

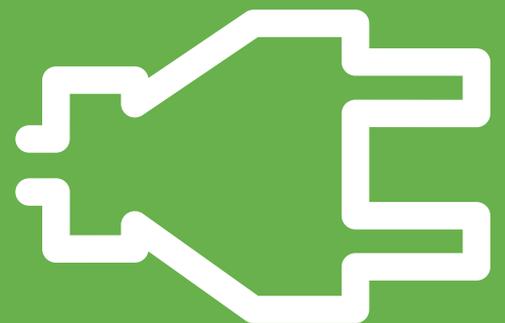
Life Is On

Schneider  
Electric

 Price List

# Low Voltage Distribution Products

With effect from March 12, 2018



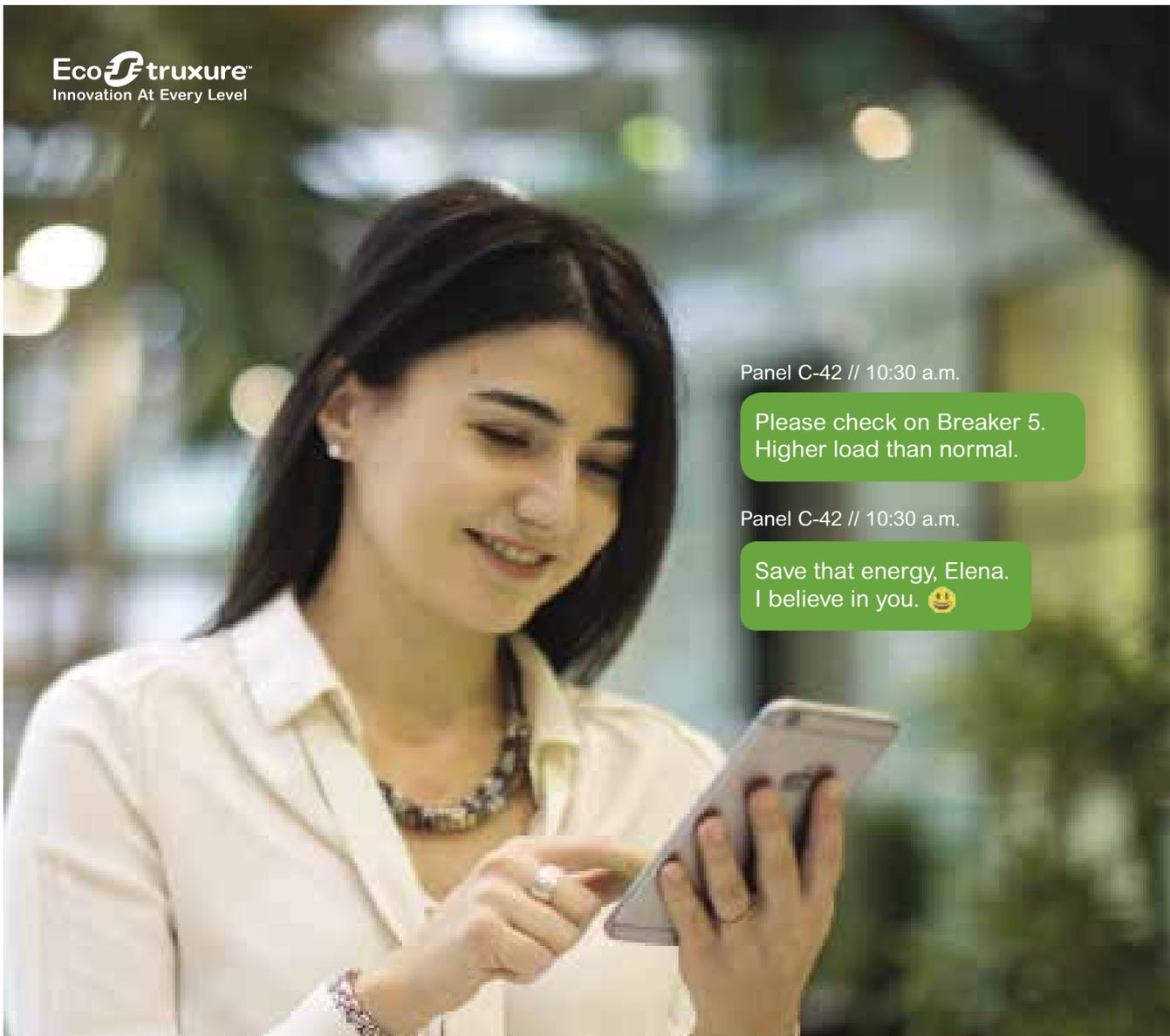
[schneider-electric.co.in](http://schneider-electric.co.in)



<b>Smart Panels</b>	
■ Introduction to Smart Panels..	5
<b>Moulded Case Circuit Breakers:</b>	
<b>Compact NSXm:</b>	
■ Range Overview .....	10
■ MCCBs for Distribution Network .....	11
■ Accessories. ....	13
<b>Compact NSX:</b>	
■ Range Overview .....	16
■ MCCBs for Distribution Network .....	20
■ MCCBs for Motor Protection .....	24
■ MCCBs for DC Network Protection .....	26
■ Accessories. ....	27
■ Automatic Source Changeover System .....	30
<b>Compact NS:</b>	
■ Range Overview .....	32
■ MCCBs 800A onwards Manual Fixed .....	33
■ MCCBs 800A onwards Electrical Fixed .....	35
■ Accessories. ....	36
<b>EasyPact CVS:</b>	
■ Range Overview .....	38
■ MCCBs for Distribution Network .....	39
■ MCCBs for Distribution Network and Motor Protection .....	41
■ Easy-Pact CVS Switch Disconnecter Version .....	42
■ Accessories. ....	43
■ Type 2 Co-ordination table. ....	45
<b>EasyPact EZC:</b>	
■ Range Overview. ....	46
■ MCCBs for Distribution Network. ....	47
■ Accessories and EasyPact Range Busbar systems. ....	49
<b>EasyPact NKS</b>	
■ MCCBs for AC Distribution Network .....	50
■ Simipact NKS DC. ....	51
<b>Ground Fault / Earth Leakage Protection</b>	
■ Unique Modular Ground Fault Protection .....	52
■ Earth Leakage Protection .....	53
■ Vigirex - Earth Leakage Protection Relay .....	54
<b>Compact- INS &amp; INV Switch Disconnectors</b> .....	55
<b>Switch Disconnector fuse units - range overview</b> .....	56
<b>Fupact Switch Disconnector and Accessories</b> .....	57
<b>Fupact -Type 2 Co-ordination table</b> .....	58
<b>Air Circuit Breakers:</b>	
<b>Masterpact NT/NW:</b>	
■ Range Overview .....	60
■ Micrologic Trip system. ....	61
■ ATS Kit range. ....	63
<b>EasyPact MVS:</b>	
■ Range Overview .....	66
■ ET/ETA/ETV Trip System .....	67
■ Draw-out type Circuit breakers and Switch Disconnectors .....	68
■ Fixed type Circuit breakers and Switch Disconnectors .....	70
■ Accessories. ....	72

**EasyPact SPS:**

■ Range Overview . . . . .	73
■ Draw-out type Circuit breakers and Switch disconnectors . . . . .	74
■ Fixed type Circuit breaker and Switch disconnectors . . . . .	75
■ Accessories . . . . .	75



Panel C-42 // 10:30 a.m.

Please check on Breaker 5.  
Higher load than normal.

Panel C-42 // 10:30 a.m.

Save that energy, Elena.  
I believe in you. 😊

Now, your electrical panel is your partner in energy efficiency.

Give it a voice with EcoStruxure™  
Power from Schneider Electric



[schneider-electric.com/smart-panels](https://schneider-electric.com/smart-panels)

# Smart Panels

Make your electrical installations smart, simple & reliable



## 1 Protect

Electrical protection is at the core of Smart Panels

Reliable and high-performance technology is present in every breaker and every residual current device.

## 2 Measure

Keeping a close eye on energy flows

The switchboard plays a key role in capturing building related data, by gathering the protection and metering component's data.

## 3 Connect

Give a voice to the panel

Ethernet network data transmission is now part of the intrinsic design of protection and metering devices

## 4 Act

- Data driven energy efficiency actions
- Real time monitoring and control
- Access to energy and site information through online services



# Ethernet Connected Switchboards



## Energy Management

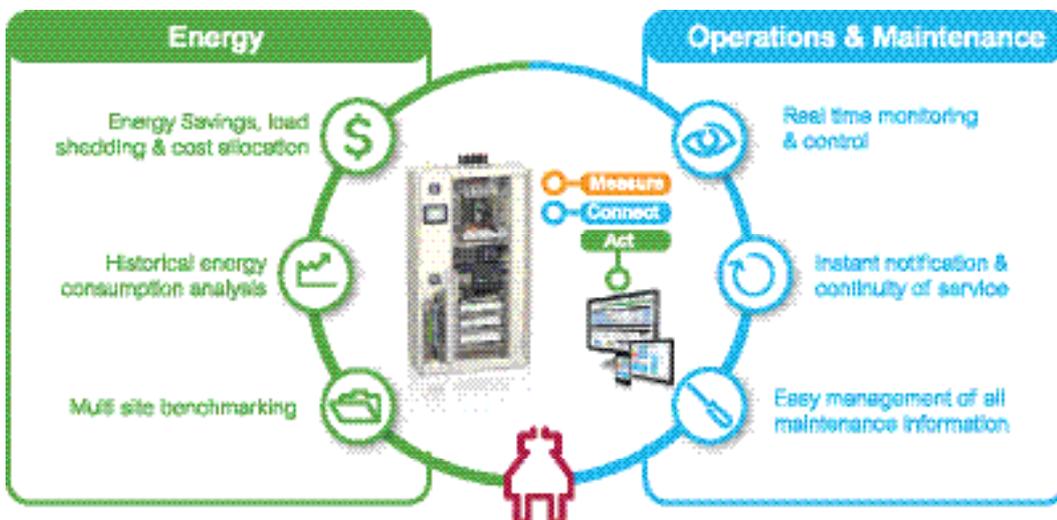
- Real time energy monitoring without any software
- Historical data viewing

## Asset Management

- Breaker health monitoring (Contact wear information & No of operations)
- Remote/Local controlling of breakers
- Remote inspection of panels (temperature, door status etc)

## Electrical Network Management

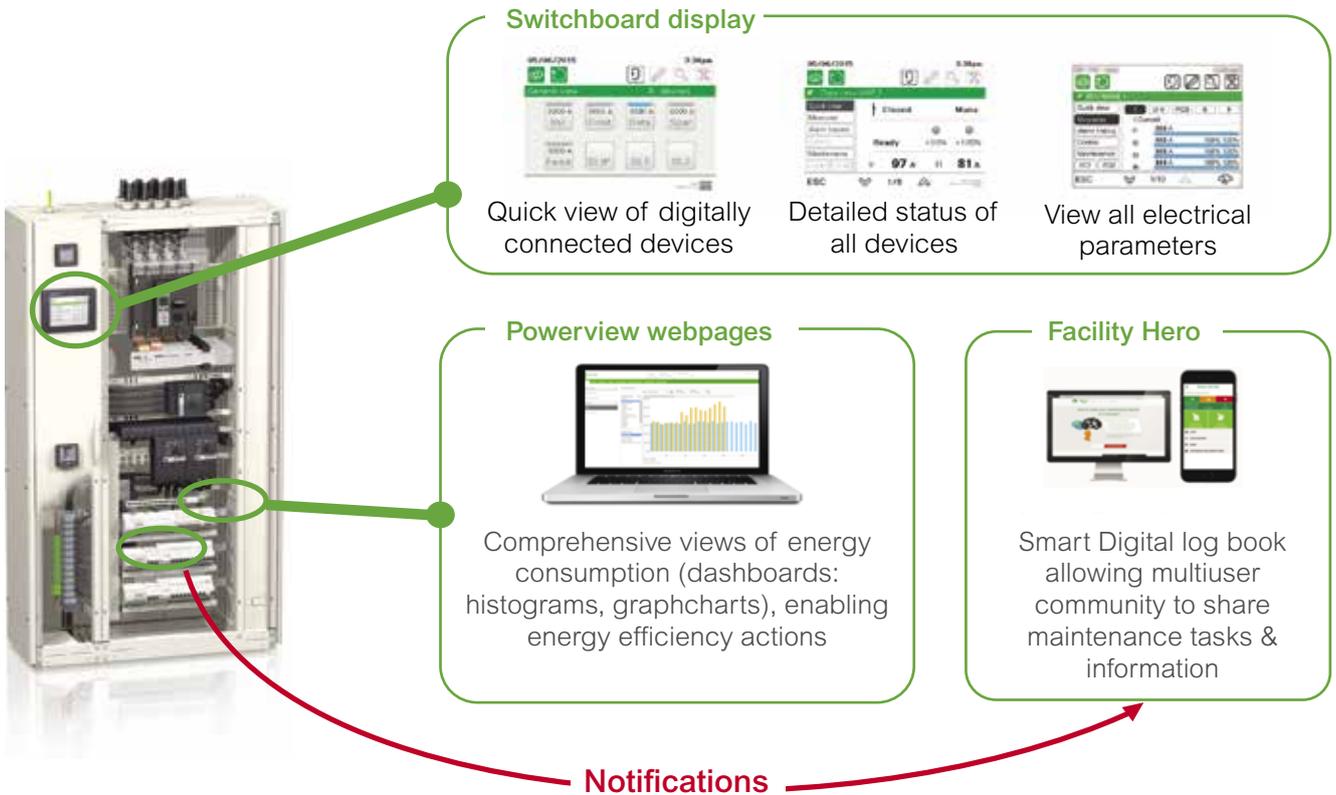
- Supply continuity monitoring
- Email notification of events (Overload, Short Circuit, Earth Fault, Temperature overrun etc)
- Tracking changes in Protection Settings
- Real time trend monitoring
- Trip history with time stamping



Ready to plug'in to Building and Energy management softwares

# Smart Panels

Simple energy & maintenance management without expensive software licenses



Advanced integrated softwares for comprehensive Energy & Building management

## StructureWare Building Operation with Power Manager

 Direct connection to Power Manager



**Benefits of Power Manager**

- Ensure electrical network health**
  - Monitor electrical equipment and key assets
  - Improve response to power related issues
- Increase power quality awareness**
  - Power factor, harmonics and voltage
  - Detect faults and diagnose key electrical problems
- Increase power quality awareness**
  - Track energy consumption and allocate costs
  - Active energy conservation objectives

**Benefits of Smart Panels**

- Easy to Install**
  - Less cables
  - Pre-Engineered system
- Easy to Commission**
  - Direct IP connectivity
  - TVD Solution
- Deeper visibility into infrastructure**
  - Feeder monitoring
  - Breaker maintenance and testing



# Compact™ NSXm MCCB, a new member of the Compact™ NSX family

## Efficiency that clicks!



Reliability



Productivity



Flexibility

## Compact™ NSXm MCCB



**1**  
Option of 100% secure **EverLink™** connections

**2**  
Faster mounting with **built-in DIN rail**

**3**  
Space saving through **compact size**



**4**  
**Enhanced discrimination**

**5**  
Best-in-class **electrical life**

**6**  
Option of **side rotary handle**

1 Frame size from 16 to 160A, TMD type

2 Versions - MCCB & Switch disconnectors

5 breaking capacities - 16kA to 70kA, Ics = 100% Icu for entire range

*Continues the legacy of Compact™ NSX - Encapsulated Double Break Roto Active Mechanism with Reflex Tripping, cascading*

[schneider-electric.co.in](http://schneider-electric.co.in)

Life Is On

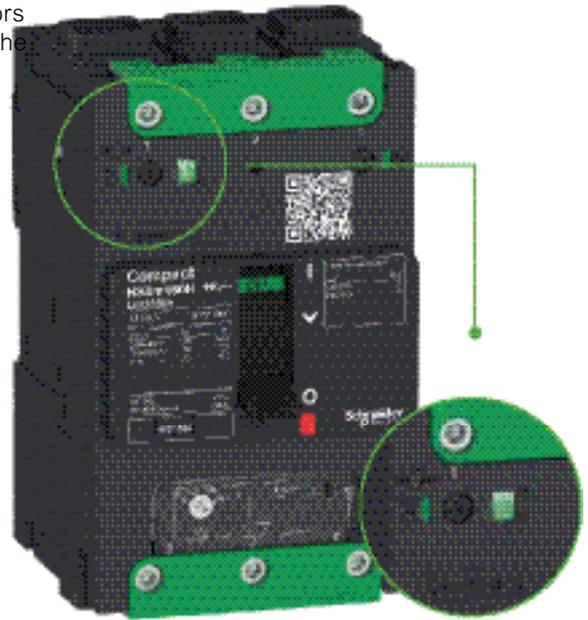
**Schneider**  
Electric

# Compact NSXm circuit breakers: Optimized for your needs

The Compact NSXm range of circuit breakers and switch disconnectors is a newcomer in the Compact NSX family. It is one of the smallest on the market with innovative features. Built on the design of roto-active breaking technology, we have made it as robust as Compact NSX products.

## Compact NSXm main features and innovations

- Rated Current, In (A) – 16, 25, 32, 40, 50, 63, 80, 100, 125, 160
- Breaking capacity (kA) at 415V – 16, 25, 36, 50, 70
- Thermal magnetic trip unit integrated
- Built-in DIN rail and plate mount
- Auxiliaries externally visible
- EverLink™ connectors



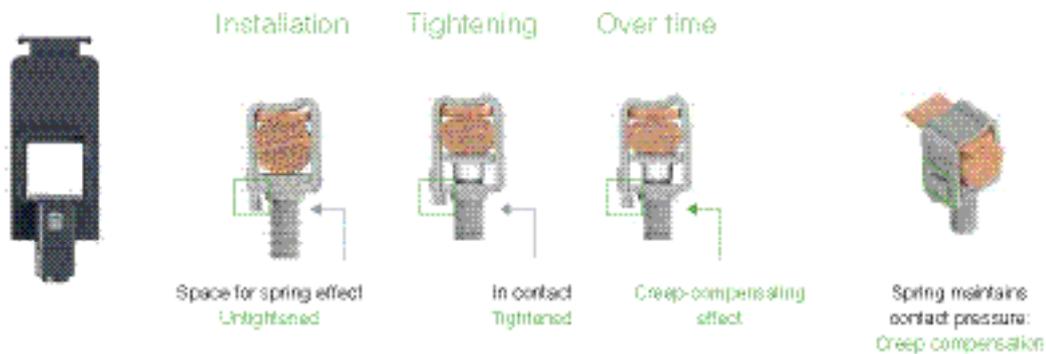
## EverLink™ patented technology

The Compact NSXm features a new cable connection method with patented creep-compensating technology built directly into the terminal - EverLink™:

- With EverLink™ connectors, save space and time during panel assembly.
- Bare cable connections are as safe as compression lug ones.



More than 35 patents have been registered for this new Compact NSXm offer.



## With Thermal Magnetic Trip Unit (TMD) and Compression Lug connectors



LUG CONNECTION



- Ics = 100% Icu as per IEC 60947-2
- Adjustable thermal setting 0.7 – 1 x In
- Fixed magnetic settings
- Single frame size upto 160A
- 5 breaking capacities from 16kA to 70kA
- With compression lug connectors
- All the circuit breakers have a transparent lead-sealable cover

Breaking Capacity Icu as per IEC 60947-2	Rated Current	Three Pole Reference	Unit LP [₹]	Four Pole Reference	Unit LP [₹]
16kA	16A	LV426150	6570	LV426160	9390
	25A	LV426151	6570	LV426161	9390
	32A	LV426152	6570	LV426162	9390
	40A	LV426153	6570	LV426163	9390
	50A	LV426154	6570	LV426164	9390
	63A	LV426155	6570	LV426165	9390
	80A	LV426156	6570	LV426166	9390
	100A	LV426157	6570	LV426167	9390
	125A	LV426158	11920	LV426168	14670
25kA	160A	LV426159	13010	LV426169	16060
	16A	LV426250	7140	LV426260	10310
	25A	LV426251	7140	LV426261	10310
	32A	LV426252	7140	LV426262	10310
	40A	LV426253	7140	LV426263	10310
	50A	LV426254	7140	LV426264	10310
	63A	LV426255	7140	LV426265	10310
	80A	LV426256	7230	LV426266	10310
	100A	LV426257	7230	LV426267	10310
36kA	125A	LV426258	13080	LV426268	16040
	160A	LV426259	14440	LV426269	17990
	16A	LV426350	9090	LV426360	11640
	25A	LV426351	9090	LV426361	11640
	32A	LV426352	9090	LV426362	11640
	40A	LV426353	9090	LV426363	11640
	50A	LV426354	9090	LV426364	11640
	63A	LV426355	9090	LV426365	11640
	80A	LV426356	9090	LV426366	11640
50kA	100A	LV426357	9090	LV426367	11640
	125A	LV426358	13690	LV426368	17420
	160A	LV426359	15140	LV426369	19290
	16A	LV426450	11770	LV426460	14430
	25A	LV426451	11770	LV426461	14430
	32A	LV426452	11770	LV426462	14430
	40A	LV426453	11770	LV426463	14430
	50A	LV426454	11770	LV426464	14430
	63A	LV426455	11770	LV426465	14430
70kA	80A	LV426456	11770	LV426466	14900
	100A	LV426457	11770	LV426467	14900
	125A	LV426458	16000	LV426468	18990
	160A	LV426459	17190	LV426469	20580
	16A	LV426550	13820	LV426560	17310
	25A	LV426551	13820	LV426561	17310
	32A	LV426552	13820	LV426562	17310
	40A	LV426553	13820	LV426563	17310
	50A	LV426554	13820	LV426564	17310
70kA	63A	LV426555	13820	LV426565	17310
	80A	LV426556	13820	LV426566	17310
	100A	LV426557	13820	LV426567	17310
	125A	LV426558	25750	LV426568	27510
	160A	LV426559	26000	LV426569	27780

## With Thermal Magnetic Trip Unit (TMD) and EverLink™ connectors



- Ics = 100% Icu as per IEC 60947-2
- Adjustable thermal setting 0.7 – 1 x In
- Fixed magnetic settings
- Single frame size upto 160A
- 5 breaking capacities from 16kA to 70kA
- With Patented EverLink™ connectors
- All the circuit breakers have a transparent lead-sealable cover

Breaking Capacity Icu as per IEC 60947-2	Rated Current	Three Pole Reference	Unit LP [₹]	Four Pole Reference	Unit LP [₹]
16kA	16A	LV426100	6570	LV426110	9390
	25A	LV426101	6570	LV426111	9390
	32A	LV426102	6570	LV426112	9390
	40A	LV426103	6570	LV426113	9390
	50A	LV426104	6570	LV426114	9390
	63A	LV426105	6570	LV426115	9390
	80A	LV426106	6570	LV426116	9390
	100A	LV426107	6570	LV426117	9390
	125A	LV426108	11920	LV426118	14670
25kA	160A	LV426109	13010	LV426119	16060
	16A	LV426200	7140	LV426210	10310
	25A	LV426201	7140	LV426211	10310
	32A	LV426202	7140	LV426212	10310
	40A	LV426203	7140	LV426213	10310
	50A	LV426204	7140	LV426214	10310
	63A	LV426205	7140	LV426215	10310
	80A	LV426206	7230	LV426216	10310
	100A	LV426207	7230	LV426217	10310
36kA	125A	LV426208	13080	LV426218	16040
	160A	LV426209	14440	LV426219	17990
	16A	LV426300	9090	LV426310	11640
	25A	LV426301	9090	LV426311	11640
	32A	LV426302	9090	LV426312	11640
	40A	LV426303	9090	LV426313	11640
	50A	LV426304	9090	LV426314	11640
	63A	LV426305	9090	LV426315	11640
	80A	LV426306	9090	LV426316	11640
50kA	100A	LV426307	9090	LV426317	11640
	125A	LV426308	13690	LV426318	17420
	160A	LV426309	15140	LV426319	19290
	16A	LV426400	11770	LV426410	14430
	25A	LV426401	11770	LV426411	14430
	32A	LV426402	11770	LV426412	14430
	40A	LV426403	11770	LV426413	14430
	50A	LV426404	11770	LV426414	14430
	63A	LV426405	11770	LV426415	14430
70kA	80A	LV426406	11770	LV426416	14900
	100A	LV426407	11770	LV426417	14900
	125A	LV426408	16000	LV426418	18990
	160A	LV426409	17190	LV426419	20580
	16A	LV426500	13820	LV426510	17310
	25A	LV426501	13820	LV426511	17310
	32A	LV426502	13820	LV426512	17310
	40A	LV426503	13820	LV426513	17310
	50A	LV426504	13820	LV426514	17310
70kA	63A	LV426505	13820	LV426515	17310
	80A	LV426506	13820	LV426516	17310
	100A	LV426507	13820	LV426517	17310
	125A	LV426508	25750	LV426518	27510
	160A	LV426509	26000	LV426519	27780

For Details on stockable and non-stockable status, technical parameter, please Contact Customer Care Centre

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

- Suitability for isolation as defined by standard IEC 60947-3
- Self protected by their high-set magnetic release
- Single frame size upto 160A

## Compact NSXm NA switch-disconnector

### With Compression Lug connectors

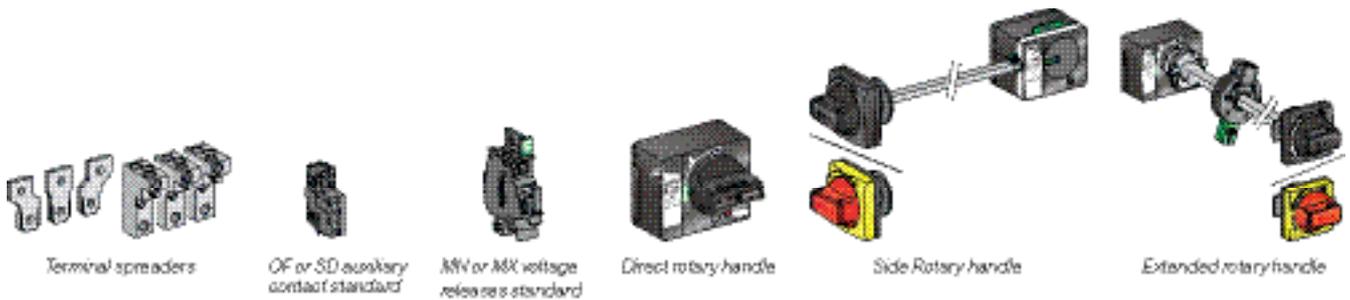
Rated Current	Three Pole Reference	Unit LP [₹]	Four Pole Reference	Unit LP [₹]
50A	LV426650	7970	LV426660	11780
100A	LV426651	7970	LV426661	11780
160A	LV426652	16310	LV426662	21750

## Compact NSXm NA switch-disconnector

### With EverLink™ connectors

Rated Current	Three Pole Reference	Unit LP [₹]	Four Pole Reference	Unit LP [₹]
50A	LV426600	8170	LV426610	12070
100A	LV426601	8170	LV426611	12070
160A	LV426602	16710	LV426612	22280

## Accessories for Compact NSXm 16A to 160A



## NSXm Accessories

### Auxiliary contacts (changeover)

Description	Reference	Unit LP [₹]
Standard OF or SD	LV426950	770

### Rotary Handles

Description	Reference	Unit LP [₹]
<b>Direct rotary handle</b>		
Standard black handle	LV426930	1060
<b>Extended rotary handle</b>		
Standard extended rotary black handle	LV426932	1570
<b>Side rotary handle</b>		
Standard side rotary black handle	LV426935	2690

### Rotary Handles

Description	Reference	Unit LP [₹]
<b>Spreaders &amp; Phase Barriers</b>		
Spreaders (Set of 3) 3P	LV426940	580
Spreaders (Set of 4) 4P	LV426941	590

### Voltage Releases

Description	Shunt Release Reference	Unit LP [₹]	Under Voltage Reference	Unit LP [₹]
<b>AC</b>				
24 V 50/60 Hz	LV426841	1890	LV426801	2460
48 V 50/60 Hz	LV426842		LV426802	
110-130 V 50/60 Hz	LV426843		LV426803	
220-240 V 50/60 Hz	LV426844		LV426804	
380-415 V 50 Hz	LV426846		LV426806	
<b>DC</b>				
24 V	LV426841	1890	LV426801	2460
48 V	LV426842		LV426802	
125 V	LV426843		LV426803	
250 V	LV426844		LV426815	

Please contact Customer Care Center for Stockable and Non stockable status of references.

☑ NORMAL STOCK ITEMS

W.E.F. March 12, 2018



Ethernet Ready Next Generation Circuit Breakers

# Compact NSX

LV circuit breakers from 16A to 630A



Energy  
measurement  
and control



Increased  
energy  
availability



Safety and  
protection



# Compact NSX

## Ethernet ready Next-generation circuit breakers



- Ethernet based monitoring, control, alarm notification for energy, asset and network management
- Built-in energy metering with combined accuracy class of 2% for precise measurement
- Intelligent / Enhanced discrimination for continuity of service
- Patented reflex tripping, independent of other protection functions, ensures ultra fast tripping in the event of very high short circuit
- Encapsulated roto-active double break contact system limits fault current for extended system life
- Best in class electrical life (*30k cycles for NSX 100 @ 440 V*) reduces operational expenditure
- High performance =>  $I_{cs} = I_{cu} = 100\text{kA @ } 690\text{V AC}$

### Range Details:

- 16A to 630A in two frames sizes
- Breaking capacity up to 200kA @ 415V
- TMD and Microprocessor based trip unit
- Available in Fixed, Plug-in and Draw out type versions

# Type of Trip Units

## Micrologic Trip Units

(ASIC-Application Specific Integrated Circuit)

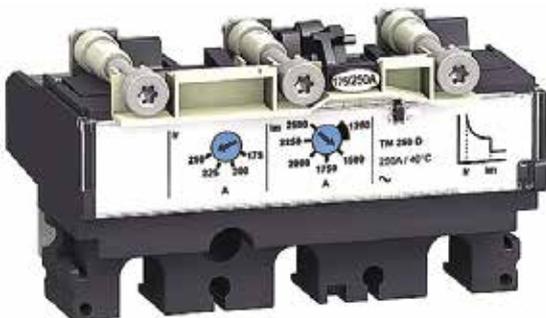


Protection	Cases	Measurement	Application
1 I 2 LS <sub>0</sub> I 5 LSI 6 LSIG	2 NSX100-250 3 NSX400-630	A Ammeter E Energy Meter	--- Distribution G Generator AB Subscriber M Motor Z 16Hz 2/3

### Example

Micrologic 1.3 M	I	400 or 630 A	Motor
Micrologic 2.2 G	LS <sub>0</sub> I	100, 160 or 250 A	Generator
Micrologic 2.3	LS <sub>0</sub> I	400 or 630 A	Distribution
Micrologic 2.3 M	LS <sub>0</sub> I	400 or 630 A	Motor
Micrologic 5.2 A	LSI	100, 160 or 250 A	Ammeter
Micrologic 5.3 E	LSI	400 or 630 A	Energy
Micrologic 6.3 E-M	LSIG	400 or 630 A	Energy

## Thermal Magnetic Trip Unit



- Available from 16A - 250A
- Overload Setting (I<sub>r</sub>) 0.7 - 1 x I<sub>n</sub>
- Short Circuit Setting (I<sub>m</sub>)
- Fixed upto 160A
- Adjustable 5 - 10 x I<sub>r</sub> (for 200A - 250A)

- I** - Instantaneous
- S<sub>0</sub>** - Short Time with Fixed Time Delay
- S** - Short Time with Adjustable Time Delay
- G** - Ground Fault

# Compact NSX PV for Photovoltaic applications

- Circuit Breakers and Switch Disconnectors
- A complete DC offer for Solar Applications from 80 to 1500A.
  - 80A to 500A MCCB with TMD type trip unit
  - 80A to 1500A Switch disconnector



Ensuring safe and efficient operation of your Photovoltaic installation.



With heat sink supplied as standard, MCCB rating is optimized, avoiding the need to oversize protection components and saving space in the enclosure.

- ★ Connection and insulation accessories supplied as standard with Compact NSX PV MCCB are:
  - Connection plate with heat sink
  - Upstream and downstream terminal shields



# PowerPact

## Multistandard offer for OEM applications

Be compliant around the world

Range - 16A to 600A in Two frames sizes



- Compliance to UL489, IEC60947, CCC & CSA standards.
- Breaking Capacity up to 100kA
- Voltage rating up to 600V
- Isolation with Positive Break Indication
- Fixed, Plug-in and Draw out type
- TMD and Microprocessor based trip unit
- Built-in energy metering (2% accuracy class)
- Smart Integration over Communication Network

### Trust US...

- > to supply worldwide availability
- > to apply tested and validated solutions
- > to comply to international standards



## With Thermal Magnetic Trip Unit (TMD)



- Ics = 100% Icu as per IEC 60947-2
- Adjustable thermal setting 0.7 - 1 x In
- Adjustable magnetic setting 5 – 10 x Ir \*\*
- Transparent cover for trip unit as standard
- Breaking Capacity enhancement upto 150kA with a higher capacity upstream (Cascading)
- Exceptional current limiting < 6 x 105 A2S

Breaking Capacity Icu as per IEC 60947-2	Rated Current	Three Pole Reference	Unit LP [₹]	Four Pole Reference	Unit LP [₹]
25kA	16A	LV429557	8590	LV429567	12340
	25A	LV429556 <input checked="" type="checkbox"/>	8590	LV429566	12340
	32A	LV429555 <input checked="" type="checkbox"/>	8590	LV429565	12340
	40A	LV429554 <input checked="" type="checkbox"/>	8590	LV429564	12340
	50A	LV429553	8590	LV429563	12340
	63A	LV429552 <input checked="" type="checkbox"/>	8590	LV429562 <input checked="" type="checkbox"/>	12340
	80A	LV429551 <input checked="" type="checkbox"/>	8590	LV429561	12340
	100A	LV429550 <input checked="" type="checkbox"/>	8590	LV429560 <input checked="" type="checkbox"/>	12340
	125A	LV430311 <input checked="" type="checkbox"/>	15120	LV430321 <input checked="" type="checkbox"/>	18480
	160A	LV430310 <input checked="" type="checkbox"/>	15970	LV430320 <input checked="" type="checkbox"/>	19550
36kA	200A	LV431111	23460	LV431121 <input checked="" type="checkbox"/>	28230
	250A	LV431110 <input checked="" type="checkbox"/>	23690	LV431120 <input checked="" type="checkbox"/>	28510
	16A	LV429637 <input checked="" type="checkbox"/>	10470	LV429647	13250
	25A	LV429636 <input checked="" type="checkbox"/>	10470	LV429646	13250
	32A	LV429635 <input checked="" type="checkbox"/>	10470	LV429645 <input checked="" type="checkbox"/>	13250
	40A	LV429634 <input checked="" type="checkbox"/>	10470	LV429644	13250
	50A	LV429633	10470	LV429643	13250
	63A	LV429632 <input checked="" type="checkbox"/>	10470	LV429642 <input checked="" type="checkbox"/>	13250
	80A	LV429631 <input checked="" type="checkbox"/>	10470	LV429641	13250
	100A	LV429630 <input checked="" type="checkbox"/>	10470	LV429640 <input checked="" type="checkbox"/>	13250
50kA	125A	LV430631 <input checked="" type="checkbox"/>	15640	LV430641 <input checked="" type="checkbox"/>	19660
	160A	LV430630 <input checked="" type="checkbox"/>	16420	LV430640 <input checked="" type="checkbox"/>	20620
	200A	LV431631 <input checked="" type="checkbox"/>	24000	LV431641 <input checked="" type="checkbox"/>	29590
	250A	LV431630 <input checked="" type="checkbox"/>	24230	LV431640 <input checked="" type="checkbox"/>	30480
	16A	LV429847	12100	LV429857	15320
	25A	LV429846	12100	LV429856	15320
	32A	LV429845 <input checked="" type="checkbox"/>	12100	LV429855	15320
	40A	LV429844 <input checked="" type="checkbox"/>	12100	LV429854	15320
	50A	LV429843	12100	LV429853	15320
	63A	LV429842 <input checked="" type="checkbox"/>	12100	LV429852	15320
70kA	80A	LV429841 <input checked="" type="checkbox"/>	12100	LV429851	15320
	100A	LV429840 <input checked="" type="checkbox"/>	12100	LV429850	15320
	125A	LV430841 <input checked="" type="checkbox"/>	18460	LV430851	21330
	160A	LV430840 <input checked="" type="checkbox"/>	19200	LV430850	21970
	200A	LV431831 <input checked="" type="checkbox"/>	25620	LV431841	31300
	250A	LV431830 <input checked="" type="checkbox"/>	25860	LV431840	32240
	16A	LV429677	15840	LV429687	20620
	25A	LV429676	15840	LV429686	20620
	32A	LV429675	15840	LV429685	20620
	40A	LV429674	15840	LV429684	20620
50A	LV429673	15840	LV429683	20620	
63A	LV429672 <input checked="" type="checkbox"/>	15840	LV429682	20620	
80A	LV429671	15840	LV429681	20620	
100A	LV429670 <input checked="" type="checkbox"/>	15840	LV429680	20620	
125A	LV430671	29480	LV430681	31630	
160A	LV430670 <input checked="" type="checkbox"/>	29780	LV430680	31940	
200A	LV431671	33720	LV431681	43380	
250A	LV431670 <input checked="" type="checkbox"/>	34050	LV431680	43810	

### Note:

- \*\* applicable for NSX 200A & 250A
- For higher breaking capacities (100kA and 150kA); for Generator Protection MCCB and other special application MCCB, contact our nearest Sales office.

For details on non-standard references, technical parameters, stockable and non-stockable status, please contact Customer Care Centre.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

## With Micrologic 2 (µP -ASIC based)



- Protection type LS01N
- Ics = 100% Icu as per IEC 60947-2
- Adjustable overload from 0.40 - 1 x In
- Adjustable short circuit from 1.5 - 10 x Ir
- Innovative front indication LED's (Ready, Overload pre-alarm & Overload)
- Two frame sizes up to 630A
- Breaking Capacity enhancement upto 150kA with a higher capacity upstream (Cascading)
- Adjustable neutral protection - N, N/2, OFF for 4 Pole MCCB

Breaking Capacity Icu as per IEC 60947-2	Rated Current	Three Pole Reference	Unit LP [₹]	Four Pole Reference	Unit LP [₹]
25kA	40A	LV429777 <input checked="" type="checkbox"/>	15190	LV429787	19540
	100A	LV429775 <input checked="" type="checkbox"/>	15190	LV429785 <input checked="" type="checkbox"/>	19540
	160A	LV430745 <input checked="" type="checkbox"/>	19400	LV430750 <input checked="" type="checkbox"/>	24750
	250A	LV431140 <input checked="" type="checkbox"/>	25490	LV431150 <input checked="" type="checkbox"/>	32700
36kA	40A	LV429772	15440	LV429782	19640
	100A	LV429770 <input checked="" type="checkbox"/>	15440	LV429780 <input checked="" type="checkbox"/>	19640
	160A	LV430770 <input checked="" type="checkbox"/>	19740	LV430780 <input checked="" type="checkbox"/>	27340
	250A	LV431770 <input checked="" type="checkbox"/>	26820	LV431780 <input checked="" type="checkbox"/>	37180
	400A	LV432676 <input checked="" type="checkbox"/>	37000	LV432677 <input checked="" type="checkbox"/>	42250
	630A	LV432876 <input checked="" type="checkbox"/>	39120	LV432877 <input checked="" type="checkbox"/>	50720
50kA	40A	LV429797	18430	LV429807	25240
	100A	LV429795 <input checked="" type="checkbox"/>	18430	LV429805 <input checked="" type="checkbox"/>	26000
	160A	LV430775 <input checked="" type="checkbox"/>	23360	LV430785	30250
	250A	LV431870 <input checked="" type="checkbox"/>	30520	LV431875 <input checked="" type="checkbox"/>	40020
	400A	LV432693 <input checked="" type="checkbox"/>	38730	LV432694 <input checked="" type="checkbox"/>	50250
70kA	630A	LV432893 <input checked="" type="checkbox"/>	40100	LV432894 <input checked="" type="checkbox"/>	53130
	40A	LV429792	23730	LV429802	29850
	100A	LV429790	24090	LV429800	29850
	160A	LV430790	31590	LV430800	40320
	250A	LV431790	35230	LV431800	51080
	400A	LV432695 <input checked="" type="checkbox"/>	44020	LV432696	57800
	630A	LV432895 <input checked="" type="checkbox"/>	45110	LV432896	70170

**Note:** For higher breaking capacities (100kA and 150kA); for Generator Protection MCCB and other special application MCCB, contact our nearest Sales office.

## With Micrologic 2 (µP -ASIC based) / TMD / MA+ shunt +GFP

- Protection type LS01GN
- Ics = 100% Icu as per IEC 60947-2
- Fault indication for GF (LED type) meant for human safety
- Adjustable overload from 0.36 - 1 x In
- Adjustable short circuit from 1.5 - 10 x Ir
- Adjustable earth fault sensitivity selection 10 to 60%
- Innovative front indication LED's (Ready, Overload pre-alarm & Overload)
- Two frame sizes up to 630A
- Suitable for 3P3W & 3P4W electrical distribution network
- Breaking Capacity enhancement upto 150kA with a higher capacity upstream (Cascading)
- Adjustable neutral protection - N, N/2, OFF for 4 Pole MCCB

MCCB Frame	Relay Module rated current	3 Ph + 3W Reference	Unit LP [₹]	3 Ph + 4W Reference	Unit LP [₹]
CVS/NSX100	32, 40, 50, 63, 80, 100	GFP11CT13P <input checked="" type="checkbox"/>	4930	GFP11CT14P <input checked="" type="checkbox"/>	5400
CVS/NSX 160 / 250	125, 160, 200, 250	GFP12CT23P <input checked="" type="checkbox"/>	5610	GFP12CT24P <input checked="" type="checkbox"/>	6330
CVS/NSX 400 / 630	400, 630	GFP13CT33P <input checked="" type="checkbox"/>	8470	GFP13CT34P <input checked="" type="checkbox"/>	9250
CVS 800	800	GFP14CT43P <input checked="" type="checkbox"/>	10440	GFP14CT44P <input checked="" type="checkbox"/>	11690

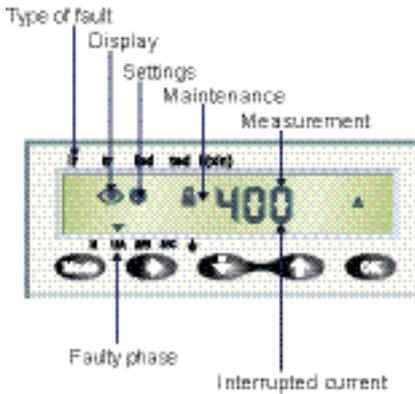
**Note:** Kindly order NSX/CVS MCCB +GFP+. Shunt trip coil.

For details on non-standard references, technical parameters, stockable and non-stockable status, please contact Customer Care Centre.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

## With Micrologic 6A (Embedded current metering and communication capable)



- Protection type LSIGN
- Ics = 100% Icu as per IEC 60947-2
- Current measurements (Phase & neutral, Average, Highest of phases, Ground fault current, Maximeter / Minimeter, Current unbalance between phases)
- Adjustable overload from Ir 0.36 to 1 x In and tr = 0.5 - 16 s
- Adjustable short circuit from I<sub>sd</sub> 1.5 - 10 x Ir and t<sub>sd</sub> I<sub>2t</sub>ON/OFF 0.1 - 0.4s
- Adjustable earth fault 0.4 - 1 x In (for In=40A) & 0.2 - 1 x In (for In>40A) and t<sub>g</sub> I<sub>2t</sub>ON/OFF 0.1 - 0.4s
- Instantaneous protection Ii 1.5 x In - 15 x In (40 - 160A), 12 x In (250 - 400A) and 11 x In (630A)
- Innovative front indication LED's (Ready, Overload pre-alarm & Overload)
- Fault distinction on the display of trip unit (type of fault, interrupted fault current and faulty phase)
- Zone Selective Interlocking (ZSI) as standard
- Breaking Capacity enhancement upto 150kA with a higher capacity upstream (Cascading)
- External Neutral CT required for highly un-balanced TP-N system has to be ordered at extra price
- Adjustable neutral protection - N, N/2, OFF and oversized neutral (standard feature) for 4 Pole MCCB.

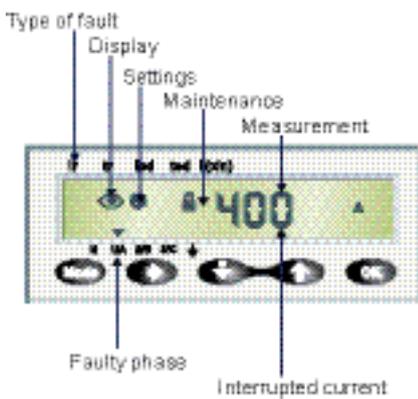
Breaking Capacity Icu as per IEC 60947-2"	Rated Current	Three Pole Reference	Unit LP [₹]	Four Pole Reference	Unit LP [₹]
25kA	40A	LV429014X62A40	34030	LV429015X62A40	38090
	100A	LV429014X62A100	34030	LV429015X62A100	38090
	160A	LV430390X62A160	35990	LV430395X62A160	43280
	250A	LV431390X62A250	41210	LV431395X62A250	49370
36kA	40A	LV429003X62A40	34030	LV429008X62A40	39030
	100A	LV429003X62A100	34030	LV429008X62A100	39030
	160A	LV430403X62A160	37010	LV430408X62A160	44030
	250A	LV431403X62A250	41510	LV431408X62A250	51000
	400A	LV432413X63A400	48650	LV432415X63A400	54840
	630A	LV432813X63A630	55900	LV432815X63A630	65180
50kA	40A	LV429006X62A40	37010	LV429011X62A40	42020
	100A	LV429006X62A100	37010	LV429011X62A100	42020
	160A	LV430406X62A160	42020	LV430411X62A160	45010
	250A	LV431406X62A250	44900	LV431411X62A250	52220
	400A	LV432403X63A400	50000	LV432408X63A400	60570
	630A	LV432803X63A630	56100	LV432808X63A630	69350
70kA	40A	LV429004X62A40	40990	LV429009X62A40	47020
	100A	LV429004X62A100	40990	LV429009X62A100	47020
	160A	LV430404X62A160	50240	LV430409X62A160	56000
	250A	LV431404X62A250	51250	LV431409X62A250	78010
	400A	LV432404X63A400	64040	LV432409X63A400	80020
	630A	LV432804X63A630	66000	LV432809X63A630	87730

For details on non-standard references, technical parameters, stockable and non-stockable status, please contact Customer Care Centre.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

## Micrologic 6 E (Embedded Energy metering and communication capable)



- Features over and above Micrologic 6A.
- Current Measurements (Phase & neutral, Average, Highest of Phases, Ground Fault current, Maximeter/Minimeter, Current Unbalance between Phases)
- Voltage Measurements (Phase-Phase & Phase-neutral, Average, Ph-Ph & Ph-N voltage unbalance)
- Frequency Measurements
- Power Quality Indicator (Total Harmonic Distortion for Current and Voltage)
- Power Measurements (Active, Reactive and Apparent Power, total and per phase and Power Factor and cos (phi))
- Demand Currents and Power Measurements (Demand Values, total & per phase, Maximum Demand)
- Energy Metering (Active, Reactive and Apparent energy, total and per phase)
- Indications, Alarms and Histories (Indication of fault types, Alarms for high/low threshold, operating histories & time stamped tables)
- Maintenance Indicators (Operation, trip and alarm counters; Operating Hours Counter; Contact wear: Load profile and thermal image)

Breaking Capacity Icu as per IEC 60947-2	Rated Current	Three Pole Reference	Unit LP [₹]	Four Pole Reference	Unit LP [₹]
25kA	40A	LV429014X62E40	51220	LV429015X62E40	56910
	100A	LV429014X62E100	51220	LV429015X62E100	56910
	160A	LV430390X62E160	51250	LV430395X62E160	57060
	250A	LV431390X62E250	52280	LV431395X62E250	63570
36kA	40A	LV429003X62E40	52330	LV429008X62E40	57760
	100A	LV429003X62E100	52330	LV429008X62E100	57760
	160A	LV430403X62E160	53190	LV430408X62E160	60000
	250A	LV431403X62E250	53810	LV431408X62E250	64520
	400A	LV432413X63E400	66490	LV432415X63E400	74540
50kA	630A	LV432813X63E630	75520	LV432815X63E630	92680
	40A	LV429006X62E40	53110	LV429011X62E40	58630
	100A	LV429006X62E100	53110	LV429011X62E100	58630
	160A	LV430406X62E160	53990	LV430411X62E160	60900
	250A	LV431406X62E250	54620	LV431411X62E250	65490
70kA	400A	LV432403X63E400	67490	LV432408X63E400	75880
	630A	LV432803X63E630	76270	LV432808X63E630	94070
	40A	LV429004X62E40	55270	LV429009X62E40	61800
	100A	LV429004X62E100	55270	LV429009X62E100	61800
	160A	LV430404X62E160	59710	LV430409X62E160	64060
70kA	250A	LV431404X62E250	61110	LV431409X62E250	88690
	400A	LV432404X63E400	75380	LV432409X63E400	90670
	630A	LV432804X63E630	88570	LV432809X63E630	102460

For details on non-standard references, technical parameters, stockable and non-stockable status, please contact Customer Care Centre.

☑ NORMAL STOCK ITEMS

W.E.F. March 12, 2018

## With Magnetic Trip Unit MA type



- Ics = 100% Icu as per IEC 60947-2
- Adjustable magnetic setting  $I_m$  6 -14 x  $I_n$  (2.5 - 100A) & 9 - 14 x  $I_n$  (150 - 200A)
- Type - 2 Co-ordination charts upto 110 kW at 400V
- Breaking Capacity enhancement upto 150kA with a higher capacity upstream (Cascading)
- Adjustable neutral protection - N, N/2, OFF for 4 Pole MCCB
- Rated at 650C as per motor standards

Breaking Capacity Icu as per IEC 60947-2	Rated Current	Three Pole Reference	Unit LP [₹]
36kA	2.5A	LV429745	10980
	6.3A	LV429744	10980
	12.5A	LV429743	10980
	25A	LV429742	10980
	50A	LV429741	10980
	100A	LV429740 <input checked="" type="checkbox"/>	10980
	150A	LV430830	15600
	220A	LV431748	25590
50kA	2.5A	LV429755	12400
	6.3A	LV429754	12400
	12.5A	LV429753	12400
	25A	LV429752	12400
	50A	LV429751	12400
	100A	LV429750 <input checked="" type="checkbox"/>	12400
	150A	LV430832	19040
	220A	LV431752	28090
70kA	2.5A	LV429765	15930
	6.3A	LV429764	15930
	12.5A	LV429763	15930
	25A	LV429762	15930
	50A	LV429761	15930
	100A	LV429760	15930
	150A	LV430834	28840
	220A	LV431756	44740

## With Micrologic 1.3M



- Ics = 100% Icu as per IEC 60947-2
- Suitable for Isolation
- Adjustable short circuit  $I_{sd}$  = 5 -13 x  $I_n$
- Front indication LED (Ready LED)
- Type - 2 Co-ordination charts upto 250 kW at 400V
- Rated at 650C as per motor standards

Breaking Capacity Icu as per IEC 60947-2	Rated Current	Three Pole Reference	Unit LP [₹]
36kA	320A	LV432748	35310
	500A	LV432948	42460
50kA	320A	LV432749	38640
	500A	LV432949	44350
70kA	320A	LV432750	49960
	500A	LV432950	50270

**Note:** For higher breaking capacities (100kA and 150kA), contact our nearest Sales office.

For details on non-standard references, technical parameters, stockable and non-stockable status, please contact Customer Care Centre.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

With Micrologic 2M ( $\mu$ P - ASIC based)



- $I_{cs} = 100\% I_{cu}$  as per IEC 60947-2
- Adjustable overload  $I_r 0.45 - 1 \times I_n$
- Adjustable short circuit  $I_{sd} 5 - 13 \times I_r$
- Trip class selection: Class 5, Class 10 & Class 20
- Phase unbalance or Phase Loss
- Type - 2 Co-ordination charts upto 315 kW at 400V
- Front indication LED's (Ready & temperature rise alarm)
- Breaking Capacity enhancement upto 150kA with a higher capacity upstream (Cascading)
- Adjustable neutral protection - N, N/2, OFF for 4 Pole MCCB
- Rated at 650C as per motor standards

Breaking Capacity $I_{cu}$ as per IEC 60947-2	Rated Current	Three Pole Reference	Unit LP [₹]
36kA	25A	LV429828	15930
	50A	LV429827	15930
	100A	LV429825	15930
	150A	LV430985	23620
	220A	LV431160	31490
	320A	LV432775	42820
50kA	500A	LV432975	51600
	25A	LV429833	19770
	50A	LV429832	19770
	100A	LV429830	19770
	150A	LV430988	26320
	220A	LV431165	33200
70kA	320A	LV432776	49210
	500A	LV432976	51980
	25A	LV429838	24060
	50A	LV429837	24060
	100A	LV429835	24060
	150A	LV430991	38760
	220A	LV431170	42420
	320A	LV432777	59290
	500A	LV432977	62140

**Note:**

- For higher breaking capacities (100kA and 150kA), contact our nearest Sales office.
- For arriving at the Reference of the MCCB with Micrologic 6E-M, please contact our nearest Sales office.

## Micrologic 6 E-M



- In addition to Embedded Energy Metering features of Micrologic 6E, the below Motor
- Application parameters are present in Micrologic 6E-M
- Overload protection:  $I_r 0.45 - 1 \times I_n$
- Short circuit protection:  $I_{sd} 5 - 13 \times I_r$
- Ground fault protection:  $I_g 0.4 - 1 \times I_n$  (for  $I_n=40A$ ) &  $0.2 - 1 \times I_n$  (for  $I_n>40A$ ) and  $t_g I_{2tON/OFF} 0.1 - 0.4s$
- Phase unbalance or Phase loss
- Trip class selection: Class 5, Class10, Class20 & Class30
- Cooling fan selection: self cooled or fan cooled motors
- Unbalance: 10 - 40% of average current and time delay 0.7s (starting) & 1 - 10s (normal operation)
- Locked Rotor:  $I_{jam} 1 - 8 \times I_r$  or  $I_{jam}$  can be made OFF and  $t_{jam} 1 - 30s$
- Under-Load (under-current):  $I_{und} 0.3 - 0.9 \times I_r$  or  $I_{und}$  can be made OFF and  $t_{und} 1 - 200s$
- Long Starts  $I_{llong} 1 - 8 \times I_r$  or  $I_{llong}$  can be made OFF and  $t_{llong} 1 - 200s$
- Neutral: OFF or  $0.5 \times I_r$  or oversized neutral standard
- Front indication LED's (Ready & temperature rise alarm)
- Zone Selective Interlocking (ZSI) as standard
- Fault distinction on the display of trip unit (type of fault, interrupted fault current and faulty phase)

For details on non-standard references, technical parameters, stockable and non-stockable status, please contact Customer Care Centre.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

# MCCBs for DC Network Protection

## Compact NSX DC

Range - 16A to 1200A in Two frames sizes with Thermal Magnetic Trip Unit (TMD)



- Comply to IEC60947 -2 standards
- Breaking Capacity up to 100kA
- Isolation with Positive Break Indication
- Fixed, Plug-in and Draw out type upto 600A
- TMD based trip unit
- New ratings 400A , 600A and 630A to 1200A

		NSX100	NSX160	NSX250	NSX400	NSX630		NSX1200	
Poles	Breaking Capacity	16A to 100A	125A to 160A	200A to 250A	250A to 400A	500A	600A	630A to 1200A*	
3P/4P	F 36kA @750VDC	█							
3P/4P	S 100kA @750VDC	█							
3P/4P	F 36kA @500VDC						█		
3P/4P	S 100kA @500VDC						█		
2P	F 36kA @ 500VDC	█							
2P	M 85kA @ 500VDC	█							
2P	S 100kA @ 500VDC	█							
2P	N 50kA @ 600VDC							█	
1P	F 36kA @ 250VDC	█							
1P	N 50kA @ 250VDC	█							
1P	M 85kA @ 250VDC	█							

Breaking Capacity Icu as per IEC 60947-2	Rated Current	Three Pole Reference	Unit LP [₹]	Four Pole Reference	Unit LP [₹]
36kA	100A	LV438003XTMDC100	14290	LV438008XTMDC100	20335
	160A	LV438103XTMDC160	17585	LV438108XTMDC160	23745
	250A	LV438203XTMDC250	21910	LV438208XTMDC250	28575
	400A	LV438267	30550	LV438262	34685
	500A	LV438268	36650	LV438263	44795
	600A	LV438269	38710	LV438264	46855
100kA	100A	LV438018XTMDC100	17040	LV438019XTMDC100	23085
	160A	LV438118XTMDC160	21665	LV438119XTMDC160	28575
	250A	LV438218XTMDC250	36980	LV438219XTMDC250	39030
	400A	LV438277	43625	LV438272	53140
	500A	LV438278	47640	LV438273	57465
	600A	LV438279	47640	LV438274	57465

**Note:**

- For 1P / 2P contact customer care
- NSX 1200 prices on request



For details on non-standard references, technical parameters, stockable and non-stockable status, please contact Customer Care Centre.

✓ NORMAL STOCK ITEMS

W.E.F. March 12, 2018



Indication contacts



SDTAM remote indication relay module



SDx remote indication relay module



Voltage Release



Motor Mechanism

Description	Reference	Unit LP [₹]
<b>Auxiliary contacts (changeover) Multifunction</b>		
OF or SD or SDE or SDV	29450 <input checked="" type="checkbox"/>	820
OF or SD or SDE or SDV low level	29452	885
SDE adaptor for trip unit TM or MA or Micrologic 2 \$\$\$	LV429451 <input checked="" type="checkbox"/>	640
<b>SDx 2-PROGRAMMABLE CONTACTS FOR MICROLOGIC</b>		
SDx module 24/415 V AC/DC	LV429532	10210
<b>SDTAM contactor tripping module for Micrologic 2- M/6 E-M</b>		
SDTAM 24/415 V AC/DC overload fault indication	LV429424	10580

\$\$\$ To be considered along with SDE contact for MCCB with TMD/MA./Micrologic 2 protection.

## Voltage Releases

Description	Shunt Release Reference	Unit LP [₹]	Undervoltage Reference	Unit LP [₹]
<b>AC</b>				
24 V 50/60 Hz	LV429384	2100	LV429404	2690
48 V 50/60 Hz	LV429385		LV429405	
110-130 V 50/60 Hz	LV429386 <input checked="" type="checkbox"/>		LV429406 <input checked="" type="checkbox"/>	
220-240 V 50/60 Hz	LV429387 <input checked="" type="checkbox"/>		LV429407 <input checked="" type="checkbox"/>	
380-415 V 50 Hz	LV429388 <input checked="" type="checkbox"/>		LV429408 <input checked="" type="checkbox"/>	
525 V 50 Hz	LV429389		LV429409	
<b>DC</b>				
12 V	LV429382	2100	LV429402	2690
24 V	LV429390 <input checked="" type="checkbox"/>		LV429410 <input checked="" type="checkbox"/>	
30 V	LV429391		LV429411	
48 V	LV429392		LV429412	
60 V	LV429383		LV429403	
125 V	LV429393		LV429413	
250 V	LV429394		LV429414 <input checked="" type="checkbox"/>	

## Installation Accessories

Description	100/160/250A Reference	Unit LP [₹]	400/630A Reference	Unit LP [₹]
<b>Spreaders &amp; Phase Barrier</b>				
Spreaders (Set of 3) 3P	LV431563 <input checked="" type="checkbox"/>	600	32492 <input checked="" type="checkbox"/>	1360
Spreaders (Set of 4) 4P	LV431564 <input checked="" type="checkbox"/>	800	32493 <input checked="" type="checkbox"/>	1730
Phase Barrier (Set of 6)	*	-	LV432570 <input checked="" type="checkbox"/>	685
<b>Interlocking</b>				
For Breaker with Rotary Handle	LV429369	7960	LV432621	10020
For Breaker with Toggle	LV429354	8705	LV432614	10020
Mechanical Interlocking with Base Plate	29349**	16670	32609**	35115
<b>Locking of Rotary Handle</b>				
Locking Device	LV429344 <input checked="" type="checkbox"/>	500	LV432604 <input checked="" type="checkbox"/>	685
Ronis Keylock (1 Lock + 1 Key set)	41940 <input checked="" type="checkbox"/>	3475	41940 <input checked="" type="checkbox"/>	3475
Ronis Keylock (2 Locks + 1 Key set)	41950 <input checked="" type="checkbox"/>	6700	41950 <input checked="" type="checkbox"/>	6700
Profalux Keylock (1 Lock + 1 Key set)	42888	5870	42888	5870
Profalux Keylock (2 Locks + 1 Key set)	42878	6700	42878	6700

\* supplied as standard with spreader

\*\* Mechanical Interlocking with Base Plate to be ordered with Safety trip interlock (LV429270 for 29349 and LV432520 for 32609)

For details on non-standard references, technical parameters, stockable and non-stockable status, please contact Customer Care Centre.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018



FDM121: Front Display Module



Test Battery



Power Supply Module B



SCM: Breaker Status and Control Module

## Motor Mechanism

Type	Voltage	100/160A Reference	Unit LP [₹]	250A Reference	Unit LP [₹]	400/630A Reference	Unit LP [₹]	
<b>Motor Mechanism Modules with SDE adaptor <sup>(1)</sup></b>								
AC 50/60 Hz	48-60 V	LV429440	19650	LV431548	21720	LV432639	30950	
	110-130 V	LV429433		LV431540		LV432640		
	220-240 V	LV429434 <input checked="" type="checkbox"/>		LV431541 <input checked="" type="checkbox"/>		LV432641 <input checked="" type="checkbox"/>		
	380-415 V	LV429435		LV431542		LV432642		31410
	440-480 V	LV429435		LV431542		LV432647		30950
DC	24-30 V	LV429436	25855	LV431543	28035	LV432643	37055	
	48-60 V	LV429437		LV431544		LV432644		
	110-130 V	LV429438		LV431545		LV432645		
	250 V	LV429439		LV431546		LV432646		

(1) With every Motor Mechanism, please order 1 no. auxiliary contact additionally. For other voltages of motor mechanism please consult Customer Care.

Description	100/160/250A Reference	Unit LP [₹]	400/630A Reference	Unit LP [₹]
<b>Locking of Motor Mechanism</b>				
Keylock adaptor + Ronis keylock (special)	LV429449	2595	-	-
Locking Device	-	-	LV432649	790
Ronis Keylock	-	-	41940 <input checked="" type="checkbox"/>	3475
Profalux Keylock	-	-	42888	5870
Torque Limiting Screws (Set of 12)	LV429513	1835	LV432513	2155

## Monitoring and Control, test tools- Compact and NSX100 - 630

### Monitoring and Control (Remote Operation)

Description	Reference	Unit LP [₹]
<b>ULP Display Module</b>		
Switchboard front display module FDM121	TRV00121 <input checked="" type="checkbox"/>	10685
<b>ULP Wiring Accessories</b>		
NSX cord L = 0.35 m	LV434200	2460
NSX cord L = 1.3 m	LV434201	2500
5 RJ45/RJ45 MALE Cord L = 1m	TRV00810	2330
10 Stacking connectors for COM interface	TRV00217	3630
<b>ULP Communication Module</b>		
IFM MODBUS Interface Module	LV434000	9330
BSCM ( Breaker Status and Control Module)	LV434205 <input checked="" type="checkbox"/>	7860
<b>Power Supply Modules</b>		
<b>External power supply module 24 V DC-1 A OVC IV</b>		
24-30 V DC	54440	13530
48-60 V DC	54441	13530
100-125 V AC	54442	13530
110-130 V AC	54443	15180
200-240 V AC	54444 <input checked="" type="checkbox"/>	15180
380-415 V AC	54445	15180
Pocket battery for Micrologic NSX100-630	LV434206	15550

Maintenance Module for advanced configuration and testing, contact our nearest Sales office.

ULP = Universal Logic Plug

For details on non-standard references, technical parameters, stockable and non-stockable status, please contact Customer Care Centre.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018



Direct Rotary Handle



Extended Rotary Handle



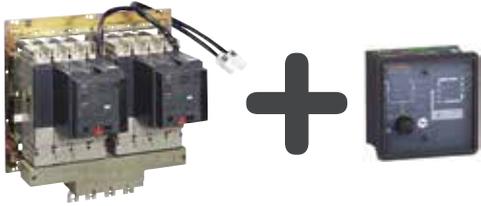
Plug in Base



Draw-Out Chassis Kit

Description	100/160/250A Reference	Unit LP [₹]	400/630A Reference	Unit LP [₹]
<b>Rotary Handles</b>				
Standard direct black handle	LV429337 <input checked="" type="checkbox"/>	1070	LV432597 <input checked="" type="checkbox"/>	1605
Standard extended rotary handle	LV429338 <input checked="" type="checkbox"/>	1700	LV432598 <input checked="" type="checkbox"/>	3020
<b>Plug in Base (Complete Kit)</b>				
3 Pole	LV429289 <input checked="" type="checkbox"/>	7650	LV432538 <input checked="" type="checkbox"/>	17560
4 Pole	LV429290 <input checked="" type="checkbox"/>	9900	LV432539 <input checked="" type="checkbox"/>	21880
<b>Draw-Out Chassis Kit</b>				
3 Pole				
Plug In base	LV429289 <input checked="" type="checkbox"/>	7650	LV432538 <input checked="" type="checkbox"/>	17560
Chassis Side Plate for base	LV429282 <input checked="" type="checkbox"/>	10170	LV432532 <input checked="" type="checkbox"/>	12885
Chassis Side Plate for breaker	LV429283 <input checked="" type="checkbox"/>	5385	LV432533 <input checked="" type="checkbox"/>	7505
4 Pole				
Plug In base	LV429290 <input checked="" type="checkbox"/>	9900	LV432539 <input checked="" type="checkbox"/>	21880
Chassis Side Plate for base	LV429282 <input checked="" type="checkbox"/>	10170	LV432532 <input checked="" type="checkbox"/>	12885
Chassis Side Plate for breaker	LV429283 <input checked="" type="checkbox"/>	5385	LV432533 <input checked="" type="checkbox"/>	7505
<b>Plug In / Withdrawable version Accessories</b>				
<b>Automatic Auxilliary Connectors</b>				
1 9-wire fixed connector (for base)	LV429273	1060	LV429273	1060
1 9-wire moving connector (for circuit breaker)	LV429274	740	LV432523 <input checked="" type="checkbox"/>	790
1 support for 2 moving connectors	LV429275	565	LV432525 <input checked="" type="checkbox"/>	565
<b>Manual Auxilliary Connectors</b>				
9-wire manual auxiliary connector (fixed + moving)	LV429272	3640	LV429272	3640

**Note:** Above auxiliary connectors to be used with Plug-in and Withdrawable MCCB when Auxiliary Contact, Shunt, UnderVoltage or Motor Mechanism is used.



### BA controller (basic)

- Monitoring of "Normal" source & "Automatic" transfer
- Circuit breaker status indication on front of controller: ON, OFF & fault trip
- Voluntary transfer to "Replacement" source (e.g. energy management commands)

### UA controller (advanced)

- Monitoring of "normal" source & "Automatic" transfer
- Circuit breaker status indication on front of controller: on, off & fault trip
- Voluntary transfer to "replacement" source (e.g. energy management commands)
- Delayed (adjustable) shutdown of generator set
- Load shedding & reconnection of non-priority loads
- Transfer to "Replacement" source if one of the phases of the "Normal" phase is absent
- During peak tariff period (energy management commands) forced operation on "Normal" source if "Replacement" source not operational

With NSX100F - NSX630F 36kA 3P MCCB

Breaker for Normal Supply	Breaker for Replacement Supply	3P BA Controller Reference	Unit MRP [₹]	3P UA Controller Reference	Unit MRP [₹]
NSX100F	NSX100F	LV4A3F100100B4	206765	LV4A3F100100U4	226275
NSX160F	NSX100F	LV4A3F160100B4	213375	LV4A3F160100U4	232875
NSX160F	NSX160F	LV4A3F160160B4	219495	LV4A3F160160U4	239005
NSX250F	NSX100F	LV4A3F250100B4	227140	LV4A3F250100U4	246645
NSX250F	NSX160F	LV4A3F250160B4	233750	LV4A3F250160U4	253260
NSX250F	NSX250F	LV4A3F250250B4	247460	LV4A3F250250U4	266970
NSX400F	NSX100F	LV4A3F400100B4*	265340	LV4A3F400100U4*	267965
NSX400F	NSX160F	LV4A3F400160B4*	270925	LV4A3F400160U4*	274015
NSX400F	NSX250F	LV4A3F400250B4*	271405	LV4A3F400250U4*	278130
NSX400F	NSX400F	LV4A3F400400B4	304410	LV4A3F400400U4	323905
NSX630F	NSX160F	LV4A3F630160B4*	244255	LV4A3F630160U4*	261655
NSX630F	NSX250F	LV4A3F630250B4*	255420	LV4A3F630250U4*	272810
NSX630F	NSX400F	LV4A3F630400B4	307435	LV4A3F630400U4	326945
NSX630F	NSX630F	LV4A3F630630B4	310415	LV4A3F630630U4	329920

With NSX100F - NSX630F 36kA 4P MCCB

Breaker for Normal Supply	Breaker for Replacement Supply	4P BA Controller Reference	Unit MRP [₹]	4P UA Controller Reference	Unit MRP [₹]
NSX100F	NSX100F	LV4A4F100100B4	214955	LV4A4F100100U4	234450
NSX160F	NSX100F	LV4A4F160100B4	222370	LV4A4F160100U4	241875
NSX160F	NSX160F	LV4A4F160160B4	224380	LV4A4F160160U4	243885
NSX250F	NSX100F	LV4A4F250100B4	238510	LV4A4F250100U4	258015
NSX250F	NSX160F	LV4A4F250160B4	245885	LV4A4F250160U4	265390
NSX250F	NSX250F	LV4A4F250250B4	249550	LV4A4F250250U4	267300
NSX400F	NSX100F	LV4A4F400100B4*	265740	LV4A4F400100U4*	268830
NSX400F	NSX160F	LV4A4F400160B4*	272950	LV4A4F400160U4*	275300
NSX400F	NSX250F	LV4A4F400250B4*	275010	LV4A4F400250U4*	284735
NSX400F	NSX400F	LV4A4F400400B4	317405	LV4A4F400400U4	336915
NSX630F	NSX160F	LV4A4F630160B4*	265175	LV4A4F630160U4*	282575
NSX630F	NSX250F	LV4A4F630250B4*	277320	LV4A4F630250U4*	294705
NSX630F	NSX400F	LV4A4F630400B4	328625	LV4A4F630400U4	348130
NSX630F	NSX630F	LV4A4F630630B4	339790	LV4A4F630630U4	359295

\* Downstream coupling accessories are not available.

### Note:

Each reference consists of:

- 2 MCCBs with Motor mechanism & Standard Trip Units.
- 4 Auxiliary contacts 2OF + 2SDE
- 1 Base Plate with IVE unit for mechanical & electrical interlocking
- 1 Downstream coupling accessory is supplied only when both the MCCB are of same Frame size
- Control Unit UA or BA

ATS upto 250A are provided with TMD type trip unit & for 400/630A with Micrologic 2 trip unit as standard.

ATS with MCCBs of other breaking capacities & other versions of trip units can also be supplied. Prices available on request.

Above given references with BA/UA controller are suitable for 415VAC control supply.

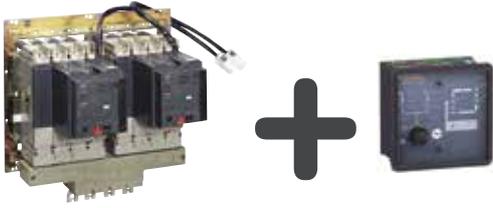
UA controller with 220/240V AC is not available

Replace suffix "4" by "2" for BA controller with 220/240V AC control supply.

For details on non-standard references, technical parameters, stockable and non-stockable status, please contact Customer Care Centre.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018



### BA controller (basic)

- Monitoring of "Normal" source & "Automatic" transfer
- Circuit breaker status indication on front of controller: ON, OFF & fault trip
- Voluntary transfer to "Replacement" source (e.g. energy management commands)

### UA controller (advanced)

- Monitoring of "Normal" source & "Automatic" transfer.
- Circuit breaker status indication on front of controller: ON, OFF & fault trip
- Voluntary transfer to "Replacement" source (e.g. energy management commands)
- Delayed (adjustable) shutdown of generator set.
- Load shedding & reconnection of non-priority loads.
- Transfer to "Replacement" source if one of the phases of the "Normal" phase is absent
- During peak tariff period (energy management commands) forced operation on "Normal" source if "Replacement" source not operational

With NSX100N - NSX630N 50kA 3P MCCB

Breaker for Normal Supply	Breaker for Replacement Supply	3P BA Controller Reference	Unit MRP [₹]	3P UA Controller Reference	Unit MRP [₹]
NSX100N	NSX100N	LV4A3N100100B4	210565	LV4A3N100100U4	230075
NSX160N	NSX100N	LV4A3N160100B4	219010	LV4A3N160100U4	238510
NSX160N	NSX160N	LV4A3N160160B4	223245	LV4A3N160160U4	242745
NSX250N	NSX100N	LV4A3N250100B4	229310	LV4A3N250100U4	248820
NSX250N	NSX160N	LV4A3N250160B4	237755	LV4A3N250160U4	257255
NSX250N	NSX250N	LV4A3N250250B4	248110	LV4A3N250250U4	267605
NSX400N	NSX100N	LV4A3N400100B4*	266100	LV4A3N400100U4*	268500
NSX400N	NSX160N	LV4A3N400160B4*	271500	LV4A3N400160U4*	275200
NSX400N	NSX250N	LV4A3N400250B4*	273500	LV4A3N400250U4*	278500
NSX400N	NSX400N	LV4A3N400400B4	308300	LV4A3N400400U4	327810
NSX630N	NSX160N	LV4A3N630160B4*	251685	LV4A3N630160U4*	269080
NSX630N	NSX250N	LV4A3N630250B4*	260415	LV4A3N630250U4*	277805
NSX630N	NSX400N	LV4A3N630400B4	312865	LV4A3N630400U4	332365
NSX630N	NSX630N	LV4A3N630630B4	317405	LV4A3N630630U4	336915

With NSX100N - NSX630N 50kA 4P MCCB

Breaker for Normal Supply	Breaker for Replacement Supply	4P BA Controller Reference	Unit MRP [₹]	4P UA Controller Reference	Unit MRP [₹]
NSX100N	NSX100N	LV4A4N100100B4	218085	LV4A4N100100U4	237595
NSX160N	NSX100N	LV4A4N160100B4	225560	LV4A4N160100U4	245070
NSX160N	NSX160N	LV4A4N160160B4	225995	LV4A4N160160U4	245505
NSX250N	NSX100N	LV4A4N250100B4	240475	LV4A4N250100U4	259975
NSX250N	NSX160N	LV4A4N250160B4	247945	LV4A4N250160U4	267450
NSX250N	NSX250N	LV4A4N250250B4	262785	LV4A4N250250U4	268855
NSX400N	NSX100N	LV4A4N400100B4*	268200	LV4A4N400100U4*	274005
NSX400N	NSX160N	LV4A4N400160B4*	273200	LV4A4N400160U4*	280615
NSX400N	NSX250N	LV4A4N400250B4*	275465	LV4A4N400250U4*	292875
NSX400N	NSX400N	LV4A4N400400B4	329665	LV4A4N400400U4	349160
NSX630N	NSX160N	LV4A4N630160B4*	272705	LV4A4N630160U4*	290100
NSX630N	NSX250N	LV4A4N630250B4*	284950	LV4A4N630250U4*	302350
NSX630N	NSX400N	LV4A4N630400B4	340325	LV4A4N630400U4	359835
NSX630N	NSX630N	LV4A4N630630B4	350995	LV4A4N630630U4	370515

\* Downstream coupling accessories are not available.

### Note:

Each reference consists of:

- 2 MCCBs with Motor mechanism & Standard Trip Units.
- 4 Auxiliary contacts 2OF + 2SDE
- 1 Base Plate with IVE unit for mechanical & electrical interlocking
- 1 Downstream coupling accessory is supplied only when both the MCCB are of same Frame size.
- Control Unit UA or BA

ATS upto 250A are provided with TMD type trip unit & for 400/630A with Micrologic 2 trip unit as standard.

ATS with MCCBs of other breaking capacities & other versions of trip units can also be supplied. Prices available on request.

Above given references with BA/UA controller are suitable for 415V AC control supply.

UA controller with 220/240V AC is not available

Replace suffix "4" by "2" for BA controller with 220/240V AC control supply.

For details on non-standard references, technical parameters, stockable and non-stockable status, please contact Customer Care Centre.

☑ NORMAL STOCK ITEMS

W.E.F. March 12, 2018

# Compact NS

## Simply A Step Ahead

### Circuit breakers and switch-disconnectors from 800 to 3200A

- Category B MCCBs
- Ethernet based monitoring, control, alarm notification for energy, asset and network management
- Built-in energy metering with combined accuracy class of 2% for improved energy efficiency
- Total Discrimination
- Breaking Capacity upto 150kA



**2** sizes:

from 800 to 3200A



Compact NS800A to 1600



Compact NS1600b to 3200



Micrologic without Display

Micrologic A

Micrologic E

Micrologic P

<b>LB 200kA</b>	■	■			
<b>L 150kA</b>	■	■	■		
<b>H 70kA</b>	■	■	■	■	■
<b>n 50kA</b>	■	■	■	■	■
	NS630b	NS800	NS1000	NS1250	NS1600

<b>H 85kA</b>	■	■	■	■
<b>N 70kA</b>	■	■	■	■
	NS1600b	NS2300	NS2500	NS3200

For details on non-standard references, technical parameters, stockable and non-stockable status, please contact Customer Care Centre.

☑ NORMAL STOCK ITEMS

W.E.F. March 12, 2018

With Micrologic Trip Units (Common for ACBs & MCCBs) - Unique Feature of Schneider Electric devices



With Micrologic 2.0 Manual Fixed

- LED overload alarm indicator
- Test Facility
- Adjustable neutral protection - N, N/2, OFF for 4 Pole MCCBs
- Adjustable overload (I<sub>r</sub>) 0.4 - 1 x I<sub>n</sub>
- Short circuit (Instantaneous) 1.5 - 10 x I<sub>r</sub>

Breaking Capacity Icu as per IEC 60947-2	Rated Current [A]	Three Pole Reference	Unit LP [₹]	Four Pole Reference	Unit LP [₹]
<b>With Direct Rotary Handle</b>					
50kA	800	INA_3P33466D <input checked="" type="checkbox"/>	59570	INA_4P33469D	77930
	1000	INA_3P33472D	76460	INA_4P33475D	110940
	1250	INA_3P33478D	95340	INA_4P33480D	146210
70kA	800	INA_3P33467D	72810	INA_4P33470D	93060
	1000	INA_3P33473D	96340	INA_4P33476D	144850
	1250	INA_3P33479D	120210	INA_4P33481D	159560
<b>With Extended Rotary Handle</b>					
50kA	800	INA_3P33466E <input checked="" type="checkbox"/>	63190	INA_4P33469E <input checked="" type="checkbox"/>	82100
	1000	INA_3P33472E <input checked="" type="checkbox"/>	82190	INA_4P33475E <input checked="" type="checkbox"/>	118370
	1250	INA_3P33478E <input checked="" type="checkbox"/>	98080	INA_4P33480E	149470
70kA	800	INA_3P33467E	76820	INA_4P33470E	97680
	1000	INA_3P33473E	100950	INA_4P33476E	151040
	1250	INA_3P33479E	120840	INA_4P33481E	166140



With Micrologic 6.0.A Manual Fixed

- LED overload alarm indicator
- Test Facility
- Adjustable neutral protection - N, N/2, OFF
- With ammeter display & bargraph (Bargraph is unique feature of Schneider MCCB)
- Zone Selective Interlocking
- Communication optional
- Individual fault indication by LED

Breaking Capacity Icu as per IEC 60947-2	Rated Current [A]	Three Pole Reference	Unit LP [₹]	Four Pole Reference	Unit LP [₹]
<b>With Direct Rotary Handle</b>					
50kA	800	INA_3P96466D	84380	INA_4P96469D	102740
	1000	INA_3P96472D	101260	INA_4P96475D	135750
	1250	INA_3P96478D	118770	INA_4P96480D	168650
70kA	800	INA_3P96467D	97620	INA_4P96470D	117870
	1000	INA_3P96473D	121140	INA_4P96476D	169670
	1250	INA_3P96479D	143160	INA_4P96481D	184370
<b>With Extended Rotary Handle</b>					
50kA	800	INA_3P96466E	88640	INA_4P96469E	107640
	1000	INA_3P96472E	106090	INA_4P96475E	153145
	1250	INA_3P96478E	121720	INA_4P96480E	170390
70kA	800	INA_3P96467E	102370	INA_4P96470E	123230
	1000	INA_3P96473E	126500	INA_4P96476E	176550
	1250	INA_3P96479E	144950	INA_4P96481E	189790

Remarks: Trip Unit Micrologic 6.0.A

Parameter	Description	Setting
I <sub>r</sub>	Adjustable Overload Current	0.4 - 1 x I <sub>n</sub>
t <sub>r</sub>	Adjustable Overload time delay	0.5 - 24 sec
I <sub>sd</sub>	Adjustable Short Circuit Current	1.5 - 10 x I <sub>r</sub>
t <sub>sd</sub>	Adjustable Short Circuit time delay	0.1 - 0.4sec & OFF (I <sub>r</sub> ON/OFF)
I <sub>i</sub>	Adjustable Instantaneous Current	2 - 15 x I <sub>n</sub> & OFF
I <sub>g</sub>	Adjustable Earth Fault Current	0.2 - I <sub>n</sub> (for <1250A) / 500 - 1200A (for >=1250A)
t <sub>g</sub>	Adjustable Earth Fault time delay	0.1 - 0.4sec & OFF (I <sub>r</sub> ON/OFF)

## Display shows readings of I<sub>1</sub>, I<sub>2</sub>, I<sub>3</sub>, I<sub>n</sub> & Earth Fault Current Value. Also Maximeters of Three Phase Currents are stored & displayed.

LED bargraph shows the % loading on each phase

**Note:** For above MCCB with trip unit Micrologic 5.0, 5.0A, 5.0P, 6.0P and MCCB with higher breaking capacities, contact our nearest Sales Office

Functionality of all the above Micrologic is same as that of Masterpact NT/NW ACB.

For details on non-standard references, technical parameters, stockable and non-stockable status, please contact Customer Care Centre.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

With Micrologic Trip Units (Common for ACBs & MCCBs) - Unique Feature of Schneider Electric devices



With Micrologic 2.0E Manual Fixed (With Embedded Energy Metering)

- LED overload alarm indicator
- Measurement: Ammeter, current demand, voltages (ph-ph, ph-N & unbalance), Power (P,Q,S), power factor, power demand, Energy (Ep, Eq, Es)
- Adjustable neutral protection - N, N/2, OFF for 4 Pole MCCBs
- Communication option & M2C programmable contacts
- Adjustable overload (Ir) 0.4 - 1 x In
- Short circuit (Instantaneous) 1.5 - 10 x Ir

Breaking Capacity Icu as per IEC 60947-2	Rated Current [A]	Three Pole Reference	Unit LP [₹]	Four Pole Reference	Unit LP [₹]
<b>With Direct Rotary Handle</b>					
50kA	800	INA_8N3PFM2ED1	87180	INA_8N4PFM2ED1	101220
	1000	INA_10N3PFM2ED1	99635	INA_10N4PFM2ED1	145820
	1250	INA_12N3PFM2ED1	123700	INA_12N4PFM2ED1	179710
70kA	800	INA_8H3PFM2ED1	102180	INA_8H4PFM2ED1	125400
	1000	INA_10H3PFM2ED1	129030	INA_10H4PFM2ED1	184670
	1250	INA_12H3PFM2ED1	151140	INA_12H4PFM2ED1	201470
<b>With Extended Rotary Handle</b>					
50kA	800	INA_8N3PFM2EE1	89160	INA_8N4PFM2EE1	103045
	1000	INA_10N3PFM2EE1	108605	INA_10N4PFM2EE1	147780
	1250	INA_12N3PFM2EE1	136600	INA_12N4PFM2EE1	182095
70kA	800	INA_8H3PFM2EE1	104385	INA_8H4PFM2EE1	127310
	1000	INA_10H3PFM2EE1	131060	INA_10H4PFM2EE1	186630
	1250	INA_12H3PFM2EE1	153130	INA_12H4PFM2EE1	203490



With Micrologic 6.0E Manual Fixed (With Embedded Energy Metering)

- LED overload alarm indicator
- Measurement: Ammeter, current demand, voltages (ph-ph, ph-N & unbalance), Power (P,Q,S), power factor, power demand, Energy (Ep, Eq, Es)
- Adjustable neutral protection - N, N/2, OFF
- With ammeter display & bargraph ## (Bargraph is unique feature of Schneider MCCB)
- Zone Selective Interlocking
- Communication optional
- Individual fault indication by LED

Breaking Capacity Icu as per IEC 60947-2	Rated Current [A]	Three Pole Reference	Unit LP [₹]	Four Pole Reference	Unit LP [₹]
<b>With Direct Rotary Handle</b>					
50kA	800	INA_8N3PFM6ED1	92300	INA_8N4PFM6ED1	117670
	1000	INA_10N3PFM6ED1	125260	INA_10N4PFM6ED1	163835
	1250	INA_12N3PFM6ED1	141615	INA_12N4PFM6ED1	191780
70kA	800	INA_8H3PFM6ED1	116400	INA_8H4PFM6ED1	141710
	1000	INA_10H3PFM6ED1	148270	INA_10H4PFM6ED1	204450
	1250	INA_12H3PFM6ED1	170520	INA_12H4PFM6ED1	221480
<b>With Extended Rotary Handle</b>					
50kA	800	INA_8N3PFM6EE1	97965	INA_8N4PFM6EE1	119555
	1000	INA_10N3PFM6EE1	126220	INA_10N4PFM6EE1	165750
	1250	INA_12N3PFM6EE1	143585	INA_12N4PFM6EE1	195770
70kA	800	INA_8H3PFM6EE1	117360	INA_8H4PFM6EE1	143800
	1000	INA_10H3PFM6EE1	150190	INA_10H4PFM6EE1	206450
	1250	INA_12H3PFM6EE1	172550	INA_12H4PFM6EE1	221515

Remarks: Trip Unit Micrologic 6.0E

Parameter	Description	Setting
Ir	Adjustable Overload Current	0.4 - 1 x In
tr	Adjustable Overload time delay	0.5 - 24 sec
I <sub>sd</sub>	Adjustable Short Circuit Current	1.5 - 10 x Ir
t <sub>sd</sub>	Adjustable Short Circuit time delay	0.1 - 0.4sec & OFF (I <sup>2</sup> t ON/OFF)
I <sub>i</sub>	Adjustable Instantaneous Current	2 - 15 x In & OFF
I <sub>g</sub>	Adjustable Earth Fault Current	0.2 - In (for <1250A) / 500 - 1200A (for >=1250A)
t <sub>g</sub>	Adjustable Earth Fault time delay	0.1 - 0.4sec & OFF (I <sup>2</sup> t ON/OFF)

## Display shows readings of I1, I2, I3, In & Earth Fault Current Value. Also Maximeters of Three Phase Currents are stored & displayed. LED bargraph shows the % loading on each phase

Note: For above MCCB with trip unit Micrologic 5.0, 5.0A, 5.0P, 6.0P and MCCB with higher breaking capacities, contact our nearest Sales Office  
Functionality of all the above Micrologic is same as that of Masterpact NT/NW ACB.

For details on non-standard references, technical parameters, stockable and non-stockable status, please contact Customer Care Centre.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

With Micrologic Trip Units ( Common for ACBs & MCCBs) - Unique Feature of Schneider Electric devices



### With Micrologic 2.0 Electrical Fixed

- LED overload alarm indicator
- Test Facility
- Adjustable neutral protection - N, N/2, OFF for 4 Pole MCCBs
- Adjustable overload (Ir) 0.4 - 1 x In
- Short circuit (instantaneous) 1.5 - 10 x Ir

Breaking Capacity Icu as per IEC 60947-2	Rated Current [A]	Three Pole Reference	Unit LP [₹]	Four Pole Reference	Unit LP [₹]
<b>For Control Voltage 220/240V AC</b>					
50kA	800	INA_3P93280_20	107750	INA_4P93284_20	122375
	1000	INA_3P93290_20	126815	INA_4P93294_20	165645
	1250	INA_3P93300_20	143850	INA_4P93304_20	198925
70kA	800	INA_3P93281_20	122705	INA_4P93285_20	145560
	1000	INA_3P93291_20	149145	INA_4P93295_20	203840
	1250	INA_3P93301_20	170830	INA_4P93305_20	220350
<b>For Control Voltage 415V AC</b>					
50kA	800	INA_3P93280_40	107750	INA_4P93284_40	122375
	1000	INA_3P93290_40	126815	INA_4P93294_40	165645
	1250	INA_3P93300_40	143850	INA_4P93304_40	198925
70kA	800	INA_3P93281_40	122705	INA_4P93285_40	145560
	1000	INA_3P93291_40	149145	INA_4P93295_40	203840
	1250	INA_3P93301_40	170830	INA_4P93305_40	220350



### With Micrologic 6.0.A Electrical Fixed

- LED overload alarm indicator
- Test Facility
- Adjustable neutral protection - N, N/2, OFF
- With ammeter display & bargraph ## (Bargraph is unique feature of Schneider MCCB)
- Zone Selective Interlocking
- Communication optional
- Individual fault indication by LED

Breaking Capacity Icu as per IEC 60947-2	Rated Current [A]	Three Pole Reference	Unit LP [₹]	Four Pole Reference	Unit LP [₹]
<b>For Control Voltage 220/240V AC</b>					
50kA	800	INA_3P96280_20	135685	INA_4P96284_20	156345
	1000	INA_3P96290_20	154750	INA_4P96294_20	193590
	1250	INA_3P96300_20	165175	INA_4P96304_20	218125
70kA	800	INA_3P96281_20	150640	INA_4P96285_20	173495
	1000	INA_3P96291_20	177070	INA_4P96295_20	231775
	1250	INA_3P96301_20	198760	INA_4P96305_20	248275
<b>For Control Voltage 415V AC</b>					
50kA	800	INA_3P96280_40	135685	INA_4P96284_40	156345
	1000	INA_3P96290_40	154750	INA_4P96294_40	193590
	1250	INA_3P96300_40	165175	INA_4P96304_40	218125
70kA	800	INA_3P96281_40	150640	INA_4P96285_40	173495
	1000	INA_3P96291_40	177070	INA_4P96295_40	231775
	1250	INA_3P96301_40	198760	INA_4P96305_40	248275

Remarks: Trip Unit Micrologic 6.0.A

Parameter	Description	Setting
Ir	Adjustable Overload Current	0.4 - 1 x In
tr	Adjustable Overload time delay	0.5 - 24 sec
Iscd	Adjustable Short Circuit Current	1.5 - 10 x Ir
tsd	Adjustable Short Circuit time delay	0.1 - 0.4sec & OFF (I <sup>2</sup> t ON/OFF)
Ii	Adjustable Instantaneous Current	2 - 15 x In & OFF
Ig	Adjustable Earth Fault Current	0.2 - In (for <1250A) / 500 - 1200A (for >=1250A)
tg	Adjustable Earth Fault time delay	0.1 - 0.4sec & OFF (I <sup>2</sup> t ON/OFF)

## Display shows Readings of I1, I2, I3, In & Earth Fault Current Value. Also Maximeters of Three Phase Currents are stored & displayed. LED bargraph shows the % loading on each phase

Note: For above MCCB with trip unit Micrologic 5.0, 5.0A, 5.0P, 6.0P and MCCB with higher breaking capacities, contact our nearest Sales Office  
Functionality of all the above Micrologic is same as that of Masterpact NT/NW ACB.

For details on non-standard references, technical parameters, stockable and non-stockable status, please contact Customer Care Centre.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

With Micrologic Trip Units (Common for ACBs & MCCBs) - Unique Feature of Schneider Electric devices



With Micrologic 2.0E Electrical Fixed (With Embedded Energy Metering)

- LED overload alarm indicator
- Measurement: Ammeter, current demand, voltages (ph-ph, ph-N & unbalance), Power (P,Q,S), power factor, power demand, Energy (Ep, Eq, Es)
- Adjustable neutral protection - N, N/2, OFF for 4 Pole MCCBs
- Adjustable overload (Ir) 0.4 - 1 x In
- Short circuit (instantaneous) 1.5 - 10 x Ir

Breaking Capacity Icu as per IEC 60947-2	Rated Current [A]	Three Pole Reference	Unit LP [₹]	Four Pole Reference	Unit LP [₹]
<b>For Control Voltage 220/240V AC</b>					
50kA	800	INA_8N3PFE2E0120	128390	INA_8N4PFE2E0120	149725
	1000	INA_10N3PFE2E0120	147690	INA_10N4PFE2E0120	187230
	1250	INA_12N3PFE2E0120	165440	INA_12N4PFE2E0120	221070
70kA	800	INA_8H3PFE2E0120	141080	INA_8H4PFE2E0120	166760
	1000	INA_10H3PFE2E0120	170440	INA_10H4PFE2E0120	226030
	1250	INA_12H3PFE2E0120	192460	INA_12H4PFE2E0120	242810
<b>For Control Voltage 415V AC</b>					
50kA	800	INA_8N3PFE2E0140	128390	INA_8N4PFE2E0140	149725
	1000	INA_10N3PFE2E0140	147690	INA_10N4PFE2E0140	187230
	1250	INA_12N3PFE2E0140	165440	INA_12N4PFE2E0140	221070
70kA	800	INA_8H3PFE2E0140	141080	INA_8H4PFE2E0140	166760
	1000	INA_10H3PFE2E0140	170440	INA_10H4PFE2E0140	226030
	1250	INA_12H3PFE2E0140	192460	INA_12H4PFE2E0140	242810

With Micrologic 6.0E Electrical Fixed (With Embedded Energy Metering)

- LED overload alarm indicator
- Measurement: Ammeter, current demand, voltages (ph-ph, ph-N, unbalance), Power (P,Q,S), power factor, power demand, Energy (Ep,Eq,Es)
- Adjustable neutral protection - N, N/2, OFF
- With ammeter display & bargraph ## (Bargraph is unique feature of Schneider MCCB)
- Zone Selective Interlocking
- Communication optional
- Individual fault indication by LED

Breaking Capacity Icu as per IEC 60947-2	Rated Current [A]	Three Pole Reference	Unit LP [₹]	Four Pole Reference	Unit LP [₹]
<b>For Control Voltage 220/240V AC</b>					
50kA	800	INA_8N3PFE6E0120	145930	INA_8N4PFE6E0120	162485
	1000	INA_10N3PFE6E0120	165330	INA_10N4PFE6E0120	204750
	1250	INA_12N3PFE6E0120	182640	INA_12N4PFE6E0120	239200
70kA	800	INA_8H3PFE6E0120	161170	INA_8H4PFE6E0120	184360
	1000	INA_10H3PFE6E0120	188030	INA_10H4PFE6E0120	243620
	1250	INA_12H3PFE6E0120	210090	INA_12H4PFE6E0120	260450
<b>For Control Voltage 415V AC</b>					
50kA	800	INA_8N3PFE6E0140	145930	INA_8N4PFE6E0140	162485
	1000	INA_10N3PFE6E0140	165330	INA_10N4PFE6E0140	204750
	1250	INA_12N3PFE6E0140	182640	INA_12N4PFE6E0140	239200
70kA	800	INA_8H3PFE6E0140	161170	INA_8H4PFE6E0140	184360
	1000	INA_10H3PFE6E0140	188030	INA_10H4PFE6E0140	243620
	1250	INA_12H3PFE6E0140	210090	INA_12H4PFE6E0140	260450

## Accessories

For Compact NS800 - 1600A

Type	Voltage	Shunt Release Reference	Unit LP [₹]	Undervoltage Reference	Unit LP [₹]
<b>Voltage Releases</b>					
AC 50/60 Hz	24 V	33659	5100	33668	5200
	48 V	33660	5100	33669	5200
	110-130 V	33661 <input checked="" type="checkbox"/>	5100	33670	5200
	220-240 V	33662 <input checked="" type="checkbox"/>	5100	33671 <input checked="" type="checkbox"/>	5200
	380-415 V	33664	5100	33673 <input checked="" type="checkbox"/>	5200
DC	24 V	33659	5100	33668	5200
	48 V	33660	5100	33669	5200
	125 V	33661 <input checked="" type="checkbox"/>	5100	33670	5200
	250 V	33662 <input checked="" type="checkbox"/>	5100	33671 <input checked="" type="checkbox"/>	5200

Description	NS800 to 1600 Reference	Unit LP [₹]
Spreaders (Set of 3) 3P	33622 <input checked="" type="checkbox"/>	8500
Spreaders (Set of 4) 4P	33623 <input checked="" type="checkbox"/>	10580

For details on non-standard references, technical parameters, stockable and non-stockable status, please contact Customer Care Centre.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

The easy choice for quality and value

# EasyPact CVS

LV circuit breakers from 16A to 800A



Safe



Reliable



Simple

# EasyPact CVS

## Easy Choice for Quality and Value



- EasyPact CVS MCCBs upto 630A is the easy choice for all your most common electrical distribution applications
- Encapsulated double break roto technique ensures outstanding current limiting capability
- High electrical / mechanical endurance for enhanced service life
- Single accessory reference for different functions – on/off, trip and fault trip – improves shop floor efficiency
- Separate electrical fault indication for ease of fault diagnosis
- Suitable for isolation

### Range Details:

- Breaking capacity 25kA to 50kA,  $I_{cs} = 100\% I_{cu}$
- TMD & Microprocessor trip units (400 & 630A) are available
- 3P & 4P versions available
- Common accessories upto 630A

For details on non-standard references, technical parameters, stockable and non-stockable status, please contact Customer Care Centre.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

With Thermal Magnetic Trip Unit (TMD)



- Range upto 100A
- 3P and 4P version available

Breaking Capacity as per IEC 60947-2	Rated Current	Three Pole Reference	Unit MRP [₹]	Four Pole Reference	Unit MRP [₹]
EasyPact CVS 100 BS Overload Setting (Ir) 0.8 - 1 x In					
25kA*	16A	LV510930	5740	LV510950	7780
	20A	LV510931	5740	LV510951	7780
	25A	LV510932	5740	LV510952	7780
	32A	LV510933	5740	LV510953	7780
	40A	LV510934	5740	LV510954	7780
	50A	LV510935	5740	LV510955	7780
	63A	LV510936	5740	LV510956	7780
	80A	LV510937	5740	LV510957	7780
	100A	LV510938	5740	LV510958	7780

## Accessories

Description	CVS100BS Reference	Unit LP [₹]
<b>Auxiliary contacts (changeover) Multifunction</b>		
Auxiliary Switch 1 C/O	EZAUX10 <input checked="" type="checkbox"/>	740
Alarm Switch 1 C/O	EZAUX01	740
Alarm - Auxiliary Switch	EZAUX11 <input checked="" type="checkbox"/>	1105
<b>Spreaders</b>		
Spreaders *(Set Of 3) 3P	EZASPDR3P <input checked="" type="checkbox"/>	300
Spreaders *(Set Of 4) 4P	EZASPDR4P <input checked="" type="checkbox"/>	400
<b>Rotary Handle</b>		
Direct Rotary handle	EZAROTDS <input checked="" type="checkbox"/>	1055
Extended Rotary handle	EZAROTE	1580
<b>Shunt Release</b>		
<b>AC</b>		
100-130 V	EZASHT100AC	1580
200-277 V	EZASHT200AC <input checked="" type="checkbox"/>	1580
380-480 V	EZASHT380AC	1580
<b>DC</b>		
24 V	EZASHT024DC	1580
48 V	EZASHT048DC	1580

\*Ics=17kA

For details on non-standard references, technical parameters, stockable and non-stockable status, please contact Customer Care Centre.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

• Ics = 100% Icu as per IEC 60947-2

Breaking Capacity as per IEC 60947-2	Rated Current	Three Pole Reference	Unit MRP [₹]	Four Pole Reference	Unit MRP [₹]
EasyPact CVS 100 to 630A Overload Setting (Ir) 0.7 - 1 x In					
25kA	16A	LV510300 <input checked="" type="checkbox"/>	6250	LV510310	8640
	25A	LV510301 <input checked="" type="checkbox"/>	6250	LV510311 <input checked="" type="checkbox"/>	8640
	32A	LV510302 <input checked="" type="checkbox"/>	6250	LV510312 <input checked="" type="checkbox"/>	8640
	40A	LV510303 <input checked="" type="checkbox"/>	6250	LV510313 <input checked="" type="checkbox"/>	8640
	50A	LV510304 <input checked="" type="checkbox"/>	6250	LV510314	8640
	63A	LV510305 <input checked="" type="checkbox"/>	6250	LV510315 <input checked="" type="checkbox"/>	8640
	80A	LV510306 <input checked="" type="checkbox"/>	6250	LV510316 <input checked="" type="checkbox"/>	8640
	100A	LV510307 <input checked="" type="checkbox"/>	6250	LV510317 <input checked="" type="checkbox"/>	8640
	125A	LV516302 <input checked="" type="checkbox"/>	9030	LV516312 <input checked="" type="checkbox"/>	10940
	160A	LV516303 <input checked="" type="checkbox"/>	11780	LV516313 <input checked="" type="checkbox"/>	13980
	200A	LV525302 <input checked="" type="checkbox"/>	15750	LV525312	19360
Breaking Capacity as per IEC 60947-2	Rated Current	Three Pole Reference	Unit LP [₹]	Four Pole Reference	Unit LP [₹]
25kA	250A	LV525303 <input checked="" type="checkbox"/>	18200	LV525313	22120

Breaking Capacity as per IEC 60947-2	Rated Current	Three Pole Reference	Unit MRP [₹]	Four Pole Reference	Unit MRP [₹]
EasyPact CVS 100 to 630A Overload Setting (Ir) 0.7 - 1 x In					
36kA	16A	LV510330 <input checked="" type="checkbox"/>	8810	LV510340	10940
	25A	LV510331 <input checked="" type="checkbox"/>	8810	LV510341	10940
	32A	LV510332 <input checked="" type="checkbox"/>	8810	LV510342 <input checked="" type="checkbox"/>	10940
	40A	LV510333 <input checked="" type="checkbox"/>	8810	LV510343 <input checked="" type="checkbox"/>	10940
	50A	LV510334 <input checked="" type="checkbox"/>	8810	LV510344	10940
	63A	LV510335 <input checked="" type="checkbox"/>	8810	LV510345 <input checked="" type="checkbox"/>	10940
	80A	LV510336 <input checked="" type="checkbox"/>	8810	LV510346	10940
	100A	LV510337 <input checked="" type="checkbox"/>	8810	LV510347 <input checked="" type="checkbox"/>	11300
	125A	LV516332 <input checked="" type="checkbox"/>	9630	LV516342	11930
	160A	LV516333 <input checked="" type="checkbox"/>	12950	LV516343	15310
	200A	LV525332	18010	LV525342 <input checked="" type="checkbox"/>	22400
Breaking Capacity as per IEC 60947-2	Rated Current	Three Pole Reference	Unit LP [₹]	Four Pole Reference	Unit LP [₹]
36kA	250A	LV525333	19600	LV525343 <input checked="" type="checkbox"/>	23960
	320A	LV540305	25100	LV540308 <input checked="" type="checkbox"/>	31760
	400A	LV540306	25330	LV540309 <input checked="" type="checkbox"/>	32050
	500A	LV563305 <input checked="" type="checkbox"/>	27950	LV563308 <input checked="" type="checkbox"/>	34870
	630A**	LV563306 <input checked="" type="checkbox"/>	30620	LV563309 <input checked="" type="checkbox"/>	37910

Breaking Capacity as per IEC 60947-2	Rated Current	Three Pole Reference	Unit MRP [₹]	Four Pole Reference	Unit MRP [₹]
50kA	16A	LV510470 <input checked="" type="checkbox"/>	11560	LV510480	14210
	25A	LV510471	11560	LV510481	14210
	32A	LV510472 <input checked="" type="checkbox"/>	11560	LV510482 <input checked="" type="checkbox"/>	14210
	40A	LV510473	11560	LV510483	14210
	50A	LV510474	11560	LV510484	14210
	63A	LV510475 <input checked="" type="checkbox"/>	11560	LV510485 <input checked="" type="checkbox"/>	14210
	80A	LV510476 <input checked="" type="checkbox"/>	11560	LV510486	14210
	100A	LV510477 <input checked="" type="checkbox"/>	11560	LV510487 <input checked="" type="checkbox"/>	14210
	125A	LV516462 <input checked="" type="checkbox"/>	14890	LV516467	16290
	160A	LV516463 <input checked="" type="checkbox"/>	15500	LV516468	18460
	200A	LV525452	20150	LV525457 <input checked="" type="checkbox"/>	25200
Breaking Capacity as per IEC 60947-2	Rated Current	Three Pole Reference	Unit LP [₹]	Four Pole Reference	Unit LP [₹]
50kA	250A	LV525453	21660	LV525458 <input checked="" type="checkbox"/>	26580
	320A	LV540315 <input checked="" type="checkbox"/>	25610	LV540318	32010
	400A	LV540316 <input checked="" type="checkbox"/>	26120	LV540319 <input checked="" type="checkbox"/>	32650
	500A	LV563315 <input checked="" type="checkbox"/>	30300	LV563318	38230
	630A**	LV563316 <input checked="" type="checkbox"/>	31990	LV563319 <input checked="" type="checkbox"/>	40690

**Note:**

- EasyPact CVS can also be used for DC network protection (from 16-630A TMD)
- For performance and other details contact our nearest Sales Office.
- \*\*630A @ 30°C & 600A @ 40° C for TMD630A MCCB

For details on non-standard references, technical parameters, stockable and non-stockable status, please contact Customer Care Centre.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

EasyPact CVS 800A with Thermal Magnetic type trip unit.



- Ics = 100% Icu as per IEC 60947-2
- TMD type Trip Unit
- Adjustable overload from 0.8 - 1 x In
- Adjustable short circuit for each phase from 3.5 - 10 x Ir

Breaking Capacity Ics as per IEC 60947-2	Rated Current	Three Pole Reference	Unit LP [₹]	Four Pole Reference	Unit LP [₹]
36kA	800A	LV580300 <input checked="" type="checkbox"/>	49310	LV580301 <input checked="" type="checkbox"/>	53210
50kA	800A	LV580302 <input checked="" type="checkbox"/>	54530	LV580303 <input checked="" type="checkbox"/>	60440

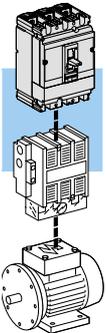
EasyPact CVS 400 to 630A With Microprocessor Based Trip Unit



- Ics = 100% Icu as per IEC 60947-2
- Suitable for Isolation
- Adjustable Overload from 0.5 to 1\*In
- Adjustable Short Circuit from 2 to 10\*Ir
- Adjustable Neutral Protection - N, N/2, OFF for 4 Pole MCCB
- Inbuilt Thermal Memory

Breaking Capacity Ics as per IEC 60947-2	Rated Current	Three Pole Reference	Unit LP [₹]	Four Pole Reference	Unit LP [₹]
36 kA	400A	LV540505 <input checked="" type="checkbox"/>	28790	LV540506 <input checked="" type="checkbox"/>	35540
	630A	LV563505 <input checked="" type="checkbox"/>	31650	LV563506 <input checked="" type="checkbox"/>	42000
50 kA	400A	LV540510 <input checked="" type="checkbox"/>	31460	LV540511 <input checked="" type="checkbox"/>	40160
	630A	LV563510 <input checked="" type="checkbox"/>	34430	LV563511 <input checked="" type="checkbox"/>	44600

Moulded Case Circuit Breakers for Motor Protection  
Breaking Capacity 50kA, Ics=Icu



Current Rating	2.5	6.3	12.5	25	50	100	150	220	320	500	
CVS 100	6..14In										
CVS 160/250							9..14In				
CVS 400									6..13In		
CVS 630										6..13In	



Frame 1	2.5 to 220A
Frame 2	320 to 500A

With Magnetic Trip Unit MA type

Breaking Capacity Ics as per IEC 60947-2	Rated Current	Three Pole Reference	Unit MRP [₹]
50kA	2.5A	LV510450	7560
	6.3A	LV510451	7560
	12.5A	LV510452 <input checked="" type="checkbox"/>	7980
	25A	LV510453 <input checked="" type="checkbox"/>	10730
	50A	LV510454 <input checked="" type="checkbox"/>	10780
	100A	LV510455 <input checked="" type="checkbox"/>	10850
	150A	LV516451 <input checked="" type="checkbox"/>	13870
Breaking Capacity Ics as per IEC 60947-2	Rated Current	Three Pole Reference	Unit LP [₹]
50kA	220A	LV525442 <input checked="" type="checkbox"/>	15640
	320A	LV540552 <input checked="" type="checkbox"/>	23200
	500A	LV563552	29000

For details on non-standard references, technical parameters, stockable and non-stockable status, please contact Customer Care Centre.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

# Easy-Pact CVS Switch Disconnecter Version



- Suitable for Isolation with positive contact indication as defined by standard IEC 60947-3.
- Compliance to utilization categories AC22A or AC23A
- Self protected due to high magnetic-set release
- Two frame sizes upto 630A
- Available in fixed version.
- Common Accessories as that of EasyPact CVS circuit breaker

Rated Current	Three Pole Reference	Unit MRP [₹]	Four Pole Reference	Unit MRP [₹]
100A	LV510425	5450	LV510426	6900
160A	LV516425	6500	LV516426	8170
Rated Current	Three Pole Reference	Unit LP [₹]	Four Pole Reference	Unit LP [₹]
250A	LV525425	13620	LV525426	18130
400A	LV540400	19970	LV540401	25420
630A	LV563400	22700	LV563401	30520

For details on non-standard references, technical parameters, stockable and non-stockable status, please contact Customer Care Centre.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018



Indication contacts



Voltage Release



Padlocking accessory



Direct Rotary Handle



Extended Rotary Handle

## Accessories for EasyPact CVS 100 - 630A

### Auxiliary Contacts (Changeover) Multifunction

Description	Reference	Unit LP [₹]
OF or SD or SDE or SDV	29450 <input checked="" type="checkbox"/>	820
OF or SD or SDE or SDV low level	29452	885
SDE adapter for trip unit TM or MA or ETS 2.3 \$\$	LV429451 <input checked="" type="checkbox"/>	640

\$\$: To be considered alongwith SDE contact for MCCB with TMD/ETS 2.3/MA Trip Unit

### Voltage Releases

Description	Shunt Release Reference	Unit LP [₹]	Undervoltage Reference	Unit LP [₹]
<b>AC</b>				
24 V 50/60 Hz	LV429384 <input checked="" type="checkbox"/>	2100	LV429404	2690
48 V 50/60 Hz	LV429385		LV429405	
110-130 V 50/60 Hz	LV429386 <input checked="" type="checkbox"/>		LV429406 <input checked="" type="checkbox"/>	
220-240 V 50/60 Hz	LV429387 <input checked="" type="checkbox"/>		LV429407 <input checked="" type="checkbox"/>	
380-415 V 50 Hz	LV429388 <input checked="" type="checkbox"/>		LV429408 <input checked="" type="checkbox"/>	
525 V 50 Hz	LV429389	LV429409		
<b>DC</b>				
12 V	LV429382	2100	LV429402	2690
24 V	LV429390 <input checked="" type="checkbox"/>		LV429410 <input checked="" type="checkbox"/>	
30 V	LV429391		LV429411	
48 V	LV429392		LV429412	
60 V	LV429383		LV429403	
125 V	LV429393		LV429413	
250 V	LV429394		LV429414	

### Rotary Handles

Description	100/160/250A Reference	Unit LP [₹]	400/630A Reference	Unit LP [₹]
<b>Direct rotary handle</b>				
Standard black handle	LV429337 <input checked="" type="checkbox"/>	1070	LV432597 <input checked="" type="checkbox"/>	1605
<b>Extended rotary handle</b>				
Standard extended rotary handle	LV429338 <input checked="" type="checkbox"/>	1700	LV432598 <input checked="" type="checkbox"/>	3020

### Installation Accessories

Description	100/160/250A Reference	Unit LP [₹]	400/630A Reference	Unit LP [₹]
<b>Spreaders &amp; Phase Barriers</b>				
Spreaders (Set of 3) 3P	LV431563 <input checked="" type="checkbox"/>	600	32492 <input checked="" type="checkbox"/>	1360
Spreaders (Set of 4) 4P	LV431564 <input checked="" type="checkbox"/>	800	32493 <input checked="" type="checkbox"/>	1730
Phase Barriers (Set of 6)	*		LV432570 <input checked="" type="checkbox"/>	685
<b>Interlocking</b>				
For Breaker with Rotary Handle	LV429369	7960	LV432621	10020
For Breaker with Toggle	LV429354	8705	LV432614	10020
Mechanical Interlocking with Base Plate	29349**	16670	32609**	35115
<b>Locking of Rotary Handle</b>				
Locking Device	LV429344 <input checked="" type="checkbox"/>	500	LV432604 <input checked="" type="checkbox"/>	685
Ronis Keylock (1 Lock + 1 Key set)	41940 <input checked="" type="checkbox"/>	3475	41940 <input checked="" type="checkbox"/>	3475
Ronis Keylock (2 Locks + 1 Key set)	41950 <input checked="" type="checkbox"/>	6700	41950 <input checked="" type="checkbox"/>	6700
Profalux Keylock (1 Lock + 1 Key set)	42888	5870	42888	5870
Profalux Keylock (2 Locks + 1 Key set)	42878	6700	42878	6700

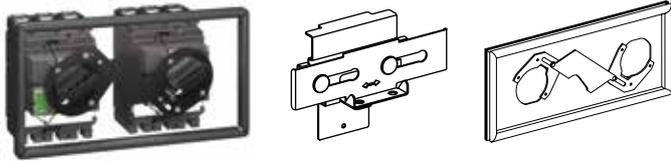
\* supplied as standard with spreaders

\*\* Mechanical Interlocking with Base Plate to be ordered with Safety trip interlock (LV429270 for 29349 and LV432520 for 32609)

For details on non-standard references, technical parameters, stockable and non-stockable status, please contact Customer Care Centre.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018



## Accessories for CVS 100 - 630A

### Manual Source change-over systems

- An additional accessory interlocks two devices with rotary handles to create a source changeover system. Closing of one device is possible only if the second is open.
- This function is compatible with direct or extended rotary handles.
- Up to three padlocks can be used to lock in the OFF or ON position.

Description	Reference	Unit LP [₹]
<b>Mechanical interlocking for circuit breakers</b>		
With toggles 100A to 250A	LV429354	8705
With rotary handles 100A -250A	LV429369	7960
With toggles 400A to 630A	LV432614	10020
With rotary handles 400A to 630A	LV432621	10020

## Accessories for CVS 800A

### Auxiliary/Alarms contacts

Description	Reference	Unit LP [₹]
Auxiliary Switch 1 C/O	LV580075	1130
Alarm Auxiliary switch 1 c/o	LV580079	1585

### Voltage Releases

Description	Shunt Release Reference	Unit MRP [₹]	Undervoltage Reference	Unit LP [₹]
<b>AC</b>				
220-240 V 50/60 Hz	LV580061	2155	LV580071	2700

### Rotary Handles

Description	800A Reference	Unit LP [₹]
<b>Extended rotary handle</b>		
Standard extended rotary handle	LV580081 <input checked="" type="checkbox"/>	1890

For details on non-standard references, technical parameters, stockable and non-stockable status, please contact Customer Care Centre.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

# Type 2 Co-ordination Table Fuseless (DOL Starter) with EasyPact CVS

- Standard : IEC 60947-4-1
- Short Circuit Protection Device type: MCCB
- Performance «Iq» (kA) : 50kA
- Operational Voltage (Ue) : 415VAC / 50Hz

Motor rating kW	FLC I(A) 415V	Ie max	Circuit Breaker Type	Rated current (A)	Setting	I <sub>rm</sub> (A)	Contacteur Type	Thermal Relay Type	Thermal range I <sub>rth</sub>	I <sub>q</sub> kA	I <sub>r</sub> kA
0.37	1.1	1.6	CVS100-MA	2.5	6..13	22.5	LC1E09	LRE06 <sup>(3)</sup>	1..1.6	50	1
0.55	1.5	1.6	CVS100-MA	2.5	6..14	32.5	LC1E09	LRE06 <sup>(3)</sup>	1..1.6	50	1
0.75	1.8	2.5	CVS100-MA	2.5	6..14	32.5	LC1E09	LRE07 <sup>(3)</sup>	1.6..2.5	50	1
1.1	2.6	4	CVS100-MA	6.3	6..14	57	LC1E32	LRE08 <sup>(3)</sup>	2.5..4	50	1
1.5	3.4	4	CVS100-MA	6.3	6..14	57	LC1E32	LRE08 <sup>(3)</sup>	2.5..4	50	1
2.2	4.8	6	CVS100-MA	6.3	6..14	82	LC1E32	LRE10 <sup>(3)</sup>	4..6	50	1
3	6.5	8	CVS100-MA	12.5	6..14	113	LC1E80	LRE12 <sup>(1)(3)</sup>	5.5..8	50	1
4	8.2	10	CVS100-MA	12.5	6..14	138	LC1E80	LRE14 <sup>(1)(3)</sup>	7..10	50	1
5.5	11	12.5	CVS100-MA	12.5	6..14	163	LC1E80	LRE16 <sup>(1)(3)</sup>	9..13	50	1
7.5	14	18	CVS100-MA	25	6..14	250	LC1E80	LRE21 <sup>(1)(3)</sup>	12..18	50	3
10	19	25	CVS100-MA	25	6..14	325	LC1E80	LRE322 <sup>(2)(3)</sup>	17..25	50	3
11	21	25	CVS100-MA	25	6..14	325	LC1E80	LRE322 <sup>(2)(3)</sup>	17..25	50	3
15	28	32	CVS100-MA	50	6..14	450	LC1E80	LRE353 <sup>(2)(3)</sup>	23..32	50	3
18.5	34	40	CVS100-MA	50	6..14	550	LC1E80	LRE355 <sup>(2)(3)</sup>	30..40	50	3
22	40	50	CVS100-MA	50	6..14	650	LC1E80	LRE357 <sup>(2)</sup>	37..50	50	3
30	55	63	CVS100-MA	100	6..14	900	LC1E120	LRE480	51..81	50	3
37	66	100	CVS100-MA	100	6..14	1100	LC1E120	LRE481	62..99	50	5
45	80	100	CVS100-MA	100	6..14	1300	LC1E120	LRE481	62..99	50	5
55	100	135	CVS160-MA	150	9..14	1500	LC1E160	LRE482	84..135	50	5
75	135	150	CVS160-MA	150	9..14	1950	LC1E160	LRE483	124..198	50	10
90	160	185	CVS250-MA	220	9..14	2420	LC1E300	LRE484	146..234	50	10
110	200	220	CVS250-MA	220	9..14	2860	LC1E300	LRE484	146..234	50	10
132	230	265	CVS400-MA	320	6..13	3500	LC1E300	LRE485	174..279	50	10
160	270	315	CVS400-MA	320	6..13	4160	LC1E300	LRE486	208..333	50	10
200	361	400	CVS630-MA	500	6..13	5700	LC1F500	LR9-F73 79	300..500	50	18
220	380	500	CVS630-MA	500	6..13	6500	LC1F500	LR9-F73 79	300..500	50	18
250	430	500	CVS630-MA	500	6..13	6500	LC1F500	LR9-F73 79	300..500	50	18

(1) Separate mounting with LAEB1 terminal block

(2) Separate mounting with LAEB3 terminal block

(3) Type 1 for O/L relay

For details on non-standard references, technical parameters, stockable and non-stockable status, please contact Customer Care Centre.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

# EasyPact EZC

Safe, Reliable and Easy

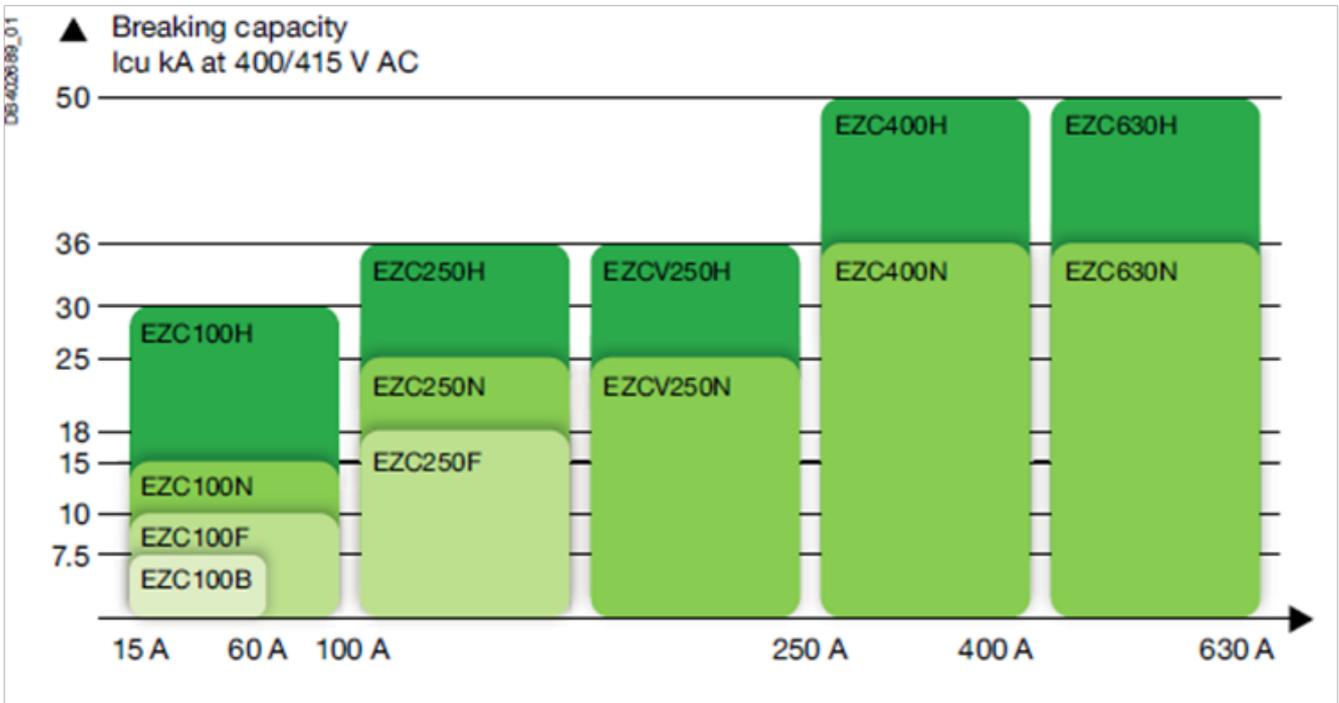


With just three sizes of circuit breakers, Schneider Electric's EasyPact EZC system is the simple, universal solution, particularly adapted to Buildings and OEM segments

- Suitability for Isolation ensures safety
- Compliance to RoHS (Restriction of Hazardous Substances) for environment safety

**Range Details:**

- Global MCCB offer from 15A to 600A
- Breaking capacity upto 50kA @ 415 V AC
- 1P, 2P, 3P and 4P versions available
- EZC AC version is suitable for DC applications upto 250V DC (15A to 250A breaking capacity up to 30kA)
- Built in Earth leakage version 63A to 250A @ Icu36kA.



For details on non-standard references, technical parameters, stockable and non-stockable status, please contact Customer Care Centre.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

## With Fixed Thermal Magnetic Trip Unit (TMD)

- Conforms to IEC60947-2
- Suitable for isolation
- Suitable for EasyPact Busbar system

BREAKING CAPACITY ICU AS PER IEC 60947-2	Rated Current	Three Pole Reference	Unit MRP [₹]
"10 kA @ 415V AC 5kA @ 250V DC (2pole in series)"	16A	EZC100F3016	2640
	20A	EZC100F3020	
	25A	EZC100F3025	
	32A	EZC100F3032	
	40A	EZC100F3040	
	50A	EZC100F3050	
	63A	EZC100F3063	
	80A	EZC100F3080	
	100A	EZC100F3100	
"18 kA @ 415V AC 5kA @ 250V DC (2pole in series)"	125A	EZC250F3125	5955
	150A	EZC250F3150	6000
	160A	EZC250F3160	6800
	175A	EZC250F3175	8355
	200A	EZC250F3200	
Breaking Capacity Icu as per IEC 60947-2	Rated Current	Three Pole Reference	Unit MRP [₹]
"18 kA @ 415V AC 5kA @ 250V DC (2pole in series)"	250A	EZC250F3250	9775
Breaking Capacity Icu as per IEC 60947-2	Rated Current	Single Pole	Unit MRP [₹]
"18 kA @ 240V AC 5kA @ 125V DC "	16A	EZC100N1016	1885
	20A	EZC100N1020	
	25A	EZC100N1025	
	32A	EZC100N1032	
	40A	EZC100N1040	
	50A	EZC100N1050	
	63A	EZC100N1063	
	80A	EZC100N1080	
	100A	EZC100N1100	
Breaking Capacity Icu as per IEC 60947-2	Rated Current	Two Pole Reference	Unit MRP [₹]
"50 kA @ 240V AC 10kA @ 250V DC (2pole in series)"	16A	EZC100H2016	3080
	20A	EZC100H2020	
	25A	EZC100H2025	
	32A	EZC100H2032	
	40A	EZC100H2040	
	50A	EZC100H2050	
	63A	EZC100H2063	
	80A	EZC100H2080	
	100A	EZC100H2100	
"85 kA @ 240V AC 30kA @ 250V DC (2pole in series)"	125A	EZC250H2125	6300
	150A	EZC250H2150	7420
	160A	EZC250H2160	7420
	175A	EZC250H2175	8935
	200A	EZC250H2200	
Breaking Capacity Icu as per IEC 60947-2	Rated Current	Three Pole Reference	Unit MRP [₹]
"85 kA @ 240V AC 30kA @ 250V DC (2pole in series)"	250A	EZC250H2250	9200

**Note:**

- Contact customer care for 1P(up to 100A) and 2P (up to 250A) requirements
- 630A and other breaking capacity versions on request.

For details on non-standard references, technical parameters, stockable and non-stockable status, please contact Customer Care Centre.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

Breaking Capacity Icu as per IEC 60947-2	Rated Current	Three Pole Reference	Unit MRP [₹]	Four Pole Reference	Unit MRP [₹]
"30 kA @ 415V AC 10kA @ 250V DC (2pole in series)"	15A	EZC100H3015	4160	EZC100H4015	5770
	20A	EZC100H3020		EZC100H4020	
	25A	EZC100H3025		EZC100H4025	
	32A	EZC100H3032		EZC100H4032	
	40A	EZC100H3040		EZC100H4040	
	50A	EZC100H3050		EZC100H4050	
	63A	EZC100H3063		EZC100H4063	
	80A	EZC100H3080		EZC100H4080	
	100A	EZC100H3100		EZC100H4100	
"25 kA @ 415V AC 20kA @ 250V DC (2pole in series)"	125A	EZC250N3125	6100	EZC250N4125	8420
	160A	EZC250N3160	7400	EZC250N4160	9910
	200A	EZC250N3200	8780	EZC250N4200	11080
Breaking Capacity Icu as per IEC 60947-2	Rated Current	Three Pole Reference	Unit MRP [₹]	Four Pole Reference	Unit MRP [₹]
"25 kA @ 415V AC 20kA @ 250V DC (2pole in series)"	250A	EZC250N3250	10035	EZC250N4250	12990
Breaking Capacity Icu as per IEC 60947-2	Rated Current	Three Pole Reference	Unit MRP [₹]	Four Pole Reference	Unit MRP [₹]
"36 kA @ 415V AC 30kA @ 250V DC (2pole in series)"	125A	EZC250H3125	6400	EZC250H4125	8630
	160A	EZC250H3160	8390	EZC250H4160	10800
	200A	EZC250H3200	10410	EZC250H4200	14070
Breaking Capacity Icu as per IEC 60947-2	Rated Current	Three Pole Reference	Unit MRP [₹]	Four Pole Reference	Unit MRP [₹]
"36 kA @ 415V AC 30kA @ 250V DC (2pole in series)"	250A	EZC250H3250	11640	EZC250H4250	15720
	320A	EZC400H3320N	18220	EZC400H4320N	21000
"50 kA @ 415V AC"	400A	EZC400H3400N	18790	EZC400H4400N	24560
	500A	EZC630H3500N	23700	EZC630H4500N	30800
	600A	EZC630H3600N	24700	EZC630H4600N	32200

**Note:**

- Contact customer care for 1P(up to 100A) and 2P (up to 250A) requirements
- 630A and other breaking capacity versions on request.

For details on non-standard references, technical parameters, stockable and non-stockable status, please contact Customer Care Centre.

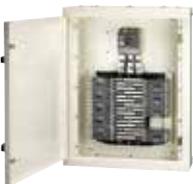
NORMAL STOCK ITEMS

W.E.F. March 12, 2018

Description	EZC100 Reference	Unit LP [₹]	EZC250 Reference	Unit LP [₹]
<b>Auxiliary Contacts (changeover) Multifunction</b>				
Auxiliary Switch 1 C/O	EZAUX10 <input checked="" type="checkbox"/>	740	EZEAX <input checked="" type="checkbox"/>	890
Alarm Switch 1 C/O	EZAUX01	740	EZEAL <input checked="" type="checkbox"/>	890
Alarm - Auxiliary Switch	EZAUX11 <input checked="" type="checkbox"/>	1105	EZEAXAL	1320
<b>Spreaders</b>				
Spreaders *(Set Of 3) 3P	EZASPDR3P <input checked="" type="checkbox"/>	300	EZESPDR3P <input checked="" type="checkbox"/>	450
Spreaders *(Set Of 4) 4P	EZASPDR4P <input checked="" type="checkbox"/>	400	EZESPDR4P	590
<b>Phase Barriers</b>				
	EZAFASB2	185	EZEFASB2	255
<b>Rotary Handle</b>				
Direct Rotary handle	EZAROTDS <input checked="" type="checkbox"/>	1055	EZEROTDS	1320
Extended Rotary handle	EZAROTE	1580	EZEROTE	1580
<b>Shunt Release</b>				
<b>AC</b>				
100-130 V	EZASHT100AC	1580	EZESHT100AC	1580
200-277 V	EZASHT200AC <input checked="" type="checkbox"/>		EZESHT200AC <input checked="" type="checkbox"/>	1580
380-480 V	EZASHT380AC		EZESHT400AC	1580
<b>DC</b>				
24 V	EZASHT024DC	1580	EZESHT024DC	1580
48 V	EZASHT048DC		EZESHT048DC	1580

Description	EZC 400/600 Reference	Unit LP [₹]
<b>Auxiliary Contacts</b>		
OF or SD or SDE	29450	820
<b>Spreaders</b>		
Spreaders (Set of 3) 3P	32492	1360
Spreaders (Set of 4) 4P	32493	1730
<b>Phase Barriers (Set of 6)</b>		
	LV432570	685
<b>Rotary Handle</b>		
Direct Rotary handle	LV432597	1605
Extended Rotary handle	LV432598	3020
<b>Shunt Release</b>		
AC 220-240 V 50/60 Hz	LV429387	2100

## EasyPact Range Busbar Systems



- Available for 250A, 400A & 630A main incoming current
- Available for 4,6,8 & 12 ways (3-pole) EasyPact 100A (max) outgoing MCCBs
- EZ Busbar rated 400A and 630A can accept the 2 ways or 4 ways branch extension for upto four additional 250A max outgoing circuits

[In] Rated Current	Description	Reference	Unit LP [₹]
250 A	EZ busbar 250A 4ways	EZB250W04	8245
	EZ busbar 250A 6ways	EZB250W06	10425
	EZ busbar 250A 8ways	EZB250W08	12610
	EZ busbar 250A 10ways	EZB250W10	14815
	EZ busbar 250A 12ways	EZB250W12	16995
400 A	EZ busbar 400A 4ways	EZB400W04	10425
	EZ busbar 400A 6ways	EZB400W06	12610
	EZ busbar 400A 8ways	EZB400W08	14815
	EZ busbar 400A 10ways	EZB400W10	16995
	EZ busbar 400A 12ways	EZB400W12	19180
630 A	EZ busbar 630A 4ways	EZB630W04	12610
	EZ busbar 630A 6ways	EZB630W06	14815
	EZ busbar 630A 8ways	EZB630W08	16995
	EZ busbar 630A 10ways	EZB630W10	19180
	EZ busbar 630A 12ways	EZB630W12	21370

For details on non-standard references, technical parameters, stockable and non-stockable status, please contact Customer Care Centre.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

# EasyPact NKS AC MCCB

## Moulded Case Circuit Breakers for Distribution Network

Fixed Thermal Magnetic Trip Unit (TMD)

- Conforms to IEC60947-2

Breaking Capacity Icu as per IEC60947-2	Rated Current	Reference	Unit MRP [₹]
10kA *	15	NKS100R015AC3P	1500
	20	NKS100R020AC3P	1500
	25	NKS100R025AC3P	1500
	32	NKS100R032AC3P	1500
	40	NKS100R040AC3P	1500
	50	NKS100R050AC3P	1500
	63	NKS100R063AC3P	1500
	75	NKS100R075AC3P	1500
	100	NKS100R100AC3P	1500
	110	NKS160R110AC3P	3470
	125	NKS160R125AC3P	3470
	140	NKS160R140AC3P	3840
	150	NKS160R150AC3P	3840
	160	NKS160R160AC3P	3840
	175	NKS200R175AC3P	5050
	200	NKS200R200AC3P	5050

\*Ics=5kA

Description	EasyPact NKS 100	Unit LP [₹]	EasyPact NKS 125A to 200	Unit LP [₹]
<b>Auxiliary contacts (changeover) Multifunction</b>				
Auxiliary Switch 1 C/O	EZAUX10	740	AX1CT1L	705
Alarm Switch 1 C/O	EZAUX01	740	AL1CT1NR	790
Alarm - Auxiliary Switch	EZAUX11	1105		
<b>Spreaders</b>				
Spreaders *(Set Of 3) 3P	EZASPD3P	300	NKSP13	280
<b>Phase Barriers</b>				
	EZAFASB2	185	-	-
<b>Rotary Handle</b>				
Direct Rotary handle	EZAROTDS	1055	-	-
Extended Rotary handle	EZAROTE	1580	NDHOMT1	1095
<b>Shunt Release</b>				
<b>AC</b>				
100-130 V	EZASHT100AC	1580	-	-
200-277 V	EZASHT200AC	1580	SHT240ACT1L	635
380-480 V	EZASHT380AC	1580	-	-
440 V	-	-	-	-
<b>DC</b>				
24 V	EZASHT024DC	1580	-	-
48 V	EZASHT024DC	1580	-	-
110 V	EZASHT048DC	1580	-	-
220 V	-	-	-	-
<b>AC</b>				
UVR 200-240VAC	On Request		-	-
220 V	-	-	UVT220/240ACT1	1175
415 V				

**Note:**

- Contact customer care for other accessories

For details on non-standard references, technical parameters, stockable and non-stockable status, please contact Customer Care Centre.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

# Simpact NKS DC MCCB

## • Fixed Thermal Magnetic Settings

Breaking Capacity Icu as per IEC 60947-2	Rated Current	One Pole Reference	Unit MRP [₹]
5 kA 125VDC L/R = 10ms	10A	NKS100R010DC1P	1320
	15A	NKS100R015DC1P	
	20A	NKS100R020DC1P	
	30A	NKS100R030DC1P	
	40A	NKS100R040DC1P	
	50A	NKS100R050DC1P	
	60A	NKS100R060DC1P	
	75A	NKS100R075DC1P	
100A	NKS100R100DC1P		

## • Fixed Thermal Magnetic Settings

Breaking Capacity Icu as per IEC 60947-2	Rated Current	Two Pole Reference*	Unit MRP [₹]	Three Pole Reference	Unit MRP [₹]
10 kA 250VDC L/R = 10ms	10A	NKS100R010DC2P	3940	NKS100R010DC3P	4460
	15A	NKS100R015DC2P		NKS100R015DC3P	
	20A	NKS100R020DC2P		NKS100R020DC3P	
	25A	NKS100R025DC2P		NKS100R025DC3P	
	30A	NKS100R030DC2P		NKS100R030DC3P	
	40A	NKS100R040DC2P		NKS100R040DC3P	
	50A	NKS100R050DC2P		NKS100R050DC3P	
	60A	NKS100R060DC2P		NKS100R060DC3P	
	75A	NKS100R075DC2P	NKS100R075DC3P		
	100A	NKS100R100DC2P	NKS100R100DC3P		
	110A	NKS160R110DC2P	NKS160R110DC3P	7355	8070
	125A	NKS160R125DC2P	NKS160R125DC3P		
	140A	NKS160R140DC2P	NKS160R140DC3P		
	150A	NKS160R150DC2P	NKS160R150DC3P		
	160A	NKS160R160DC2P	NKS160R160DC3P		
	175A	NKS200R175DC2P	NKS200R175DC3P	7590	8725
200A	NKS200R200DC2P	NKS200R200DC3P			

**Note:** \*2 Pole MCCB shall be in 3P dimensions.

Spreaders are supplied as standard only with NKS200R for lower ratings consider spreader prices extra

## Simpact NKS DC Accessories

Voltage	Reference	Unit LP [₹]
240 V	SHT240ACT1L	635
220 V	UVT220/240ACT1 <input checked="" type="checkbox"/>	1175

Description	Reference	Unit LP [₹]
<b>Auxiliary contacts (changeover)</b>		
Auxiliary Switch 1 C/O	AX1CT1L	705
Alarm Switch 1 C/O	AL1CT1NR	790
<b>Rotary handles</b>		
Standard extended rotary handle	NDHOMT1	1095
<b>Spreaders</b>		
Spreaders (Set of 3) 3P	NKSP13 <input checked="" type="checkbox"/>	280

For details on non-standard references, technical parameters, stockable and non-stockable status, please contact Customer Care Centre.

NORMAL STOCK ITEMS

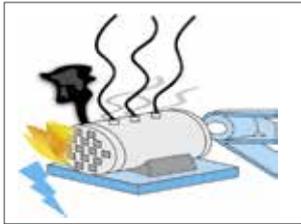
W.E.F. March 12, 2018

# Unique Modular Ground Fault Protection

## Earth Fault Protection for EasyPact CVS/ Compact NSX MCCBs

### Modular Device for EasyPact CVS/ Compact NSX Range Moulded Case Circuit Breakers

- Adjustable earth fault sensitivity selection 10 to 60%
- Adjustable time delay Inst/ 0.5 - 3 sec.
- System healthiness check through LED indication
- Individual fault indication for OL/SC, EF when used with Compact NSX & EasyPact CVS (Optional)
- Test facility to check healthiness of earth fault protection system without tripping MCCB
- Suitable for 3P3W & 3P4W electrical distribution network



Protection of electrical distribution network against fire



MCCB Frame	Relay Module rated current	3 Ph + 3W Reference	Unit MRP [₹]	3 Ph + 4W Reference	Unit MRP [₹]
CVS/NSX100	32, 40, 50, 63, 80, 100	GFP11CT13P <input checked="" type="checkbox"/>	4930	GFP11CT14P <input checked="" type="checkbox"/>	5400
CVS/NSX 160 / 250	125, 160, 200, 250	GFP12CT23P <input checked="" type="checkbox"/>	5610	GFP12CT24P <input checked="" type="checkbox"/>	6330
CVS/NSX 400 / 630	400, 630	GFP13CT33P <input checked="" type="checkbox"/>	8470	GFP13CT34P <input checked="" type="checkbox"/>	9250
CVS 800	800	GFP14CT43P	10440	GFP14CT44P	11690

**Note:** Kindly order one no. Shunt trip coil along with one Ground Fault Protection Module for CVS100 to 630. Order one auxiliary contact alongwith shunt coil for CVS800.

For details on non-standard references, technical parameters, stockable and non-stockable status, please contact Customer Care Centre.

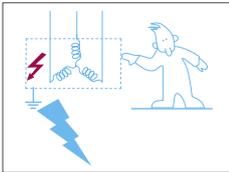
NORMAL STOCK ITEMS

W.E.F. March 12, 2018

# Earth Leakage Protection

Earth Leakage Protection is obtained by: Fitting a VIGI Module on the Circuit Breakers

## VIGI Module Earth Leakage Device for EasyPact CVS/ Compact NSX Range Moulded Case Circuit Breakers



Protection of people



VIGI Module



CVS + VIGI



NSX + VIGI

- Compliance with Standards - IEC60947-2 appendix B, IEC 60255-4 and IEC60801-2 to 5 covering protection against nuisance tripping due to:
  - Transient overvoltages, lightning strikes
  - Switching of devices on the distribution system
  - Electrostatic discharges and radio frequency disturbances
- Device can be equipped with multifunction aux contact of MCCB to remotely signal tripping due to earth fault
- Self powered - "no aux supply required"
- Instantaneous tripping at 30mA in less the 40ms for human protection
- Direct acting device - no shunt/UV release required in MCCB

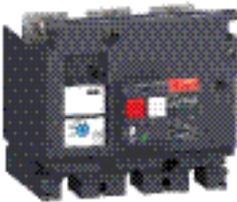
MCCB Frame	Type	Three Pole Reference <sup>(1)</sup>	Unit MRP [₹]	Four Pole Reference	Unit MRP [₹]
CVS/NSX - 100/160	ME	LV429212	11930	LV429213	12890
CVS/NSX - 100/160	MH	LV429210 <input checked="" type="checkbox"/>	15330	LV429211	16935
CVS/NSX - 250	MH	LV431535	17815	LV431536	18215
CVS/NSX - 400/630	MB	LV432455	44130	LV432456	45955

ME Type	MH Type	MB Type
<ul style="list-style-type: none"> <li>• Sensitivity - 300mA (fixed)</li> <li>• Instantaneous time delay</li> <li>• Fixed &lt; 40ms</li> </ul>	<ul style="list-style-type: none"> <li>• Sensitivity - adjustable</li> <li>• 30mA - 300mA-1A-3A-10A</li> <li>• Instantaneous time delay(ms)</li> <li>• 0 - 60 <sup>(2)</sup> - 150 <sup>(2)</sup> - 310 <sup>(2)</sup></li> </ul>	<ul style="list-style-type: none"> <li>• Sensitivity - adjustable</li> <li>• 300mA-1A-3A-10A -30A</li> <li>• Instantaneous time delay (ms)</li> <li>• 0 - 60 - 150 - 310</li> </ul>

(1) Vigi 3P modules may also be used on 3P circuit breaker used for single phase or two phase protection

(2) If the sensitivity is set to 30mA, there is no time delay, whatever the time delay setting

## Insulation monitoring module for EasyPact CVS/ Compact NSX Range Moulded Case Circuit Breakers



- Settings: 100 - 200 - 500 - 1000mA
- Indication by Red LED without tripping the circuit breaker
- Option for installing auxiliary contact for remote indication/tripping

Description	Three Pole Reference	Unit MRP [₹]	Four Pole Reference	Unit MRP [₹]
<b>CVS/NSX 100- 250A</b>				
220 to 440V AC	LV429459	14260	LV429460	15325
Connection for a 4P insulation monitoring module on a 3P breaker	-	-	LV429214	5885
<b>CVS/NSX 400- 630A</b>				
220 to 440V AC	LV432659	22585	LV432660	25205
Connection for a 4P insulation monitoring module on a 3P breaker	-	-	LV432457	16605

For details on non-standard references, technical parameters, stockable and non-stockable status, please contact Customer Care Centre.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

Earth Leakage Protection is obtained by:

- Installing a Micrologic 7.0.A control unit (Compact NS800 - 3200A/ Masterpact NT/NW ACB)
- Using Vigirex Relays and separate Toroids or Rectangular Sensors

## Vigirex Relays



Vigirex Relays along with Vigirex Sensors, may be used to add external Earth Leakage Protection to Circuit Breakers

- Sensitivity Adjustments from 30mA to 30A and time delay settings from (0-4.5 seconds)
- Closed Toroid up to 630A (30 to 300mm in diameter), Split Toroid up to 250A (46 to 110mm in diameter) or
- Rectangular sensor up to 3200A
- 400Hz Distribution System

**Note:** For further details, please contact our nearest Sales Office.

Type	Control Voltage	Din rail mount Reference	Unit MRP [₹]	Front panel mount Reference	Unit MRP [₹]
RH10 with local manual fault reset Sensitivity=0.03A	220/240VAC 380/415VAC	56130 56140	9425	56230 56240	10355
RH99 with local manual fault reset Sensitivity = 0.03- 30A & time delay= 0-4.5s	220/240VAC 380/415VAC	56173 56174	14245 15710	56273 56274	15420 16195
RH197P with local manual or automatic fault reset Sensitivity = 0.03- 30A & time delay= 0-4.5s	220/240VAC 380/415VAC	-	-	56507* 56508*	17440 18315
RH197P with local manual or automatic fault reset Sensitivity = 0.03- 30A & time delay= 0-4.5s	220/240VAC 380/415VAC	-	-	56512** 56513**	17615 18490

\* alarm at 50% of fault threshold

\*\* alarm at 100% of fault threshold

## Vigirex Sensors



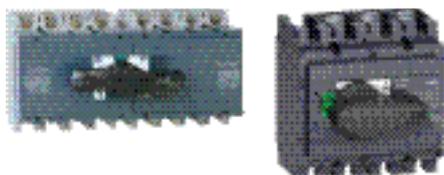
Type	Ie(A) Rated Operational Current	Inside Diameter (mm)	Reference	Unit MRP [₹]
TA30	65	30	50437	6005
PA50	85	50	50438	8375
IA80	160	80	50439	9975
MA120	250	120	50440	12000
SA200	400	200	50441	18645
GA300	630	300	50442	41410

**Note:** For vigirex relay with monitoring and communication facility, contact nearest sales office.

For details on non-standard references, technical parameters, stockable and non-stockable status, please contact Customer Care Centre.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018



For Low Voltage Circuit Control and Isolation - Incomers for Distribution Boards

- Conforms to IEC 60947-3/IS 13947 - 3
- Rated operational voltages 500V/690V
- Range 40A to 2500A
- Rated operational current @ AC 23A
- No deration upto 60° C
- Positive contact indication
- Common accessories with Compact NSX/single auxillary contact
- Making capacity enhanced with Compact NSX upstream

Pole Description	Rated Operational Current	Reference	Unit LP [₹]
------------------	---------------------------	-----------	-------------

### Interpact Range of Switch Disconnectors

3-Pole	40 A AC-23A	28900	3960
	63 A AC-23A	28902	4790
	100 A AC-23A	28908	5640
	125 A AC-23A	28910	6150
	160 A AC-23A	28912	6850
	200 A AC-23A	31102	11910
	250 A AC-23A	31106	12580
	320 A AC-23A	31108	20480
	400 A AC-23A	31110	23080
630 A AC-23A	31114	23740	
4-Pole	40 A AC-23A	28901	4420
	63 A AC-23A	28903	5240
	100 A AC-23A	28909	6150
	125 A AC-23A	28911	6860
	160 A AC-23A	28913	7570
	200 A AC-23A	31103	13290
	250 A AC-23A	31107	13960
	320 A AC-23A	31109	23720
	400 A AC-23A	31111	24490
630 A AC-23A	31115	27450	

### Interpact Changeover Systems (Complete Assembly)

3-Pole	100 A AC-23A	31140	35250
	160 A AC-23A	31144	38370
	200 A AC-23A	31142	42200
	250 A AC-23A	31146	43375
	320 A AC-23A	31148	71730
	400 A AC-23A	31150	76585
4-Pole	630 A AC-23A	31154	77910
	100 A AC-23A	31141	40205
	160 A AC-23A	31145	43975
	200 A AC-23A	31143	49795
	250 A AC-23A	31147	51525
	320 A AC-23A	31149	78240
	400 A AC-23A	31151	80775
	630 A AC-23A	31155	92475

Description	Reference	Unit LP [₹]
-------------	-----------	-------------

#### Accessories

Optional front extended rotary handle INS 250 - black handle (Switch Disconnector)	LV431050	3495
Optional front extended rotary handle INS 320..630 - black handle (Switch Disconnector)	31052	4945
Optional front extended rotary handle INS 40..160 - black handle (Switch Disconnector)	LV428941	1775
6 phase separators - INS100..160	28959	775
6 phase separators - INS250	29329	685
6 phase separators - INS400..630	LV432570	685

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018



## Fuse solutions from the world leader in electrical distribution

- The most complete fuse device offer in single and double break - switch disconnector fuses, fuse switch disconnectors and disconnector fuses
- Double break and Single break offer.
- Short-circuit and overload protection
- Isolation
- On-load switching of circuits

### Range Details: NX range Switch Disconnecter Fuse

- 32A to 630A TP, TPN & FP version suitable for DIN/BS fuses.
- 4 break and 8 arcing zones
- IP20 Fuse protection cover is standard.

### Range Details: ISFT range Fuse Switch Disconnecter

- 100A to 630A TP, version suitable for DIN fuses.
- Single breaking and direct connection to busbars
- isolation with positive contact indication when the fuse-carrier assembly is in the open position (OFF).

### Range Details: ISFL range Vertical Fuse Switch Disconnecter

- 160A to 1250A TP, version suitable for DIN fuses.
- Single breaking and direct connection to busbars
- Two versions i.e Single pole or Three pole operation

For details on non-standard references, technical parameters, stockable and non-stockable status, please contact Customer Care Centre.

☑ NORMAL STOCK ITEMS

W.E.F. March 12, 2018

- Complete Range from 32 to 630A in TP, TP+N & FP version suitable for DIN/BS fuses.
- 4 breaks and 8 arcing points
- IP20 Fuse Protection Cover is standard
- Higher Mechanical and Electrical life.

**Without Enclosure**

Rated Operational Current	Poles Description	DIN Type Reference	Unit LP [₹]	BS Type Reference	Unit LP [₹]
32 A	3P + N	NX032TPNDI <input checked="" type="checkbox"/>	2190	NX032TPNBS	2160
63 A	3P + N	NX063TPNDI <input checked="" type="checkbox"/>	2890	NX063TPNBS	2870
80 A	3P + N	NX080TPNDI	5470	NX080TPNBS	5210
100 A	3P	NX100TPXDI	6040		
	3P + N	NX100TPNDI <input checked="" type="checkbox"/>	6270	NX100TPNBS	6220
125 A	4P	NX100FPXDI	6520		
	3P	NX125TPXDI <input checked="" type="checkbox"/>	7040		
	3P + N	NX125TPNDI <input checked="" type="checkbox"/>	7690	NX125TPNBS	7610
160 A	4P	NX125FPXDI	8650		
	3P	NX160TPXDI	7760		
	3P + N	NX160TPNDI <input checked="" type="checkbox"/>	8380	NX160TPNBS	7890
200 A	4P	NX160FPXDI	9660		
	3P	NX200TPXDI	10270		
	3P + N	NX200TPNDI <input checked="" type="checkbox"/>	10770	NX200TPNBS	9470
250 A	4P	NX200FPXDI	12050		
	3P	NX250TPXDI	12590		
	3P + N	NX250TPNDI <input checked="" type="checkbox"/>	12960	NX250TPNBS	12440
315 A	4P	NX250FPXDI	15250		
	3P	NX315TPXDI	15820		
	3P + N	NX315TPNDI <input checked="" type="checkbox"/>	16050	NX315TPNBS	15790
400 A	4P	NX315FPXDI	17800		
	3P	NX400TPXDI	21140		
	3P + N	NX400TPNDI <input checked="" type="checkbox"/>	21940	NX400TPNBS	20740
630 A	4P	NX400FPXDI	26440		
	3P	NX630TPXDI	31210		
	3P + N	NX630TPNDI <input checked="" type="checkbox"/>	31920	NX630TPNBS	31600
	4P	NX630FPXDI	35600		

**Accessories/Spares**

Description	Reference	Unit LP [₹]
<b>NX032/NX063/NX080</b>		
Auxiliary contact for Fupact	NXAA11 <input checked="" type="checkbox"/>	445
Fuse holder for DIN NX032...NX080	NXHD1	210
Handle operating mechanism (HOM) NX032...NX080	NXR1	395
HOM shaft for NX/32/63/80	NXRS1	210
<b>NX100/NX125/NX160</b>		
Auxiliary contact for Fupact	NXBA11 <input checked="" type="checkbox"/>	515
Fuse holder DIN for BS type NX100...NX160	NXHB21	190
Fuse holder DIN for NX100...NX160	NXHD21	210
Handle operating mechanism NX100...NX160	NXR2 <input checked="" type="checkbox"/>	755
Shaft for HOM for NX100...NX160	NXRS2	210
<b>NX200</b>		
Auxiliary contact for Fupact	NXBA11 <input checked="" type="checkbox"/>	515
Fuse holder for BS type NX200	NXHB22	200
Fuse holder for DIN NX200	NXHD22	230
Handle operating mechanism NX200	NXR2 <input checked="" type="checkbox"/>	755
Shaft for HOM for NX200	NXRS2A	260
<b>NX250/315/400</b>		
Auxiliary contact for Fupact	NXBA11 <input checked="" type="checkbox"/>	515
Handle operating mechanism for NX250...NX400	NXR3	785
Shaft for HOM for NX250...NX400	NXRS3	260
<b>NX630</b>		
Auxiliary contact for Fupact	NXBA11 <input checked="" type="checkbox"/>	515
Handle operating mechanism for NX630	NXR4	835
Shaft for HOM for NX630	NXRS4	260

**Note:** For other versions please contact our nearest Sales Office.

For details on non-standard references, technical parameters, stockable and non-stockable status, please contact Customer Care Centre.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

# Fupact - Type 2 Co-ordination Table With Fuse

## EasyPact TVS DOL (Type 2 Co-ordination with Fuse)

- Standard: IEC 60947-4-1
- Fuses: Cooper Bussmann
- Iq (A): 50KA
- Ue: 415Vac / 50Hz
- Contactor Coil: Type M5 (220 Vac/ 50 Hz)

Motor Output		FLC		SDF (NX Range)			Contactor		Thermal Overload Relay	
KW	HP	I(A)	Type	Fuse Type	Fuse Rating (A)	Type	AC3 (A)	Type	Range (A)	
0.37	0.5	1	NX32	6NHG000B	6	LC1E09	9	LRE06	1.0 - 1.6	
0.55	0.75	1.5	NX32	6NHG000B	6	LC1E09	9	LRE06	1.0 - 1.6	
0.75	1	2	NX32	6NHG000B	6	LC1E09	9	LRE07	1.6 - 2.5	
1.5	2	3.5	NX32	16NHG000B	16	LC1E09	9	LRE08	2.5 - 4.0	
2.2	3	5	NX32	16NHG000B	16	LC1E09	9	LRE10	4.0 - 6.0	
3	4	6.8	NX32	20NHG000B	20	LC1E09	9	LRE12	5.5 - 8.0	
4	5.5	8.4	NX32	20NHG000B	20	LC1E09	9	LRE14	7.0 - 10	
5.5	7.5	11.2	NX32	25NHG000B	25	LC1E12	12	LRE16	9.0 - 13	
7.5	10	14	NX63	40NHG000B	40	LC1E18	25	LRE21	12.0 - 18	
9	12	18	NX63	50NHG000B	50	LC1E25	25	LRE22	16 - 24	
11	15	21	NX63	50NHG000B	50	LC1E32	32	LRE22	16 - 24	
15	20	28.5	NX63	63NHG000B	63	LC1E32	40	LRE32	23 - 32	
18.5	25	34	NX80	80NHG000B	80	LC1E40	40	LRE355	30 - 40	
22	30	42	NX80	80NHG000B	80	LC1E50	50	LRE357	37 - 50	
30	40	57	NX100	100NHG000B	100	LC1E65	65	LRE359	48- 65	
37	50	70	NX125	125NHG000B	125	LC1E80	80	LRE363	63- 80	
45	60	81	NX160	160NHG000B	160	LC1E95	95	LRE365	80- 104	
56	75	100	NX160	160NHG000B	160	LC1E120	115	LRE482	84- 135	
80	107	138	NX250	250NHG1B	250	LC1E160	150	LRE483	124- 198	
90	120	165	NX250	250NHG1B	250	LC1E160	160	LRE483	124- 198	
100	135	182	NX315	315NHG2B	315	LC1E200	200	LRE483	124- 198	
110	150	196	NX315	315NHG2B	315	LC1E200	200	LRE483	124- 198	
132	177	240	NX400	355NHG2B	355	LC1E250	250	LRE485	174- 279	
160	215	285	NX400	400NHG2B	400	LC1E300	300	LRE486	208- 333	

## EasyPact TVS Star Delta (Type 2 Co-ordination with Fuse)

- Standard: IEC 60947-4-1
- Fuses: Cooper Bussmann
- Iq (A): 50KA
- Ue: 415Vac / 50Hz
- Contactor Coil: Type M5 (220 Vac/ 50 Hz)

Motor Output		FLC		SDF (NX Range)			Contactor			Thermal Overload Relay		
KW	HP	I Line (A)	I phase (A)	Type	Fuse Type	Fuse Rating (A)	Star Contactor	AC3- A	Main / Delta Contactor	AC3- A	Type	Range (A)
1.5	2	4	2.3	NX32	10NHC00G	10	LC1E09	9	LC1E09	9	LRE07	1.6-2.5
2.2	3	5	3	NX32	16NHC00G	16	LC1E09	9	LC1E09	9	LRE08	2.5-4
3	4	7	4	NX32	16NHC00G	16	LC1E09	9	LC1E09	9	LRE08	2.5-4
4	5.3	9	5	NX32	20NHC00G	20	LC1E09	9	LC1E09	9	LRE10	4-6
5.5	7.5	10	6	NX32	20NHC00G	20	LC1E09	9	LC1E09	9	LRE12	5.5-8
7.5	10	16	9	NX32	32NHC00G	32	LC1E09	9	LC1E09	9	LRE14	7-10
9	12	17	10	NX32	32NHC00G	32	LC1E09	9	LC1E12	9	LRE14	7-10
11	15	21	12	NX63	50NHC00G	50	LC1E12	12	LC1E12	12	LRE16	9-13
15	20	28	16	NX63	63NHC00G	63	LC1E18	18	LC1E18	18	LRE21	12-18
22	30	42	24	NX80	80NHC00G	80	LC1E25	25	LC1E25	25	LRE32	23-32
30	40	57	33	NX125	100NHG00B	100	LC1E40	40	LC1E40	40	LRE355	30-40
45	60	81	47	NX125	125NHG00B	125	LC1E40	40	LC1E50	50	LRE357	37-50
55	75	100	58	NX125	125NHG00B	125	LC1E40	40	LC1E65	65	LRE359	48-65
80	107	139	80	NX200	200NHG1B	200	LC1E80	80	LC1E80	80	LRE363	63-80
110	150	196	113	NX315	315NHG2B	315	LC1E300	300	LC1E300	300	LRE482	84~135
160	215	286	165	NX400	355NHG2B	355	LC1E300	300	LC1E300	300	LRE483	124~198

For details on non-standard references, technical parameters, stockable and non-stockable status, please contact Customer Care Centre.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

The Benchmark for Power Circuit Breakers around the world

# Masterpact NT/NW

LV power circuit breakers 630 to 6300 A



Network Protection



Supervision



Compact

AIR PROCESS

# Masterpact NT and NW

## The Benchmark For Power Circuit Breakers Around The World



Ethernet ready Masterpact NT and NW breakers, setting the standard for performance, safety, connectivity and built-in metering; all in optimized frame sizes

- Ethernet based monitoring, control, alarm notification for energy, asset and network management
- Built-in energy metering with combined accuracy class of 2% for improved energy efficiency
- Masterpact is suitable for heavy duty applications



**Building    Energy    Industry    Datacenter**  
**& Infrastructure**

- Masterpact is an answer to specific applications:
  - 1000V for mining applications
  - Direct current networks
  - Corrosion protection
  - Switch disconnectors and earthing switches

### Range Details:

- 630A to 6300A
- Breaking Capacity upto 150kA
- Fixed, Draw out type
- Flexible terminal orientation enables horizontal or vertical alignment changes in the field\*

\*Not Applicable for 4000A and 6300A

For details on non-standard references, technical parameters, stockable and non-stockable status, please contact Customer Care Centre.

# Micrologic trip system Overview of functions

## Micrologic name codes

**2.0 E**  
X Y Z

### X: type of protection

- 2 for basic protection
- 5 for selective protection
- 6 for selective + earth-fault protection
- 7 for selective + earth-leakage protection.

### Y: control-unit generation

Identification of the control-unit generation.  
"0" signifies the first generation.

### Z: type of measurement

- E for "Energy"
- P for "power meter"
- H for "harmonic meter".



## Measurements and programmable protection

- $I_1, I_2, I_3, I_N, I_{\text{earth-fault}}, I_{\text{earth-leakage}}$  and maximeter for these measurements
- fault indications
- settings in amperes and in seconds.
- calculates the current demand value
- "Quickview" function for the automatic cyclical display of the most useful values (as standard or by selection).

### P: E + power meter + programmable protection

- measurements of V, A, W, VAR, VA, Wh, VARh, VAh, Hz, Vpeak, Apeak, power factor and maximeters and minimeters
- IDMTL long-time protection, minimum and maximum voltage and frequency, voltage and current imbalance, phase sequence, reverse power
- load shedding and reconnection depending on power or current measurements of interrupted currents, differentiated fault indications,
- maintenance indications, event histories and time-stamping, etc.

### H: P + harmonics

- power quality: fundamentals, distortion, amplitude and phase of harmonics up to the 31st order
- waveform capture after fault, alarm or on request
- enhanced alarm programming: thresholds and actions.



# Micrologic Trip unit

Energy efficiency, now within your reach

		E 'Energy'	P 'Power'	H 'Harmonics'
Measuremen	Current , maximeter	●	●	●
	Voltage, PF, Power, demand, energy	●	●	●
	Cos-φ, frequency, per phase, advanced protection		●	●
	Harmonics, waveform capture, enhanced alarms			●
Protection	2 (L, I)	2.0 E		
	5 (L, S, I)	5.0 E	5.0 P	5.0 H
	6 (L, S, I, G)	6.0 E	6.0 P	6.0 H
	7 (L, S, I, V)		7.0 P	7.0 H

# Solar PVDC ACB Offer

Masterpact NW HADCD - PV switch disconnectors



- 2000A and 4000A @ 1000V DC
- Short Circuit Withstand Capacity upto 85kA 1sec
- Fixed and Draw out type
- High Mechanical and Electrical life

# Safer photovoltaic Energy Generation



For details on non-standard references, technical parameters, stockable and non-stockable status, please contact Customer Care Centre.

✓ NORMAL STOCK ITEMS

W.E.F. March 12, 2018

# ATS Kit

Suitable for Masterpact NT/ NW ACB

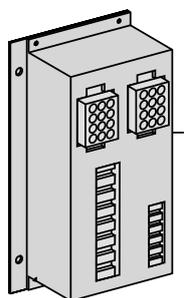
This Kit comprises of :

- > Adaptation fixture & set of two cables for mechanical interlocking
- > IVE unit for Electrical Interlocking
- > ACP control Plate
- > UA/BA controller

\*Note: For ATS with Masterpact NT/NW ACB, order 2 nos. of ACB's with ready to close PF contact + 1 no. ATS Kit



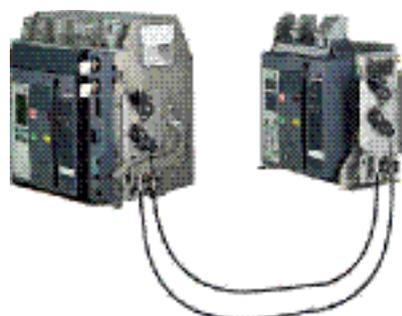
ACP Unit



IVE Unit



Controller



Mechanical interlocking using cable

Description	Reference	Unit MRP [₹]
ATS Kit for Masterpact NT EDO type with BA 415VAC controller	INA_NTDOB4	119875
ATS Kit for Masterpact NT EDO type with UA 415VAC controller	INA_NTDOU4	137520
ATS Kit for Masterpact NW EDO type with BA 415VAC controller	INA_NWDOB4 <input checked="" type="checkbox"/>	129875
ATS Kit for Masterpact NW EDO type with UA 415VAC controller	INA_NWDOU4 <input checked="" type="checkbox"/>	165020

\*\*ATS Kit with for Fixed Breaker and BA controller with 240VAC, contact our customer care

For details on non-standard references, technical parameters, stockable and non-stockable status, please contact Customer Care Centre.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

For details on non-standard references, technical parameters, stockable and non-stockable status, please contact Customer Care Centre.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

The easy choice for reliable performance

# EasyPact MVS

LV power circuit breakers and switch  
disconnectors from 800 to 4000 A



# EasyPact MVS

The easy choice for reliable performance



- Thermal memory ensures safe tripping in case of consecutive faults
- In-built ZSI feature facilitates intelligent discrimination and enhances installation life
- Mechanical ready to close features checks all safety parameters before closing for enhanced safety
- Trip unit with built in current & voltage metering for easy access to important electrical parameters
- Best in class break time of 25ms creates lower stress on installation
- Pollution degree 4 allows the breaker to operate in harsh environments
- LED bargraph ensures easy access to % phase wise loading information
- Ap protection feature standard in all trip units

## Range Details:

- Single frame for 800A to 4000A
- Fixed, Draw out type
- Entire Range  $I_{cu}=I_{cs}=I_{cw}=50kA$  for 1sec @440V
- Suitability for applications up to 690 V
- Flexible terminal orientation enables horizontal or vertical alignment changes in the field\*

\*Not possible for 4000A  
For details on non-standard references, technical parameters, stockable and non-stockable status, please contact Customer Care Centre.

# ET/ETA/ETV Trip System

A step towards intelligent Electrical Distribution Network



	ET TRIP UNIT	ETA Trip Unit	ETV TRIP UNIT
<b>Features</b>	Current Metering	●	●
	Voltage Metering		●
	ZSI	●	●
	% Loading Bar Graph for each phase	●	●
	Thermal Memory	●	●
	Last 10 Trip History		●
<b>Protection</b>	2 (L, I)	2L	2A
		6G	6A

## EasyPact ACB Communication Module NEW



Connect



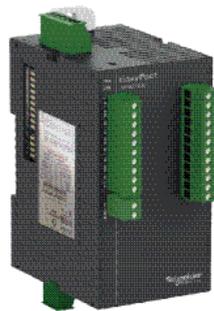
Control



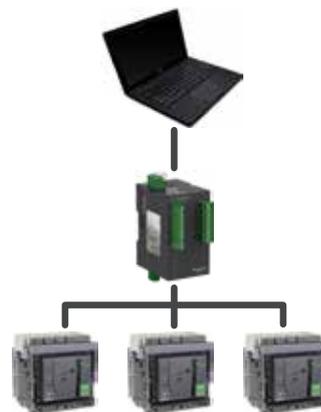
Manage

Make Communication architecture affordable and Easy to maintain

- Connect, Control & Manage three ACBs from one communication module having RS485 port with Modbus RTU protocol.
  - a. Connect breaker ON/OFF status (OF) Breaker trip status (SDE), ready to close status (PF)
  - b. Control remote open/close of air circuit breakers.
  - c. Manage one analog input (4-20mA)



EasyPact MVS communication module connect and control ACB on Modbus Communication architecture.



Reference no	Material description	LP
MVS21430	EasyPact MVS Communication module .... EasyCom	10,300

For details on non-standard references, technical parameters, stockable and non-stockable status, please contact Customer Care Centre.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

# EasyPact MVS Draw-out ACB

## Draw-out type Circuit breakers and Switch Disconnectors 800-4000A



- Conforms to IS/ IEC 60947-2 & 3
- Microprocessor based ET trip systems with thermal memory
- No derating up to 50°C
- Zone Selective Interlocking
- Fully rated neutral with inbuilt protection
- Pre trip alarm & individual fault indicating LEDs
- ET6L provides Overload, Short-circuit, Instantaneous & Earth-fault protections
- Icu=Ics=Icw(1sec) = 50kA @ 440V AC

### Draw-out Type circuit breaker with Microprocessor based ET6G Trip Unit (without display)

Rating In (A)	3P Draw-Out Manual Reference	Unit LP [₹]	3P Draw-Out Electrical Reference	Unit LP [₹]	4P Draw-Out Manual Reference	Unit LP [₹]	4P Draw-Out Electrical Reference	Unit LP [₹]
800	MVS08N3MW6L	171140	MVS08N3NW6L	215640	MVS08N4MW6L	214800	MVS08N4NW6L	259300
1000	MVS10N3MW6L	179780	MVS10N3NW6L	224280	MVS10N4MW6L	225040	MVS10N4NW6L	269540
1250	MVS12N3MW6L	200180	MVS12N3NW6L	244680	MVS12N4MW6L	249250	MVS12N4NW6L	293750
1600	MVS16N3MW6L	227510	MVS16N3NW6L	272010	MVS16N4MW6L	277610	MVS16N4NW6L	322110
2000	MVS20N3MW6L	276560	MVS20N3NW6L	321060	MVS20N4MW6L	339650	MVS20N4NW6L	384150
2500	MVS25N3MW6L	341920	MVS25N3NW6L	386420	MVS25N4MW6L	415480	MVS25N4NW6L	459980
3200	MVS32N3MW6L	417560	MVS32N3NW6L	462060	MVS32N4MW6L	512000	MVS32N4NW6L	556500
4000	MVS40N3MW6L	510700	MVS40N3NW6L	555200	MVS40N4MW6L	649500	MVS40N4NW6L	694000

### EasyPact MVS Draw out ACB

ACB variants	LP changes for product Configuration w.r.t. ACB having ET6G trip unit.		How to arrive at new reference number*
Switch Disconnector version (without trip unit)	Reduce	₹19300	<b>Example :</b> ACB reference with ET6G trip unit - MVS08N3MW6L. For switch disconnector reference <b>replace 6L by 0D</b> i.e MVS08N3MW0D
ACB with ET6A trip unit (LCD display with Current Metering)	Add	₹9200	<b>Example :</b> ACB reference with ET6G trip unit - MVS08N3MW6L. For ACB reference with ET6A trip unit <b>replace 6L by 6A</b> i.e MVS08N3MW6A
ACB with ET6V trip unit (LCD display with Current Metering & Voltage Metering and Last 10 Trip History)	Add	₹21200	<b>Example :</b> ACB reference with ET6G trip unit - MVS08N3MW6L. For ACB reference with ET6V trip unit <b>replace 6L by 6V</b> i.e MVS08N3MW6V

\*- Same Philosophy for 3 Pole/ 4 Pole and Manual/ Electrical References

#### Note:

All draw-out type circuit breakers will be supplied with:

- Top and Bottom horizontal terminations.
  - 1 No. Electrical fault indication Contact (SDE).
  - No. Auxiliary contact block (OF) with 4 C/O contacts.
  - Safety shutters on Chassis & door sealing frame- Escutcheon (CDP).
- All electrical operated breakers are supplied with motor mechanism (MCH), closing coil (XF) & shunt release (MX) (Voltage ratings to be specified by customer & duty filled in ACB Order form)
  - External Neutral CT required for highly un-balanced TP-N system has to be ordered at extra price.
  - Any other accessories are optional at extra price.

For details on non-standard references, technical parameters, stockable and non-stockable status, please contact Customer Care Centre.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

# EasyPact MVS Draw-out ACB

## Draw-out type Circuit breakers and Switch Disconnectors 800-4000A



- Conforms to IS/ IEC 60947-2 & 3
- Microprocessor based ET trip systems with thermal memory
- No derating up to 50°C
- Fully rated neutral with inbuilt protection
- Pre trip alarm & individual fault indicating LEDs
- ET2L provides Overload & Short-circuit protections
- $I_{cu}=I_{cs}=I_{cw}(1\text{sec}) = 50\text{kA} @ 440\text{V AC}$

### Draw-out Type circuit breaker with Microprocessor based ET2L Trip Unit (without display)

Rating In (A)	3P Draw-Out Manual Reference	Unit LP [₹]	3P Draw-Out Electrical Reference	Unit LP [₹]	4P Draw-Out Manual Reference	Unit LP [₹]	4P Draw-Out Electrical Reference	Unit LP [₹]
800	MVS08N3MW2L	163740	MVS08N3NW2L	208240	MVS08N4MW2L	207400	MVS08N4NW2L	251900
1000	MVS10N3MW2L	172380	MVS10N3NW2L	216880	MVS10N4MW2L	217640	MVS10N4NW2L	262140
1250	MVS12N3MW2L	192780	MVS12N3NW2L	237280	MVS12N4MW2L	241850	MVS12N4NW2L	286350
1600	MVS16N3MW2L	220110	MVS16N3NW2L	264610	MVS16N4MW2L	270210	MVS16N4NW2L	314710
2000	MVS20N3MW2L	269160	MVS20N3NW2L	313660	MVS20N4MW2L	332250	MVS20N4NW2L	376750
2500	MVS25N3MW2L	334520	MVS25N3NW2L	379020	MVS25N4MW2L	408080	MVS25N4NW2L	452580
3200	MVS32N3MW2L	410160	MVS32N3NW2L	454660	MVS32N4MW2L	504600	MVS32N4NW2L	549100
4000	MVS40N3MW2L	503300	MVS40N3NW2L	547800	MVS40N4MW2L	642100	MVS40N4NW2L	686600

### EasyPact MVS Draw out ACB

ACB variants	LP changes for product Configuration w.r.t. ACB having ET2L trip unit.		How to arrive at new reference number*
ACB with ET2A trip unit (LCD display with Current Metering)	Add	₹4600	<b>Example :</b> ACB reference with ET2L trip unit - MVS08N3MW2L. <b>For ACB reference</b> with ET2A trip unit <b>replace 2L by 2A</b> i.e MVS08N3MW2A
ACB with ET2V trip unit (LCD display with Current Metering & Voltage Metering and Last 10 Trip History)	Add	₹13800	<b>Example :</b> ACB reference with ET2L trip unit - MVS08N3MW2L. <b>For ACB reference</b> with ET2V trip unit <b>replace 2L by 2V</b> i.e MVS08N3MW2V

AC\* Same Philosophy for 3 Pole/ 4 Pole and Manual/ Electrical References

#### Note:

All draw-out type circuit breakers will be supplied with:

- Top and Bottom horizontal terminations.
- 1 No. Electrical fault indication Contact (SDE).
- 1 No. Auxiliary contact block (OF) with 4 C/O contacts.
- Safety shutters on Chassis & door sealing frame- Escutcheon (CDP).

- All electrical operated breakers are supplied with motor mechanism (MCH), closing coil (XF) & shunt release (MX).
- External Neutral CT required for highly un-balanced TP-N system has to be ordered at extra price.
- Any other accessories are optional at extra price.

For details on non-standard references, technical parameters, stockable and non-stockable status, please contact Customer Care Centre.

☑ NORMAL STOCK ITEMS

W.E.F. March 12, 2018

# EasyPact MVS Fixed ACB

## Fixed type Circuit breakers & Switch Disconnectors 800-4000A



- Conforms to IS/ IEC 60947-2 & 3
- Microprocessor based ET trip systems with thermal memory
- No derating up to 50° C
- Zone Selective Interlocking
- Fully rated neutral with inbuilt protection
- Pre trip alarm & individual fault indicating LEDs
- $I_{cu}=I_{cs}=I_{cw}(1\text{sec})=50\text{kA}@440\text{V AC}$

### Fixed Type circuit breaker with Microprocessor based ET6G Trip Unit (without display)

Rating in (A)	3P Fix Manual Reference	Unit LP [₹]	3P Fix Electrical Reference	Unit LP [₹]	4P Fix Manual Reference	Unit LP [₹]	4P Fix Electrical Reference	Unit LP [₹]
800	MVS08N3MF6L	127610	MVS08N3NF6L	172110	MVS08N4MF6L	162250	MVS08N4NF6L	206750
1000	MVS10N3MF6L	139690	MVS10N3NF6L	184190	MVS10N4MF6L	176210	MVS10N4NF6L	220710
1250	MVS12N3MF6L	160550	MVS12N3NF6L	205050	MVS12N4MF6L	200590	MVS12N4NF6L	245090
1600	MVS16N3MF6L	178220	MVS16N3NF6L	222720	MVS16N4MF6L	230370	MVS16N4NF6L	274870
2000	MVS20N3MF6L	208240	MVS20N3NF6L	252740	MVS20N4MF6L	272140	MVS20N4NF6L	316640
2500	MVS25N3MF6L	253870	MVS25N3NF6L	298370	MVS25N4MF6L	320740	MVS25N4NF6L	365240
3200	MVS32N3MF6L	363400	MVS32N3NF6L	407900	MVS32N4MF6L	448370	MVS32N4NF6L	492870
4000	MVS40N3MF6L	447520	MVS40N3NF6L	492020	MVS40N4MF6L	561050	MVS40N4NF6L	605550

### EasyPact MVS Fix ACB

ACB variants	LP changes for product Configuration w.r.t. ACB having ET6G trip unit.		How to arrive at new reference number*
Switch Disconnector version (without trip unit)	Reduce	₹19300	<b>Example :</b> ACB reference with ET6G trip unit - MVS08N3MF6L. For switch disconnector reference <b>replace 6L by 0D</b> i.e MVS08N3MF0D
ACB with ET6A trip unit (LCD display with Current Metering)	Add	₹9200	<b>Example :</b> ACB reference with ET6G trip unit - MVS08N3MF6L. For ACB reference with ET6A trip unit <b>replace 6L by 6A</b> i.e MVS08N3MF6A
ACB with ET6V trip unit (LCD display with Current Metering & Voltage Metering and Last 10 Trip History)	Add	₹21200	<b>Example :</b> ACB reference with ET6G trip unit - MVS08N3MF6L. For ACB reference with ET6V trip unit <b>replace 6L by 6V</b> i.e MVS08N3MF6V

\* Same Philosophy for 3 Pole/ 4 Pole and Manual/ Electrical References

#### Note:

All Fix type circuit breakers will be supplied with:

- horizontal / vertical terminal
  - 1 No. Electrical fault indication Contact (SDE).
  - 1 No. Auxiliary contact block (OF) with 4 C/O contacts.
  - door sealing frame- Escutcheon (CDP).
- All switch disconnectors are without protection
  - All electrical operated breakers are supplied with motor mechanism (MCH), closing coil (XF) & shunt release (MX).
  - External Neutral CT required for highly un-balanced TP-N system has to be ordered at extra price.
  - Any other accessories are optional at extra price.

For details on non-standard references, technical parameters, stockable and non-stockable status, please contact Customer Care Centre.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

- Conforms to IS/ IEC 60947-2 & 3
- Microprocessor based ET trip systems with thermal memory
- No derating up to 50° C
- Fully rated neutral with inbuilt protection
- Pre trip alarm & individual fault indicating LEDs
- $I_{cu}=I_{cs}=I_{cw}(1sec) = 50kA @ 440V AC$

### Fixed Type circuit breaker with Microprocessor based ET2L Trip Unit (without display)

Rating in (A)	3P Fix Manual Reference	Unit LP [₹]	3P Fix Electrical Reference	Unit LP [₹]	4P Fix Manual Reference	Unit LP [₹]	4P Fix Electrical Reference	Unit LP [₹]
800	MVS08N3MF2L	120210	MVS08N3NF2L	164710	MVS08N4MF2L	154850	MVS08N4NF2L	199350
1000	MVS10N3MF2L	132290	MVS10N3NF2L	176790	MVS10N4MF2L	168810	MVS10N4NF2L	213310
1250	MVS12N3MF2L	153150	MVS12N3NF2L	197650	MVS12N4MF2L	193190	MVS12N4NF2L	237690
1600	MVS16N3MF2L	170820	MVS16N3NF2L	215320	MVS16N4MF2L	222970	MVS16N4NF2L	267470
2000	MVS20N3MF2L	200840	MVS20N3NF2L	245340	MVS20N4MF2L	264740	MVS20N4NF2L	309240
2500	MVS25N3MF2L	246470	MVS25N3NF2L	290970	MVS25N4MF2L	313340	MVS25N4NF2L	357840
3200	MVS32N3MF2L	356000	MVS32N3NF2L	400500	MVS32N4MF2L	440970	MVS32N4NF2L	485470
4000	MVS40N3MF2L	440120	MVS40N3NF2L	484620	MVS40N4MF2L	553650	MVS40N4NF2L	598150

### EasyPact MVS Fix ACB

ACB variants	LP changes for product configuration w.r.t. ACB having ET2L trip unit	How to arrive at new reference number
ACB with ET2A trip unit (LCD display with Current Metering)	Add ₹4600	<b>Example :</b> ACB reference with ET2L trip unit - MVS08N3MF2L. <b>For ACB reference with ET2A trip unit replace 2L by 2A</b> i.e MVS08N3MF2A
ACB with ET2V trip unit (LCD display with Current Metering & Voltage Metering and Last 10 Trip History)	Add ₹13800	<b>Example :</b> ACB reference with ET2L trip unit - MVS08N3MF2L. <b>For ACB reference with ET2V trip unit replace 2L by 2V</b> i.e MVS08N3MF2V

\* Same Philosophy for 3 Pole/ 4 Pole and Manual/ Electrical References

Note:

All Fix type circuit breakers will be supplied with:

- horizontal / vertical terminal
  - 1 No. Electrical fault indication Contact (SDE).
  - 1 No. Auxiliary contact block (OF) with 4 C/O contacts.
  - door sealing frame- Escutcheon (CDP).
- All switch disconnectors are without protection
  - All electrical operated breakers are supplied with motor mechanism (MCH), closing coil (XF) & shunt release (MX).
  - External Neutral CT required for highly un-balanced TP-N system has to be ordered at extra price.
  - Any other accessories are optional at extra price.

For details on non-standard references, technical parameters, stockable and non-stockable status, please contact Customer Care Centre.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

Pole Description	Rated Operational Current	Reference	Unit LP [₹]
<b>Gear Motor (MCH)</b>			
AC 50/60 Hz	100/130 V	47893	35800
	200/240 V	47894 <input checked="" type="checkbox"/>	
	380/415 V	47896	
DC	24/30 V	47888	
	48/60 V	47889	
	100/125 V	47890	
	200/250 V	47891	
<b>Closing Release (XF)</b>			
AC 50/60 Hz DC	24/30 V DC	33659	5100
	48/60 V DC	33660	
	100/130 V AC/DC	MVS15511 <input checked="" type="checkbox"/>	
	200/250 V AC/DC	MVS15512 <input checked="" type="checkbox"/>	
	380/480 V AC	MVS15513	
<b>Opening Release (MX)</b>			
AC 50/60 Hz DC	24/30 V DC, 24 V AC	33659	5100
	48/60 V DC, 48 V AC	33660	
	100/130 V AC/DC	33661 <input checked="" type="checkbox"/>	
	200/250 V AC/DC	33662 <input checked="" type="checkbox"/>	
	380/480 V AC	33664 <input checked="" type="checkbox"/>	
<b>Terminal Block</b>			
For drawout circuit breaker		47849	210
<b>Under Voltage Release (MN)</b>			
AC 50/60 Hz DC	24/30 V DC, 24 V AC	33668	5200
	48/60 V DC, 48 V AC	33669	
	100/130 V AC/DC	33670 <input checked="" type="checkbox"/>	
	200/250 V AC/DC	33671 <input checked="" type="checkbox"/>	
	380/480 V AC	33673 <input checked="" type="checkbox"/>	
<b>MN Delay Unit</b>			
AC 50/60 Hz DC	48/60 V AC/DC	33680	7600
	100/130 V AC/DC	33681	
	200/250 V AC/DC	33682	
	380/480 V AC/DC	33683	
	100/130 V AC/DC	33684	7100
	200/250 V AC/DC	33685 <input checked="" type="checkbox"/>	
<b>ON/OFF Indication Contacts (Additional OF contact)</b>			
1 additional block of 4 contacts		47887	4600
<b>Door Interlock (VPECD)/1 part</b>			
On right hand side of chassis		47914 <input checked="" type="checkbox"/>	2500
<b>Operation Counter</b>			
Operation Counter CDM		48535	7150

For details on non-standard references, technical parameters, stockable and non-stockable status, please contact Customer Care Centre.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

# EasyPact SPS

Standard Protection System for your electrical distribution network



**800-1600A**

**ET2.0  
Trip System**

**ET6G  
Trip System**

Microprocessor Base Trip Units

Schneider Electric Global specialist in the field of ACBs and MCCBs, introduces EasyPact SPS range of ACBs

- Single Frame size from 800-1600A
- ASIC Based Microprocessor trip unit with OL, SC & EF protection features, which offer fastest short circuit tripping time in its class
- 25 ms short circuit tripping time ensure low let through energy increase the longevity of an electrical distribution network, cables and equipment
- Offer highest standards of safety for operator as well as Electrical distribution network
- Pollution category –III along with modular technology ensure high operating cycles without maintenance
- Simple to choose and easy to install

For details on non-standard references, technical parameters, stockable and non-stockable status, please contact Customer Care Centre.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018



- All EasyPact SPS Air Circuit Breakers are equipped with terminal adaptors
- Conforms to IS/ IEC 60947-2 & 3
- Microprocessor based ET trip systems with thermal memory
- Fully rated neutral with inbuilt protection
- ET6L provides Overload, Short-circuit, Instantaneous & Earth-fault protections
- ET2B provides Overload & Short-circuit protections
- Short circuit breaking capacity 50kA @ 440V AC

### Draw-out Type circuit breaker with Microprocessor based ET6G Trip Unit

Rating in (A)	3P Draw-Out Manual Reference	Unit LP [₹]	3P Draw-Out Electrical Reference	Unit LP [₹]	4P Draw-Out Manual Reference	Unit LP [₹]	4P Draw-Out Electrical Reference	Unit LP [₹]
800	SPS08F3PMW6L	130880	SPS08F3PEW6L	168780	SPS08F4PMW6L	164130	SPS08F4PEW6L	202030
1000	SPS10F3PMW6L	137130	SPS10F3PEW6L	175030	SPS10F4PMW6L	173620	SPS10F4PEW6L	211520
1250	SPS12F3PMW6L	153380	SPS12F3PEW6L	191280	SPS12F4PMW6L	195630	SPS12F4PEW6L	233530
1600	SPS16F3PMW6L	173040	SPS16F3PEW6L	210940	SPS16F4PMW6L	221450	SPS16F4PEW6L	259350

### Draw-out Type circuit breaker with Microprocessor based ET2B Trip Unit

Rating in (A)	3P Draw-Out Manual Reference	Unit LP [₹]	3P Draw-Out Electrical Reference	Unit LP [₹]	4P Draw-Out Manual Reference	Unit LP [₹]	4P Draw-Out Electrical Reference	Unit LP [₹]
800	SPS08F3PMW2B	129080	SPS08F3PEW2B	166980	SPS08F4PMW2B	162330	SPS08F4PEW2B	200230
1000	SPS10F3PMW2B	135330	SPS10F3PEW2B	173230	SPS10F4PMW2B	171820	SPS10F4PEW2B	209720
1250	SPS12F3PMW2B	151580	SPS12F3PEW2B	189480	SPS12F4PMW2B	193830	SPS12F4PEW2B	231730
1600	SPS16F3PMW2B	171240	SPS16F3PEW2B	209140	SPS16F4PMW2B	219650	SPS16F4PEW2B	257550

### Draw-out Type switch disconnector without protection

Rating in (A)	3P Draw-Out Manual Reference	Unit LP [₹]	3P Draw-Out Electrical Reference	Unit LP [₹]	4P Draw-Out Manual Reference	Unit LP [₹]	4P Draw-Out Electrical Reference	Unit LP [₹]
800	SPS08F3PMW0D	116680	SPS08F3PEW0D	154580	SPS08F4PMW0D	149930	SPS08F4PEW0D	187830
1000	SPS10F3PMW0D	122930	SPS10F3PEW0D	160830	SPS10F4PMW0D	159420	SPS10F4PEW0D	197320
1250	SPS12F3PMW0D	139180	SPS12F3PEW0D	177080	SPS12F4PMW0D	181430	SPS12F4PEW0D	219330
1600	SPS16F3PMW0D	158840	SPS16F3PEW0D	196740	SPS16F4PMW0D	207250	SPS16F4PEW0D	245150

#### Note:

All draw-out type circuit breakers will be supplied with:

- Vertical-vertical terminations.
- 1 No. Electrical fault indication Contact (SDE).
- 1 No. Auxiliary contact block (OF) with 2 C/O contacts.
- Safety shutters on Chassis & door sealing frame- Escutcheon (CDP).

- All switch disconnectors are without protection
- All electrical operated breakers are supplied with motor mechanism (MCH), closing coil (XF) and shunt release (MX).
- External Neutral CT required for highly un-balanced TP-N system has to be ordered at extra price.
- Any other accessories are optional at extra price.



For details on non-standard references, technical parameters, stockable and non-stockable status, please contact Customer Care Centre.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018



- All EasyPact SPS Air Circuit Breakers are equipped with terminal adaptors
- Conforms to IS/ IEC 60947-2 & 3
- Microprocessor based ET trip systems with thermal memory
- Fully rated neutral with inbuilt protection
- ET6L provides Overload, Short-circuit, Instantaneous & Earth-fault protections
- ET2B provides Overload & Short-circuit protections
- Short circuit breaking capacity 50kA @ 440V AC

## Fixed Type circuit breaker with Microprocessor based ET6G Trip Unit

Rating in (A)	3P Fixed Manual Reference	Unit LP [₹]	3P Fixed Electrical Reference	Unit LP [₹]	4P Fixed Manual Reference	Unit LP [₹]	4P Fixed Electrical Reference	Unit LP [₹]
800	SPS08F3PMF6L	100540	SPS08F3PEF6L	138440	SPS08F4PMF6L	122230	SPS08F4PEF6L	160130
1000	SPS10F3PMF6L	105850	SPS10F3PEF6L	143750	SPS10F4PMF6L	131240	SPS10F4PEF6L	169140
1250	SPS12F3PMF6L	122040	SPS12F3PEF6L	159940	SPS12F4PMF6L	152260	SPS12F4PEF6L	190160
1600	SPS16F3PMF6L	141320	SPS16F3PEF6L	179220	SPS16F4PMF6L	174060	SPS16F4PEF6L	211960

## Fixed Type circuit breaker with Microprocessor based ET2B Trip Unit

Rating in (A)	3P Fixed Manual Reference	Unit LP [₹]	3P Fixed Electrical Reference	Unit LP [₹]	4P Fixed Manual Reference	Unit LP [₹]	4P Fixed Electrical Reference	Unit LP [₹]
800	SPS08F3PMF2B	98740	SPS08F3PEF2B	136640	SPS08F4PMF2B	120430	SPS08F4PEF2B	158330
1000	SPS10F3PMF2B	104050	SPS10F3PEF2B	141950	SPS10F4PMF2B	129440	SPS10F4PEF2B	167340
1250	SPS12F3PMF2B	120240	SPS12F3PEF2B	158140	SPS12F4PMF2B	150460	SPS12F4PEF2B	188360
1600	SPS16F3PMF2B	139520	SPS16F3PEF2B	177420	SPS16F4PMF2B	172260	SPS16F4PEF2B	210160

## Fixed Type switch disconnector without protection

Rating in (A)	3P Fixed Manual Reference	Unit LP [₹]	3P Fixed Electrical Reference	Unit LP [₹]	4P Fixed Manual Reference	Unit LP [₹]	4P Fixed Electrical Reference	Unit LP [₹]
800	SPS08F3PMF0D	86340	SPS08F3PEF0D	124240	SPS08F4PMF0D	108030	SPS08F4PEF0D	145930
1000	SPS10F3PMF0D	91650	SPS10F3PEF0D	129550	SPS10F4PMF0D	117040	SPS10F4PEF0D	154940
1250	SPS12F3PMF0D	107840	SPS12F3PEF0D	145740	SPS12F4PMF0D	138060	SPS12F4PEF0D	175960
1600	SPS16F3PMF0D	127120	SPS16F3PEF0D	165020	SPS16F4PMF0D	159860	SPS16F4PEF0D	197760

**Note:** All Fixed type circuit breakers will be supplied with: (i) Vertical-vertical terminations. (ii) 1 No. Electrical fault indication Contact (SDE). (iii) 1 No. Auxiliary contact block (OF) with 2 C/O contacts.  
All switch disconnectors are without protection | All electrical operated breakers are supplied with motor mechanism (MCH), closing coil (XF) and shunt release (MX). | External Neutral CT required for highly un-balanced TP-N system has to be ordered at extra price. | Any other accessories are optional at extra price.

## Accessories

Pole Description	Rated Operational Current	Reference	Unit LP [₹]
<b>Gear Motor (MCH)</b>			
AC 50/60 Hz	100/130 V	33176	36000
	200/240 V	33177	36000
	277/415 V	33179	36000
DC	24/30 V	33185	36000
	48/60 V	33186	36000
	100/125 V	33187	36000
	200/250 V	33188	36000
<b>Terminal Block</b>			
For Fixed circuit breaker		47074	190
For Drawout circuit breaker		33098	215
<b>ON/OFF Indication contacts (OF) 1Part</b>			
Changeover contact 6A	240V	47076	1050
<b>Ready to close contact</b>			
Changeover contact 5A	240V	47080	2400
<b>Door interlock (VPECD)/1 part</b>			
Right side of chassis		33172	2200

For details on non-standard references, technical parameters, stockable and non-stockable status, please contact Customer Care Centre.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

“Ecodial Advance Calculation 4” sizing software

The reference tool for  
electrical installations  
compliant and  
performant



To download Ecodial Advance Calculation Version:  
<https://hto.power.schneider-electric.com/ecodialadvancecalculation/#/homepage>

To download Ecodial plugin for AutoCAD Version 1.3:  
<http://hto.power.schneider-electric.com/EcodialPlugin/#/>

## Unequaled For you benefits



### Time savings and increased productivity

- > User-friendly and intuitive software.
- > Verification of electrical network consistency prior to calculation of solutions.
- > Errors reported and identified on the single-line diagram.
- > Calculation reports and information immediately usable (deliverables ready to use: single Word document, printable and convertible to PDF).

### High added value level

- > Consideration of the installation operating modes and the need for continuity of supply.
- > Consistency of choices between calculated switchgear and proposed equipment (for example: compatibility between switchgear and switchboard or Canalis).
- > Harmonisation of the protection schedule:
- > Ecodial Advance Calculation 4 lets you easily customise the protection choices out of the alternatives.

### Enhanced expert image

- > Compliance with calculation standards: compliance with the CENELEC TR50480 technical report.
- > Compliance with installation standards: non-conformities are automatically reported.
- > Compliance with product standards: all recommended Schneider Electric products comply with applicable standards.
- > Guarantee of having the most up-to-date offers.
- > Complete study file: automatic generation of design notes and cable and protection schedule.

## For your customers

### Shorter design times

- > No time wasted in calculation, search for current products conforming to standards, processing of data and deliverables, etc.

### Installation conforming to applicable standards

- > Complete compliance with calculation and installation standards.
  - > Guaranteed safety of persons and equipment.
- Reworking to conformity

of the existing installation.

### Optimised latest generation solution

- > Installation operating constraints and need for continuity of supply are taken into account as from the design stage.
- > Choice of products out of the latest Schneider Electric ranges.





Life Is On

**Schneider**  
Electric

## Schneider Electric India Pvt. Ltd.

Corporate Office: 9th Floor, DLF Building No. 10, Tower C, DLF Cyber City, Phase II, Gurugram 122002 Haryana  
Tel.: ++91 124 3940400 Fax: ++91 124 4222036/ 037

Ahmedabad  
Schneider Electric India (P) Ltd.  
1506-1507, 15th Floor Shapth-5,  
SG Highway, Ahmedabad - 380015  
Tel.: 079-66826701

Cochin  
Schneider Electric India (P) Ltd.  
41 / 406- D1,3rd Floor, Beejay  
Towers,  
Rajaji Road Cochin- 682035  
Tel.: 0484-3048401

Ludhiana  
Schneider Electric India (P) Ltd.  
Office No. - 3, 5th Floor, Novelty Plaza  
Bhaiwala Chowk  
Ludhiana- 140001  
Tel.: 0161- 4656672-75

Secunderabad  
D.No. 1-8-271, # 401, Ashoka Bhoopal  
Chambers, SP Road,  
Secunderabad - 500003  
Tel.: 04039404000  
Fax.: 040-39131313

Bengaluru  
Schneider Electric India (P) Ltd.  
No. 3/1, JP Techno Park,  
Mezzanine Floor, Millers Tank Bund  
Road, Vasanth Nagar,  
Bengaluru - 560052. Tel.: 080-71481351

Coimbatore  
Schneider Electric India (P) Ltd.  
No. -104, Classic Tower, 3rd Floor,  
Trichy Road, Coimbatore- 641018  
Tel.: 0422-3940400

Mumbai  
Schneider Electric India (P)( Ltd)  
Marwah House, 2nd Floor  
Krishanalal Marwah Marg,  
Andheri (East), Mumbai - 400072  
Tel.: 91-22-30263300

Vadodara  
605 & 606, 6th Floor Ocean Building,  
Opp.Vadodara Central, Sarabhai Road,  
Vadodara-390005  
Tel.: 0265-3940400

Bhubaneswar:  
Schneider Electric India (P) Ltd.  
6th Floor, Block A, JSS Software Technol-  
ogy park , E 1/1 , Chandaka Industrial  
Estate, Info City , Bhubaneswar -751025  
Tel.: 0674-6672000

Jaipur  
Schneider Electric India (P) Ltd.  
Jaipur Business Centre 309, 3rd  
Floor, Sangam Tower 190, Church  
Road, Jaipur-302001  
Tel.: 0141-3912903

Nagpur  
Schneider Electric India (P) Ltd.  
Fortune Business Centre, 6,  
Basant Vihar, W.H.C Road  
Shankar Nagar, Nagpur- 440010  
Tel.: 0712-2558581

Vishakhapatnam  
Schneider Electric India (P) Ltd.  
Ratnam's Business Centre,  
D.N.10-1-43, 1st Floor  
Siripuram Fort,C.B.M.Compound,  
Visakhapatnam- 530016  
Tel.: 0891 - 2508990

Chandigarh  
Schneider Electric India (P) Ltd.  
2nd Floor of Tower A  
Bestech Business Tower  
Sector-66  
Mohali- 160059  
Tel.: 0172-3324500

Kolkata  
Schneider Electric (I)Pvt.Ltd,  
BP-4, Sector-V  
Technopolis  
3rd floor, Salt Lake City  
Kolkata- 700 091  
Tel.: 033-333640100-101

Nashik:  
Schneider Electric India (P) Ltd.  
401, 4th Floor Rishi Raj Towers, Jehan  
Circle, Gangapur Road,  
Nashik- 422013  
Tel: +91-7620498557

Chennai  
Schneider Electric India (P) Ltd.  
No:29, 2nd floor, Bannari Amman Towers,  
B-Block,RK Salai, Mylapore  
Chennai - 600 004  
Tel.:044- 39404000

Lucknow  
Schneider Electric India (P) Ltd.  
1st Floor, Asha Bhawan 27 / II -A,  
Gokhale Marg, Lucknow- 226001  
Tel.: 0522-4006010

Pune  
Schneider Electric India (P) Ltd.  
1st Floor, R.B. Business Centre  
Above Dass Electronics  
Sanghvi Nagar, Aundh, Pune- 411007  
Tel.: 020-39404000

### Customer Care Centre

Monday-Saturday, 9 a.m. to 8 p.m.

Toll-free numbers: 1800 419 4272, 1800 103 0011

Email: [customer-care.in@schneider-electric.com](mailto:customer-care.in@schneider-electric.com)

For more information, visit our website at: [www.schneider-electric.co.in](http://www.schneider-electric.co.in)

- All Prices are in Indian Rupees.
- Prices are subject to change without notice.
- Prices charged will be as prevailing on the date of dispatch.
- Maximum Retail Price (MRP) is inclusive of all taxes

- Tax incidence on invoices is basis applicable GST rates. Invoice amount not to exceed MRP.
- Invoice Amount = (MRP – less Applicable discount) + Applicable GST %

**Distributor**



 PriceList

# LV- Power Quality Products and Equipments

With effect from March 12, 2018



[schneider-electric.co.in](http://schneider-electric.co.in)



---

- LV- Power Quality Products and Equipments
  - Can Type 440V Range .....05
  - Box Type 440V Range .....06
  - Capacitor for Detuned filter Application 480V & 525V .....07
  - Detuned Reactor 440V range 5.67 % , 7% & 14 % ..... 10
  - APFC Relays..... 11
  - TeSys Capacitor Duty Contactors (AC control)..... 11
  - Power Factor Correction Equipment- VarSet ..... 13
  - Harmonic Filtration Equipment-AccuSine..... 16
  - Selection of capacitor (kVAr & Voltage) for Detuned filter Application ..... 17



# VarPlus Box Xtreme



Built to perform in **Xtreme** conditions

- Designed for 60°C, offers 60% more life than products designed at 55°C
- Tested to perform 150,000 hrs life in standard operating conditions
- Xtreme inrush withstand of 350X In
- Designed to work in Xtreme environments

[Schneider-electric.co.in](https://www.schneider-electric.co.in)

# Power Factor Correction Products



Can (Cylindrical) Type 440V Capacitors

Description	kVAr Rating	Minimum Ordering Quantity (No.)	Reference	Unit LP
<b>EasyCan (S Duty) 440V Range</b>				
MPP - Standard Duty Can 3Ph 1kVAr 440V 50Hz	1	3	MEHVCSDY010A44	408
MPP - Standard Duty Can 3Ph 2kVAr 440V 50Hz	2	3	MEHVCSDY020A44 <input checked="" type="checkbox"/>	568
MPP - Standard Duty Can 3Ph 3kVAr 440V 50Hz	3	3	MEHVCSDY030A44 <input checked="" type="checkbox"/>	852
MPP - Standard Duty Can 3Ph 4kVAr 440V 50Hz	4	3	MEHVCSDY040A44 <input checked="" type="checkbox"/>	1137
MPP - Standard Duty Can 3Ph 5kVAr 440V 50Hz	5	3	MEHVCSDY050A44 <input checked="" type="checkbox"/>	1126
MPP - Standard Duty Can 3Ph 7.5kVAr 440V 50Hz	7.5	3	MEHVCSDY075A44	1690
MPP - Standard Duty Can 3Ph 10kVAr 440V 50Hz	10	1	MEHVCSDY100A44 <input checked="" type="checkbox"/>	1976
MPP - Standard Duty Can 3Ph 12.5kVAr 440V 50Hz	12.5	1	MEHVCSDY125A44 <input checked="" type="checkbox"/>	2469
MPP - Standard Duty Can 3Ph 15kVAr 440V 50Hz	15	1	MEHVCSDY150A44 <input checked="" type="checkbox"/>	2962
MPP - Standard Duty Can 3Ph 20kVAr 440V 50Hz	20	1	MEHVCSDY200A44 <input checked="" type="checkbox"/>	3948
MPP - Standard Duty Can 3Ph 25kVAr 440V 50Hz	25	1	MEHVCSDY250A44 <input checked="" type="checkbox"/>	4937
<b>VarPlus Can (H Duty) 440V Range</b>				
MPP - Heavy Duty Can 3Ph 1kVAr 440V 50Hz	1	3	MEHVCHDY010A44	544
MPP - Heavy Duty Can 3Ph 2kVAr 440V 50Hz	2	3	MEHVCHDY020A44 <input checked="" type="checkbox"/>	853
MPP - Heavy Duty Can 3Ph 3kVAr 440V 50Hz	3	3	MEHVCHDY030A44 <input checked="" type="checkbox"/>	1280
MPP - Heavy Duty Can 3Ph 4kVAr 440V 50Hz	4	3	MEHVCHDY040A44 <input checked="" type="checkbox"/>	1706
MPP - Heavy Duty Can 3Ph 5kVAr 440V 50Hz	5	3	MEHVCHDY050A44 <input checked="" type="checkbox"/>	1796
MPP - Heavy Duty Can 3Ph 7.5kVAr 440V 50Hz	7.5	3	MEHVCHDY075A44	2695
MPP - Heavy Duty Can 3Ph 10kVAr 440V 50Hz	10	1	MEHVCHDY100A44 <input checked="" type="checkbox"/>	3370
MPP - Heavy Duty Can 3Ph 12.5kVAr 440V 50Hz	12.5	1	MEHVCHDY125A44 <input checked="" type="checkbox"/>	4214
MPP - Heavy Duty Can 3Ph 15kVAr 440V 50Hz	15	1	MEHVCHDY150A44 <input checked="" type="checkbox"/>	5055
MPP - Heavy Duty Can 3Ph 20kVAr 440V 50Hz	20	1	MEHVCHDY200A44 <input checked="" type="checkbox"/>	6741
MPP - Heavy Duty Can 3Ph 25kVAr 440V 50Hz	25	1	MEHVCHDY250A44 <input checked="" type="checkbox"/>	8425
MPP - Heavy Duty Can 3Ph 30kVAr 440V 50Hz	30	1	MEHVCHDY300A44	10110
MPP - Heavy Duty Can 3Ph 40kVAr 440V 50Hz (Single unit with IP00)	40	1	MEHVCHDY400A44	13134
MPP - Heavy Duty Can 3Ph 50kVAr 440V 50Hz (Single unit with IP00)	50	1	MEHVCHDY500A44	16417
<b>VarPlus Can (GH Duty) 440V Range</b>				
MPP - Gas Heavy Duty Can 3Ph 5kVAr 440V 50Hz	5	3	MEHVCGSF050A44 <input checked="" type="checkbox"/>	1938
MPP - Gas Heavy Duty Can 3Ph 7.5kVAr 440V 50Hz	7.5	3	MEHVCGSF075A44	2904
MPP - Gas Heavy Duty Can 3Ph 10kVAr 440V 50Hz	10	1	MEHVCGSF100A44 <input checked="" type="checkbox"/>	3582
MPP - Gas Heavy Duty Can 3Ph 12.5kVAr 440V 50Hz	12.5	1	MEHVCGSF125A44 <input checked="" type="checkbox"/>	4475
MPP - Gas Heavy Duty Can 3Ph 15kVAr 440V 50Hz	15	1	MEHVCGSF150A44 <input checked="" type="checkbox"/>	5370
MPP - Gas Heavy Duty Can 3Ph 20kVAr 440V 50Hz	20	1	MEHVCGSF200A44 <input checked="" type="checkbox"/>	7161
MPP - Gas Heavy Duty Can 3Ph 25kVAr 440V 50Hz	25	1	MEHVCGSF250A44 <input checked="" type="checkbox"/>	8950
MPP - Gas Heavy Duty Can 3Ph 30kVAr 440V 50Hz	30	1	MEHVCGSF300A44	10735
MPP - Gas Heavy Duty Can 3Ph 40kVAr 440V 50Hz (Single unit with IP00)	40	1	MEHVCGSF400A44	13897
MPP - Gas Heavy Duty Can 3Ph 50kVAr 440V 50Hz (Single unit with IP00)	50	1	MEHVCGSF500A44	17370

# Power Factor Correction Products



Box (Square) Type 440V Capacitors

Description	kVAr Rating	Minimum Ordering Quantity (No.)	Reference	Unit LP
<b>VarPlus Box S Duty 440V Range</b>				
MPP - Standard Duty Box 3ph 7.5kVAr 440V 50Hz	7.5	1	MEHVBSDY075A44	2244
MPP - Standard Duty Box 3Ph 10kVAr 440V 50Hz	10	1	MEHVBSDY100A44 <input checked="" type="checkbox"/>	2884
MPP - Standard Duty Box 3ph 12.5kVAr 440V 50Hz	12.5	1	MEHVBSDY125A44	3605
MPP - Standard Duty Box 3ph 15kVAr 440V 50Hz	15	1	MEHVBSDY150A44	4324
MPP - Standard Duty Box 3ph 20kVAr 440V 50Hz	20	1	MEHVBSDY200A44 <input checked="" type="checkbox"/>	5766
MPP - Standard Duty Box 3ph 25kVAr 440V 50Hz	25	1	MEHVBSDY250A44 <input checked="" type="checkbox"/>	7207
MPP - Standard Duty Box 3ph 30kVAr 440V 50Hz	30	1	MEHVBSDY300A44	9235
MPP - Standard Duty Box 3ph 50kVAr 440V 50Hz(single unit)	50	1	MEHVBSDY500A44	15393
<b>VarPlus Box Xtreme H Duty 440V Range <span style="background-color: #008000; color: white; padding: 2px;">New</span></b>				
MPP - Xtreme Heavy Duty Box 3Ph 5kVAr 440V 50Hz	5	1	MEHVBHDY050A44 <input checked="" type="checkbox"/>	2390
MPP - Xtreme Heavy Duty Box 3Ph 7.5kVAr 440V 50Hz	7.5	1	MEHVBHDY075A44	3582
MPP - Xtreme Heavy Duty Box Box 3Ph 10kVAr 440V 50Hz	10	1	MEHVBHDY100A44 <input checked="" type="checkbox"/>	4080
MPP - Xtreme Heavy Duty Box 3Ph 12.5kVAr 440V 50Hz	12.5	1	MEHVBHDY125A44 <input checked="" type="checkbox"/>	5109
MPP - Xtreme Heavy Duty Box 3Ph 15kVAr 440V 50Hz	15	1	MEHVBHDY150A44 <input checked="" type="checkbox"/>	6130
MPP - Xtreme Heavy Duty Box 3Ph 20kVAr 440V 50Hz	20	1	MEHVBHDY200A44 <input checked="" type="checkbox"/>	8171
MPP - Xtreme Heavy Duty Box 3Ph 25kVAr 440V 50Hz	25	1	MEHVBHDY250A44 <input checked="" type="checkbox"/>	10214
MPP - Xtreme Heavy Duty Box 3Ph 30kVAr 440V 50Hz	30	1	MEHVBHDY300A44	12257
MPP - Xtreme Heavy Duty Box 3Ph 50kVAr 440V 50Hz (single unit)	50	1	MEHVBHDY500A44	21096
<b>VarPlus Box Energy (MD-XL) 440V Range</b>				
Energy - MD-XL Box 3Ph 5kVAr 440V 50 Hz	5	1	MEHVBENY050A44 <input checked="" type="checkbox"/>	3746
Energy - MD-XL Box 3Ph 7.5kVAr 440V 50 Hz	7.5	1	MEHVBENY075A44	5618
Energy - MD-XL Box 3Ph 10kVAr 440V 50 Hz	10	1	MEHVBENY100A44 <input checked="" type="checkbox"/>	7152
Energy - MD-XL Box 3Ph 12.5kVAr 440V 50Hz	12.5	1	MEHVBENY125A44	8945
Energy - MD-XL Box 3Ph 15kVAr 440V 50 Hz	15	1	MEHVBENY150A44 <input checked="" type="checkbox"/>	10716
Energy - MD-XL Box 3Ph 20kVAr 440V 50 Hz	20	1	MEHVBENY200A44 <input checked="" type="checkbox"/>	14288
Energy - MD-XL Box 3Ph 25kVAr 440V 50 Hz	25	1	MEHVBENY250A44 <input checked="" type="checkbox"/>	17888
Energy - MD-XL Box 3Ph 30kVAr 440V 50 Hz	30	1	MEHVBENY300A44	21454
Energy - MD-XL Box 3Ph 50kVAr 440V 50 Hz(Single unit)	50	1	MEHVBENY500A44	38473
<b>VarPlus Box APP 440V Range</b>				
APP - Box 3Ph 5kVAr 440V 50Hz	5	1	MEHVBAPP050A44 <input checked="" type="checkbox"/>	3563
APP - Box 3Ph 7.5kVAr 440V 50Hz	7.5	1	MEHVBAPP075A44	5345
APP - Box 3Ph 10kVAr 440V 50Hz	10	1	MEHVBAPP100A44 <input checked="" type="checkbox"/>	6252
APP - Box 3Ph 12.5kVAr 440V 50Hz	12.5	1	MEHVBAPP125A44	7816
APP - Box 3Ph 15kVAr 440V 50Hz	15	1	MEHVBAPP150A44 <input checked="" type="checkbox"/>	9379
APP - Box 3Ph 20kVAr 440V 50Hz	20	1	MEHVBAPP200A44 <input checked="" type="checkbox"/>	12506
APP - Box 3Ph 25kVAr 440V 50Hz	25	1	MEHVBAPP250A44 <input checked="" type="checkbox"/>	15632
APP - Box 3Ph 30kVAr 440V 50Hz	30	1	MEHVBAPP300A44	18793
APP - Box 3Ph 50kVAr 440V 50Hz (Bank 25kVAr x 2 nos)	50	1	MEHVBAPP500A44	34848

# Power Factor Correction Products



## Detuned Filter Application Capacitors

Description	kVArRating	Minimum Ordering Quantity (No.)	Reference	Unit LP
<b>* Capacitors for 7%/5.7% , 440V Detuned Filter Application</b>				
<b>VarPlus Can (H Duty) 480V Range</b>				
MPP - Heavy Duty Can 3Ph 5.6kVAr 480V 50Hz	5.6	1	MEHVCHDY056A48 <input checked="" type="checkbox"/>	2011
MPP - Heavy Duty Can 3Ph 6.7kVAr 480V 50Hz	6.7	1	MEHVCHDY067A48	2406
MPP - Heavy Duty Can 3Ph 11.3kVAr 480V 50Hz	11.3	1	MEHVCHDY113A48 <input checked="" type="checkbox"/>	3804
MPP - Heavy Duty Can 3Ph 12.5kVAr 480V 50Hz	12.5	1	MEHVCHDY125A48	4208
MPP - Heavy Duty Can 3Ph 14.4kVAr 480V 50Hz	14.4	1	MEHVCHDY144A48 <input checked="" type="checkbox"/>	4852
MPP - Heavy Duty Can 3Ph 15.5kVAr 480V 50Hz	15.5	1	MEHVCHDY155A48	5222
MPP - Heavy Duty Can 3Ph 17kVAr 480V 50Hz	17	1	MEHVCHDY170A48 <input checked="" type="checkbox"/>	5730
MPP - Heavy Duty Can 3Ph 19kVAr 480V 50Hz	19	1	MEHVCHDY190A48	6404
MPP - Heavy Duty Can 3Ph 22.4kVAr 480V 50Hz	22.4	1	MEHVCHDY224A48 <input checked="" type="checkbox"/>	7548
MPP - Heavy Duty Can 3Ph 25kVAr 480V 50Hz	25	1	MEHVCHDY250A48	8426
MPP - Heavy Duty Can 3Ph 28.1kVAr 480V 50Hz	28.1	1	MEHVCHDY281A48 <input checked="" type="checkbox"/>	9462
MPP - Heavy Duty Can 3Ph 31.5kVAr 480V 50Hz	31.5	1	MEHVCHDY315A48	10607
<b>VarPlus Can (GH Duty) 480V Range</b>				
MPP - GasHeavy Duty Can 3Ph 5.6kVAr 480V 50Hz	5.6	1	MEHVCGSF056A48 <input checked="" type="checkbox"/>	2169
MPP - GasHeavy Duty Can 3Ph 6.7kVAr 480V 50Hz	6.7	1	MEHVCGSF067A48	2595
MPP - GasHeavy Duty Can 3Ph 11.3kVAr 480V 50Hz	11.3	1	MEHVCGSF113A48 <input checked="" type="checkbox"/>	4043
MPP - GasHeavy Duty Can 3Ph 12.5kVAr 480V 50Hz	12.5	1	MEHVCGSF125A48	4472
MPP - GasHeavy Duty Can 3Ph 14.4kVAr 480V 50Hz	14.4	1	MEHVCGSF144A48 <input checked="" type="checkbox"/>	5152
MPP - GasHeavy Duty Can 3Ph 15.5kVAr 480V 50Hz	15.5	1	MEHVCGSF155A48	5546
MPP - GasHeavy Duty Can 3Ph 17kVAr 480V 50Hz	17	1	MEHVCGSF170A48 <input checked="" type="checkbox"/>	6083
MPP - GasHeavy Duty Can 3Ph 19kVAr 480V 50Hz	19	1	MEHVCGSF190A48	6799
MPP - GasHeavy Duty Can 3Ph 22.4kVAr 480V 50Hz	22.4	1	MEHVCGSF224A48	8015
MPP - GasHeavy Duty Can 3Ph 25kVAr 480V 50Hz	25	1	MEHVCGSF250A48	8945
MPP - GasHeavy Duty Can 3Ph 28.1kVAr 480V 50Hz	28.1	1	MEHVCGSF281A48 <input checked="" type="checkbox"/>	10091
MPP - GasHeavy Duty Can 3Ph 31.5kVAr 480V 50Hz	31.5	1	MEHVCGSF315A48	11313
<b>VarPlus Box Xtreme H Duty 480V Range <span style="background-color: green; color: white; padding: 2px;">New</span></b>				
MPP - Xtreme Heavy Duty Box 3Ph 5.6kVAr 480V 50Hz	5.6	1	MEHVBHDY056A48	2675
MPP - Xtreme Heavy Duty Box 3Ph 6.7kVAr 480V 50Hz	6.7	1	MEHVBHDY067A48	3201
MPP - Xtreme Heavy Duty Box 3Ph 11.3kVAr 480V 50Hz	11.3	1	MEHVBHDY113A48	4616
MPP - Xtreme Heavy Duty Box 3Ph 14.4kVAr 480V 50Hz	14.4	1	MEHVBHDY144A48	5882
MPP - Xtreme Heavy Duty Box 3Ph 17kVAr 480V 50Hz	17	1	MEHVBHDY170A48	6943
MPP - Xtreme Heavy Duty Box 3Ph 22.4kVAr 480V 50Hz	22.4	1	MEHVBHDY224A48	9114
MPP - Xtreme Heavy Duty Box 3Ph 25kVAr 480V 50Hz	25	1	MEHVBHDY250A48	10174
MPP - Xtreme Heavy Duty Box 3Ph 28.1kVAr 480V 50Hz	28.1	1	MEHVBHDY281A48	11435
MPP - Xtreme Heavy Duty Box 3Ph 31.5kVAr 480V 50Hz	31.5	1	MEHVBHDY315A48	12818
MPP - Xtreme Heavy Duty Box 3Ph 56.1kVAr 480V 50Hz (Single unit)	56.1	1	MEHVBHDY561A48	23656
<b>VarPlus Box Energy (MD-XL) 480V Range</b>				
Energy - MD-XL Box 3Ph 5.6kVAr 480V 50 Hz	5.6	1	MEHVBENY056A48	4191
Energy - MD-XL Box 3Ph 6.7kVAr 480V 50 Hz	6.7	1	MEHVBENY067A48	5014
Energy - MD-XL Box 3Ph 11.3kVAr 480V 50 Hz	11.3	1	MEHVBENY113A48	8079
Energy - MD-XL Box 3Ph 14.4kVAr 480V 50 Hz	14.4	1	MEHVBENY144A48	10303
Energy - MD-XL Box 3Ph 15.5kVAr 480V 50 Hz	15.5	1	MEHVBENY155A48	11091
Energy - MD-XL Box 3Ph 17kVAr 480V 50 Hz	17	1	MEHVBENY170A48	12163
Energy - MD-XL Box 3Ph 19kVAr 480V 50 Hz	19	1	MEHVBENY190A48	13595
Energy - MD-XL Box 3Ph 22.4kVAr 480V 50 Hz	22.4	1	MEHVBENY224A48	16028
Energy - MD-XL Box 3Ph 25.0kVAr 480V 50 Hz	25	1	MEHVBENY250A48	17895
Energy - MD-XL Box 3Ph 28.1kVAr 480V 50 Hz	28.1	1	MEHVBENY281A48 <input checked="" type="checkbox"/>	20114
Energy - MD-XL Box 3Ph 31.5kVAr 480V 50 Hz	31.5	1	MEHVBENY315A48	22546
Energy - MD-XL Box 3Ph 56.1kVAr 480V 50 Hz (single unit)	56.1	1	MEHVBENY561A48	43134

\* Refer to Selection chart for Reactors & Capacitors available on page 15

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

# Power Factor Correction Products



## Detuned Filter Application Capacitors

Description	kVAR Rating	Minimum Ordering Quantity (No.)	Reference	Unit LP
<b>VarPlus Box APP 480V Range</b>				
APP - Box 3Ph 5.6kVAr 480V 50Hz	5.6	1	MEHVBAPP056A48	3985
APP - Box 3Ph 6.7kVAr 480V 50Hz	6.7	1	MEHVBAPP067A48	4767
APP - Box 3Ph 11.3kVAr 480V 50Hz	11.3	1	MEHVBAPP113A48	7075
APP - Box 3Ph 12.5kVAr 480V 50Hz	12.5	1	MEHVBAPP125A48	7827
APP - Box 3Ph 14.4kVAr 480V 50Hz	14.4	1	MEHVBAPP144A48	9017
APP - Box 3Ph 15.5kVAr 480V 50Hz	15.5	1	MEHVBAPP155A48	9693
APP - Box 3Ph 17kVAr 480V 50Hz	17	1	MEHVBAPP170A48	10658
APP - Box 3Ph 19kVAr 480V 50Hz	19	1	MEHVBAPP190A48	11883
APP - Box 3Ph 22.4kVAr 480V 50Hz	22.4	1	MEHVBAPP224A48	14042
APP - Box 3Ph 25kVAr 480V 50Hz	25	1	MEHVBAPP250A48	15636
APP - Box 3Ph 28.1kVAr 480V 50Hz	28.1	1	MEHVBAPP281A48 <input checked="" type="checkbox"/>	17574
APP - Box 3Ph 31.5kVAr 480V 50Hz	31.5	1	MEHVBAPP315A48	19701
APP - Box 3Ph 56.1kVAr 480V 50Hz (Bank 28.1kVAr x 2nos)	56.1	1	MEHVBAPP561A48	39100
<b>* Capacitors for 7%/ 5.7%/ 14% , 440V Filter Application</b>				
<b>VarPlus Can (H Duty) 525V Range</b>				
MPP - Heavy Duty Can 3Ph 6.9kVAr 525V 50Hz	6.9	1	MEHVCHDY069A52	2481
MPP - Heavy Duty Can 3Ph 12.5kVAr 525V 50Hz	12.5	1	MEHVCHDY125A52	4211
MPP - Heavy Duty Can 3Ph 13.8kVAr 525V 50Hz	13.8	1	MEHVCHDY138A52	4649
MPP - Heavy Duty Can 3Ph 15.4kVAr 525V 50Hz	15.4	1	MEHVCHDY154A52	5187
MPP - Heavy Duty Can 3Ph 17.2kVAr 525V 50Hz	17.2	1	MEHVCHDY172A52	5796
MPP - Heavy Duty Can 3Ph 18.5kVAr 525V 50Hz	18.5	1	MEHVCHDY185A52	6232
MPP - Heavy Duty Can 3Ph 20.6kVAr 525V 50Hz	20.6	1	MEHVCHDY206A52	6938
MPP - Heavy Duty Can 3Ph 22.6kVAr 525V 50Hz	22.6	1	MEHVCHDY226A52	7613
MPP - Heavy Duty Can 3Ph 25kVAr 525V 50Hz	25	1	MEHVCHDY250A52	8425
MPP - Heavy Duty Can 3Ph 27.5kVAr 525V 50Hz	27.5	1	MEHVCHDY275A52	9267
MPP - Heavy Duty Can 3Ph 30.6kVAr 525V 50Hz	30.6	1	MEHVCHDY306A52	10311
MPP - Heavy Duty Can 3Ph 33.1kVAr 525V 50Hz	33.1	1	MEHVCHDY331A52 <input checked="" type="checkbox"/>	11196
MPP - Heavy Duty Can 3Ph 34.4kVAr 525V 50Hz	34.4	1	MEHVCHDY344A52	11583
MPP-Heavy Duty Can 3Ph 37.7 kVAr 525V 50Hz	37.7	1	MEHVCHDY377A52	12691
<b>VarPlus Can (GH Duty) 525V Range</b>				
MPP - GasHeavy Duty Can 3Ph 6.9kVAr 525V 50Hz	6.9	1	MEHVCGSF069A52	2679
MPP - GasHeavy Duty Can 3Ph 12.5kVAr 525V 50Hz	12.5	1	MEHVCGSF125A52	4487
MPP - GasHeavy Duty Can 3Ph 13.8kVAr 525V 50Hz	13.8	1	MEHVCGSF138A52	4953
MPP - GasHeavy Duty Can 3Ph 15.4kVAr 525V 50Hz	15.4	1	MEHVCGSF154A52	5491
MPP - GasHeavy Duty Can 3Ph 17.2kVAr 525V 50Hz	17.2	1	MEHVCGSF172A52	6180
MPP - GasHeavy Duty Can 3Ph 18.5kVAr 525V 50Hz	18.5	1	MEHVCGSF185A52	6612
MPP - GasHeavy Duty Can 3Ph 20.6kVAr 525V 50Hz	20.6	1	MEHVCGSF206A52	7401
MPP - GasHeavy Duty Can 3Ph 22.6kVAr 525V 50Hz	22.6	1	MEHVCGSF226A52	8120
MPP - GasHeavy Duty Can 3Ph 25kVAr 525V50Hz	25	1	MEHVCGSF250A52	8976
MPP - GasHeavy Duty Can 3Ph 27.5kVAr 525V50Hz	27.5	1	MEHVCGSF275A52	9882
MPP - GasHeavy Duty Can 3Ph 30.6kVAr 525V50Hz	30.6	1	MEHVCGSF306A52	10994
MPP - GasHeavy Duty Can 3Ph 33.1kVAr 525V50Hz	33.1	1	MEHVCGSF331A52 <input checked="" type="checkbox"/>	11894
MPP - Gas Heavy Duty Can 3Ph 34.4kVAr 525V50Hz	34.4	1	MEHVCGSF344A52	12361
MPP - GasHeavy Duty Can 3Ph 37.7kVAr 525V50Hz	37.7	1	MEHVCGSF377A52	13519

\* Refer to Selection chart for Reactors & Capacitors available on page 15

# Power Factor Correction Products



## Detuned Filter Application Capacitors

Description	kVAr Rating	Minimum Ordering Quantity (No.)	Reference	Unit LP
<b>VarPlus Box Xtreme H Duty 525V Range <span style="color: green;">New</span></b>				
MPP - Xtreme Heavy Duty Box 3Ph 6.9kVAr 525V 50Hz	6.9	1	MEHVBHDY069A52	2815
MPP - Xtreme Heavy Duty Box 3Ph 12.5kVAr 525V 50Hz	12.5	1	MEHVBHDY125A52	5090
MPP - Xtreme Heavy Duty Box 3Ph 13.8kVAr 525V 50Hz	13.8	1	MEHVBHDY138A52	5630
MPP - Xtreme Heavy Duty Box 3Ph 15.4kVAr 525V 50Hz	15.4	1	MEHVBHDY154A52	6282
MPP - Xtreme Heavy Duty Box 3Ph 17.2kVAr 525V 50Hz	17.2	1	MEHVBHDY172A52	7019
MPP - Xtreme Heavy Duty Box 3Ph 18.5kVAr 525V 50Hz	18.5	1	MEHVBHDY185A52	7560
MPP - Xtreme Heavy Duty Box 3Ph 20.6kVAr 525V 50Hz	20.6	1	MEHVBHDY206A52	8405
MPP - Xtreme Heavy Duty Box 3Ph 22.6kVAr 525V 50Hz	22.6	1	MEHVBHDY226A52	9195
MPP - Xtreme Heavy Duty Box 3Ph 25kVAr 525V 50Hz	25	1	MEHVBHDY250A52	10214
MPP - Xtreme Heavy Duty Box 3Ph 27.5kVAr 525V 50Hz	27.5	1	MEHVBHDY275A52	11229
MPP - Xtreme Heavy Duty Box 3Ph 30.6kVAr 525V 50Hz	30.6	1	MEHVBHDY306A52	12455
MPP - Xtreme Heavy Duty Box 3Ph 33.1kVAr 525V 50Hz	33.1	1	MEHVBHDY331A52	13518
MPP - Xtreme Heavy Duty Box 3Ph 37.7kVAr 525V 50Hz	37.7	1	MEHVBHDY377A52	15345
<b>VarPlus Box Energy (MD - XL) 525V Range</b>				
Energy - MD-XL Box 3Ph 6.9kVAr 525V 50 Hz	6.9	1	MEHVBENY069A52	5163
Energy - MD-XL Box 3Ph 12.5kVAr 525V 50 Hz	12.5	1	MEHVBENY125A52	8935
Energy - MD-XL Box 3Ph 13.8kVAr 525V 50 Hz	13.8	1	MEHVBENY138A52	9875
Energy - MD-XL Box 3Ph 15.4kVAr 525V 50 Hz	15.4	1	MEHVBENY154A52	11009
Energy - MD-XL Box 3Ph 17.2kVAr 525V 50 Hz	17.2	1	MEHVBENY172A52	12288
Energy - MD-XL Box 3Ph 18.5kVAr 525V 50 Hz	18.5	1	MEHVBENY185A52	13219
Energy - MD-XL Box 3Ph 20.6kVAr 525V 50 Hz	20.6	1	MEHVBENY206A52	14719
Energy - MD-XL Box 3Ph 22.6kVAr 525V 50 Hz	22.6	1	MEHVBENY226A52	16133
Energy - MD-XL Box 3Ph 25kVAr 525V 50 Hz	25	1	MEHVBENY250A52	17876
Energy - MD-XL Box 3Ph 27.5kVAr 525V 50 Hz	27.5	1	MEHVBENY275A52	19643
Energy - MD-XL Box 3Ph 30.6kVAr 525V 50 Hz	30.6	1	MEHVBENY306A52	21870
Energy - MD-XL Box 3Ph 33.1kVAr 525V 50 Hz	33.1	1	MEHVBENY331A52	23647
Energy - MD-XL Box 3Ph 37.7kVAr 525V 50 Hz	37.7	1	MEHVBENY377A52	26942
<b>VarPlus Box APP 525V Range</b>				
APP - Box 3Ph 6.9kVAr 525V 50Hz	6.9	1	MEHVBAPP069A52	4910
APP - Box 3Ph 9.2kVAr 525V 50Hz	9.2	1	MEHVBAPP092A52	6549
APP - Box 3Ph 12.5kVAr 525V 50Hz	12.5	1	MEHVBAPP125A52	7817
APP - Box 3Ph 13.8kVAr 525V 50Hz	13.8	1	MEHVBAPP138A52	8626
APP - Box 3Ph 15.4kVAr 525V 50Hz	15.4	1	MEHVBAPP154A52	9626
APP - Box 3Ph 17.2kVAr 525V 50Hz	17.2	1	MEHVBAPP172A52	10773
APP - Box 3Ph 18.5kVAr 525V 50Hz	18.5	1	MEHVBAPP185A52	11569
APP - Box 3Ph 20.6kVAr 525V 50Hz	20.6	1	MEHVBAPP206A52	12884
APP - Box 3Ph 22.6kVAr 525V 50Hz	22.6	1	MEHVBAPP226A52	14133
APP - Box 3Ph 25kVAr 525V 50Hz	25	1	MEHVBAPP250A52	15638
APP - Box 3Ph 27.5kVAr 525V 50Hz	27.5	1	MEHVBAPP275A52	17200
APP - Box 3Ph 30.6kVAr 525V 50Hz	30.6	1	MEHVBAPP306A52	19138
APP - Box 3Ph 33.1kVAr 525V 50Hz	33.1	1	MEHVBAPP331A52	20701
APP - Box 3Ph 37.7kVAr 525V 50Hz	37.7	1	MEHVBAPP377A52	23578

Refer to Selection chart for Reactors & Capacitors available on page 15

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

# PFC - Detuned Reactors



## Detuned Reactor 440V Range

Description	kVAr Rating	Minimum Ordering Quantity (No.)	Reference	Unit LP
<b>VarPlus Detuned Reactor 5.7%, 440V Range</b>				
Detuned Reactor 5.7% 3Ph 5kVAr 440V 50Hz	5	1	LVR05050A44	9800
Detuned Reactor 5.7% 3Ph 10kVAr 440V 50Hz	10	1	LVR05100A44	14166
Detuned Reactor 5.7% 3Ph 12.5kVAr 440V 50Hz	12.5	1	LVR05125A44	16200
Detuned Reactor 5.7% 3Ph 15kVAr 440V 50Hz	15	1	LVR05150A44	17177
Detuned Reactor 5.7% 3Ph 20kVAr 440V 50Hz	20	1	LVR05200A44	18232
Detuned Reactor 5.7% 3Ph 25kVAr 440V 50Hz	25	1	LVR05250A44	17100
Detuned Reactor 5.7% 3Ph 50kVAr 440V 50Hz	50	1	LVR05500A44	28594
Detuned Reactor 5.7% 3Ph 75kVAr 440V 50Hz	75	1	LVR05750A44	42890
Detuned Reactor 5.7% 3Ph 100kVAr 440V 50Hz	100	1	LVR05X00A44	57187
<b>VarPlus Detuned Reactor 7%, 440V Range</b>				
Detuned Reactor 7% 3Ph 5kVAr 440V 50Hz	5	1	LVR07050A44 <input checked="" type="checkbox"/>	8633
Detuned Reactor 7% 3Ph 10kVAr 440V 50Hz	10	1	LVR07100A44 <input checked="" type="checkbox"/>	12477
Detuned Reactor 7% 3Ph 12.5kVAr 440V 50Hz	12.5	1	LVR07125A44 <input checked="" type="checkbox"/>	14268
Detuned Reactor 7% 3Ph 15kVAr 440V 50Hz	15	1	LVR07150A44 <input checked="" type="checkbox"/>	15129
Detuned Reactor 7% 3Ph 20kVAr 440V 50Hz	20	1	LVR07200A44 <input checked="" type="checkbox"/>	16059
Detuned Reactor 7% 3Ph 25kVAr 440V 50Hz	25	1	LVR07250A44 <input checked="" type="checkbox"/>	15061
Detuned Reactor 7% 3Ph 50kVAr 440V 50Hz	50	1	LVR07500A44 <input checked="" type="checkbox"/>	25058
Detuned Reactor 7% 3Ph 75kVAr 440V 50Hz	75	1	LVR07750A44 <input checked="" type="checkbox"/>	37588
Detuned Reactor 7% 3Ph 100kVAr 440V 50Hz	100	1	LVR07X00A44 <input checked="" type="checkbox"/>	50118
<b>VarPlus Detuned Reactor 14%, 440V Range</b>				
Detuned Reactor 14% 3Ph 5kVAr 440V 50Hz	5	1	LVR14050A44	13142
Detuned Reactor 14% 3Ph 10kVAr 440V 50Hz	10	1	LVR14100A44	18685
Detuned Reactor 14% 3Ph 12.5kVAr 440V 50Hz	12.5	1	LVR14125A44	22016
Detuned Reactor 14% 3Ph 15kVAr 440V 50Hz	15	1	LVR14150A44	22652
Detuned Reactor 14% 3Ph 20kVAr 440V 50Hz	20	1	LVR14200A44	24580
Detuned Reactor 14% 3Ph 25kVAr 440V 50Hz	25	1	LVR14250A44	24092
Detuned Reactor 14% 3Ph 50kVAr 440V 50Hz	50	1	LVR14500A44	40186
Detuned Reactor 14% 3Ph 75kVAr 440V 50Hz	75	1	LVR14750A44	60279
Detuned Reactor 14% 3Ph 100kVAr 440V 50Hz	100	1	LVR14X00A44	80371

# Power Factor Correction Products



## APFC Relays

Description	No. of Step	Minimum Ordering Quantity (No.)	Reference	Unit LP
<b>Varlogic APFC Relays - Classic Range</b>				
RT6 , 6 step, 440V, 5A	6	1	51207 <input checked="" type="checkbox"/>	11466
RT8 , 8 step, 440V, 5A	8	1	51209 <input checked="" type="checkbox"/>	14862
RT12 , 12 step, 440V, 5A	12	1	51213 <input checked="" type="checkbox"/>	17242
<b>VarPlus Logic APFC Relays - Advanced Range</b>				
VPL06, 6 step LCD Display , 90V - 550V 50/60Hz 1A/5A <b>with RS485</b>	6	1	VPL06N <input checked="" type="checkbox"/>	25543
VPL12, 12 step LCD Display , 90V - 550V 50/60Hz 1A/5A <b>with RS485</b>	12	1	VPL12N <input checked="" type="checkbox"/>	27581

## Capacitor Duty Contactors (AC Control)



- Conformance to IEC 60070 and 60831,UL, CSA
- Special Contactors designed for switching of 3 Phase, single or multi step capacitor bank#
- Current limiting using block of early make poles and damping resistors
- Inbuilt auxiliary contact

Nominal Reactive Power 440 V	Auxiliary Contacts	Reference	Unit MRP
<b>LC1-D•K - with Damping Resistors &amp; Block of Early Make polesz</b>			
12.5 kVar	1 NO + 1 NC	LC1DFK*	2600
16.7 kVar	1 NO + 1 NC	LC1DGK11*C	3650
20 kVar	1 NO + 1 NC	LC1DLK*	4100
25 kVar	1 NO + 1 NC	LC1DMK11*C	4500
33.3 kVar	1 NO + 2 NC	LC1DPK*C	9800
40 kVar	1 NO + 2 NC	LC1DTK*C	13500
60 kVar	1 NO + 2 NC	LC1DWK*C	15200

#Contactor recommended upto 6 steps. For over 6 steps it is recommended to use chokes

\* Reference to be completed by adding coil voltage code

### \* Coil Voltage Code

VOLTAGE	110	220
LC1DPK ....DWK 50HZ	F7	M7

Note: For ordering contactors with other coil voltages & frequencies, please add Rs 190/- to the unit price of the standard contactor of the same rating. For details on non standard references, technical parameters, accessories, compatibility, stockable and non stockable status please contact Customer Care

# Power Factor Correction Equipment- VarSet



## Reliable

- > Achieves Target set PF
- > Reduces demand kVA
- > Eliminates PF Penalty
- > Highest output to steps ratio "0"
- > Fuel savings in DG

## Safe

- > 3ph simultaneous PSD
- > Burst proof capacitors
- > Detuned Reactors- No Harmonic Amplification
- > Minimum switching transient

## Embedded Intelligence

- > Auto start, Auto detection, Auto polarity check, Auto c/k
- > Thermal intelligence
- > Harmonic intelligence
- > Asset management and performance
- > PQ Disturbance detection (Optional)

## Digitize

- > Flexible to move to connected world
- > Web page monitor facility through Schneider Gateway devices (Optional)
- > Seam less integration with PME, PSE

## Quality of construction

- > Compliance to IEC 61921 and Indian Standards.
- > Stringent quality control measures
- > Best Engineering practices
- > Best thermal design for heat dissipation



ISO 9001 ISO 14001  
ISO 50001



IGBC Green building  
Gold medal



IEC



ROHS



CE



REACH



Canadian Standards



Indian Standards



EAC

☑ NORMAL STOCK ITEMS

W.E.F. March 12, 2018

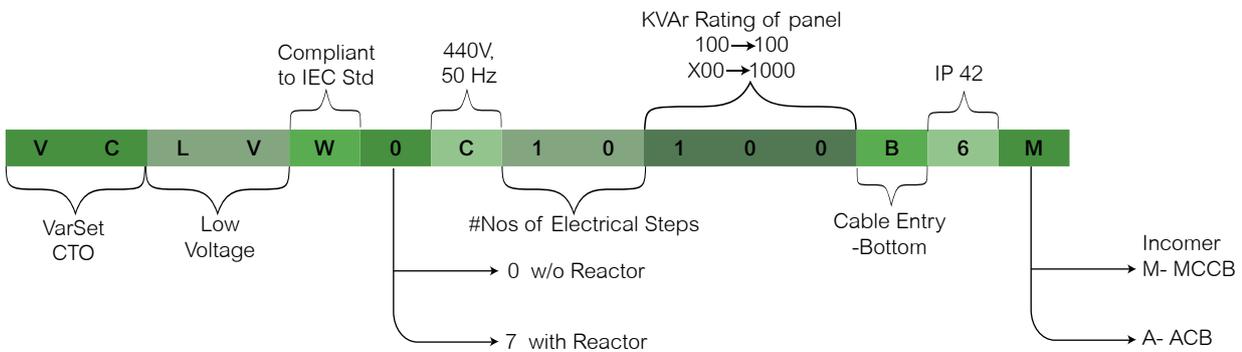
# Power Factor Correction Equipment- VarSet

## VarSet LV APFC panels without reactors



Panel Ratings	Step Configuration in kVAr	Cat Reference No.	Dimensions (in mm) W x D x H	Unit LP 
<b>Incomer MCCB</b>				
100	3x10kVAr + 1x20kVAr + 1x50kVAr	VCLVW0C10100B6M	800 x 600 x 1800	300855
125	2x12.5kVAr + 2x25kVAr + 1x50kVAr	VCLVW0C10125B6M	800 x 600 x 1800	314744
150	2x12.5kVAr + 1x25kVAr + 2x50kVAr	VCLVW0C12150B6M	800 x 600 x 1800	350444
200	2x12.5kVAr + 1x25kVAr + 3x50kVAr	VCLVW0C16200B6M	800 x 600 x 1800	404762
250	2x12.5kVAr + 1x25kVAr + 4x50kVAr	VCLVW0C20250B6M	800 x 600 x 2000	451905
300	2x12.5kVAr + 1x25kVAr + 5x50kVAr	VCLVW0C24300B6M	1000 x 600 x 2000	531190
350	2x12.5kVAr + 1x25kVAr + 6x50kVAr	VCLVW0C28350B6M	1000 x 600 x 2000	559524
400	2x25kVAr + 3x50kVAr + 2x100kVAr	VCLVW0C16400B6M	1200 x 800 x 2000	576190
500	2x25kVAr + 3x50kVAr + 3x100kVAr	VCLVW0C20500B6M	1200 x 800 x 2000	717857
<b>Incomer ACB</b>				
500	2x25kVAr + 3x50kVAr + 3x100kVAr	VCLVW0C20500B6A	1200 x 800 x 2000	765238
600	2x25kVAr + 3x50kVAr + 4x100kVAr	VCLVW0C24600B6A	1600 x 800 x 2000	881190
700	2x25kVAr + 3x50kVAr + 5x100kVAr	VCLVW0C28700B6A	1600 x 800 x 2000	987811
750	2x25kVAr + 4x50kVAr + 5x100kVAr	VCLVW0C30750B6A	1600 x 800 x 2000	1049744
800	2x25kVAr + 3x50kVAr + 6x100kVAr	VCLVW0C32800B6A	2000 x 800 x 2000	1088806
900	2x25kVAr + 3x50kVAr + 7x100kVAr	VCLVW0C36900B6A	2000 x 800 x 2000	1179744
1000	2x25kVAr + 1x50kVAr + 9x100kVAr	VCLVW0C40X00B6A	2000 x 800 x 2000	1244359

### Cat Reference Creation



#### Product offer:

VarSet LV APFC panels with 7% / without Reactors

Ratings = 100kVAr to 1000kVAr  
 Capacitor = MPP HD Can 440/480V, with 3ph simultaneous PSD

#### General Features:

System voltage = 440V  
 Frequency = 50Hz  
 Phase = 3  
 Design = Modular / Expandable  
 IP = IP42  
 Switching = Random

#### Incomer:

Upto 500kVAr = MCCB, 36kA  
 500 to 1000kVAr = ACB, 65kA  
 Step protection = MCCBs, 36kA

#### Switching:

Capacitor duty  
 Contactor - without Reactor design  
 Power Contactors - with Reactor design

# Power Factor Correction Equipment- VarSet

VarSet LV APFC panels with 7% reactors



Panel Ratings	Step Configuration in kVAr	Cat Reference No.	Dimensions (in mm) W x D x H	Unit LP ₹
<b>Incomer MCCB</b>				
100	3x10kVAr + 1x20kVAr + 1x50kVAr	VCLVW7C10100B6M	1300 x 600 x 1800	367949
125	2x12.5kVAr + 2x25kVAr + 1x50kVAr	VCLVW7C10125B6M	1300 x 600 x 1800	388462
150	2x12.5kVAr + 1x25kVAr + 2x50kVAr	VCLVW7C12150B6M	1300 x 600 x 1800	428000
200	2x12.5kVAr + 1x25kVAr + 3x50kVAr	VCLVW7C16200B6M	1300 x 600 x 1800	497381
250	2x12.5kVAr + 1x25kVAr + 4x50kVAr	VCLVW7C20250B6M	1300 x 600 x 2000	554048
300	2x12.5kVAr + 1x25kVAr + 5x50kVAr	VCLVW7C24300B6M	1500 x 800 x 2000	660000
350	2x12.5kVAr + 1x25kVAr + 6x50kVAr	VCLVW7C28350B6M	1500 x 800 x 2000	697619
400	2x25kVAr + 3x50kVAr + 2x100kVAr	VCLVW7C16400B6M	1700 x 800 x 2000	702619
500	2x25kVAr + 3x50kVAr + 3x100kVAr	VCLVW7C20500B6M	1700 x 800 x 2000	866905
<b>Incomer ACB</b>				
500	2x25kVAr + 3x50kVAr + 3x100kVAr	VCLVW7C20500B6A	1700 x 800 x 2000	914286
600	2x25kVAr + 3x50kVAr + 4x100kVAr	VCLVW7C24600B6A	2100 x 800 x 2000	1043571
700	2x25kVAr + 3x50kVAr + 5x100kVAr	VCLVW7C28700B6A	2200 x 800 x 2000	1182090
750	2x25kVAr + 4x50kVAr + 5x100kVAr	VCLVW7C30750B6A	2200 x 800 x 2000	1259231
800	2x25kVAr + 3x50kVAr + 6x100kVAr	VCLVW7C32800B6A	3000 x 800 x 2000	1333831
900	2x25kVAr + 3x50kVAr + 7x100kVAr	VCLVW7C36900B6A	3000 x 800 x 2000	1449231
1000	2x25kVAr + 1x50kVAr + 9x100kVAr	VCLVW7C40X00B6A	3000 x 800 x 2000	1531538

Note:

- 1) Prices mentioned above are Ex-works Bangalore
- 2) Prices are exclusive of GST
- 3) For any further clarification contact Schneider Electric sales office or Customer Care Center



# Accusine PCS+

- All in one: Harmonics, PF, Load unbalance, Flicker
- Fully selectable harmonics: 2<sup>nd</sup> to 50<sup>th</sup>
- Flexible CT connection: Load side/ source side
- Suitable to work in Harsh environment including marine application
- Parallel connection up to 99 units - any combination of models
- Standards compliance / certification: cULis (UL508, CSA 22.2 No.14) CE Certified
- PCBA Protection - conformal coating on all PCBAs pollution Degree 2



# Harmonic Filtration Equipment- AccuSine



- 3 Ph, 4 wire connection
- From 400V - 440V supply
- Parallel connection up to 4 units
- Harmonic cancellation spectrum from 2nd to 50th harmonic order
- Neutral current correction: 3 times unit rating

## AccuSine SWP

Description	AMPS	Minimum Ordering Quantity (No.)	Reference	Unit LP
<b>AccuSine SWP (Single Unit)</b>				
AccuSine SWP 20A 400V 50-60Hz IP20 Unitary	20	1	PCS020Y4IP20U	on request
AccuSine SWP 30A 400V 50-60Hz IP20 Unitary	30	1	PCS030Y4IP20U	on request
AccuSine SWP 45A 400V 50-60Hz IP20 Unitary	45	1	PCS045Y4IP20U	on request
AccuSine SWP 60A 400V 50-60Hz IP20 Unitary	60	1	PCS060Y4IP20U	on request
AccuSine SWP 90A 400V 50-60Hz IP20 Unitary	90	1	PCS090Y4IP20U	on request
AccuSine SWP 120A 400V 50-60Hz IP20 Unitary	120	1	PCS120Y4IP20U	on request
<b>AccuSine SWP (Parallel Unit application)</b>				
AccuSine SWP 20A 400V 50-60Hz IP20 Parallel	20	1	PCS020Y4IP20P	on request
AccuSine SWP 30A 400V 50-60Hz IP20 Parallel	30	1	PCS030Y4IP20P	on request
AccuSine SWP 45A 400V 50-60Hz IP20 Parallel	45	1	PCS045Y4IP20P	on request
AccuSine SWP 60A 400V 50-60Hz IP20 Parallel	60	1	PCS060Y4IP20P	on request
AccuSine SWP 90A 400V 50-60Hz IP20 Parallel	90	1	PCS090Y4IP20P	on request
AccuSine SWP 120A 400V 50-60Hz IP20 Parallel	120	1	PCS120Y4IP20P	on request

Note: Active Harmonic Filter prices on request



## Accusine PCS+

- 3 Ph, 3 wire connection
- From 208V to 690V supply
- Parallel connection up to 99 units - any combination of models
- Harmonic cancellation spectrum from 2nd to 50th harmonic order
- Load balancing of source current
- DPF correction
- Can be used with PF capacitors as Hybrid VAR compensation (HVC) system

Description	AMPS	Minimum Ordering Quantity (No.)	Reference	Unit LP
<b>AccuSine PCS+</b>				
AccuSine PCS+ 60A 380V- 480V 50- 60Hz IP31	60	1	PCSP060D5IP31	on request
AccuSine PCS+ 120A 380V - 480V 50- 60Hz IP31	120	1	PCSP120D5IP31	on request
AccuSine PCS+ 200A 380V- 480V 50- 60Hz IP31	200	1	PCSP200D5IP31	on request
AccuSine PCS+ 300A 380V- 480V 50- 60Hz IP31	300	1	PCSP300D5IP31	on request
AccuSine PCS+ 60A 380V-480V 50- 60Hz IP54	60	1	PCSP060D5IP54	on request
AccuSine PCS+ 120A 380V-480V 50- 60Hz IP54	120	1	PCSP120D5IP54	on request
AccuSine PCS+ 200A 380V- 480V 50- 60Hz IP54	200	1	PCSP200D5IP54	on request
AccuSine PCS+ 300A 380V- 480V 50- 60Hz IP54	300	1	PCSP300D5IP54	on request

Note: Active Harmonic Filter prices on request

# Selection of capacitor (kVAr & Voltage) for Detuned filter Application

Effective kVAr out put of Detuned Filter @ 440V	Selection of 480V capacitors for 7%/ 5.7% detuned Reactor for 440V	Selection of 525V capacitors for 7%/ 5.7% detuned Reactor for 440V	Selection of 525V capacitors for 14% detuned Reactor for 440V
5	5kVAr 7%/5.7% Reactor + 5.6kVAr, 480V Capacitor	5kVAr 7%/5.7% Reactor + 6.9kVAr, 525V Capacitor	5kVAr 14% Reactor + 6.9kVAr, 525V Capacitor
10	10kVAr 7%/5.7% Reactor + 11.3kVAr, 480V Capacitor	10kVAr 7%/5.7% Reactor + 13.8kVAr, 525V Capacitor	10kVAr 14% Reactor + 12.5kVAr, 525V Capacitor
12.5	12.5kVAr 7%/5.7% Reactor + 14.4kVAr, 480V Capacitor	12.5kVAr 7%/5.7% Reactor + 17.2kVAr, 525V Capacitor	12.5kVAr 14% Reactor + 15.4kVAr, 525V Capacitor
15	15kVAr 7%/5.7% Reactor + 17kVAr, 480V Capacitor	15kVAr 7%/5.7% Reactor + 20.6kVAr, 525V Capacitor	15kVAr 14% Reactor + 18.5kVAr, 525V Capacitor
20	20kVAr 7%/5.7% Reactor + 22.4kVAr, 480V Capacitor	20kVAr 7%/5.7% Reactor + 27.5kVAr, 525V Capacitor	20kVAr 14% Reactor + 25kVAr, 525V Capacitor
25	25kVAr 7%/5.7% Reactor + 28.1kVAr, 480V Capacitor	25kVAr 7%/5.7% Reactor + 33.1kVAr, 525V Capacitor	25kVAr 14% Reactor + 30.6kVAr, 525V Capacitor
50	50kVAr 7%/5.7% Reactor + 2 x 28.1kVAr, 480V Capacitor	50kVAr 7%/5.7% Reactor + 2 x 33.1kVAr, 525V Capacitor	50kVAr 14% Reactor + 2 x 30.6kVAr, 525V Capacitor
75	75kVAr 7%/5.7% Reactor + 3 x 28.1kVAr, 480V Capacitor	75kVAr 7%/5.7% Reactor + 3 x 33.1kVAr, 525V Capacitor	75kVAr 14% Reactor + 3 x 30.6kVAr, 525V Capacitor
100	100kVAr 7%/5.7% Reactor + 4 x 28.1kVAr, 480V Capacitor	100kVAr 7%/5.7% Reactor + 4 x 33.1kVAr, 525V Capacitor	100kVAr 14% Reactor + 4 x 30.6kVAr, 525V Capacitor

Life Is On

**Schneider**  
Electric

## Schneider Electric India Pvt. Ltd.

Corporate Office: 9th Floor, DLF Building No. 10, Tower C, DLF Cyber City, Phase II, Gurugram 122002 Haryana  
Tel.: ++91 124 3940400 Fax: ++91 124 4222036/ 037

**Ahmedabad**  
Schneider Electric India (P) Ltd.  
1506-1507, 15th Floor Shapth-5,  
SG Highway, Ahmedabad - 380015  
Tel.: 079-66826701

**Cochin**  
Schneider Electric India (P) Ltd.  
41 / 406- D1,3rd Floor, Beejay Towers,  
Rajaji Road Cochin- 682035  
Tel.: 0484-3048401

**Ludhiana**  
Schneider Electric India (P) Ltd.  
Office No. - 3, 5th Floor, Novelty Plaza  
Bhaiwala Chowk  
Ludhiana- 140001  
Tel.: 0161- 4656672-75

**Secunderabad**  
D.No. 1-8-271, # 401, Ashoka Bhoopal  
Chambers, SP Road,  
Secunderabad - 500003  
Tel.: 04039404000  
Fax.: 040-39131313

**Bengaluru**  
Schneider Electric India (P) Ltd.  
No. 3/1, JP Techno Park,  
Mezzanine Floor, Millers Tank Bund  
Road, Vasanth Nagar,  
Bengaluru - 560052. Tel.: 080-71481351

**Coimbatore**  
Schneider Electric India (P) Ltd.  
No. -104, Classic Tower, 3rd Floor,  
Trichy Road, Coimbatore- 641018  
Tel.: 0422-3940400

**Mumbai**  
Schneider Electric India (P)( Ltd)  
Marwah House, 2nd Floor  
Krishanlal Marwah Marg,  
Andheri (East), Mumbai - 400072  
Tel.: 91-22-30263300

**Vadodara**  
605 & 606, 6th Floor Ocean Building,  
Opp.Vadodara Central, Sarabhai Road,  
Vadodara-390005  
Tel.: 0265-3940400

**Bhubaneswar:**  
Schneider Electric India (P) Ltd.  
6th Floor, Block A, JSS Software Technol-  
ogy park , E 1/1 , Chandaka Industrial  
Estate, Info City , Bhubaneswar -751025  
Tel.: 0674-6672000

**Jaipur**  
Schneider Electric India (P) Ltd.  
Jaipur Business Centre 309, 3rd  
Floor, Sangam Tower 190, Church  
Road, Jaipur-302001  
Tel.: 0141-3912903

**Nagpur**  
Schneider Electric India (P) Ltd.  
Fortune Business Centre, 6,  
Basant Vihar, W.H.C Road  
Shankar Nagar, Nagpur- 440010  
Tel.: 0712-2558581

**Vishakhapatnam**  
Schneider Electric India (P) Ltd.  
Ratnam's Business Centre,  
D.N.10-1-43, 1st Floor  
Siripuram Fort,C.B.M.Compound,  
Visakhapatnam- 530016  
Tel.: 0891 - 2508990

**Chandigarh**  
Schneider Electric India (P) Ltd.  
2nd Floor of Tower A  
Bestech Business Tower  
Sector-66  
Mohali- 160059  
Tel.: 0172-3324500

**Kolkata**  
Schneider Electric (I)Pvt.Ltd.,  
BP-4, Sector-V  
Technopolis  
3rd floor, Salt Lake City  
Kolkata- 700 091  
Tel.: 033-333640100-101

**Nashik:**  
Schneider Electric India (P) Ltd.  
401, 4th Floor Rishi Raj Towers, Jehan  
Circle, Gangapur Road,  
Nashik- 422013  
Tel: +91-7620498557

**Chennai**  
Schneider Electric India (P) Ltd.  
No:29, 2nd floor, Bannari Amman Towers,  
B-Block,RK Salai, Mylapore  
Chennai - 600 004  
Tel.:044- 39404000

**Lucknow**  
Schneider Electric India (P) Ltd.  
1st Floor, Asha Bhawan 27 / II -A,  
Gokhale Marg, Lucknow- 226001  
Tel.: 0522-4006010

**Pune**  
Schneider Electric India (P) Ltd.  
1st Floor, R.B. Business Centre  
Above Dass Electronics  
Sanghvi Nagar, Aundh, Pune- 411007  
Tel.: 020-39404000

### Customer Care Centre

Monday-Saturday, 9 a.m. to 8 p.m.

Toll-free numbers: 1800 419 4272, 1800 103 0011

Email: [customer care.in@schneider-electric.com](mailto:customer care.in@schneider-electric.com)

For more information, visit our website at: [www.schneider-electric.co.in](http://www.schneider-electric.co.in)

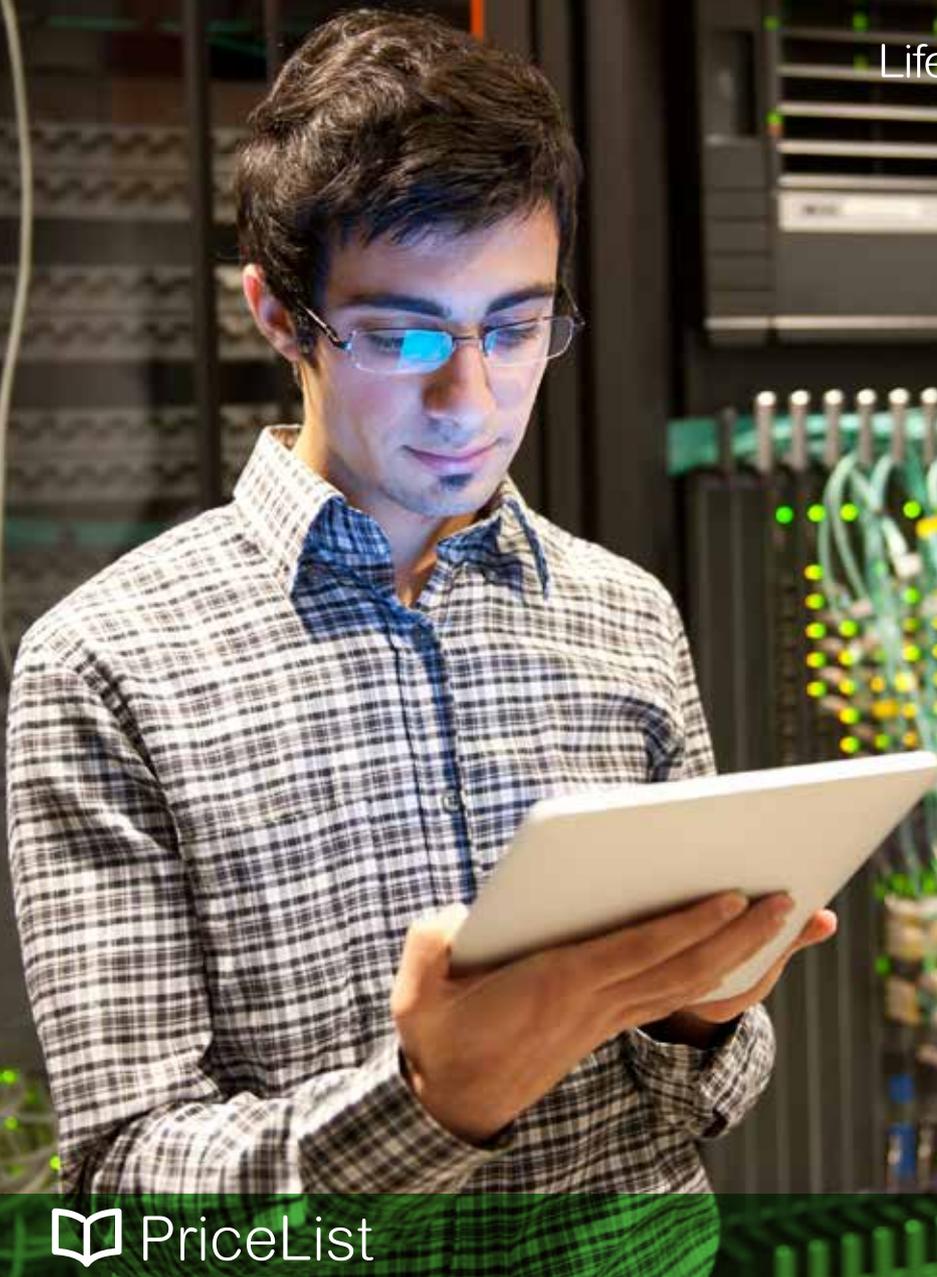
- All Prices are in Indian Rupees.
- Prices are subject to change without notice.
- Prices charged will be as prevailing on the date of dispatch.
- Maximum Retail Price (MRP) is inclusive of all taxes

- Tax incidence on invoices is basis applicable GST rates. Invoice amount not to exceed MRP.
- Invoice Amount = (MRP – less Applicable discount) + Applicable GST %

**Distributor**

Life Is On

**Schneider**  
Electric



 PriceList

# Power Monitoring Solutions Metering Products

With effect from March 12, 2018



[schneider-electric.co.in](http://schneider-electric.co.in)



<b>Power Monitoring Offer .....</b>	<b>5</b>
<b>1. Tailored Offers for Specific Applications and Segments</b>	
1.1 BCPM.....	7
1.2 Insulation Monitoring Devices.....	7
<b>2. High Accuracy, Specialized Solutions - for MV/LV Distribution</b>	
2.1 PowerLogic™ ION 8800 / 8650.....	9
2.2 PowerLogic™ ION 7650 / 7550 .....	9
2.3 PowerLogic™ PM8000 Series Power Quality Analyser .....	9
<b>3. High Accuracy, Compact, Power Meters - for HV/MV/LV Distribution</b>	
3.1 PowerLogic™ PM5000 Series Power Meters.....	11
3.2 Smart Demand Controller - EM7200 Series .....	11
3.3 EasyLogic™ PM2000 Series <b>NEW</b> .....	13
<b>4. India's Most Trusted, Reliable and Accurate Multifunction Meters</b>	
4.1 Conzerv™ EM6400NG Series, The Next Generation Workhorse.....	15
<b>5. India's Most Trusted, Reliable and Accurate Multifunction Meters</b>	
5.1 Hexa Series EM64XXH and PM1130H Meters <b>NEW</b> .....	16
<b>6. DIN Rail Mount Meters - Accurate, Flexible Power Meters</b>	
6.1 PowerLogic™ PM3200 Series CI 0.5S Power Meters MV / LV Distribution .....	17
6.2 PowerLogic™ iEM3000 Series Class Meters - LV Distribution .....	17
<b>7. Ethernet Communication Gateways and Meters</b>	
7.1 Ethernet Communication Gateway Server / Converters.....	18
7.2 Ethernet - TCP/IP Protocol Meters & Accessories.....	18
<b>8. Specialized Small Form Factor Meters - ELF Series</b>	
8.1 ELF32xx Series - VAF, Power & Energy Meters.....	19
<b>9. Specialized Counter Energy Meters - Conzerv™ DM52xx</b>	
9.1 Conzerv™ DM52xx .....	19
<b>10. LCD Display Energy Meter &amp; VAF+PF Meter</b>	
10.1 EM1000 / EM 1200 Series.....	19
10.2 DM 6100 Series - VAF, PF Meter .....	20
<b>11. CE Compliance- Volt/Amp/ Frequency meter</b>	
11.1 EasyLogic™ DM3000 / DM1000.....	20
<b>12. Just the Basics - Voltage / Ampere / Frequency Meter</b>	
12.1 Conzerv™ DM3000 / DM1000.....	20

Please contact Customer Care Center for Stockable and Non stockable status of references.

**NORMAL STOCK ITEMS**



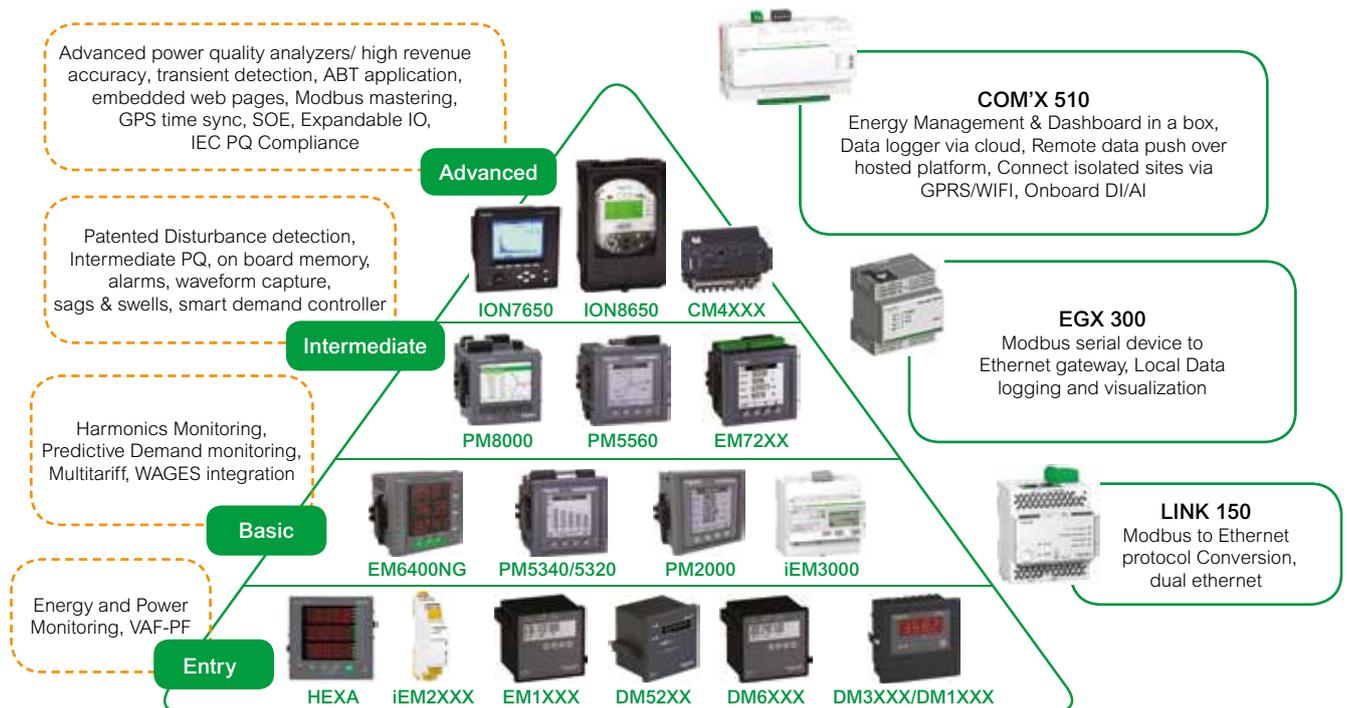


# EcoStruxure™ Facility Expert- Onsite (FXO)

Your first step towards Energy Management

Please contact your sales representative for more details and ordering.

## Discover Our Power Monitoring Solutions



☑ NORMAL STOCK ITEMS

# Power Monitoring Expert

Delivers superior power and energy management to meet your toughest demands



## Drive performance with the next generation in power and energy management

Managing a complex facility with critical power assets and high-energy consumption is challenging. You need access to real-time monitoring data, alarming, and power quality analysis to help you avoid critical conditions that can cause equipment failures and downtime. You also need a robust set of energy analytics tools to manage your energy efficiency and sustainability programs. StruxureWare™ Power Monitoring Expert is a complete, interoperable, and scalable power management software solution that enables you to optimize your power distribution infrastructure, maximize operational efficiency, and improve your bottom-line performance. This solution will help you:

- Maximize facility uptime and reliability
- Examine and mitigate power quality related issues
- Find new ways to extend equipment performance and life span
- Track energy consumption, uncover savings opportunities and accurately allocate costs
- Enable compliance with power quality and energy standards such as IEC/IEEE and ISO50001

Power Monitoring Expert also features segment-specific solutions for data centers, healthcare, and buildings, delivering pre-engineered functionality customized to meet your needs.

Manage power quality, availability, and reliability

Optimize use of your electrical and infrastructure assets

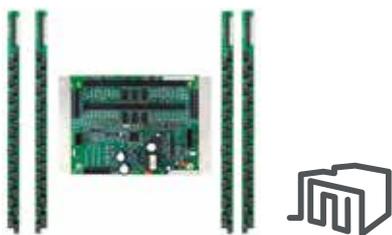
Drive energy efficiency initiatives and improve financial performance

[schneider-electric.co.in](http://schneider-electric.co.in)

# 1. Tailored Offers for Specific Applications and Segments

## Branch Circuit Power Monitor

\*Price on Request



- > BCPM A/B/C variants
- > Split or solid core CTs
- > 24 / 36/ 42 / 48 / 72 / 84 channels configuration

### 1.1 BCPM

#### The BCPM Provides DataCenter Managers with Information to

**Maximize uptime and avoid outages** through advanced alarming capabilities

- > Set sensitivity parameters so an alarm is triggered when current approaches any breaker limit
- > Alarms distinguish between past events and alarm states that are still occurring
- > Analyze the alarm history to assess areas that may need additional capacity to prevent issues

**Effectively plan future infrastructure needs** by providing historical usage data, to ensure that new infrastructure projects are sized correctly

- > Track usage at the circuit level
- > Develop reports on historical usage patterns
- > Use reporting to accurately predict future needs

#### Easily allocate costs

- > Allocate costs based on per rack energy consumption
- > Track usage patterns and determine areas of potential savings
- > Create ongoing reporting structures to effectively manage costs



### 1.2 Insulation Monitoring Devices

\*Price on Request

#### Vigilohm Range of Insulation Monitoring Devices

Used in IT earthing arrangements, this solution

- > Guarantees process continuity in case of earth fault,
- > Improves staff and process safety, and
- > Optimizes maintenance.

#### Can be used in 3 levels of insulation monitoring

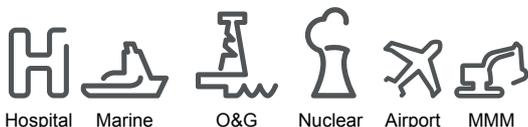
Level 1 : fault detection and signalling, manual fault location (all IMDs)

Level 2 : automatic fault location

Level 3 : feeder measurement + communication

#### Key features

- > Fault detection and signalling
- > Insulation resistance value display
- > Transformer monitoring (current and temperature)
- > Modbus communication
- > Alarm log
- > Insulation fault remote indicator (audible & visual)
- > Electrical fault (transformer overload or circuit breaker tripping ) remote indicator (audible & visual)
- > IEC 60364-4-41 : Electrical standards in buildings
- > IEC 60364-7-10 : Requirements for special installations or locations  
Medical locations.
- > IEC 61557-8 : Insulation Monitoring Devices in IT earthing arrangement
- > IEC 61557-9 : Equipment for insulation fault location in IT earthing arrangements



Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

# Introducing the world's most accurate Revenue meter with DLMS



## PowerLogic™ ION8650-DLMS Next Generation Power Quality and ABT Meter



Utilities



Buildings



Industry

[schneider-electric.co.in](http://schneider-electric.co.in)

## 2. High Accuracy, Specialized Solutions - for MV/LV Distribution



Utility/ABT meter



8650

DLMS

### 2.1 PowerLogic™ ION 8800 / 8650

\*Price on Request

- > **Utility grade accurate metering** with IEC 62053-22/23 Class 0.2S with 1024 samples / cycle
- > **Power quality compliance monitoring** for IEC 61000-4-30 Class A/S, EN50160, IEC 61000-4-7, IEC 61000-4-15, IEEE 1159, IEEE 519
- > **Power quality measurements** with Individual Harmonics, sag – swell, transient detection, waveform analysis & logging
- > **Digital fault recording** by capturing voltage and current channels simultaneously for sub-cycle disturbances
- > **Complete communications** through IEC1107 optical port or the optional communications module that supports concurrent Ethernet, serial, and modem communications
- > **Transformer/line loss compensation** for system losses in real time directly in the meter
- > **Instrument transformer correction** to save money and improve accuracy by correcting for less accurate transformers.



### 2.2 PowerLogic™ ION 7650 / 7550

\*Price on Request

- > **Summarize power quality, set targets**, measure and verify results
- > **Modbus Master functionality** to read from downstream Modbus devices and view it via the front panel
- > **IEC 61850 protocol** to increase interoperability & decrease engineering time
- > **Gateway functionality** to access downstream meter's readings through ethernet
- > **Detect and capture transients** as short as 20µs at 50Hz (17µs at 60 Hz)
- > **Power quality compliance monitoring** IEC 61000-4-30 class A ed. 2, EN50160, IEC 61000-4-7, IEC 61000-4-15, IEEE 519, IEEE 1159, and CBEMA/ITIC
- > **Evaluate flicker** based on IEC 61000-4-15 and IEEE 1453
- > **Detect wave-form changes** & record ultra-fast electrical parameters every 100 m.s.
- > **Trend curves and short-term forecasting** of upcoming values for better decisions
- > **Disturbance direction detection** with results captured in the event log, with a timestamp and certainty level
- > **Alarm set-point learning** & alarm notification via email



### 2.3 PowerLogic™ PM8000 Series Power Quality Analyser

Patent disturbance detection capability with Sag/Swell \*Price on Request

/ Waveform capture technology

- > **Ideal** for high energy users
- > **Revenue accuracy** of Class 0.2S as per IEC 62053-22
- > **High Sampling rate** of 256 Samples / Cycle , Waveform recording, sag/swell monitoring
- > **Modbus Master** with Single RS485 port & Dual Ethernet
- > **512MB of standard** non-volatile memory for Data and event logging
- > **Harmonics Analysis** upto 63rd for Voltage & current
- > **GPS clock (RS485)** or IRIG-B (digital input)
- > **01 Serial port** (Modbus, ION, DNP3) , Dual Ethernet port (Modbus/TCP, ION TCP, DNP3 TCP, IEC 61850 )
- > **Standard Digital Input**, Expandable Digital IO, Analog IO

Please contact Customer Care Center for Stockable and Non stockable status of references.

☑ NORMAL STOCK ITEMS



# Simplifying power quality, maximizing versatility

PowerLogic™ PM8000 series  
Advanced Power Quality Analyser



- Higher Sampling Rate: 256 Samples / Cycle
- Disturbance Direction Detection (DDD): Upstream / Downstream
- Sag/ Swell monitoring with Waveform Capturing functionality
- High Active Accuracy: Class 0.2S as per IEC 62053-22
- Dual Ethernet and 01 RS485 port with Modbus Mastering
- International PQ standards - IEC 61000-4-30 Class S, IEC 62586 PQI-S

[schneider-electric.co.in](http://schneider-electric.co.in)

## 3. High Accuracy, Compact, Power Meters - for HV/MV/LV Distribution



### 3.1 PowerLogic™ PM5000 Series Power Meters

- > IEC 61557-12 IEC for PMD (Power Measurement Devices)
- > **Accuracy** - Class 0.5S (PM51xx, PM53xx) and Class 0.2S (PM5560) - IEC Specifications
- > **4th CT** for neutral and ground current measurement (PM5560)
- > **Dual Ethernet** ports for daisy chain communication (PM5560)
- > **Internal** webpage (PM5560)
- > **Individual Harmonics** up-to 63rd (PM5560), 31st (PM53xx) & 15th (PM51xx) THD, TDD
- > **Multi-tariff** Schedules 4 tariffs (PM53xx) & 8 tariffs (PM5560)
- > **Two Relay outputs** for circuit breaker monitoring & control (PM5330, PM5340)
- > **Logging** memory (PM53xx, PM5560)
- > **Peak demand** with time stamping D/T for current and powers (PM53xx, PM5560)
- > **Demand prediction** based on sliding, fixed and rolling block, thermal methods (All models)
- > **Battery backed up** Real Time Clock (All models)
- > **Meter Insight-Through QR code**

Product	Description	Reference	Unit LP [₹]
PM 5560	CI0.2S, 2 Ethernet + 1 RS485 Port, 4th CT, Webpage, 63rd Harmonic (magnitude & direction), 52 alarms, 4 DI, 2 DO, 8 multi tariff, 128 samples / cycle	30003008D	54382
PM 5340	CI0.5S, 1 Ethernet, 31st harmonic, 2 DI, 2 DO, 2 RO, 35 Alarms, Data logging, 64samples / cycle	30003007D	32109
PM 5320	CI0.5S, 1 Ethernet, 31st harmonic, 2 DI, 2 DO, 35 Alarms, Data logging, 64samples / cycle	30003005D	29927
PM 5330	CI0.5S, RS485 Port, 31st harmonic, 2 DI, 2 DO, 2 RO, 35 Alarms, Data logging, 64samples / cycle	30003006D	26404

### 3.2 Smart Demand Controller - EM7200 Series



- > Accuracy CL **0.2\***, **0.5S** and **Class 1.0** as per IEC 62053 21/22
- > **CE / UL** Certification as per IEC / UL61010 1 Ed 3
- > Versatile and fully user programmable, suitable for HT/LT with any CT/PT
- > 2 Digital inputs, **3 Form C Relay outputs** for control
- > **TOU** for time enabled tariff users and auto resetting of energy parameters - weekdays, weekends, public holidays & offs.
- > **Import / Export** option enables monitoring of bi-directional power flow (also called 4 - quadrant measurement)
- > Utility meter cross check
- > **19 demand profile** settings for optimal demand planning
- > THD and individual harmonics up-to 15th
- > **Predictive demand**, present demand, max demand with date/time stamp. 4 peaks and 4 lows

Product	Description	Reference	Unit LP [₹]
EM 7290	Demand Controller CI0.2* with RS485 Port	30002975	46066
EM 7280	Demand Controller CI0.5S with RS485 Port	30002198	35935
EM 7230	Demand Controller CI1 with RS485 Port	30002055	33171

\* Class 0.2S compliance available in 3ph,4w system



# The easy choice for quality, value, and simplicity.

EasyLogic™ PM2000 series



- Active Accuracy - Class 0.5S/1.0 as per IEC62053-22/21
- Dual Sourcing - Utility or Solar or wind energy monitoring using the DI
- 12am (Configurable) Snapshot - Volt, Amp, Power & Energy
- Rate Counters - Configurable for Energy and KgCO2
- Expandable IO Module - Digital IO/Analog IO
- Calibration and Heart beat LED on the front display

[schneider-electric.co.in](http://schneider-electric.co.in)

## 3. High Accuracy, Specialized Solutions- for MV/LV Distribution



### 3.3 Easy Logic PM2000 Series

#### Multifunction Power and Energy meter with 12am snapshot and Rate counters (kgCO2 / Energy)

- > Energy Standard - Class 0.5S /1.0 as per IEC 62053-22 / 21
- > Power quality analysis with THD & Ind. harmonics up to 31st
  - IO module integration (optional) – Digital Input/ Output, Analog Input/ Output
  - Dual / Multi sourcing - Capable of monitoring Utility & Genset/ Solar/Wind energy using the Multitariff and Digital Input.
  - 12am (Configurable) Snapshot – Snapshot of Avg Volt, Avg Amp, Total active power & energy delivered as measured by the meter at 12am (Configurable) of every day.
  - Rate Counters – Configurable rate counters for displaying kgCO2 or energy cost.
  - Onboard Data Logging – Configurable logging up to 2 parameters
  - Per-phase, avg/ total of Volts, Amps, PF, THD, Hz, W, Wh, VA, VAh, VAR, VARh, Max Demand & Import / Export
  - Min/Max Monitoring with Date/Time stamping
  - Communication : Pulse output or RS485 port

Product	Description	Reference	Unit LP [₹]
PM2230	PM2230, LCD, RS485, Accuracy Cl0.5S, 31st Ind. harmonics, 12am snap shot, kg CO2 and energy rate counters, Data logging	METSEPM2230D	22228
PM2220	PM2220, LCD, RS485, Accuracy Cl1, 15th Ind.harmonics, 12am snap shot, kg CO2 and energy rate counters	METSEPM2220D	20449
PM2210	PM2210, LCD, Pulse Output, Accuracy Cl1, 12am snap shot, kg CO2 and energy rate counters	METSEPM2210D	14989
PM2130	PM2130, LED, RS485, Accuracy Cl0.5S, Ind. Harmonics up to 31st over communication, data logging	METSEPM2130D	21290
PM2K2DIDO*	Optional Digital IO card - 2 channel DI & DO for PM2000 Series	METSEPM2KDGTLIO22D	2526
PM2K1AIAO*	Optional Analog IO card - 1 channel AI & AO for PM2000 Series	METSEPM2KANLGIO11D	2994
PM2K2AIAO*	Optional Analog IO card - 2 channel AI & AO for PM2000 Series	METSEPM2KANLGIO22D	3648

\* Optional IO modules can be used for PM2230 & PM2130 models only. Maximum upto 1 module can be used per device at a time.

## Accessories for Power Monitoring

Description	Reference	Unit LP [₹]
Adaptor Plate 144X144 mm	30000089	80
ELF adaptor plate	30001808	50
DM52XX Tamper protection kit - Set of 36 nos in 01 KIT	METSEDM5240TK	929

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

# The future of multifunction meters is here

The all-new Hexa Series and EM6400NG Series

All-New  
Hexa



All-New  
EM6400NG



## 4. India's Most Trusted, Reliable and Accurate Multifunction Meters



### 4.1 Conzerv EM6400NG Series, The Next Generation Workhorse

Multifunction Energy meter with NextGen features like Harmonics & Min/Max Monitoring, Digital security

- > **Energy Standard** – Class 0.2/0.5S/1 as per IEC 62053-22 / 21
- > **Power quality analysis** with THD & individual harmonics upto 15th over communication
- > **13 different wiring** configuration scheme
- > **Volts, Amps, PF, THD, F, W, Wh, VA, VAh, Var, Varh, Runhrs, Onhrs, Interupts, Preloaded Demand & Import /Export**
- > **Min/Max Monitoring** with Date/Time stamping
- > **Calibration LED** and Heart beat LED for communication Status
- > **Communication** : POP or RS485 port

Product	Description	Reference	Unit LP [₹]
EM6400NG	Class accuracy C10.2, RS485 port	METSEEM6400NGRSL2	25022
EM6400NG	Class accuracy C10.5S, RS485 port	METSEEM6400NGRSL5	20903
EM6400NG	Class accuracy C11.0, RS485 port	METSEEM6400NGRSL1	<input checked="" type="checkbox"/> 16499
EM6400NG	Class accuracy C10.5S, POP	METSEEM6400NGPOCL5	14293
EM6400NG	Class accuracy C11.0, POP	METSEEM6400NGPOCL1	<input checked="" type="checkbox"/> 12940

Old EM6400 Reference	Equivalent EM6400NG Reference
30002021	METSEEM6400NGPOCL1
30002065	METSEEM6400NGPOCL1
30002072	METSEEM6400NGPOCL1
30002081	METSEEM6400NGPOCL1
30002022	METSEEM6400NGPOCL5
30002034	METSEEM6400NGPOCL5
30002049	METSEEM6400NGPOCL5
30002050	METSEEM6400NGPOCL5
30002064	METSEEM6400NGPOCL5
30002085	METSEEM6400NGPOCL5
30002088	METSEEM6400NGPOCL5
30002002	METSEEM6400NGRSL1
30002012	METSEEM6400NGRSL1
30002077	METSEEM6400NGRSL1
30002078	METSEEM6400NGRSL1
30002246	METSEEM6400NGRSL1
30002027	METSEEM6400NGRSL2
30002066	METSEEM6400NGRSL2
30002089	METSEEM6400NGRSL2
30002097	METSEEM6400NGRSL2
30002101	METSEEM6400NGRSL2
30002102	METSEEM6400NGRSL2
30002104	METSEEM6400NGRSL2
30002106	METSEEM6400NGRSL2
30002109	METSEEM6400NGRSL2
30002257	METSEEM6400NGRSL2
30002347	METSEEM6400NGRSL2
30002911	METSEEM6400NGRSL2

Old EM6400 Reference	Equivalent EM6400NG Reference
30002912	METSEEM6400NGRSL2
30002913	METSEEM6400NGRSL2
30002914	METSEEM6400NGRSL2
30002915	METSEEM6400NGRSL2
30002916	METSEEM6400NGRSL2
30002917	METSEEM6400NGRSL2
30002918	METSEEM6400NGRSL2
30002919	METSEEM6400NGRSL2
30002920	METSEEM6400NGRSL2
30002921	METSEEM6400NGRSL2
30002922	METSEEM6400NGRSL2
30002923	METSEEM6400NGRSL2
30002924	METSEEM6400NGRSL2
30002925	METSEEM6400NGRSL2
30002001	METSEEM6400NGRSL5
30002019	METSEEM6400NGRSL5
30002036	METSEEM6400NGRSL5
30002040	METSEEM6400NGRSL5
30002041	METSEEM6400NGRSL5
30002042	METSEEM6400NGRSL5
30002051	METSEEM6400NGRSL5
30002056	METSEEM6400NGRSL5
30002057	METSEEM6400NGRSL5
30002069	METSEEM6400NGRSL5
30002082	METSEEM6400NGRSL5
30002083	METSEEM6400NGRSL5

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

# 5. India's Most Trusted, Reliable and Accurate Multifunction Meters



**NEW**

## 5.1 Hexa Series EM64XXH and PM1130H Meters

Load Managers, Power & Energy, Dual Source Multifunction meters

- > Energy Accuracy - Class 0.5 / 1.0 as per IEC 62053-22 / 21
- > Single and Multisource range of devices
- > Dual Sourcing with demand Monitoring, THD% for voltage & Current, 01 Relay Contact.
- > Configurable Favorite Page.
- > Sampling Rate of 32 Samples / Cycle.
- > Onsite Calibration Verification - Calibration LED.
- > Heart beat LED for communication status & meter healthiness.
- > Modus RS485 communication port.
- > Communication Disable from the front panel of the Meter.
- > Multi colored analog load bar with over load indication.
- > Configurable Password for secured setup of the device.

Product	Description	Reference	Unit LP [₹]
PM1130H	EASYLOGIC PM1130H Dual Source Power & Energy Meter, Class accuracy 0.5, 01 Relay Contact, 01 RS485 port	METSEPM1130HCL05RD	14369
EM6438H	CONZERV EM6438H Dual Power & Energy Meter, Class accuracy 0.5, 01 RS485 port	METSEEM6438HCL05RS	7092
EM6438H	CONZERV EM6438H Dual Power & Energy Meter, Class accuracy 1.0, 01 RS485 port	METSEEM6438HCL10RS	<input checked="" type="checkbox"/> 6584
EM6436H	CONZERV EM6436H VAF+ PF + Power & Energy Meter, Class accuracy 0.5, 01 RS485 port	METSEEM6436HCL05RS	10790
EM6436H	CONZERV EM6436H VAF+ PF + Power & Energy Meter, Class accuracy 1.0, 01 RS485 port	METSEEM6436HCL10RS	<input checked="" type="checkbox"/> 9399
EM6436H	CONZERV EM6436H VAF+ PF + Power & Energy Meter, Class accuracy 1.0	METSEEM6436HCL10NC	8042
EM6433H	CONZERV EM6433H A+ Power & Energy Meter, Class accuracy 0.5, 01 RS485 port	METSEEM6433HCL05RS	6577
EM6433H	CONZERV EM6433H A+ Power & Energy Meter, Class accuracy 1.0, 01 RS485 port	METSEEM6433HCL10RS	<input checked="" type="checkbox"/> 6196
EM6459H	CONZERV EM6459H VAF+ PF Digital Meter, Class accuracy 0.5, 01 RS485 port	METSEEM6459HCL05RS	6954
EM6459H	CONZERV EM6459H VAF+ PF Digital Meter, Class accuracy 1.0, 01 RS485 port	METSEEM6459HCL10RS	<input checked="" type="checkbox"/> 6555
EM6459H	CONZERV EM6459H VAF+ PF Digital Meter, Class accuracy 1.0	METSEEM6459HCL10NC	5096

Old EM64xx Reference	Equivalent Hexa Reference
30002277	METSEPM1130HCL05RD
30002278	METSEPM1130HCL05RD
30002306	METSEPM1130HCL05RD
30002351	METSEPM1130HCL05RD
30002438	METSEPM1130HCL05RD
30002305	METSEPM1130HCL05RD
30002437	METSEPM1130HCL05RD
30002026	METSEEM6438HCL10RS
30002269	METSEEM6438HCL05RS
30001999	METSEEM6436HCL10RS
30002892	METSEEM6436HCL10RS
30001994	METSEEM6436HCL10NC
30002295	METSEEM6436HCL10NC
30002893	METSEEM6436HCL10NC
30002015	METSEEM6436HCL05RS
30002203	METSEEM6436HCL05RS
30002204	METSEEM6436HCL05RS
30002205	METSEEM6436HCL05RS
30002201	METSEEM6436HCL05RS

Old EM64xx Reference	Equivalent Hexa Reference
30002930	METSEEM6436HCL05RS
30002931	METSEEM6436HCL05RS
30002932	METSEEM6436HCL05RS
30002933	METSEEM6436HCL05RS
30002016	METSEEM6433HCL10RS
30002031	METSEEM6433HCL10RS
30002000	METSEEM6433HCL05RS
30002336	METSEEM6433HCL05RS
30002436	METSEEM6433HCL05RS
30002926	METSEEM6433HCL05RS
30002927	METSEEM6433HCL05RS
30001804	METSEEM6459HCL10RS
30002008	METSEEM6459HCL10NC
30002220	METSEEM6459HCL05RS
30002221	METSEEM6459HCL05RS
30002224	METSEEM6459HCL05RS
30002934	METSEEM6459HCL05RS
30002935	METSEEM6459HCL05RS
30002936	METSEEM6459HCL05RS

\* Few references may not be the exact equivalent, Please contact local sales representative before ordering.

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

## 6. DIN Rail Mount Meters - Accurate, Flexible Power Meters

Schneider Electric's new DIN rail mount meters are compact, versatile, high performance devices that conform to exacting IEC standards with the added benefits of being i. Easy to install ii. Easy to modify and iii. Easy to maintain

### 6.1 PowerLogic™ PM3200 Series CI 0.5S Power Meters MV / LV Distribution



- > **Know network health through** all measurement parameters (I, In, U, V, PQS, E, PF, Hz, THD)
- > **Four-quadrant metering to differentiate energy**
  - Target green technologies (delivered/received)
  - Help reduce utility penalties (active/reactive)
- > **Up to 4 different time slots to manage multiple tariffs**
  - Peak, off-peak, workday, weekend
- > **DI/DO provide access to other areas of the electrical network & allow for more applications**
  - WAGES counting, remote reset, tariff control and energy pulse outputs
  - status input (circuit breaker trip or panel door opening), DO alarm for sound or light alert
- > **Data logging (PM3255)**
  - Save last 32 days, last 20 weeks and last 13 months consumption data in separate registers
  - Longer historical record helps create an accurate load profile, making benchmarking and trending easier

Product	Description	Reference	Unit LP [₹]
PM 3255	Din rail Power meter Modbus	METSEPM3255	15304
PM 3210	Din rail Power meter pulse	METSEPM3210	13947

### 6.2 PowerLogic™ iEM3000 Series Class Meters - LV Distribution



iEM31xx: 63A direct connect - CI1.0  
iEM32xx: 1A / 5A CT connect - CI0.5S  
iEM33xx: 125A direct connect - CI1.0



iEM2010

- |   |  |   |
|---|--|---|
| <ul style="list-style-type: none"> <li>iEM3110</li> <li>iEM3210</li> <li>iEM3310</li> </ul> <ul style="list-style-type: none"> <li>&gt; Total kWh</li> <li>&gt; Partial kWh + date and time of last reset</li> <li>&gt; Pulse output up to 1000pulse/kWh</li> <li>&gt; 1 Digital Out</li> <li>&gt; Date and time of last reset</li> <li>&gt; MID legal metrology certification</li> </ul> | <ul style="list-style-type: none"> <li>iEM3150</li> <li>iEM3250</li> <li>iEM3350</li> </ul> <ul style="list-style-type: none"> <li>&gt; Modbus</li> <li>&gt; Total kWh</li> <li>&gt; Partial kWh + date and time of last reset</li> <li>&gt; Self powered</li> <li>&gt; By communication: kWh, A, V, kW, PF</li> </ul> | <ul style="list-style-type: none"> <li>iEM3165, 3175</li> <li>iEM3265, 3275</li> </ul> <ul style="list-style-type: none"> <li>&gt; Total kWh, kVAR</li> <li>&gt; Four quadrant</li> <li>&gt; Partial kWh+ date and time of last reset</li> <li>&gt; By communication: kWh, kVARh, P,Q, S, Kv, PF, 4 tariffs, digital input status, date/clock</li> <li>&gt; 1 DI for circuit breaker status, input WAGES, 1 DO</li> </ul> |
|---|--|---|

### iEM 33xx - CI1.0 , Direct current 125 A , Din Rail Meter

Product	Description	Reference	Unit LP [₹]
iEM33xx	Three Phase, 125A Direct Current, Lonwork	A9MEM3375	20069
iEM33xx	Three Phase, 125A Direct Current, BACnet	A9MEM3365	18650
iEM33xx	Three Phase, 125A Direct Current, Modbus	A9MEM3350	15869
iEM33xx	Three Phase, 125A Direct Current, PulseO/P	A9MEM3310	14972

### Three phase CT Operated, Din Rail Meter / Direct Current-Three phase (upto 63A)

Product	iEM 32xx CI0.5S CT		iEM 31xx CI1.0 - Direct current	
	Reference	Unit LP [₹]	Reference	Unit LP [₹]
iEM 3x65	A9MEM3265	16166	A9MEM3165	15685
iEM 3x55	A9MEM3255	11332	A9MEM3155	12519
iEM 3x50	A9MEM3250	10625	A9MEM3150	11816
iEM 3x10	A9MEM3210	9734	A9MEM3110	10817

### Direct Current-Single phase (upto 40A) , Din Rail Meter

Product	Description	Reference	Unit LP [₹]
iEM 2010	Single Phase Energy Meter upto 40A, POP with counter display	A9MEM2010	5043

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

# 7. Ethernet Communication Gateways and Meters



## Com'X 510 Energy management in a box

- > Com'X 510 collects and stores consumption of WAGES (water, air, gas, electricity and steam) and environmental factors like temperature, humidity, and CO2 levels.
- > Its embedded energy management software provides immediate visibility of energy consumption that helps identify opportunities for saving energy and lowering power bills.
- > Users can analyze real-time and historical data, provide stakeholders with a comprehensive view of their energy usage.

## 7.1 Ethernet Communication Gateway Server / Converters

### Com'X 510 Gateway Server



- > Dual Ethernet
- > Onboard storage
- > Wireless WiFi / GPRS Support
- > Cloud hosted platform
- > Local and Customized Web pages with trending and dashboard visualization
- > Modbus Gateway
- > On-Board 6 DI, 2 AI

### EGX300 – Gateway Device



- > 1 Ethernet port (10/100 Base T)
- > Inbuilt web dashboard
- > Custom web page Support
- > Real-time trending
- > Device discovery
- > TCP/IP, SNMP, SNT, SMTP protocol
- > Aux Supply 24 V DC

### LINK150 Protocol Converter



- > Protocol Converter from Modbus RS485 to TCP/IP
- > Two (2) Ethernet ports for daisy chain Ethernet
- > Setup through built-in web pages
- > HTTP, HTTPS, FTP, SMTP, IPV6 Support
- > 24V DC and/or POE power supply

Product	Description	Reference	Unit LP [₹]
ComX'510	Energy Gateway Server – EMS in a BOX	EBX510	43939
EGX300	Gateway Server	30002885	28213
Link150	Protocol Converter	EGX150	27219
Wi-fi USB Stick	Wi-fi USB stick for Com'X	EBXA-USB-WiFi	3892
GPRS	GPRS modem without SIM for Com'X	EBXA-GPRS	5353
GPRS Antenna	External GPRS antenna for Com'X	EBXA-ANT-5M	3171

## 7.2 Ethernet – TCP/IP Protocol Meters & Accessories

Product	Description	Reference	Unit LP [₹]
ION Products	ION 8800, ION 8650, ION 7650, ION 7550, PM8000 with Ethernet		On Request
PM 5560	Two Ethernet ports with single IP, CI0.2S, Web dashboard	30003008D	54382
PM 5340	One Ethernet port, 2 Digital Inputs, 2 Digital Outputs, 2 Relays	30003007D	32109
PM 5320	One Ethernet port, 2 Digital Inputs, 2 Digital Outputs	30003005D	29927

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

## 8. Specialized Small Form Factor Meters - ELF Series



### 8.1 ELF32xx Series - VAF, Power & Energy Meters

- > Accuracy C11.0, C10.5
- > Aux Supply - 80 to 270Vac
- > Size - 96X48mm
- > Parameters - VAF, W/VA/VAr/PF
  - a) ELF3259 - VAF meter
  - b) ELF3234 - W/VA/VAr/PF
  - c) ELF3234\_3 - W/VA/VAr & PF

Product	Description	Reference	Unit LP [₹]
ELF3234-3	ELF3234-3 C10.5	30000619	6077
ELF3234	ELF3234 C10.5	30000621	5201
ELF3259	ELF3259 C10.5	30000620	2610
ELF3234-3	ELF3234-3 C11.0	30000409	4854
ELF3234	ELF3234 C11.0	30000859	4159
ELF3259	ELF3259 C11.0	30000860	2082

## 9. Specialized Counter Energy Meters- Conzerv™ DM52xx



### 9.1 \*Conzerv™ DM52xx

- > Accuracy C11.0, C10.5
- > Pulse output – for effective WAGES tracking on EMS systems
- > 3P4W & 3P3W wiring options

Product	Description		Unit LP [₹]
DM5240	Energy Meter 3P4W C11.0 POP	<input checked="" type="checkbox"/>	4030
DM5240	Energy Meter 3P4W C10.5 POP		4780
DM5230	Energy Meter 3P3W C11.0 POP		3780
DM5230	Energy Meter 3P3W C10.5 POP		4435

\*Reference code based on detailed specification, please check with local Representative

## 10. LCD Display Energy Meters & VAF+PF Meters



High durability, sleek LCD display energy & VAF+PF meters

### 10.1 EM1000 / EM1200 Series

- > Accuracy C10.5, C11.0
- > **Parameters** - KW, kWh & PF
- > **Pulse output** - for basic tracking on EMS systems
- > **RS 485** - for native integration into EMS

Product	Description	Reference	Unit LP [₹]
EM1200	EM1200 C10.5 RS	30002572	4170
EM1000	EM1000 C10.5 POP	30002571	3579
EM1200	EM1200 C11.0 RS	30002565	<input checked="" type="checkbox"/> 3436
EM1000	EM1000 C11.0 POP	30002568	<input checked="" type="checkbox"/> 2830

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018



## 10.2 DM 6100 Series – VAF, PF Meters

- > Accuracy CI0.5, CI1.0
- > **DM6100** - VAF, PF meter
- > **DM6300** - VAF, PF meter with RS 485 port

Product	Description	Reference		Unit LP [₹]
DM6300	DM6300 CI0.5 RS	30002570		3452
DM6100	DM6100 CI0.5	30002569		2724
DM6300	DM6300 CI1.0 RS	30002566		3287
DM6100	DM6100 CI1.0	30002567	☑	2595

## 11. CE compliance - Volt/Amp/ frequency meter



### 11.1 EasyLogic™ DM3000 / DM1000

- > **CE compliance** as per latest IEC 61010-1
- > **50Hz** or 60Hz
- > **AC or DC** control power
- > **LED indicators** for phase identification in 3-ph meters
- > **Plus all features** of Conzerv range DM3000 / DM1000

Product	Description	Reference		Unit LP [₹]
DM3210	Three phase Voltmeter CI0.5	30002965		2414
DM3110	Three phase Ammeter CI0.5	30002964		2414
DM1210	Single phase Voltmeter CI0.5	30002962		1638
DM1110	Single phase Ammeter CI0.5	30002961		1638
DM1310	Frequency meter CI0.2	30002963		1247

## 12. Just the Basics - Voltage / Ampere / Frequency Meters



### 12.1 Conzerv™ DM3000 / DM1000

#### Accuracy

- > Volts & Amps - CI 0.5/CI1.0
- > Frequency - 0.2
- > True RMS values

#### Bright red LED Display

- > Full 4 Digits, 0.1% Resolution
- > 14mm height, 7 segment

#### User-friendly

- > Auto exit from setup
- > Elegant ergonomic design
- > Intuitive dual function key
- > Bright LED indicators - Kilo & Phase indications for measured value

Product	Description	Reference		Unit LP [₹]
DM3210	Three phase Voltmeter CI0.5	30002462	☑	1968
DM3110	Three phase Ammeter CI0.5	30002461	☑	1968
DM3210	Three phase Voltmeter CI1.0	30002386	☑	1572
DM3110	Three phase Ammeter CI1.0	30002385	☑	1572
DM1210	Single phase Voltmeter CI0.5	30002460	☑	1332
DM1110	Single phase Ammeter CI0.5	30002459	☑	1332
DM1210	Single phase Voltmeter CI1.0	30002366	☑	989
DM1110	Single phase Ammeter CI1.0	30002365	☑	989
DM1310	Single phase Frequency CI0.2	30002367	☑	989

Please contact Customer Care Center for Stockable and Non stockable status of references.

☑ **NORMAL STOCK ITEMS**

W.E.F. March 12, 2018



Life Is 

**Schneider**  
 Electric

## Schneider Electric India Pvt. Ltd.

Corporate Office: 9th Floor, DLF Building No. 10, Tower C, DLF Cyber City, Phase II, Gurugram 122002 Haryana  
Tel.: ++91 124 3940400 Fax: ++91 124 4222036/ 037

Ahmedabad  
Schneider Electric India (P) Ltd.  
1506-1507, 15th Floor Shapth-5,  
SG Highway, Ahmedabad - 380015  
Tel.: 079-66826701

Cochin  
Schneider Electric India (P) Ltd.  
41 / 406- D1,3rd Floor, Beejay Towers,  
Rajaji Road Cochin- 682035  
Tel.: 0484-3048401

Ludhiana  
Schneider Electric India (P) Ltd.  
Office No. - 3, 5th Floor, Novelty Plaza  
Bhaiwala Chowk  
Ludhiana- 140001  
Tel.: 0161- 4656672-75

Secunderabad  
D.No. 1-8-271, # 401, Ashoka Bhoopal  
Chambers, SP Road,  
Secunderabad - 500003  
Tel.: 04039404000  
Fax.: 040-39131313

Bengaluru  
Schneider Electric India (P) Ltd.  
No. 3/1, JP Techno Park,  
Mezzanine Floor, Millers Tank Bund  
Road, Vasanth Nagar,  
Bengaluru - 560052. Tel.: 080-71481351

Coimbatore  
Schneider Electric India (P) Ltd.  
No. -104, Classic Tower, 3rd Floor,  
Trichy Road, Coimbatore- 641018  
Tel.: 0422-3940400

Mumbai  
Schneider Electric India (P)( Ltd)  
Marwah House, 2nd Floor  
Krishanlal Marwah Marg,  
Andheri (East), Mumbai - 400072  
Tel.: 91-22-30263300

Vadodara  
605 & 606, 6th Floor Ocean Building,  
Opp.Vadodara Central, Sarabhai Road,  
Vadodara-390005  
Tel.: 0265-3940400

Bhubaneswar:  
Schneider Electric India (P) Ltd.  
6th Floor, Block A, JSS Software Technol-  
ogy park , E 1/1 , Chandaka Industrial  
Estate, Info City , Bhubaneswar -751025  
Tel.: 0674-6672000

Jaipur  
Schneider Electric India (P) Ltd.  
Jaipur Business Centre 309, 3rd  
Floor, Sangam Tower 190, Church  
Road, Jaipur-302001  
Tel.: 0141-3912903

Nagpur  
Schneider Electric India (P) Ltd.  
Fortune Business Centre, 6,  
Basant Vihar, W.H.C Road  
Shankar Nagar, Nagpur- 440010  
Tel.: 0712-2558581

Vishakhapatnam  
Schneider Electric India (P) Ltd.  
Ratnam's Business Centre,  
D.N.10-1-43, 1st Floor  
Siripuram Fort,C.B.M.Compound,  
Visakhapatnam- 530016  
Tel.: 0891 - 2508990

Chandigarh  
Schneider Electric India (P) Ltd.  
2nd Floor of Tower A  
Bestech Business Tower  
Sector-66  
Mohali- 160059  
Tel.: 0172-3324500

Kolkata  
Schneider Electric (I)Pvt.Ltd.,  
BP-4, Sector-V  
Technopolis  
3rd floor, Salt Lake City  
Kolkata- 700 091  
Tel.: 033-333640100-101

Nashik:  
Schneider Electric India (P) Ltd.  
401, 4th Floor Rishi Raj Towers, Jehan  
Circle, Gangapur Road,  
Nashik- 422013  
Tel: +91-7620498557

Chennai  
Schneider Electric India (P) Ltd.  
No:29, 2nd floor, Bannari Amman Towers,  
B-Block,RK Salai, Mylapore  
Chennai - 600 004  
Tel.:044- 39404000

Lucknow  
Schneider Electric India (P) Ltd.  
1st Floor, Asha Bhawan 27 / II -A,  
Gokhale Marg, Lucknow- 226001  
Tel.: 0522-4006010

Pune  
Schneider Electric India (P) Ltd.  
1st Floor, R.B. Business Centre  
Above Dass Electronics  
Sanghvi Nagar, Aundh, Pune- 411007  
Tel.: 020-39404000

### Customer Care Centre

Monday-Saturday, 9 a.m. to 8 p.m.

Toll-free numbers: 1800 419 4272, 1800 103 0011

Email: [customer care.in@schneider-electric.com](mailto:customer care.in@schneider-electric.com)

For more information, visit our website at: [www.schneider-electric.co.in](http://www.schneider-electric.co.in)

- All Prices are in Indian Rupees.
- Prices are subject to change without notice.
- Prices charged will be as prevailing on the date of dispatch.
- Maximum Retail Price (MRP) is inclusive of all taxes

- Tax incidence on invoices is basis applicable GST rates. Invoice amount not to exceed MRP.
- Invoice Amount = (MRP – less Applicable discount) + Applicable GST %

**Distributor**

Life Is On

**Schneider**  
Electric

 PriceList

# Switching and Controlling Products

With effect from March 12, 2018



[schneider-electric.co.in](http://schneider-electric.co.in)



**EasyPact TVS**

- > EasyPact TVS Power Contactors (3 Pole) . . . . . 6
- > EasyPact TVS Power Contactors (4 Pole) . . . . . 7
- > EasyPact TVS Thermal Overload Relay . . . . . 8
- > EasyPact TVS Contactor Accessories . . . . . 9
- > EasyPact TVS Motor Protection Circuit Breaker . . . . . 10

**TeSys K**

- > TeSys K Control Relays . . . . . 13
- > TeSys K Power Contactors . . . . . 13
- > TeSys K Reversing Contactors . . . . . 13
- > TeSys K Accessories for Contactors . . . . . 14
- > TeSys K Thermal Overload Relays . . . . . 14

**TeSys D**

- > TeSys D Control Relays . . . . . 17
- > TeSys D Power Contactors (3 Pole) . . . . . 17
- > TeSys D Low Consumption Contactors . . . . . 18
- > TeSys D Green Electric Coil Contactor . . . . . 18
- > TeSys D Power Contactors (4 Pole) . . . . . 19
- > TeSys D Capacitor Duty Contactors . . . . . 19
- > TeSys D - Accessories . . . . . 20
- > TeSys D Spare Coils AC/DC . . . . . 21

**TeSys LRD**

- > TeSys LRD Thermal Overload Relay (D Model) . . . . . 26
- > TeSys LRD Electronic Overload Relay (D Model) . . . . . 26

**TeSys F**

- > TeSys F Power Contactors . . . . . 28
- > TeSys Vacuum and Bar Contactors . . . . . 29
- > TeSys F - Accessories . . . . . 30
- > TeSys F Electronic Relays . . . . . 31

**Linergy**

- > Linergy BZ . . . . . 33
- > Linergy HK . . . . . 34

**TeSys MPCB**

- > TeSys Motor Circuit Breakers . . . . . 35
- > TeSys Motor Circuit Breakers Accessories . . . . . 36

**TeSys GV4**

- > GV4L . . . . . 41
- > GV4P . . . . . 41
- > GV4PEM . . . . . 42
- > Auxiliary Contact Blocks . . . . . 42
- > SDx Contact Module for GV4PEM . . . . . 43
- > GV4 Accessories . . . . . 44

**Advanced Motor Protection**

- > Electronic Overload Relay . . . . . 49
- > Analog Electronic Over Current Relay . . . . . 49
- > Digital Electronic Overload Relay . . . . . 50

**Motor Management Solution**

- > GV4PEM . . . . . 52
- > TeSys H- Ultra Compact Starters . . . . . 54
- > TeSys U . . . . . 56
- > TeSys T - Motor Management System . . . . . 59

For details on non standard references, technical parameters, accessories, compatibility, stockable and non stockable status please contact Customer Care

**Starters**

- > TE Start & TeSys Motor Starters . . . . . 61
- > Starters Spares. . . . . 62

**Selection Chart**

- > Selection Chart for EasyPact TVS DOL  
(Type 2 Co-ordination with Fuse) . . . . . 63
- > Selection Chart for EasyPact TVS Star Delta  
(Type 2 Co-ordination with Fuse) . . . . . 63
- > Selection Chart for TeSys Standard DOL Motor Starters  
(Type 1 Co-ordination with MPCB at 415 V) . . . . . 64
- > Selection Chart for TeSys High Performance DOL Motor  
Starters (Type 2 Co-ordination with MPCB at 415 V) .....65

NEW

# EasyPact TVS

The Easy choice for simplicity and flexibility

- 3 Pole and 4 Pole Power Contactor
- Thermal Overload Relay
- Motor Protection Circuit Breaker
- Accessories



Designed for the Essential

Power Contactors - ETVS(3 Pole AC Control)



- Conformance to IEC 60947-4-1, CE Marking
- Current Rating: 6A to 630A, AC3 Rating
- Type 2 co-ordination chart available with Fuse, MPCB and MCCB.
- Wide Band Coil in 6 - 40BA for 220 & 415VAC
- New dual frequency coil available for select coil ratings

[Ie] Rated Operational Current		Motor Power at 415 V, 3Ph, 50Hz		Auxiliary Contacts		Reference	Unit MRP [₹]
AC-1	AC-3	hP	kW	NO	NC		
20 A	6 A	3	2.2	-	1	LC1E0601* <input checked="" type="checkbox"/>	830
				1	-	LC1E0610* <input checked="" type="checkbox"/>	830
25 A	9 A	5.5	4	-	1	LC1E0901* <input checked="" type="checkbox"/>	870
				1	-	LC1E0910* <input checked="" type="checkbox"/>	870
25 A	12 A	7.5	5.5	-	1	LC1E1201* <input checked="" type="checkbox"/>	970
				1	-	LC1E1210* <input checked="" type="checkbox"/>	970
32 A	18 A	12	9	-	1	LC1E1801* <input checked="" type="checkbox"/>	1110
				1	-	LC1E1810* <input checked="" type="checkbox"/>	1110
36A	25 A	15	11	-	1	LC1E2501* <input checked="" type="checkbox"/>	1500
				1	-	LC1E2510* <input checked="" type="checkbox"/>	1500
50 A	32 A	20	15	-	1	LC1E3201* <input checked="" type="checkbox"/>	3150
				1	-	LC1E3210* <input checked="" type="checkbox"/>	3150
50 A	38 A	25	18.5	-	1	LC1E3801* <input checked="" type="checkbox"/>	3700
				1	-	LC1E3810* <input checked="" type="checkbox"/>	3700
<b>NEW</b> 50A	40A	29	22	-	1	LC1E40B01**	3850
				1	-	LC1E40B10**	3850
60 A	40 A	29	22	1	1	LC1E40* <input checked="" type="checkbox"/>	4900
70 A	50 A	34	25/30	1	1	LC1E50* <input checked="" type="checkbox"/>	5950
80 A	65 A	50	37	1	1	LC1E65* <input checked="" type="checkbox"/>	8000

[Ie] Rated Operational Current		Motor Power at 415 V, 3Ph, 50Hz		Auxiliary Contacts		Reference	Unit LP [₹]
AC-1	AC-3	hP	kW	NO	NC		
110A	80 A	60	45	1	1	LC1E80* <input checked="" type="checkbox"/>	10400
120 A	95 A	60	45	1	1	LC1E95* <input checked="" type="checkbox"/>	12500
150 A	120 A	75	55	1	1	LC1E120* <input checked="" type="checkbox"/>	14800
200 A	160 A	120	90	1	1	LC1E160* <input checked="" type="checkbox"/>	19400
250 A	200 A	150	110	-	-	LC1E200* <input checked="" type="checkbox"/>	27000
300 A	250A	175	132	-	-	LC1E250* <input checked="" type="checkbox"/>	35580
320 A	300 A	215	160	-	-	LC1E300* <input checked="" type="checkbox"/>	42600
500 A	400A	295	220	-	-	LC1E400* <input checked="" type="checkbox"/>	54150
700 A	500A	375	280	-	-	LC1E500* <input checked="" type="checkbox"/>	76270
1000 A	630A	500	375	-	-	LC1E630* <input checked="" type="checkbox"/>	108290

\* Reference to be completed by adding coil voltage code

**Coil Voltage Code**

* VOLTAGE (V AC)	24	110	220	415
LC1E06..LC1E95	B7	F7	M7	N5
LC1E120..LC1E300	B5	F5	M5	N5
LC1E400..LC1E630	B7	F7	M7	N7
LC1E06..LC1E40B	-	-	M5WB	N5WB

Non Standard Voltage/code: 48 VAC/E5, 380 VAC/Q5, 440 VAC/R5  
Please add ₹ 120/- while ordering Contactors with Non Standard Voltages.

\*\* For more information contact regional sales office

For details on non standard references, technical parameters, accessories, compatibility, stockable and non stockable status please contact Customer Care

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

## Power Contactors - ETVS (4 Pole AC Control)



- Conformance to IEC 60947-4-1
- Current Rating: 16A to 125A, AC1 rating
- Available in 4NO and 2NO+2NC Power Pole combination
- Wide Band Coil for all ratings in 220 & 415 VAC

AC-1 Rating	Power Poles	Reference	Unit MRP [₹]	Power Poles	Reference	Unit MRP [₹]
16	4NO	LC1E06004*	940	2NO + 2NC	LC1E06008*	1190
20	4NO	LC1E09004*	1000	2NO + 2NC	LC1E09008*	1260
25	4NO	LC1E12004*	1090	2NO + 2NC	LC1E12008*	1370
32	4NO	LC1E18004*	1150	2NO + 2NC	LC1E18008*	1510
40	4NO	LC1E25004*	1810	2NO + 2NC	LC1E25008*	2490
45	4NO	LC1E32004*	3030	2NO + 2NC	LC1E32008*	3850
<b>NEW</b> 60	4NO	LC1E38004*	3570	2NO + 2NC	LC1E38008*	4860
60	4NO	LC1E40004*	5640	2NO + 2NC	LC1E40008*	7490
80	4NO	LC1E65004*	7660	2NO + 2NC	LC1E65008*	9550

AC-1 Rating	Power Poles	Reference	Unit LP [₹]	Power Poles	Reference	Unit LP [₹]
100	4NO	LC1E80004*	10070	2NO + 2NC	LC1E80008*	14130
125	4NO	LC1E95004*	11420	2NO + 2NC	LC1E95008*	16930

\* Reference to be completed by adding coil voltage code

## Control Relays - ETVS (AC Control)

Auxiliary Contacts			Reference	Unit MRP [₹]
NO	NC			
4	0		CAE40*	880
3	1		CAE31*	
2	2		CAE22*	

\* Reference to be completed by adding coil voltage code

## Coil Voltage Code

* Voltage (V AC)	24	110	220	415
LC1E0600*...9500* 50/60 Hz	B7	F7	-	-
LC1E0600*...9500* 50 Hz/ Wide Band	-	-	M5WB	N5WB
Control relay CAE	B5	F5	M5	N5

Note:

- 4P power contactor also available at 48VAC E7 and 380VAC Q7
- Add ₹120 while ordering non-standard voltages

For details on non standard references, technical parameters, accessories, compatibility, stockable and non stockable status please contact Customer Care

## Thermal Overload Relay - ETVS



- Conformance to IEC 60947-4-1, CE Marking
- Range : 0.1A to 630A
- Tripping Class : 10A
- Direct & Independent mounting

Thermal Protection Adjustment Range	For Use with Contactor	Reference	Unit MRP [₹]	
<b>LRE</b>				
0.1...0.16 A	E06...E40B	LRE01	1320	
0.16...0.25 A	E06...E40B	LRE02		
0.25...0.4 A	E06...E40B	LRE03		
0.4...0.63 A	E06...E40B	LRE04		
0.63...1 A	E06...E40B	LRE05 <input checked="" type="checkbox"/>		
1...1.6 A	E06...E40B	LRE06 <input checked="" type="checkbox"/>		
1.6...2.5 A	E06...E40B	LRE07 <input checked="" type="checkbox"/>		
2.5...4 A	E06...E40B	LRE08 <input checked="" type="checkbox"/>		
4...6 A	E06...E40B	LRE10 <input checked="" type="checkbox"/>		
5.5...8 A	E09...E40B	LRE12 <input checked="" type="checkbox"/>		
7...10 A	E09...E40B	LRE14 <input checked="" type="checkbox"/>		
9...13 A	E12...E40B	LRE16 <input checked="" type="checkbox"/>		
12...18 A	E18...E40B	LRE21 <input checked="" type="checkbox"/>		1490
16...24 A	E25...E40B	LRE22 <input checked="" type="checkbox"/>		1740
23...32 A	E25...E40B	LRE32 <input checked="" type="checkbox"/>	2340	
30...38 A	E40B	LRE35 <input checked="" type="checkbox"/>	2600	
17...25 A	E40...E95	LRE322	2970	
23...32 A	E40...E95	LRE353		
30...40 A	E40...E95	LRE355		
37...50 A	E50...E95	LRE357 <input checked="" type="checkbox"/>		
48...65 A	E65...E95	LRE359		
48...65 A	E65...E95	LRE359	3870	

Thermal Protection Adjustment Range	For Use with Contactor	Reference	Unit LP [₹]
<b>LRE</b>			
55...70 A	E80...E95	LRE361	4460
63...80 A	E80...E95	LRE363	4400
80...104 A	E95	LRE365	
51...81 A	E120...E300	LRE480	8640
62...99 A	E120...E300	LRE481	
84...135 A	E120...E300	LRE482	
124...198 A	E160...E300	LRE483	
146...234 A	E200...E300	LRE484	
174...279 A	E250...E300	LRE485	
208...333 A	E300	LRE486	9380
258...414 A	E300...E400	LRE487	11540
321...513 A	E500	LRE488	12510
394...630 A	E630	LRE489	13520

Note: For separate mounting block, for LRE

- For LRE01...LRE35 – terminal block for clip-on Mounting LAEB1 Unit LP: ₹500
- For LRE322...LRE365 – terminal block for clip-on Mounting LAEB3 Unit LP: ₹ 1470

For details on non standard references, technical parameters, accessories, compatibility, stockable and non stockable status please contact Customer Care

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

### Spare Coils

Contactor	Reference	Unit LP [₹]
CAE, LC1E06...E18	LAEX12*	780
LC1E25		
LC1E32/E38	LAEX2*	960
LC1E40/E65	LAEX3*	1420
LC1E80/E95	LAEX4*	1780
LC1E120/E160	LAEX5*	1980
LC1E200/E250	LAEX6*	2770
LC1E300	LAEX7*	3015
LC1E0600*... LC1E1800*	LAEX1T*	900
LC1E2500*... LC1E3800*	LAEX2T*	1075
LC1E4000*...LC1E9500*	LAEX4T*	1900

\* Reference to be completed by adding coil voltage code

* VOLTAGE (V AC)	24	110	220	415
LC1E06..LC1E95	B7	F7	M7	N5
LC1E120..LC1E300	B5	F5	M5	N5
LC1E400..LC1E630	B7	F7	M7	N7
LC1E06..LC1E40B	-	-	M5WB	N5WB

Note:

- Add ₹ 120 while ordering non-standard voltages

### Accessories - For ETVS Contactors

Description	For Use with	Mounting	Contacts	Reference	Unit LP [₹]
Auxiliary Contact Block	LC1E06..E630 & LC1E0600*.. LC1E9500*	Front	1NO+1NC	LAEN11 <input checked="" type="checkbox"/>	240
			2NO	LAEN20 <input checked="" type="checkbox"/>	240
			2NC	LAEN02 <input checked="" type="checkbox"/>	280
			2NO+2NC	LAEN22 <input checked="" type="checkbox"/>	440
			4NO	LAEN40 <input checked="" type="checkbox"/>	440
Star Delta Timer	LC1E25..E630			LAETSD <input checked="" type="checkbox"/>	2000

Description	For Use with	Coil Voltage	Reference	Unit LP [₹]
Surge Suppressor	LC1E06...E95*	24..48 V AC	LAERCE	770
	LC1E06...E95*	50..127 V AC	LAERCG	
	LC1E06...E95*	110..240 V AC	LAERCU	
	LC1E06...E95*	380..415 V AC	LAERCN	

Description	For Use with	Reference	Unit LP [₹]
Mechanical Interlock	LC1E06..E65 & LC1E0600*..E3800*	LAEM1	500
	LC1E80..E95 & LC1E4000*..E9500*	LAEM4	1630
	LC1E120..E160	LAEM5	3040
	LC1E200..E250	LAEM6	3100
	LC1E300..E500	LAEM7	3940
	LC1E630	LAEM8	4200

\*Reference to be completed by adding coil voltage

### 3 Pole Accessories compatibility

Contactor	Built in contacts	LAEN**	LAETSD	LAERC•	LAEM
LC1E06					
LC1E09					
LC1E12		1	-		
LC1E18	1 NO or 1NC				
LC1E25					
LC1E32				1	
LC1E38/LC1E40B					
LC1E40					
LC1E50					
LC1E65		1 or 1			1
LC1E80	1 NO or 1NC				
LC1E95					
LC1E120					
LC1E160					
LC1E200					
LC1E250					
LC1E300					
LC1E400		2 or 0			
LC1E500		1 or 1			
LC1E630					

### 4 Pole Accessories compatibility

Contactor	LAEN**	LAETSD	LAERC•
LC1E06			
LC1E09			
LC1E12	1	-	
LC1E18			
LC1E25			
LC1E32			1
LC1E38			
LC1E40			
LC1E50	1 or 1		
LC1E65			
LC1E80			
LC1E95			

For details on non standard references, technical parameters, accessories, compatibility, stockable and non stockable status please contact Customer Care

## Motor Protection Circuit Breaker - ETVS



- Conformance to IEC60947-1,-2,-4, CE Marking
- Range : 0.1A to 32A
- Short Circuit and Overload Protection
- Breaking Capacity upto 100KA

Breaking Capacity at 415 V 50 Hz	Motor Power AC3**		Thermal Protection Adjustment Range (A)	Reference	Unit MRP [₹]
	kW	hP			
<b>GZ1-E Thermal Magnetic- With Pushbutton control</b>					
100 kA	-	-	0.1 - 0.16	GZ1E01	2450
	0.06	-	0.16 - 0.25	GZ1E02	
	0.09	-	0.25 - 0.40	GZ1E03	
	0.18	-	0.40 - 0.63	GZ1E04	2850
	0.37	0.5	0.63 - 1.0	GZ1E05	2850
	0.55	0.75	1.0 - 1.6	GZ1E06	2800
	0.75	1	1.6 - 2.5	GZ1E07	2800
	1.1	2	2.5 - 4	GZ1E08	2900
	2.2	3	4 - 6.3	GZ1E10	2900
	3	5.5	6 - 10	GZ1E14	3100
10 kA	5.5	7.5	9 - 14	GZ1E16	3500
	7.5	10	13 - 18	GZ1E20	3800
	9	12.5	17 - 23	GZ1E21	4000
	11	15	20 - 25	GZ1E22	4200
	15	20	24 - 32	GZ1E32	7500

## Accessories - ETVS MPCB

Description	Mounting	Contacts	Reference	Unit LP [₹]
Auxillary Contact Block	LH Side Mounted	1NO+1NC	GZ1AN11	820
		2NO	GZ1AN20	1030

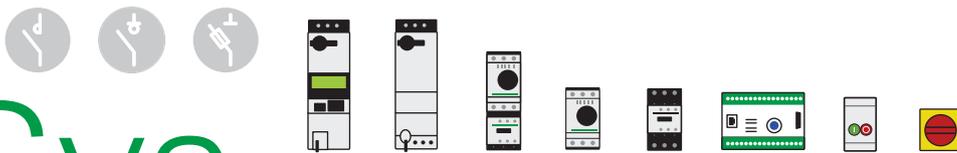
Description	Mounting	Range	Reference	Unit LP [₹]	
<b>Electric Trips</b>					
Undervoltage	RH Side Mounted	110...115 V	50 Hz	GZ1AU115	2230
		220...240 V	50 Hz	GZ1AU225	2230
		380...400 V	50 Hz	GZ1AU385	3080
Shunt trip		110...115 V	50 Hz	GZ1AS115	2230
		220...240 V	50 Hz	GZ1AS225	2230

For details on non standard references, technical parameters, accessories, compatibility, stockable and non stockable status please contact Customer Care

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

# Let TeSys be your drive



## Intuitive solutions to protect, monitor and control your motor

TeSys offers the best in class features you need for protection, safety, monitoring and control of motor and power applications. TeSys matches a diverse range of solutions from the most common through the most advanced.

Wherever you are in the world, and whichever TeSys products you choose like contactors, circuit breakers, thermal relays, among others, you can count on receiving the reliability, standards-compatibility, ease of ordering and installation you need.



### Boosts your productivity

- **Make installation easier**
  - > The widest range of installation accessories available.
  - > Intuitive installation.
- **Optimize the organization of your switchboards**
  - > Compact solutions.
  - > Low heat dissipation.
- **Increase service continuity**
  - > Total coordination.
  - > Communication and preventive maintenance.

### Improves safety

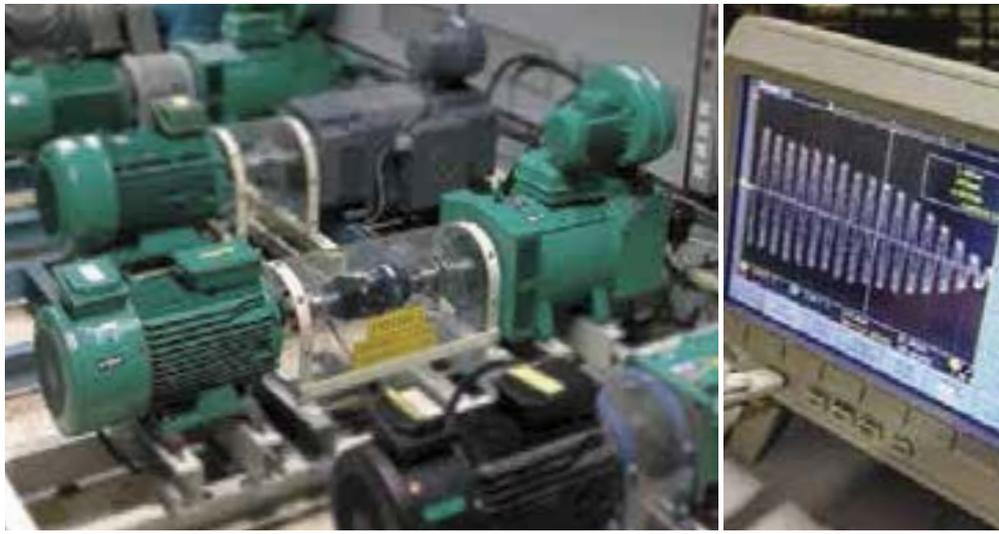
- **Equip your machines with TeSys products**
  - > Integrated safety features.
  - > Compliance with international standards.

### Adapts to any situation

- **Discover a wide range of protection and control products**
  - > The right response for the applications you need.
  - > A solution for each electrical function.
- **Export your machines worldwide**
  - > A single product lineup and identical part numbers worldwide.
- > Multi-standard products IEC/UL/CSA/CCC.

### Simplifies smart installation design

- **Choose the right products quickly and easily**
  - > Motor starters selection software available
  - > [www.schneider-electric.com](http://www.schneider-electric.com)
- **Recommend supervision and control solutions**
  - > Preventive maintenance
  - > Energy management
- **Extend motor lifetime**
  - > High-performance advanced protection
  - > Energy efficiency



## Efficient power for your business

According to new regulations coming into force in the EU, from 1 January 2015 motors from 7.5 kW to 375 kW must be IE3 compliant. **By implementing IE3 motors now, you are preparing for the future.**

With the TeSys range, you know that your operations are ready for premium-efficiency motors. You also benefit directly from lower energy and life-cycle costs as well as a reduced environmental impact.



**-50%**  
CONTACTOR  
POWER  
CONSUMPTION

## Best-in-class solutions for motors

With TeSys you can introduce premium-efficiency motors to your machinery with peace of mind. Tested for magnetic, thermal, and electrical endurance, the TeSys range has proven fully compatible with IE3 motors and ready for a higher peak inrush current.

Best-in-class TeSys products include:

- A complete range of equipment, including contactors, circuit breakers, thermal relays
- Energy efficiency and reduced CO<sup>2</sup> emissions thanks to a low consumption coil
- A high level of safety and reliability thanks to a robust, quality design
- Ease of selection, installation, and maintenance with no need for derating
- Worldwide availability and support



## Go greener with TeSys

All TeSys products are certified with the Green Premium eco-mark, a standard implemented by Schneider Electric to provide comprehensive information on the environmental impact of a product.

The Green Premium mark assures compliance with the most up-to-date environmental regulations, including RoHS and REACH. With TeSys you can develop an effective environmental policy, as the range offers technical support and advice for eco-design projects.



For details on non standard references, technical parameters, accessories, compatibility, stockable and non stockable status please contact Customer Care

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

## Control Relays - K model (AC & DC Control)



- Conformance IEC, UL, CSA, CE Marking
- Inbuilt 4 auxiliary contacts
- 10A thermal rating
- Available with AC (50/60Hz Dual frequency), DC & DC low consumption coil options

No of Poles	AC Control Reference	Unit LP [₹]	DC Control Reference <sup>(4)</sup>	Unit LP [₹]	DC low consumption Reference <sup>(1) (2) (3)</sup>	Unit LP [₹]
2NO + 2NC	CA2KN22*	1100	CA3KN22**	1540	CA4KN22***	1870
3NO + 1NC	CA2KN31*		CA3KN31**		CA4KN31***	
4NO + 0NC	CA2KN40*		CA4KN40***			

(1) Compatible with PLC outputs

(2) Wide range coil (0.7...1.25Uc), suppressor fitted as standard

(3) 2 pole auxiliary contact block can be mounted additionally

(4) Optional in-built surge suppressor available

## Power Contactors - K model (3 Pole AC & DC Control)



- Conformance to IEC, UL, CSA
- Current Rating : 6A to 16 A, AC-3 duty
- 1NO or 1NC inbuilt auxiliary contact
- Available in 3P & 4P version
- Available with AC (50/60Hz Dual frequency), DC & DC low consumption<sup>(5)</sup> coil options

[Ie] Rated Operational Current (A)	Motor Power (kW)	Auxiliary Contacts	AC Control Reference	Unit LP [₹]	DC Control Reference <sup>(5)</sup>	Unit LP [₹]
6	3	1 NC	LC1K0601*	980	LP1K0601**	1450
		1 NO	LC1K0610*		LP1K0610**	
9	5.5	1 NC	LC1K0901*	1020	LP1K0901**	1620
		1 NO	LC1K0910*		LP1K0910**	
12	7.5	1 NC	LC1K1201*	1130	LP1K1201**	1780
		1 NO	LC1K1210*		LP1K1210**	
16	10	1 NC	LC1K1601*	1350	-	-
		1 NO	LC1K1610*		-	-

(5) For low consumption offer, please contact regional sales office

## Reversing Contactors - K model



- Conformance to IEC, UL, CSA, CE
- Current Rating : 6A to 16 A, AC-3 duty
- 1NO or 1NC inbuilt auxiliary contact
- Available in 3P & 4P version
- Available with AC(50/60Hz Dual frequency), DC & DC low consumption<sup>(6)</sup> coil options

[Ie] Rated Operational Current (A)	Motor Power (kW)	Auxiliary Contacts	AC Control Reference	Unit LP [₹]
6	3	1 NC	LC2K0601*	3040
		1 NO	LC2K0610*	
9	5.5	1 NC	LC2K0901*	3210
		1 NO	LC2K0910*	
12	7.5	1 NC	LC2K1201*	3310
		1 NO	LC2K1210*	
16	10	1 NC	LC2K1601*	3710
		1 NO	LC2K1610*	

\* Reference to be completed by adding coil voltage code

(6) For current rating and ref please contact Customer Care

## Coil Voltage Code

Type	Voltage	24	48	72	110	220	415
AC*	CA2KN, LC1-K06 to K16, 50/60Hz	B7	-	-	F7	M7	N7
	LC2-K06 to K16, 50/60Hz	-	-	-	F7	M7	N7
DC**	CA3KN, LP1-K06 to K12	BD	-	-	FD	MD	-
DC low consumption***	CA4KN	BW3	EW3	SW3	-	-	-

**Note:** For ordering contactors with other coil voltages & frequencies, please add ₹ 190/- to the unit Price of the standard contactor of the same rating.

For details on non standard references, technical parameters, accessories, compatibility, stockable and non stockable status please contact Customer Care

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

## Accessories - K Model

Description	Mounting	Contacts	Reference	Unit LP [₹]
Auxiliary contact block	Front	2 NC	LA1KN02	350
		1 NO + 1 NC	LA1KN11 <input checked="" type="checkbox"/>	
		2 NO	LA1KN20	
		4 NC	LA1KN04	550
		1 NO + 3 NC	LA1KN13	
		2 NO + 2 NC	LA1KN22 <input checked="" type="checkbox"/>	
		3 NO + 1 NC	LA1KN31	
				4 NO

Description	Control Voltage	Range	Reference	Unit LP [₹]
On Delay Electronic Timer	24..48 V AC/DC	1..30S	LA2KT2E(1)	1820
	110..240 V AC	1..30S	LA2KT2UA(1)	

Description	Coil Voltage	Reference	Unit LP [₹]
Surge Suppressor - RC Circuit	220..250V AC	LA4KA1U*	560
Surge Suppressor - Varistor	130..250 V AC/DC	LA4KE1UG*	
Surge Suppressor - Varistor	50..129V AC/DC	LA4KE1FC*	

\* Lot size 5

(1) Front mounted with common point changeover contact

## Thermal Overload Relays - K Model (Direct Mounting)



- Conformance to IEC, UL, CSA, CE
- Range : 0.1A to 16A
- Direct & Independent mounting
- Trip class 10A

Thermal Protection Adjustment Range	For Use With	Reference*	Unit LP [₹]
0.11...0.16 A	LC1K, LP1K, LP4K, LP2K, LC2K	LR2K0301	1560
0.16...0.23 A		LR2K0302	
0.23...0.36 A		LR2K0303	
0.36...0.54 A		LR2K0304	
0.54...0.8 A		LR2K0305	
0.8...1.2 A		LR2K0306	
1.2...1.8 A		LR2K0307	
1.8...2.6 A		LR2K0308	
2.6...3.7 A		LR2K0310	
3.7...5.5 A		LR2K0312	
5.5...8 A		LR2K0314	
8...11.5 A		LR2K0316	
10...14 A		LR2K0321	
12...16 A		LR2K0322	

\* **Note:** Terminal Block for Clip-on Mounting LA7K0064 Unit LP ₹ 600/-

For details on non standard references, technical parameters, accessories, compatibility, stockable and non stockable status please contact Customer Care

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

# TeSys D and TeSys K S207: best-in-class contactors for railway applications

Designed to comply with  
railway EN45545 R22HL3 regulation

**Contactors dedicated to main or urban line trains,  
high speed trains, underground trains or trams:  
brake and air conditioning compressors, lighting,  
door control.**

- Complete 3P range from 6A to 95A AC3
- 4P range upto 125A AC1
- Complying with the main international railway standards
- Wide range coil: 0.7...1.25 Uc
- From -25°C to 70°C side by side mounted
- Lug ring terminals
- Compact and modular
- Robust

EN45545  
R22HL3  
standard  
Now available  
from 40A - 95A  
AC3



• TeSys D S207



• TeSys K S207





# TeSys D Green

## The Revolutionary Electronic Coil Contactor



 **Green Premium™**  
Product

**New**  
80A AC3  
offer available  
in 55mm frame



<b>3</b> frame sizes	9 to 18A	25 to 38A	40 to 80A
	24 to 60V	48 to 130V	
<b>4</b> coil ratings	110 to 250V		250 to 500V
	Universal AC/DC coil		
Low consumption offer 40-65A			

-  Reliability - increase machine uptime
-  Efficiency - increase energy efficiency
-  Productivity - easier integration with automation architectures
-  Flexibility - easier design and streamlining of stock

## Control Relays - D model (AC & DC Control)



- Conformance to IEC, UL, CSA
- 5 inbuilt auxiliary contacts, in just 2 variants
- Available with AC (50/60Hz Dual frequency), DC & DC low consumption coil options
- High Operating ambient temperature upto 60 Deg C
- Inbuilt surge suppressor for DC & DC low consumption

No of Poles	AC Control Reference	Unit MRP [₹]	DC Control Reference <sup>(2)</sup>	Unit MRP [₹]	DC low consumption Reference <sup>(1) (2) (3)</sup>	Unit MRP [₹]
3NO+2NC	CAD32*	1200	CAD32**	1750	CAD32***	2080
5NO+0NC	CAD50*		CAD50**		CAD50***	

(1) Compatible with PLC outputs

(2) Wide range coil (0.7...1.25Uc), suppressor fitted as standard

(3) 2 pole auxiliary block can be mounted

## Power Contactors - D Model (3 Pole AC & DC Control)



- Conformance to IEC, UL, CSA
- Current Rating : 9A to 150 A
- Available with AC (50/60Hz Dual frequency), DC & DC low consumption coil options
- High Operating ambient temperature, no derating upto 60 Deg C
- Inbuilt 1 NO + 1 NC auxiliary contacts upto 150A
- High electrical and mechanical life
- Fuse-less Type 2 Coordination Charts available
- EverLink® terminal for 40, 50, 65 & 80A contactors
- Inbuilt surge suppressor in DC coil for 9-80A

[le] Rated Operational Current AC1	AC3 Duty (Long Life)			AC3 Duty (Normal Life)			Auxiliary Contacts	AC Control Reference	Unit MRP [₹]	DC Control Reference <sup>(1)</sup>	Unit MRP [₹]
	kW	hP	A	kW	hP	A					
25	4	5.5	9	5.5	7.5	12	1 NO + 1 NC	LC1D09* <input checked="" type="checkbox"/>	1200	LC1D09** <input checked="" type="checkbox"/>	1870
	5.5	7.5	12	9	12.5	18	1 NO + 1 NC	LC1D12* <input checked="" type="checkbox"/>	1350	LC1D12** <input checked="" type="checkbox"/>	2030
32	9	12.5	18	11	15	25	1 NO + 1 NC	LC1D18* <input checked="" type="checkbox"/>	1500	LC1D18** <input checked="" type="checkbox"/>	2600
40	11	15	25	15	20	32	1 NO + 1 NC	LC1D25* <input checked="" type="checkbox"/>	1950	LC1D25** <input checked="" type="checkbox"/>	3250
50	15	20	32	22	30	40	1 NO + 1 NC	LC1D32* <input checked="" type="checkbox"/>	3850	LC1D32** <input checked="" type="checkbox"/>	6900
	18.5	25	38	-	-	-	1 NO + 1 NC	LC1D38* <input checked="" type="checkbox"/>	5600	LC1D38** <input checked="" type="checkbox"/>	7850
60	22	30	40	-	-	-	1 NO + 1 NC	LC1D40A* <input checked="" type="checkbox"/>	6000	LC1D40A**	9200
80	25	35	50	-	-	-	1 NO + 1 NC	LC1D50A* <input checked="" type="checkbox"/>	7250	LC1D50A**	11500
80	37	50	65	-	-	-	1 NO + 1 NC	LC1D65A* <input checked="" type="checkbox"/>	9900	LC1D65A**	13000
80	37	50	80	-	-	-	1 NO + 1 NC	LC1D80A* <input checked="" type="checkbox"/>	11000	LC1D80A*	15800

[le] Rated Operational Current AC1	AC3 Duty (Long Life)			AC3 Duty (Normal Life)			Auxiliary Contacts	AC Control Reference	Unit LP [₹]	DC Control Reference <sup>(1)</sup>	Unit LP [₹]
	kW	hP	A	kW	hP	A					
125	45	60	80	55	75	105	1 NO + 1 NC	LC1D80* <input checked="" type="checkbox"/>	13000	LC1D80**	16000
	45	60	95	55	75	110	1 NO + 1 NC	LC1D95*	15000	LC1D95**	18500
250	59	80	115	-	-	-	1 NO + 1 NC	LC1D115*	18500	LC1D115**	19500
	80	110	150	-	-	-	1 NO + 1 NC	LC1D150* <input checked="" type="checkbox"/>	24500	LC1D150**	25000

\* Reference to be completed by adding coil voltage code

For details on non standard references, technical parameters, accessories, compatibility, stockable and non stockable status please contact Customer Care

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

# TeSys D

## Power Contactors - D Model (3 Pole DC Low Consumption)

Now available upto 80A with the TeSys D Green Low Consumption offer

[Ie] Rated Operational Current AC1	Motor Power (Long Life) AC3			Motor Power (Normal Life) AC3			Auxiliary Contacts	Reference	Unit LP [₹]
	kW	hP	A	kW	hP	A			
25	4	5.5	9	5.5	7.5	12	1 NO + 1 NC	LC1D09**** <input checked="" type="checkbox"/>	2160
	5.5	7.5	12	9	12.5	18	1 NO + 1 NC	LC1D12**** <input checked="" type="checkbox"/>	2300
32	9	12.5	18	11	15	25	1 NO + 1 NC	LC1D18**** <input checked="" type="checkbox"/>	3400
40	11	15	25	15	20	32	1 NO + 1 NC	LC1D25**** <input checked="" type="checkbox"/>	4400
50	15	20	32	22	30	40	1 NO + 1 NC	LC1D32**** <input checked="" type="checkbox"/>	7500
[Ie] Rated Operational Current AC1	Motor Power (Long Life) AC3			Motor Power (Normal Life) AC3			Auxiliary Contacts	Reference	Unit LP [₹]
	kW	hP	A	kW	hP	A			
60	22	30	40	-	-	-	1 NO + 1 NC	LC1D40A#	9600
80	25	35	50	-	-	-	1 NO + 1 NC	LC1D50A#	11900
80	37	50	65	-	-	-	1 NO + 1 NC	LC1D65A#	13200
80	37	50	80	-	-	-	1 NO + 1 NC	LC1D80A#	15900

\* Reference to be completed by adding coil voltage code

### Coil Voltage Code

Type	Voltage	24	48	72	110	220	415
AC*	CAD, LC1-D09..to D150 50/60 Hz	B7	-	-	F7	M7	N7
DC**	CAD, LC1-D09..D150	BD	-	-	FD	MD	-
DC Low Consumption***	CAD	BL	-	-	FL	ML	-
DC Low Consumption****	LC1D09...D32	BL	EL	SL	-	-	-
TeSys D Green#	LC1D40A-80A	BBE					

For ordering contactors with other coil voltages & frequencies, please add ₹ 190/- to the unit Price of the Standard Contactor for the same rating.

## Tesys D Green Contactor (3 Pole AC/DC Universal Coil)



- Current Rating: 9-65A
- Universal AC/DC coil from 24 - 500V
- Special low consumption offer from 40-80A
- Fuse-less Type 2 coordination charts available

## The Revolutionary Electronic Coil Contactor

[Ie] Rated Operational Current AC1	AC3 Duty (Long Life)			AC3 Duty (Normal Life)			Auxiliary Contacts	Reference	Unit LP [₹]
	kW	hP	A	kW	hP	A			
25	4	5.5	9	5.5	7.5	12	1 NO + 1 NC	LC1D09*	2750
	5.5	7.5	12	9	12.5	18	1 NO + 1 NC	LC1D12*	2880
32	9	12.5	18	11	15	25	1 NO + 1 NC	LC1D18*	3850
40	11	15	25	15	20	32	1 NO + 1 NC	LC1D25*	4550
50	15	20	32	22	30	40	1 NO + 1 NC	LC1D32*	9000
	18.5	25	38	-	-	-	1 NO + 1 NC	LC1D38*	9900
60	22	30	40	-	-	-	1 NO + 1 NC	LC1D40A*	10900
80	25	35	50	-	-	-	1 NO + 1 NC	LC1D50A*	12000
80	37	50	65	-	-	-	1 NO + 1 NC	LC1D65A*	13600
80	37	50	80	-	-	-	1 NO + 1 NC	LC1D80A*	15800

[Ie] Rated Operational Current AC1	AC3 Duty (Long Life)			AC3 Duty (Normal Life)			Auxiliary Contacts	Reference	Unit LP [₹]
	kW	hP	A	kW	hP	A			
60	22	30	40	-	-	-	1 NO + 1 NC	LC1D40A****	9600
80	25	35	50	-	-	-	1 NO + 1 NC	LC1D50A****	11900
80	37	50	65	-	-	-	1 NO + 1 NC	LC1D65A****	13200
80	37	50	80	-	-	-	1 NO + 1 NC	LC1D80A****	15900

### Coil Voltage Code

Type	Voltage	24-60VAC/DC	48-130VAC/DC	100-250VAC/DC	250-415VAC/250-500VDC
AC/DC*	LC1D09 - D38, LC1D40A - 80A	BNE	EHE	KUE	
24V DC Low Consumption**	LC1D40A - 80A	BBE (24 V DC only)			

For details on non standard references, technical parameters, accessories, compatibility, stockable and non stockable status please contact Customer Care

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

## Power Contactors - D Model (4 Pole AC & DC Control)



- Conformance to IEC, UL, CSA
- Current Rating : 20A to 250A, AC1 Rating
- Available with AC (50/60Hz Dual frequency), DC & DC low consumption (1) coil options
- High Operating ambient temperature, no derating upto 60° C

[Ie] Rated Operational Current AC1	Poles Composition	AC control Reference	Unit MRP [₹]	DC control Reference	Unit MRP [₹]
20	4NO	-	-	LC1DT20**	1920
	2NO+2NC	-	-	LC1D098**	2290
25	4NO	-	-	LC1DT25**	2430
	2NO+2NC	-	-	LC1D128**	3210
32	4NO	-	-	LC1DT32**	2890
	2NO+2NC	-	-	LC1D188**	3830
40	4NO	-	-	LC1DT40**	4530
	2NO+2NC	-	-	LC1D258**	5960
60	4NO	-	-	LC1DT60A**	9510
	2NO+2NC	-	-	LP1D40008**	11860

[Ie] Rated Operational Current AC1	Poles Composition	AC control Reference	Unit LP [₹]	DC control Reference	Unit LP [₹]
80	4NO	-	-	LC1DT80A**	14190
	2NO+2NC	-	-	LP1D65008**	16030
125	4NO	-	-	LP1D80004**	17710
	2NO+2NC	-	-	LP1D80008**	20200
250	4NO	LC1D1150046*	23180	LC1D1150046**	25620

\* Reference to be completed by adding coil voltage code

### Coil Voltage Code

	VOLTAGE	24	110	220	415
AC* LC1D115 50/60Hz		-	F7	M7	N7
DC** LC1DT20..LC1DT80* , LC1D09*..LC1D25* , LP1D40..LP1D80* , LC1D115*		BD	FD	MD	-

**Note:** Please contact CCC for 4 Pole Ac coil contactor details

For ordering contactors with other coil voltages & frequencies, please add ₹ 190/- to the unit price of the standard contactor of the same rating.

(1) For current rating and ref please contact Customer Care

## Capacitor Duty Contactors (AC Control)



- Conformance to IEC 60070 and 60831, CSA
- Special Contactors designed for switching of 3 Phase, single or multi step capacitor bank#
- Current limiting using block of early make poles and damping resistors
- Inbuilt auxiliary contacts

Nominal Reactive Power 440 V	Auxiliary Contacts	Reference	Unit MRP [₹]
<b>LC1-D*K - with Damping Resistors &amp; Block of Early Make poles</b>			
12.5 KVAR	1 NO + 2 NC	LC1DFK*	2600
16.7 KVAR	1 NO + 1 NC	LC1DGK11*C	3650
20 KVAR	1 NO + 2 NC	LC1DLK*	4100
25 KVAR	1 NO + 1 NC	LC1DMK11*C	4500
33.3 KVAR	1 NO + 2 NC	LC1DPK*C	9800
40 KVAR	1 NO + 2 NC	LC1DTK*C	13500
60 KVAR	1 NO + 2 NC	LC1DWK*C	15200

#Contactor recommended upto 6 steps. For over 6 steps it is recommended to use chokes

\* Reference to be completed by adding coil voltage code

### \* Coil Voltage Code

VOLTAGE	110	220
LC1DFK...DWK, 50/60Hz	F7	M7

**Note:** For ordering contactors with other coil voltages & frequencies, please add ₹ 190/- to the unit price of the standard contactor of the same rating.

For details on non standard references, technical parameters, accessories, compatibility, stockable and non stockable status please contact Customer Care

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

Description	For use with	Reference	Unit LP [₹]
<b>Power connection accessories</b>			
Terminal block	For supply to one or more GV2 G busbar sets	GV1G09	1350
Set of 63 A busbars for paralleling of contactors	2 contactors LC1 D09...D18 or D25...D38	GV2G245	1010
	4 contactors LC1 D09...D18 or D25...D38	GV2G445	1600
Set of 115 A busbars for paralleling of contactors	2 contactors LC1 D40A...D80A	GV3G264	1820
	3 contactors LC1 D40A...D80A	GV3G364 (1)	970
Set of S-shape busbars	For circuit breakers GV3P** & GV3L** and contactors LC1 D40A...D65A	GV3S	730

\*\*Not applicable for GV3P/GV3L 73A and 80A



GV2G245



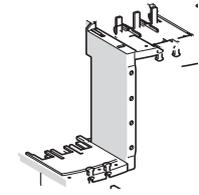
GV1G09

Description	For use with	Reference	Unit LP [₹]
<b>Mechanical interlock</b>	LC1 D09 to D38 (1)	LAD9V2	480
	LC1 D40A to D65A (1)	LAD4CM	980
	LC1 D80 and D95 ( for AC control voltage) (2)	LA9D4002	2140
	LC1 D80 and D95 (for DC control voltage) (2)	LA9D8002	3200
	LC1 D115 and D150 (2)	LA9D11502	3240

(1) With this set of busbars, any one contactor can be supplied directly by its EverLink® double cage power terminal block.

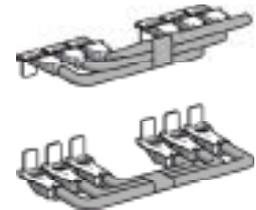
The other two contactors are supplied by the busbar set. The 115 A limitation is therefore applied to these two contactors.

(2) With electrical interlock



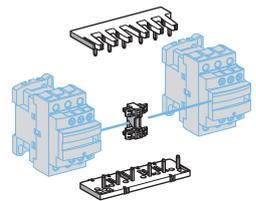
GV3S

Description	For use with	Reference	Unit LP [₹]
<b>Power Connection for Reversing</b>			
Kit Comprising : 1. a set of parallel bars 2. a set of reverser bars.	LC1 D09 to D38	LAD9V5 + LAD9V6	400+500
	LC1 D40A to D80A	LA9D65A69	2080
	LC1 D80 and D95 ( for AC control voltage)	LA9D8069	4460
	LC1 D80 and D95 (for DC control voltage)	LA9D8069	4460
	LC1 D115 and D150	LA9D11569	7420



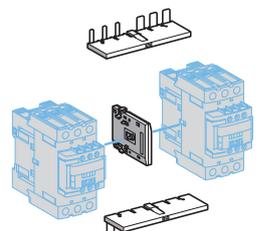
LA9 D8069

Description	For use with	Reference	Unit LP [₹]
<b>Reversing Kit</b>			
Kit Comprising : 1. A mechanical interlock LAD 9V2 with electrical interlocking LAD 9V1 2. A set of power connections LAD 9V5 (parallel) and LAD 9V6 (reversing).	LC1 D09 to D38	LAD9R1V	1000
Kit Comprising : 1. A mechanical interlock LAD 9V2 without electrical interlocking 2. A set of power connections LAD 9V5 (parallel) and LAD 9V6 (reversing).	LC1 D09 TO D38	LAD9R1	760
Kit Comprising : 1. a mechanical interlock LAD 4CM 2. a set of power connections LA9 D65A69.	LC1 D40A TO D80A	LAD9R3	2380



LAD9R1

Description	For use with	Reference	Unit LP [₹]
<b>Star Delta Kit</b>			
Time delay contact block LAD S2 (LC1 D09...D80),	LC1 D09 and D12	LAD91217	3760
Power circuit connections (LC1 D09...D80),	LC1 D18 to D32	LAD93217	4840
Hardware required for fixing the contactors onto the mounting plate (LC1D80)	LC1 D40A AND D50A	LAD9SD3	9780
	LC1 D80	LA9D8017	10860



LAD9R3



LAD91217



LAD9SD3



LA9D8017

For details on non standard references, technical parameters, accessories, compatibility, stockable and non stockable status please contact Customer Care

✓ NORMAL STOCK ITEMS

W.E.F. March 12, 2018

Description	Time Delay Range	Timer Type	Reference	Unit LP [₹]
On delay timer <sup>(1)(2)</sup>	15...30 s	On delay	LA4DT2U	2800
On delay timer <sup>(1)(2)</sup>	0.1...2 s	On delay	LA4DT0U	
On delay timer <sup>(1)(2)</sup>	25...500 s	On delay	LA4DT4U	
Relay interface module - 24V DC <sup>(1)(2)</sup>	-	-	LA4DFB	2580

(1) For LC1 D09...38A (3P, AC coils only) add mounting adaptor LAD4BB = ₹ 590/- and for LC1 D40A...65A (3P, AC coils only), add mounting adaptor LAD4BB3 = ₹ 500/-.

(2) For LC1D80...150 (3P), direct mounting, for 100-250 V AC Coils only.

Mounting Location	For Use With Contactor	Reference	Unit LP [₹]
<b>For D Model Mechanical Latch Blocks</b>			
Front, Clip-on	LC1 D09...D38 (a or c) LC1 DT20...DT40 (a or c) LC1 D40A...D65A (3P a or c) LC1DT60A AND DT80A (4P a or c)	LAD6K10*	3370
	LC1 D80...D150 (3P a) LC1 D80 AND D115 (3 P c) LC1 D80 (4 P a) LC1 D80 AND D115 (4 P a) LP1 D80 AND LC1 D115 (4 P c)	LA6DK20*	3520

\* Reference to be completed by adding coil voltage code

Note: For ordering Mechanical Latch Block with other coil voltages, please add ₹ 190/- to the unit price of the standard reference

#### \*Coil Voltage Code

VOLTAGE (AC/DC)	24	42/48	110/127	220/240	380/415
Code	B	E	F	M	Q

## Spare coils D model

Product Compatibility	Reference	Unit LP [₹]
<b>AC Coils</b>		
CAD, LC1-D09...D38, DT20..40	LXD1*	870
LC1D40A, D50A, D65A & LC1DT60A, DT80A	LXD3*	2340
D80 & D95 (3P & 4P)	LX1D6*	2430
LC1-D115,D150	LX1D8*	4770
<b>DC Coils</b>		
LC1-D80-D95	LX4D7**	7340
LC1-D115, D150	LX4D8**	8070

**Note:** For ordering coils with other voltages and frequencies, please add ₹ 190/- to the unit price of the respective standard coil.

\* Reference to be completed by adding coil voltage code

#### Coil Voltage Code

TYPE	VOLTAGE (V)	24	110	220	415
AC*	CAD, LC1-D09...D38, DT20..40, LC1 - D150, LC1D40A, D50A, D65A & LC1DT60A, DT80A, LC1D150 LC1D80, D95, D115	B7	F7	M7	N7

For details on non standard references, technical parameters, accessories, compatibility, stockable and non stockable status please contact Customer Care

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

## Accessories - D Model

Description	For use with	Contacts	Reference	Unit LP [₹]	
<b>Add On Blocks</b>					
Additional instantaneous auxiliary contact blocks	LC1D09 ...LC1D150 & LC1F*	Front Mounted	1 NO+1NC	LADN11	330
			2 NO	LADN20 <input checked="" type="checkbox"/>	330
			2 NC	LADN02	390
			2 NO+2NC	LADN22 <input checked="" type="checkbox"/>	580
			4 NC	LADN04	650
			4 NO	LADN40 <input checked="" type="checkbox"/>	580
			1 NO+3NC	LADN13	580
	3 NO+1NC	LADN31 <input checked="" type="checkbox"/>	580		
	LC1D80..LC1D95 & LC1F	Front Mounted	1 NO	LADN10	210
			1 NC	LADN01	210

Description	Contacts	Reference	Unit LP [₹]	
<b>Add On Blocks</b>				
Additional instantaneous auxiliary contact blocks	Side Mounted <sup>(1)</sup>	1 NO+1NC 2 NO	LAD8N11 LAD8N20	940 940
Pneumatic timer blocks front mounted	ON delay	1 NO+1NC 0.1..3s	LADT0	2330
		1 NO+1NC 0.1..30s	LADT2	2330
		1 NO+1NC 10..180s	LADT4	2330
		1 NO+1NC 1..30s <sup>(2)</sup>	LADS2 <input checked="" type="checkbox"/>	2480
	OFF delay	1 NO+1NC 0.1 ..3s	LADR0	2330
		1 NO+1NC 0.1 ..30s	LADR2 <input checked="" type="checkbox"/>	2330
		1 NO+1NC 10..180s	LADR4	2330
Set of shims to be used with 4 pole contactors		LA9D511	910	

(1) Suitable for mounting on D Model range AC Coil Contactors and Control Relays only

(2) With Switching time of 40 ms between opening of the NC contact and closing of the NO contact recommended for Star - Delta Starters

## Accessories compatibility

Contactors		Instantaneous auxiliary contacts					Time delay Front mounted
Type	Number of poles and size	Side mounted	Front mounted				
			1 contact	2 contact	4 contacts		
AC & AC/DC	3P	LC1 D09...D38	1 on LH side	and -	1	or 1	or 1
		LC1 D40A...D80A	1 on LH or 1 on RH side	and -	1	or 1	or 1
		LC1 D80 and D95A (50/60 Hz)	1 on each side	or 2	and 1	or 1	or 1
		LC1 D80 and D95A (50 or 60 Hz)	1 on each side	and 2	and 2	or 1	or 1
		LC1 D115 and D150	1 on LH side	and -	1	or 1	or 1
	4P	LC1 DT20...DT40	1 on LH side	and -	1	or 1	or 1
		LC1 DT60A and DT80A	1 on LH or 1 on RH side	and -	1	or 1	or 1
		LC1 D40008, D65008 and D80	1 on each side	or 1	or 1	or 1	or 1
		LC1 D115	1 on each side	and 1	or 1	or 1	or 1
		LC1 D09...D38	-	-	1	or 1	or 1
DC	3P	LC1 D40A...D80A	-	-	1	or 1	or 1
		LC1 D80 and D95	-	1	or 1	or 1	or 1
		LC1 D115 and D150	1 on LH side	and -	1	or 1	or 1
	4P	LC1 DT20...DT40	-	-	1	or 1	or 1
		LC1 DT60A and DT80A	-	-	1	or 1	or 1
LC (3)	3P	LC1 D09...D38	-	-	1	-	-
	4P	LC1 DT20...DT40	-	-	1	-	-

(3) LC : Low consumption

For details on non standard references, technical parameters, accessories, compatibility, stockable and non stockable status please contact Customer Care

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

## Accessories for TeSys D

Description	For Use With	Reference	Unit LP [₹]
<b>For Contactor D115/150</b>			
Arc chamber - 3P	LC1D115	LA5D11550	4190
Arc chamber - 3P	LC1D150	LA5D15050	4190
Contacts set - 3P	LC1D115	LA5D1158031	11050
Contacts set - 3P	LC1D150	LA5D150803	11460
Contacts set - 4P	LC1D1150046	LA5D115804	15240

Product Compatibility	Fixing	Control Circuit Voltage	Suppressor Type	Reference	Unit LP [₹]
<b>Coil Suppressor Modules</b>					
LC1-D12...D25 (4P)	Clip-on	24...48 V AC	RC Circuit AC	LA4DA1E	860
LC1-D12...D25 (4P)		110...240 V AC	RC Circuit AC	LA4DA1U	860
LC1-D12 & D25 (4P)		12...250 V DC	Diode DC	LA4DC1U	860
LC1-D12...D25 (4P)		24...48 V AC/DC	Varistor AC/DC	LA4DE1E	860
-		110...250 V AC/DC	Varistor AC/DC	LA4DE1U	860
LC1D09...D38, LC2D09...D38, LC1DT20...DT40, LC2DT20...DT40 (3P)		24...48 V AC	Varistor AC/DC	LAD4VE	830
		24...48 V AC 400 Hz	RC Circuit AC	LAD4RCE	830
		50...127 V AC 200 Hz	RC Circuit AC	LAD4RCG	750
CAD		110...240 V AC 100 Hz	RC Circuit AC	LAD4RCU <input checked="" type="checkbox"/>	830
		110...250 V AC	Varistor AC/DC	LAD4VU	
LC1D80, LC1D95, LC2D80, LC2D95 (3P) LC2D80 (4P), LC1D40008, LC1D65008	Screw	24...250 V DC	Diode DC	LA4DC3U	860
LC1D80...D115, LC2D80...D115 (3P) LC1D80...D115, LC2D80...D115 (4P)		24...48 V AC	Varistor AC/DC	LA4DE2E	820
		110...250 V AC	Varistor AC/DC	LA4DE2U	820
		24...48 V AC 400 Hz	RC Circuit AC	LA4DA2E	820
		50...127 V AC 200 Hz	RC Circuit AC	LA4DA2G	1300
		110...240 V AC 100 Hz	RC Circuit AC	LA4DA2U	860
		380...415 V AC 150 Hz	RC Circuit AC	LA4DA2N	1300
		24...48 V DC	Varistor AC/DC	LA4DE3E	860
		110...250 V DC	Varistor AC/DC	LA4DE3U	820

For details on non standard references, technical parameters, accessories, compatibility, stockable and non stockable status please contact Customer Care

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

## Modular marking system simplifies identification of standard contactors in the control panel to enhance visibility of the safety chain

### Simple, customisable modular marking system

#### Standard TeSys D contactors

Easy-to-attach covers:



Auxiliary blocks for more contact points:



Flexibility to customise contactors included in the safety chain during panel building



Simpler and faster maintenance with 100% visibility



Safety covers and auxiliary blocks prevent screwdriver contact with poles

#### Standard TeSys U motor starters

Translucent labels to identify safety-chain devices:



### Complete safety-chain identification system

#### TeSys D range

Retrofit contactor safety covers



LAD9ET1S  
9A up to 65 A



LAD9ET3S  
80A to 95A



LAD9ET4S  
110A to 150A



LADN22S  
2NO + 2NC

Also available for CAD32/CAD50

#### TeSys U range

Retrofit identification label



LU9ET1S

### Built in Safety

TeSys U motor starters are certified according to IEC 60947-4-1 for safety applications thanks to integrated mirror contact

Description	For Use with	Reference	Unit LP [₹]
Red cover (for safety chain indication)	LC1 D09...D80A and DT20...DT80A	LAD9ET1S	460
	LC1 D80 and D95	LAD9ET3S	
	LC1 D115 AND D150	LAD9ET4S	
Auxiliary Contact Block With red front face - for safety chain indication	2NO+2NC	LADN22S	660

For details on non standard references, technical parameters, accessories, compatibility, stockable and non stockable status please contact Customer Care

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

# Overload relays for Motor Safety

New TeSys LR9D electronic overload relays  
provide motor safety tailored to your needs



## Thermal Overload Relays - D Model



- Conformance to IEC, UL, CSA
- Range : 0.1A to 104 A
- Higher operating temperature
- Tripping class 10A & 20A available
- Direct mounting on contactor is possible upto 95A

## Electronic Overload Relay - D Model



- Conformance to IEC, UL, CSA
- Range : 0.1A to 110A
- 5:1 Adjustment range
- High Operating Temperature
- Field selectable tripping class : 5, 10, 20 & 30
- Type 1 & type 2 Coordination chart available

Thermal Protection Adjustment Range	For Use With	Reference*	Unit MRP [₹]
<b>LRD Model (Direct Mounting)</b>			
0.1...0.16 A		LRD01	1580
0.16...0.25 A		LRD02	
0.25...0.4 A		LRD03	
0.4...0.63 A		LRD04	
0.63...1 A		LRD05 <input checked="" type="checkbox"/>	
1...1.6 A	GV2L03, LE03,	LRD06 <input checked="" type="checkbox"/>	
1.6...2.5 A	LC1D09...LC1D38	LRD07 <input checked="" type="checkbox"/>	
2.5...4 A		LRD08 <input checked="" type="checkbox"/>	
4...6 A		LRD10 <input checked="" type="checkbox"/>	
5.5...8 A		LRD12 <input checked="" type="checkbox"/>	
7...10 A		LRD14 <input checked="" type="checkbox"/>	1750
9...13 A		LRD16 <input checked="" type="checkbox"/>	
12...18 A		LRD21 <input checked="" type="checkbox"/>	1800
16...24 A	GV2L22, LC1D25...D38	LRD22 <input checked="" type="checkbox"/>	1800
23...32 A	LC1D25...LC1D38, LC1D32	LRD32 <input checked="" type="checkbox"/>	2950
30...38 A	LC1D32, LC1D38	LRD35	
23...32 A	LC1D40A...D65A	LRD332	3250
30...40 A	LC1D80...LC1D95	LRD3353	
30...40 A	LC1D40A...D65A	LRD340	
30...40 A	LC1D80...LC1D95	LRD3355	
37...50 A	LC1D40A...D65A	LRD350 <input checked="" type="checkbox"/>	4200
	LC1D80...LC1D95	LRD3357	4900
48...65 A	LC1D40A...D65A	LRD365	5300
62...80 A	LC1D80A	LRD380	5780
48...65 A	LC1D80...LC1D95	LRD3359	5300

Thermal Protection Adjustment Range	For Use With	Reference*	Unit LP [₹]
<b>LRD Model (Direct Mounting)</b>			
63...80 A	LC1D80...LC1D95	LRD3363	5900
80...104 A	LC1D80, LC1D95	LRD3365	7500

### Note:

- For LRD01...LRD35 - Terminal Block for clip-on Mounting LAD7B106  
Unit LP: ₹ 560/-
- For LRD33\*\* - Terminal Block for clip-on Mounting LA7D3064   
Unit LP: ₹ 1650/-
- For LRD332, LRD340, LRD350 & LRD365 - Connection block for separate mounting LAD96560 Unit LP: ₹ 1380/-
- The LRD relays can be used for AC or DC current up to 104 Amps
- For long starting, Class 20 relays are available on request.
- Device for remote tripping and electrical reset is available on request.

Current Range	For Use With	Reference*	Unit MRP [₹]
0.1...0.5A		LR9D01	6970
0.4...2.0A	LC1D09 - 38A	LR9D02	7290
1.6...8.0A	Direct Mounting	LR9D08	7290
6.4...32A		LR9D32	8360
22...110A	Separate Mounting	LR9D110S	12780

Note: For LR9D01 to LR9D32 - Terminal Block for Clip on Mounting LAD7B205. **Unit LP ₹. 700**

# A perfect fit for power switching



## TeSys F 1250 to 2600 A

Designed for demanding power switching applications. The complete, robust TeSys™ F range keeps pace with demanding AC1 applications in wind power, solar and more.

- Optimised size for reduced panel space
- Proven reliability & high electrical durability
- Wide operating temperature range: up to 60°C
- Type 1 & 2 coordination with Masterpact™ ACB
- Shared accessories with entire TeSys F range
- Drawer-mounted coils allow easy maintenance



Introducing the specially designed LC1SF1200\* Contactor for solar PV applications

## Power Contactors - F Model (3 Pole AC/DC Control)



- Conformity to International Standards – IEC, UL, CSA, CE
- High electrical life
- Type 2 Coordination Charts available
- Common accessories as Model D
- Rating : 115 - 2600 A, AC/DC Coils, special Hoisting application coils
- Shock Proof version and Magnetic latching contactor available

[Ie] Rated Operational Current AC1	Motor Power (Long Life) kW	Motor Power (Long Life) hP	AC3 A	Motor Power (Normal Life) kW	Motor Power (Normal Life) hP	AC3 A	Reference	Unit LP [₹]
200	59	80	115	80	110	150	LC1F115	15650
250	80	110	150	100	135	185	LC1F150	21500
275	100	135	185	110	150	205	LC1F185	25400
315	110	150	225	140	190	265	LC1F225	28300
350	140	190	265	160	220	300	LC1F265	33500
400	180	245	330	220	300	400	LC1F330	41000
500	220	300	400	250	340	450	LC1F400	45000
700	280	380	500	375	500	630	LC1F500	64000
1000	375	500	630	450	610	800	LC1F630	110200
1000	450	610	800				LC1F800	172000
1250	630	840	1000				LC1F1000	on Request

Note:

- Contactor reference does not include coil. Contactor coil & aux. contacts to be ordered separately.(Coil includes 1 NO contact)
- Please select coils from below table separately.

## Power Contactors - F Model (2 Pole & 4 Pole AC/DC Control)



- Conformity to International Standards – IEC, UL, CSA
- 2 and 4 pole versions available
- 240-1600 Amps in AC-1 duty , AC/DC coils
- Common accessories same as Model D
- High electrical life

[Ie] Rated Operational Current AC1	Power Pole Composition	Reference	Unit LP [₹]
200 A	4 NO	LC1F1154	26800
250 A	4 NO	LC1F1504	32590
275 A	4 NO	LC1F1854	40630
315 A	4 NO	LC1F2254	47950
350 A	4 NO	LC1F2654	53560
400 A	4 NO	LC1F3304	63660
500 A	2 NO	LC1F4002	45130
500 A	4 NO	LC1F4004	75090
700 A	2 NO	LC1F5002	66410
700 A	4 NO	LC1F5004	109640
1000 A	2 NO	LC1F6302	107830
1000 A	4 NO	LC1F6304	159350
1600 A	4 NO	LC1F7804	340060

Note:

- Contactor reference does not include coil. Contactor coil & aux. contacts to be ordered separately.(Coil includes 1 NO contact)
- Power terminals may be protected by the addition of shrouds, to be ordered separately.

[Ie] Rated Operational Current AC1	Reference	Unit LP [₹]
1250	LC1F1250	on Request
1700	LC1F1700	
2100	LC1F2100(1)	
2600	LC1F2600(2)	

- (1) With set of right-angled connectors LA9 F2100
- (2) with set of right-angled connectors LA9 F2600

For details on non standard references, technical parameters, accessories, compatibility, stockable and non stockable status please contact Customer Care

## Coils F Model

Product compatibility	AC Coil Reference	Unit LP [₹]	DC Coil Reference <sup>(2)</sup>	Unit LP [₹]
LC1F115, LC1F150	LX9FF*	3250	LX4FF**	7250
LC1F185, LC1F225	LX9FG*	4500	LX4FG**	9650
LC1F265, LC1F330	LX1FH*	5600	LX4FH**	11750
LC1F400	LX1FJ*	11900	LX4FJ**	18600
LC1F500	LX1FK*	14200	LX4FK**	19200
LC1F630	LX1FL*	15700	LX4FL**	19900
LC1F780	LX1FX* (3)	37910	LX4FX** (3)	39820
LC1F800	(1)	-	LX4F8**	26900
LC1F1000, LC1F1700, LC1F2100	LX1FK*(3)	14200		
LC1F2600	LX1FL*(3)	15700		

## Coil Voltage Code

Type	Voltage (V)	24	110	220	415
AC*	LC1F115--F225, LC1F400-630	-	110	220	415
	LC1F265, LC1F330	-	1102	2202	3802
	LC1F1000	-	55	110	220
	LC1F1700, 2100, 2600	-	65	110	220
DC**	LC1F115--LC1F330	24	110	220	-
	LC1F400--LC1F780	-	110	220	
	LC1F800	-	FW	MW	

**Note:** For ordering coils with other voltages and frequencies, please add ₹ 190/- to the unit Price of the respective standard coil.

## Vacuum Contactors (3 Pole AC Control)

[Ie] Rated Operational Current		Motor Power		Auxiliary Contacts	Reference	Unit LP [₹]
AC1	AC3	kW	hP			
160 A	160 A	75	100	2 NO + 1 NC	LC1V160*	97010
320 A	320 A	160	213	1 NO + 1 NC	LC1V320*	130270
630 A	610 A	300	400	1 NO + 1 NC	LC1V610*	233660

### \* Coil Voltage Code

VOLTAGE	110-120	220-240	380-415	440-480	550-600
Code	FE7	P7	V7	R7	X7

**Note:** Accessories for Vacuum Contactors available on request, please contact our Sales Office.

Please replace ( \* ) with the Corresponding Control Voltage.

(1) Use rectifier with required DC coil (Ref: DR5TE4U) LP ₹ 8940/-

(2) Coil with suppressor fitted as standard.

(3) Set of two coils to be connected in series.

## Bar contactors



### General Purpose offer

#### LC1B Range for standard applications

- From 750A to 1800A AC3
- From 800A to 2750A AC1

#### CR1B Magnetic latching contactors - 1000V

- From 750A to 1800A AC3
- From 800 to 2750A AC1

#### Special range of configurable bar contactors for Photovoltaic applications

- CV3BJ, for voltages between 1000 and 1500V DC
- Complete range of configurable bar contactors CV1\*, CV3\*

Special purpose offers for induction furnaces, DC excitation circuits of synchronous motors etc.

For details on non standard references, technical parameters, accessories, compatibility, stockable and non stockable status please contact Customer Care

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

## Accessories - D and F Model

Description	For use with	Contacts	Reference	Unit LP [₹]	
<b>Add On Blocks</b>					
Additional instantaneous auxiliary contact blocks	LC1D09 ...LC1D150 & LC1F	Front Mounted	1 NO+1NC	LADN11	330
			2 NO	LADN20	
			2 NC	LADN02	390
			2 NO+2NC	LADN22	580
			4 NC	LADN04	650
	LC1D80..LC1D95 & LC1F		4 NO	LADN40	580
			1 NO+3NC	LADN13	
			3 NO+1NC	LADN31	210
			1 NO	LADN10	
			1 NC	LADN01	

Description		Contacts	Reference	Unit LP [₹]
<b>Add On Blocks</b>				
Additional instantaneous auxiliary contact blocks	Side Mounted <sup>(1)</sup>	1 NO+1NC	LAD8N11	940
		2 NO	LAD8N20	
Pneumatic timer blocks front mounted	ON delay	1 NO+1NC 0.1..3s	LADT0	2330
		1 NO+1NC 0.1..30s	LADT2	
		1 NO+1NC 10..180s	LADT4	
	OFF delay	1 NO+1NC 1..30s <sup>(2)</sup>	LADS2 <input checked="" type="checkbox"/>	2480
		1 NO+1NC 0.1 ..3s	LADR0	2330
		1 NO+1NC 0.1 ..30s	LADR2 <input checked="" type="checkbox"/>	
		1 NO+1NC 10..180s	LADR4	

(1) Suitable for mounting on D Model range AC Coil Contactors and Control Relays only

(2) With Switching time of 40 ms between opening of the NC contact and closing of the NO contact recommended for Star - Delta Starters

\* Suitable for 80A, 95A & Model F contactors only

For Use With Contactor	Reference	Unit LP [₹]
<b>Mechanical Interlocks <sup>(1)</sup> - Horizontally Mounted</b>		
LC1F115, LC1F150, LC1F1154, LC1F1504	LA9FF970	3080
LC1F185, LC1F1854, LC1F225, LC1F2254	LA9FG970	3560
LC1F265, LC1F330, LC1F400, LC1F500, LC1F2654, LC1F3304, LC1F4004, LC1F5004	LA9FJ970	3990
LC1F630, LC1F6304, LC1F800	LA9FL970	4440

(1) For assembly of 3/4 pole 2 contactors of identical rating. To obtain electrical interlocking, please order 2 contact blocks LADN11  
All power connections are to be made by the user.

Main Contact Sets*	Reference	Unit LP [₹]
LC1F115, LC1F150	LA5FF431 <input checked="" type="checkbox"/>	16340
LC1F185, LC1F225	LA5FG431	23610
LC1F265	LA5FH431	31100
LC1F330, LC1F400	LA5F400803	37710
LC1F500	LA5F500803	48510
LC1F630	LA5F630803	77160
LC1F800	LA5F800803	96890

\* For 3 Pole contactor (per pole: 2 fixed contacts and 1 moving contact, 2 deflectors, 1 backplate, fixing screws & washers.)

Description	For use with	110 V Reference	220 V Reference	Unit LP [₹]
<b>Suppressor Blocks</b>				
suppressor module clip on	All AC ratings	LA4FRCF	LA4FRCP	4150
suppressor bracket	For all LA4F	LA9D09981		430

For details on non standard references, technical parameters, accessories, compatibility, stockable and non stockable status please contact Customer Care

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

Product compatibility	110V Reference	220/230V Reference	415/440V Reference	Unit LP [₹]
<b>Hoisting Applications - AC Coils</b>				
LC1F265, LC1F330	LX9FH1102	LX9FH2202	-	16220
LC1F400	LX9FJ925	LX9FJ931	LX9FJ937	20030
LC1F500	LX9FK925	LX9FK931	LX9FK937	On request
LC1F630	LX9FL924	LX9FL931	LX9FL936	24610

**Note:** Rectifier is a must with the coil. Ref no. DR5TE4U for 110..230V & DR5TE4S\* for 415..440V , LP ₹ 8940/- needs to be added extra with coil.

Product compatibility	48V Reference	110V Reference	220V Reference	440/460 V Reference	Unit LP [₹]
<b>Hoisting Applications - DC Coils</b>					
LC1F400	LX9FJ918	LX9FJ926	LX9FJ932	LX9FJ938	23980
LC1F500	LX9FK918	LX9FK926	LX9FK932	LX9FK938	25650
LC1F630	LX9FL918	LX9FL926	LX9FL931	LX9FL937	24610

**Note:**

- Resistor is a must with every coil as per the quantity mentioned.
- Economy Resistor to be selected from below table as per coil voltage code**

Contactor	110 V Reference	220 V Reference	440/460 V Reference	Unit LP [₹]
<b>Economy Resistor</b>				
• To be used with hoisting application DC coil				
LC1F400	1 X DR2SC0047	1 X DR2SC1200	1 X DR2SC4700	3090
LC1F500	1 X DR2SC0039	1 X DR2SC1000	1 X DR2SC3300	3090
LC1F630	2 X DR2SC0047	2 X DR2SC0047	2 X DR2SC3900	3090

## Electronic Relays



- Conformity to International Standards – IEC, UL, CSA
- Direct mounting on contactors is possible upto 630A
- Higher operating temperature
- Tripping class 10

Thermal Protection Adjustment Range	Reference	Unit LP [₹]
<b>LR9-F Electronic Protection Relays</b>		
90...150 A	LR9F5369 <input checked="" type="checkbox"/>	9800
132...220 A	LR9F5371	13010
200...330 A	LR9F7375	11540
300...500 A	LR9F7379	15020
380...630 A	LR9F7381	16020

## Accessories

Description	For Use With	Relay Type	Reference	Unit LP [₹]
<b>For LR9 - F Relay</b>				
Mounting plate LA7F		LR9-F5369	LA7F901	2900
		LR9-F5371		
		LR9-F7375	LA7F902	3900
		LR9-F7379		
		LR9-F7381		
<b>Connection Accessories</b>				
LA7F busbar	LC1F115	LR9-F5369	LA7F401	1960
	LC1F225/265	LR9-F5371	LA7F403	2820
	LC1F225-400	LR9-F7375	LA7F404	3010
		LR9-F7379		
		LR9-F7381		
	LC1F500	LR9-F7381	LA7F405	3560
LC1F630/800	LR9-F7381	LA7F406	3810	

For details on non standard references, technical parameters, accessories, compatibility, stockable and non stockable status please contact Customer Care

# Lineryg

Lineryg is tailored for your flexible panel needs (changes right up to the last minute)

Because Lineryg is:

Flexible



Safer



Reliable



**Lineryg BZ**  
Power Busbars

- > Quick connection plates for Compact and TeSys offers
- > Multi-standard offering up to 630 A

**Lineryg HK**  
"Hot Plug" Distribution

- > Panel easily upgradeable
- > Reliable "hot plug" modification or upgrade
- > Multi-standard system of up to 160 A

**Lineryg FT**  
Device Feeders

- > Optimised productivity and efficiency of your control panel
- > Easy to install
- > High reliability

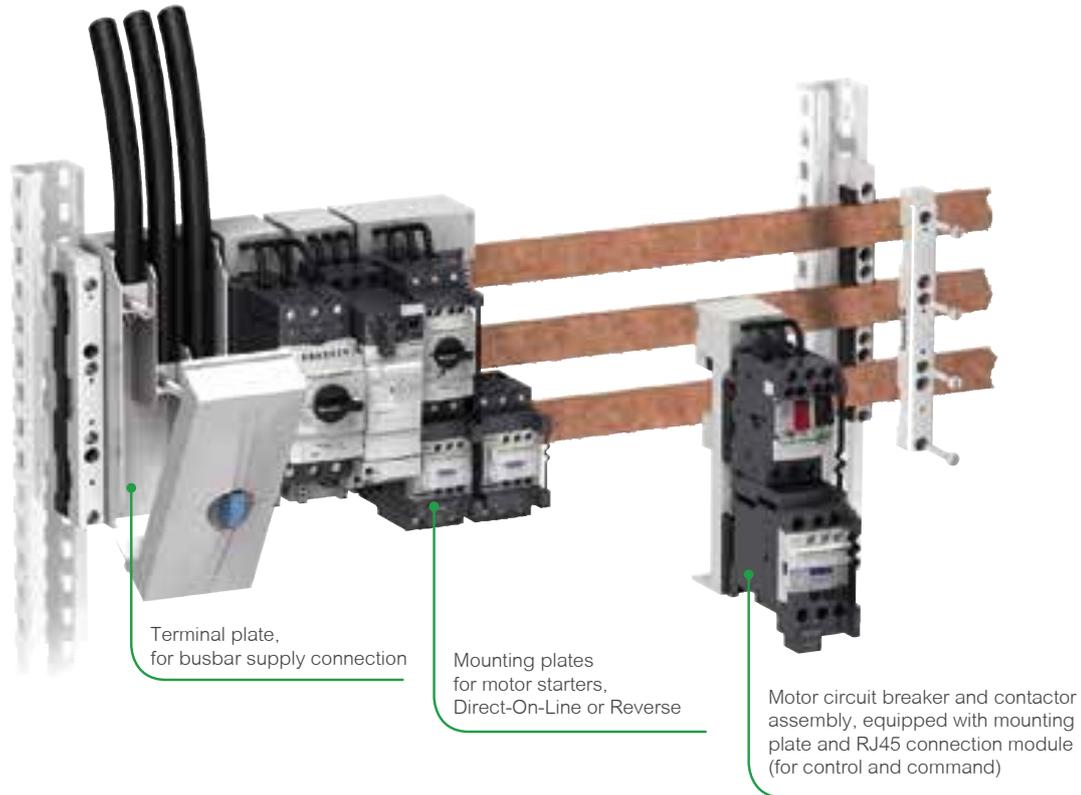
- > Quick Installation
- > Multi Standard Offer
- > Intuitive Solution

For details on non standard references, technical parameters, accessories, compatibility, stockable and non stockable status please contact Customer Care

# Lineryg BZ

Lineryg BZ, Multistandard power busbar system,  
Application: power distribution to motor starters

In control switchboards, when space saving, quick mounting and replacement are required



## Advantages

- Considerable space saving: components are directly mounted on the busbar
- Large choice of mounting plates (for GV2, GV3 motor circuit breakers and assemblies, GV7, TeSys U)
- Quick connection, disconnection (power off): clip-on mounting plates
- Vibration resistant busbar connections: no periodical re-tightening required

### Detailed view: back face of a motor starter mounting plate

- A reliable electrical contact is ensured by copper blades
- The blue part locks the mounting plate on the busbar, compatibility is provided with standard profiles:
  - v Height 12, 15, 20, 25 or 30 mm,
  - v Width 5 or 10 mm

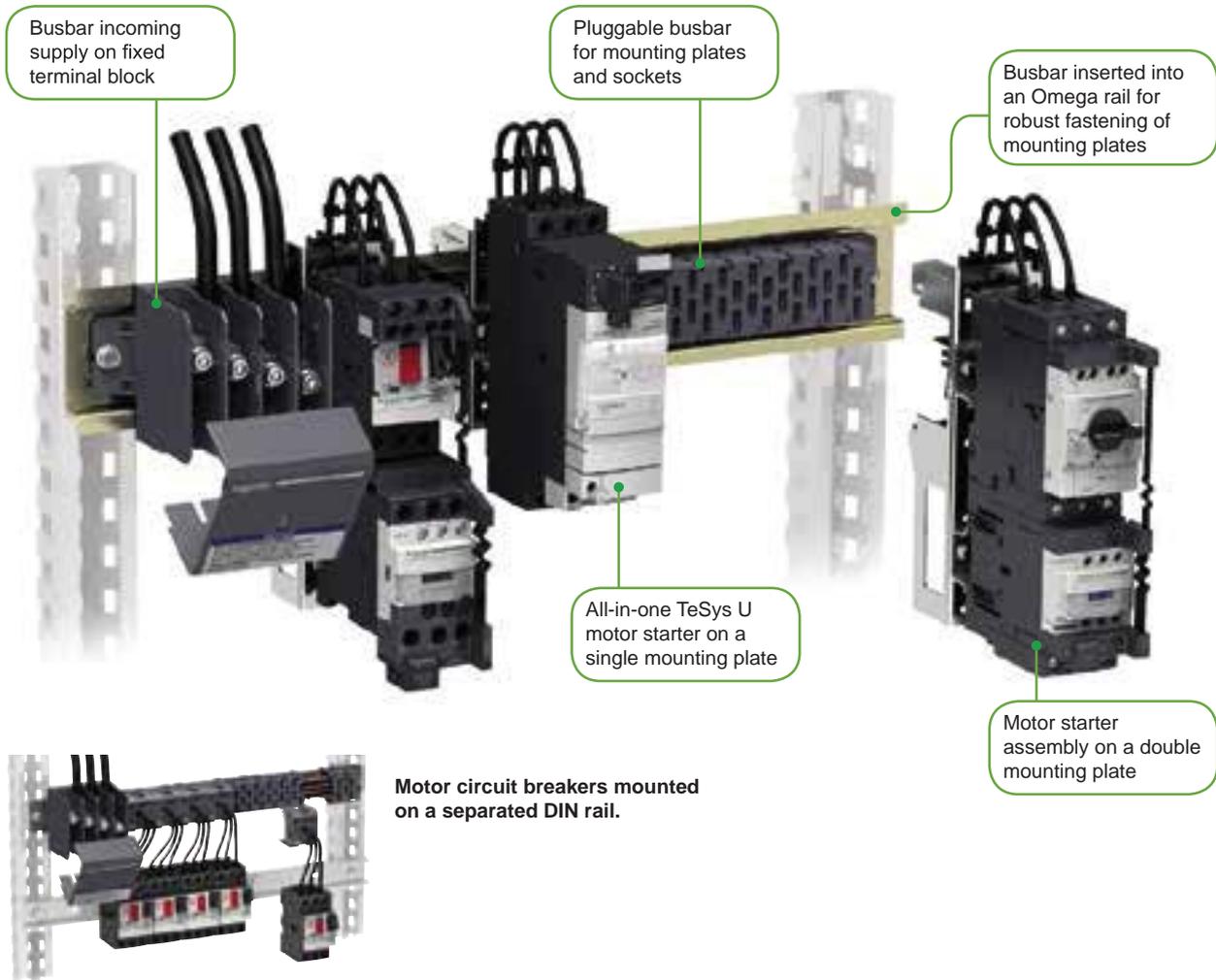


For details on non standard references, technical parameters, accessories, compatibility, stockable and non stockable status please contact Customer Care

# Lineryy HK

Lineryy HK, Multistandard hot-plug busbar system,  
Application: electrical distribution to motor starters

When compactness and continuity of service are required



## Advantages

- Space saving in compact enclosures: the total volume is reduced to that of the motor starter assemblies
- Preserved continuity of service during modification and maintenance: live connection, disconnection (off load)
- Wide adaptability: 6 busbar lengths from 344 to 1100 mm, 12 models of sockets, 23 mounting plates for motor starters up to 25 or 50 A

### Detailed view: mounting plate back face

- Thanks to the plug and its pre-cabled wires the motor starter is safely assembled in the workshop, for immediate or later use.
- A piece of DIN profile rail is attached on the front face of the mounting plate for fastening the components.
- The metal mounting plate ensures a rigid and robust fastening on the omega rail.



For details on non standard references, technical parameters, accessories, compatibility, stockable and non stockable status please contact Customer Care

☑ NORMAL STOCK ITEMS

W.E.F. March 12, 2018

## Motor Circuit Breakers



- Conformance to IEC 60947 -1,-2,-4, conformity to International Standards - UL, CSA, CE
- Thermal magnetic circuit breakers range from 0.1-220 Amps
- High Breaking capacity up to 100 kA
- Wide range of accessories
- S-shaped busbar for side-by-side connection with 40 - 65A Contactor

Breaking Capacity at 415 V 50 Hz	Motor Power AC3**		Thermal Protection Adjustment Range	Reference	Unit MRP [₹]
	kW	hP			

### GV2-M Model Thermal Magnetic - With Push button Control (Economy)

Breaking Capacity at 415 V 50 Hz	Motor Power AC3**		Thermal Protection Adjustment Range	Reference	Unit MRP [₹]	
	kW	hP				
100 kA	-	-	0.1 - 0.16	GV2ME01	3000	
	0.06	-	0.16 - 0.25	GV2ME02		
	0.09	-	0.25 - 0.40	GV2ME03		
	0.18	-	0.40 - 0.63	GV2ME04	3500	
	0.37	0.5	0.63 - 1.0	GV2ME05		
	0.55	0.75	1.0 - 1.6	GV2ME06	3550	
	0.75	1	1.6 - 2.5	GV2ME07		
	1.1	2	2.5 - 4	GV2ME08	3650	
15 kA <sup>(1)</sup>	2.2	3	4 - 6.3	GV2ME10	3650	
	3	5.5	6 - 10	GV2ME14	3650	
	5.5	7.5	9 - 14	GV2ME16	4200	
	7.5	10	13 - 18	GV2ME20	4450	
	9	12.5	17 - 23	GV2ME21	4800	
	11	15	20 - 25	GV2ME22	4800	
	10 kA <sup>(1)</sup>	15	20	24 - 32	GV2ME32	7750

Breaking Capacity at 415 V 50 Hz	Motor Power AC3**		Thermal Protection Adjustment Range	Reference	Unit LP [₹]
	kW	hP			

### GV2-P Model Thermal Magnetic - With Rotary Handle Control

Breaking Capacity at 415 V 50 Hz	Motor Power AC3**		Thermal Protection Adjustment Range	Reference	Unit LP [₹]	
	kW	hP				
100 kA	-	-	0.1 - 0.16	GV2P01	3500	
	0.06	-	0.16 - 0.25	GV2P02		
	0.09	-	0.25 - 0.40	GV2P03		
	0.18	-	0.40 - 0.63	GV2P04	3950	
	0.37	0.5	0.63 - 1.0	GV2P05		
	0.55	0.75	1.0 - 1.6	GV2P06	4100	
	0.75	1.0	1.6 - 2.5	GV2P07		
	1.1	2	2.5 - 4	GV2P08	4400	
50 kA <sup>(2)</sup>	2.2	3	4 - 6.3	GV2P10	4400	
	3	5.5	6 - 10	GV2P14	5200	
	5.5	7.5	9 - 14	GV2P16	5200	
	7.5	10	13 - 18	GV2P20	6150	
	9	12.5	17 - 23	GV2P21	6150	
	11	15	20 - 25	GV2P22	6150	
	35 kA <sup>(2)</sup>	15	20	24 - 32	GV2P32	10400

### GV3-P Range Thermal Magnetic - With Rotary Handle Control

Breaking Capacity at 415 V 50 Hz	Motor Power AC3**	Thermal Protection Adjustment Range	Reference	Unit LP [₹]
50 kA	18.5	30...40 A	GV3P40	12200
	22	37...50 A	GV3P50	14900
	30	48...65 A	GV3P65	15600
	37	62...73 A	GV3P73	16050
	37	70...80 A	GV3P80	16050

\*\* 50/60Hz - 415 V

- (1) With GV1-L3 current limiter, breaking capacity can be increased to 100 kA. Combination of the GV2-M with the D Model provides Type 2 coordination.  
 (2) With GV1-L3 current limiter, breaking capacity can be increased to 100 kA. Combination of the GV2-P with the D Model provides Type 2 coordination.

For details on non standard references, technical parameters, accessories, compatibility, stockable and non stockable status please contact Customer Care

☑ NORMAL STOCK ITEMS

W.E.F. March 12, 2018

## Motor Circuit Breakers



- Conformance to IEC 60947 -1,-2,-4
- Magnetic circuit breakers range from 0.1-80 Amps
- High Breaking capacity up to 100kA
- Wide range of accessories

Breaking Capacity at 415 V 50 Hz	Motor Power AC3**		Magnetic Protection Rating (A)	Reference	Unit LP [₹]
	kW	hP			

### GV2-LE Model Magnetic - With Rocker Lever Control (Economy) \*

Breaking Capacity at 415 V 50 Hz	Motor Power AC3**		Magnetic Protection Rating (A)	Reference	Unit LP [₹]
	kW	hP			
100 kA	0.09	-	0.4	GV2LE03	3250
	0.18	-	0.63	GV2LE04	
	0.37	0.5	1	GV2LE05	
	0.55	-	1.6	GV2LE06	
	1.1	1.5	2.5	GV2LE07	
	1.5	2	4	GV2LE08	
	2.2	3	6.3	GV2LE10	
	3	5.5	10	GV2LE14	
	5.5	7.5	14	GV2LE16	
	7.5	10	18	GV2LE20	
15 kA	11	15	25	GV2LE22	3730
	10 kA	15	20	32	

### GV2-L Model Magnetic- With Rotary Handle Control \*

Breaking Capacity at 415 V 50 Hz	Motor Power AC3**		Magnetic Protection Rating (A)	Reference	Unit LP [₹]
	kW	hP			
100 kA	0.09	-	0.4	GV2L03	3850
	0.18	-	0.63	GV2L04	
	0.37	0.5	1	GV2L05	
	0.55	-	1.6	GV2L06	
	1.1	1.5	2.5	GV2L07	
	1.1	2	4	GV2L08	
	2.2	3	6.3	GV2L10	
	4	5.5	10	GV2L14	
	5.5	7.5	14	GV2L16	
	7.5	10	18	GV2L20	
50 kA	11	15	25	GV2L22	3850

### GV3-L Range Magnetic - With Rotary Handle Control

Breaking Capacity at 415 V 50 Hz	Motor Power AC3**	Thermal Protection Adjustment Range	Reference	Unit LP [₹]
50 kA	18.5	30...40 A	GV3L40	10150
	22	37...50 A	GV3L50	10370
	30	48...65 A	GV3L65	10720
	37	62...73 A	GV3L73	15000
	37	70...80 A	GV3L80	15000

\* Conforming to IEC 60947-2-3-4

\*\* 50/60Hz - 415 V

- GV2-L with the D Model contactor and LRD overload relay provides Type 2 Coordination

Breaking Capacity at 415 V 50 Hz	Motor Power AC3**	Thermal Protection Adjustment Range	Reference	Unit LP [₹]

### GV7-R Range Thermal Magnetic (220A, AC3)

Breaking Capacity at 415 V 50 Hz	Motor Power AC3**	Thermal Protection Adjustment Range	Reference	Unit LP [₹]
35 kA	75	90 - 150	GV7RE150	30970
	110	132 - 220	GV7RE220	38070
70 kA	75	90 - 150	GV7RS150	35090
	110	132 - 220	GV7RS220	43020

\* Conforming to IEC 60947-2 for Type 2 coordination

\*\* 50/60Hz - 415 V.

Refer the new GV4\* range of magnetic and thermal magnetic MPCBs on page 41 for motor ratings upto 55kW.

## Accessories for Motor Circuit Breakers

Description	Reference	Unit LP [₹]
<b>For GV2</b>		
Front contact NO or NC <sup>(1)</sup>	GVAE1	680
Front contact NO + NC	GVAE11 <input checked="" type="checkbox"/>	830
	GVAE20	910
Side contact NO + NC	GVAN11 <input checked="" type="checkbox"/>	1000
	GVAN20	1000
Fault signalling contact +1 NO contact <sup>(2)</sup>	GVAD1010 <input checked="" type="checkbox"/>	1300
Fault signalling contact +1 NC contact <sup>(2)</sup>	GVAD1001	1300
Short circuit signalling contact block 1 C/O	GVAM11	1240
Undervoltage trip :		
110 ... 115V 50Hz	GVAU115	2300
220 ... 240V 50Hz	GVAU225	2380
380 ... 400V 50Hz	GVAU385	2380
Shunt trip :		
110 ... 115V 50Hz	GVAS115	2380
220 ... 240V 50Hz	GVAS225	2380
380 ... 400V 50Hz	GVAS385	2380
Additive limiter for increasing breaking capacity to 100kA for GV2ME and GV2P.	GV1L3	3840
Connection block - GV2 with contactor LC1-D09..D38	GV2AF3	470
Connection block - LS1 D32 or GV2 with contactor LC1-K or LP1-K	GV2AF01	500
Empty enclosure for GV2ME - plastic	GV2MP02	1720
	GV2MC02	1890

(1) Choice of NC or NO contact operation depending on which way round the reversible block is mounted.

(2) The GV-AD is always mounted next to the circuit breaker.

## Busbars

Connection Pitch	No. of Tapoff Points	Reference	Unit LP [₹]
<b>For GV2 Breakers</b>			
45 mm	2	GV2G245	1010
	4	GV2G445	1600
54 mm	2	GV2G254	1190
	3	GV2G354	1340
	4	GV2G454	1680
72 mm	5	GV2G554	1820
	2	GV2G272	1430
	4	GV2G472	2050

Description	Reference	Unit LP [₹]
<b>Accessories for Busbars</b>		
Terminal block - to supply one or more 3-pole busbar GV2	GV2G05	2570
Protective end covers for unused busbar outlets	GV1G10	450
Terminal block for connection from top	GV1G09	1350

## Accessories for Motor Circuit Breakers

Description	Reference	Unit LP [₹]
<b>For GV2-P/GV2-L</b>		
External operator - IP54, Black	GV2APN01 <input checked="" type="checkbox"/>	2390
External operator - IP54, Yellow/Red	GV2APN02	4400
Visible isolation block - for motor circuit breaker GV2	GV2AK00	2000
<b>For GV3P/GV3L</b>		
<b>Auxiliary Contacts</b>		
Front contact: 1 NO (fault) + 1 NC (Auxiliary)	GVAED011	860
Front contact: 1 NO (fault) + 1 NO (Auxiliary)	GVAED101	950
<b>Busbar</b>		
3-pole, 3 tap, 64 mm pitch	GV3G364	970
S-shape bus bar	GV3S	730
<b>External Operator</b>		
IP54, Black	GV3APN01	2850
IP54, Yellow/Red	GV3APN02	2740

**Note:** All other accessories are same as of GV2.

Busbars GV3G364 and GV3S are not compatible with GV3\*73 and GV3\*80.

Description	Operating Voltage	Reference	Unit LP [₹]
<b>For GV7</b>			
Accessory for direct rotary handle mount on door <sup>(2)</sup>	-	GV7AP05	1570
Auxiliary contact - 1 OC	-	GV7AE11 <input checked="" type="checkbox"/>	1540
Clip-on connector - upto 150 A - 1.5..95 mm <sup>2</sup>	-	GV7AC021	630
Clip-on connector- upto 220 A - 1.5..185 mm <sup>2</sup>	-	GV7AC022	600
Fault discrimination Device	24...72V DC/ 24...48V AC	GV7AD111	4530
	110 ... 240V AC/ DC	GV7AD112	4530
Front rotary handle GV7AP GV7R - black handle <sup>(2)</sup>	-	GV7AP03	2660
	-	GV7AP01	4630
Padlocking device - 1..3 padlocks Ø 5.8mm shank <sup>(3)</sup>	-	GV7V01	730
Phase barriers	-	GV7AC04	810
Terminal shields IP405 <sup>(1)</sup>	-	GV7AC01	1640

<b>For GV7</b>			
Shunt release	110...130 V AC 50/60 Hz	GV7AS107	3520
	200...240 V AC 50/60 Hz	GV7AS207	3520
	380...440 V AC 50/60 Hz	GV7AS387	3390
Under Voltage release	110...130 V AC 50/60 Hz	GV7AU107	3630
	200...240 V AC 50/60 Hz	GV7AU207	3630
	380...440 V AC 50/60 Hz	GV7AU387	3630
3-pole spreader - for Motor circuit breaker GV7 45 mm pitch		GV7AC03	1050

(1) Terminal shields cannot be used together with spreaders.

(2) For mounting direct rotary handle on enclosure door. This accessory makes it possible to open the door if the device is closed and prevents the device from being closed if the door is open.

(3) For Circuit breaker not fitted with a rotary handle

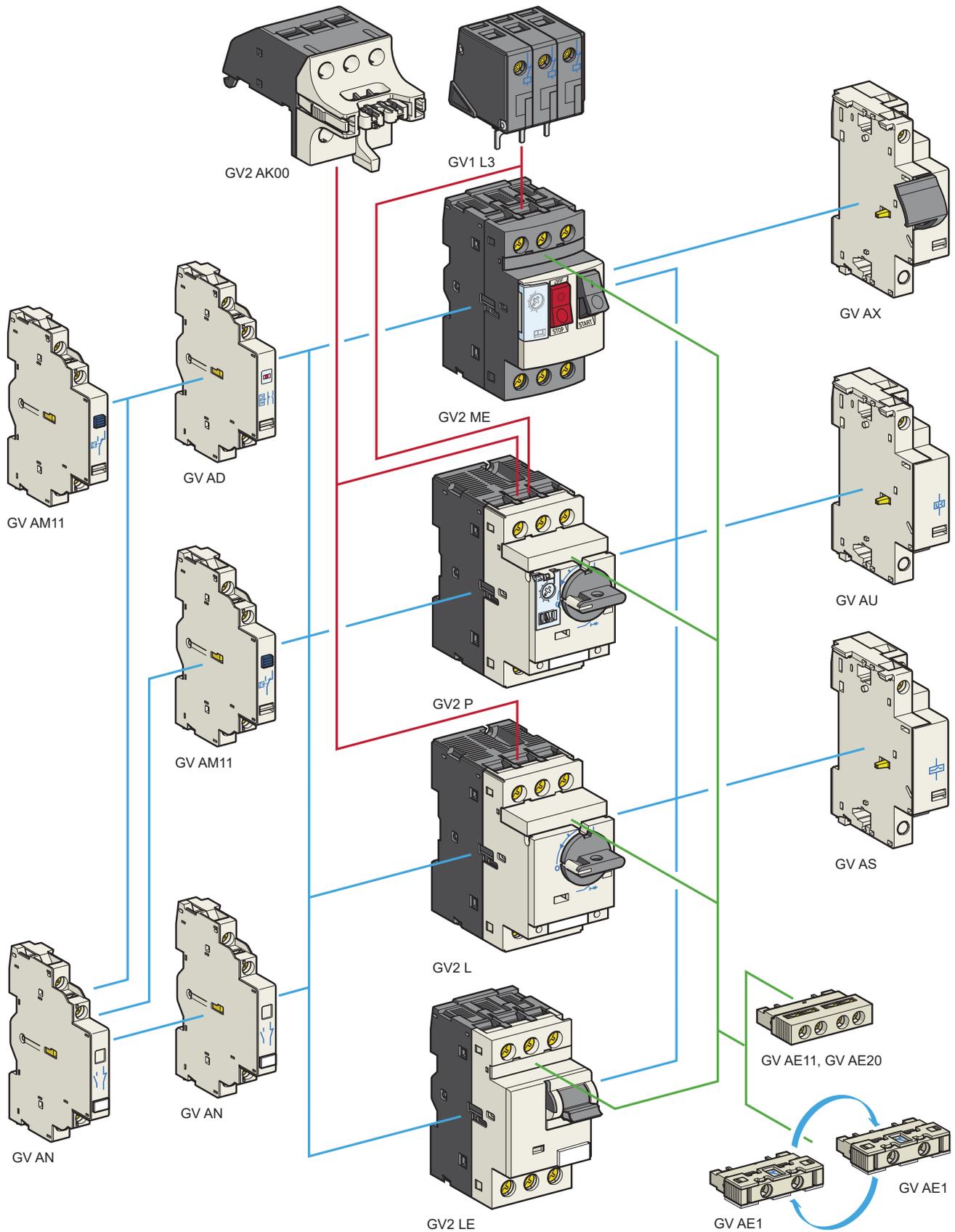
For details on non standard references, technical parameters, accessories, compatibility, stockable and non stockable status please contact Customer Care

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

# TeSys

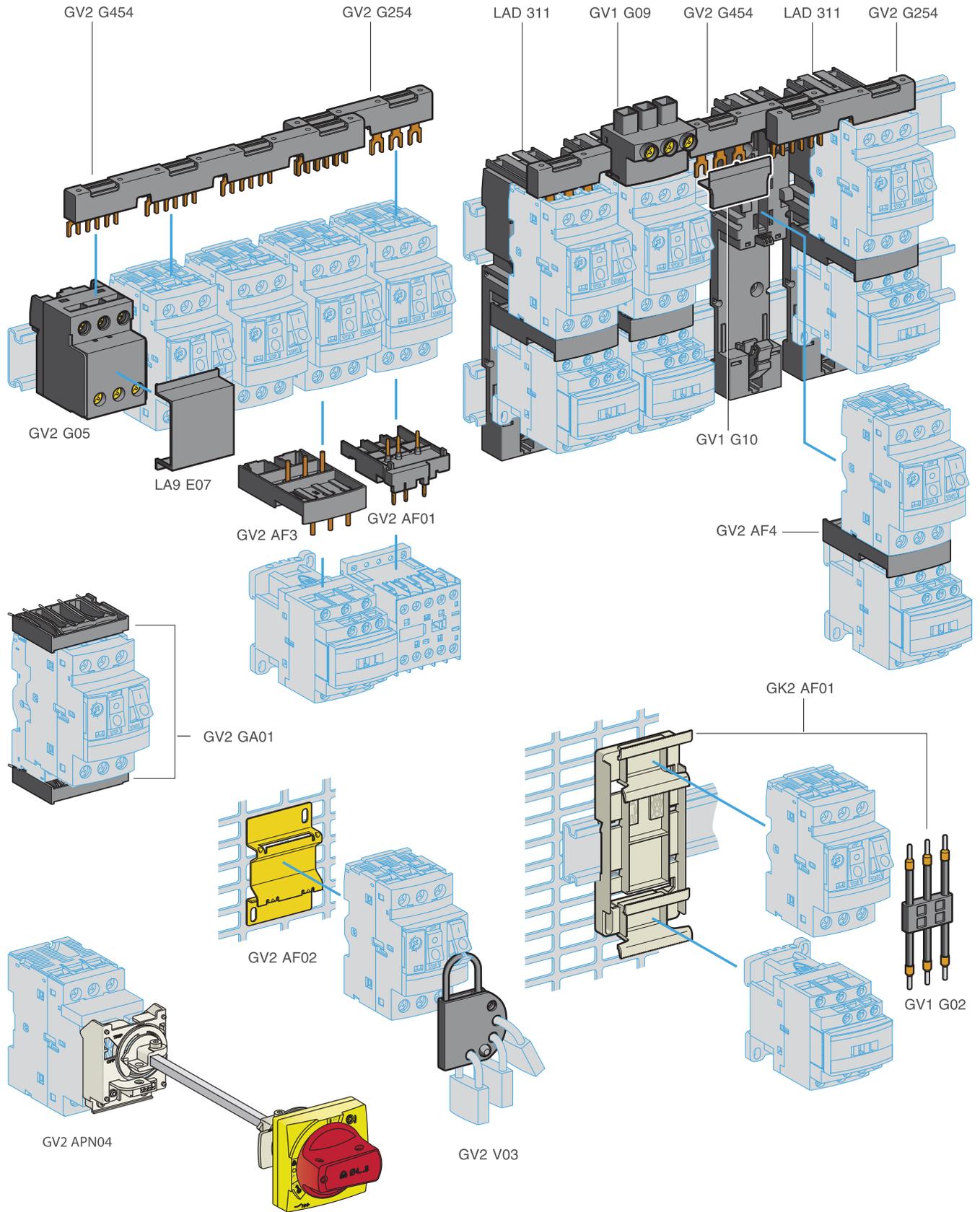
## Accessories compatibility



For details on non standard references, technical parameters, accessories, compatibility, stockable and non stockable status please contact Customer Care

# TeSys

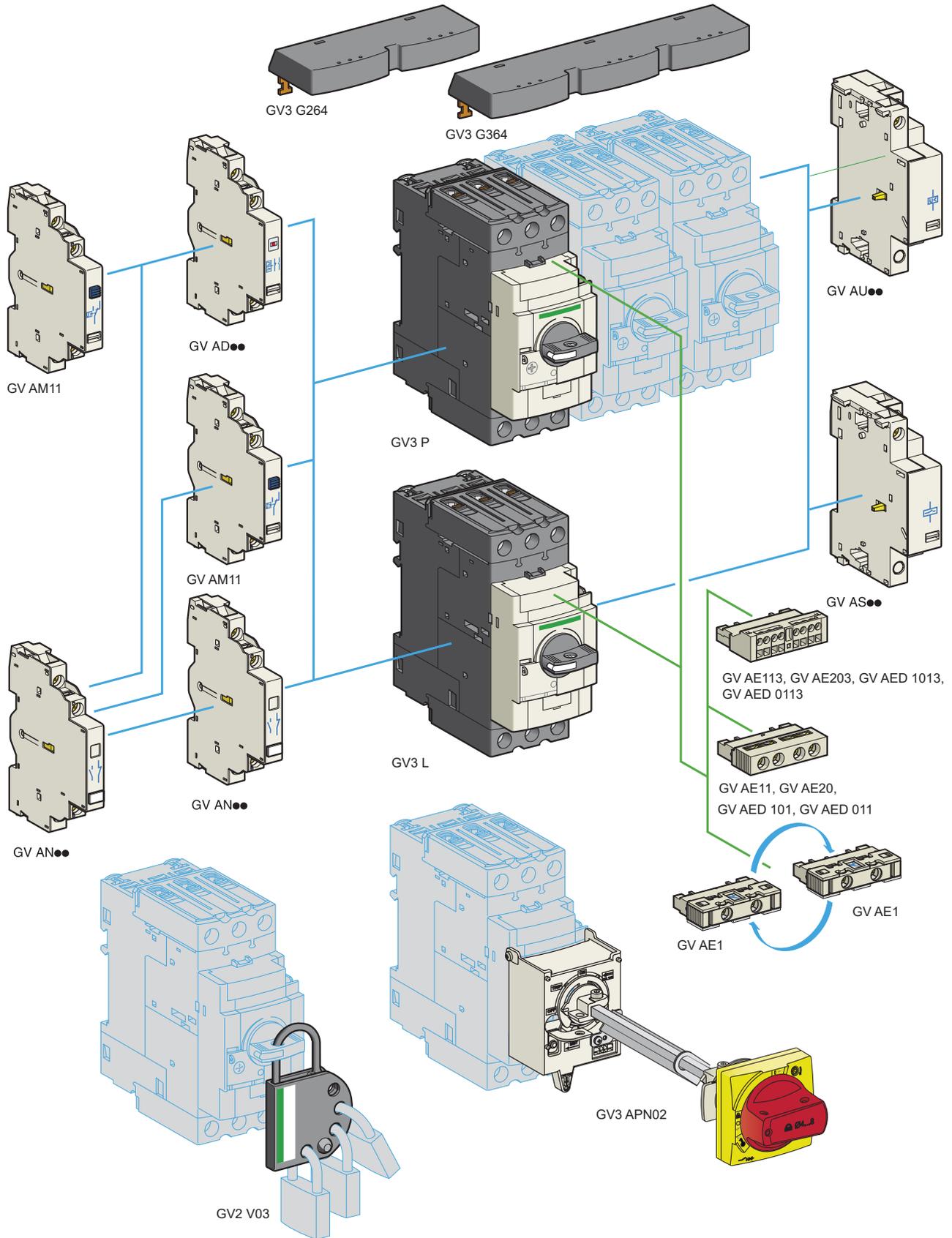
## Accessories compatibility



For details on non standard references, technical parameters, accessories, compatibility, stockable and non stockable status please contact Customer Care

# TeSys

## Accessories compatibility



For details on non standard references, technical parameters, accessories, compatibility, stockable and non stockable status please contact Customer Care

# Introducing New TeSys GV4

Motor circuit breakers



## New TeSys GV4

- Compact and Robust, covering motors upto 55kW- Breaking capacity upto 100kA
- Available with magnetic, electronic thermal magnetic and advanced protection functions including alarming, jam, long start etc
- Equipped with patented EverLink power connections for the entire range, ensuring 100% reliable connections
- Type II coordination with TeSys range of contactors, including TeSys T motor controllers

# GV4LE/GV4L



- IEC/EN 60947-1, IEC/EN 60947-2, CCC, EAC
- Can be used with class 5, 10 or 20 relay
- Short circuit protection
- From 0.25 - 55kW

## Magnetic Protection Toggle Control

Motor Power AC3 (400/415V AC)		In (A)	Magnetic setting range A	25kA breaking capacity		50kA breaking capacity		100kA breaking capacity	
kW	hP			Reference	LP	Reference	LP	Reference	LP
0.25..0.75	0.3..1	2	12..28	-	-	GV4LE02N	on request	GV4LE02S	on request
0.55..1.5	0.7..2	3.5	21..49	-	-	GV4LE03N		GV4LE03S	
1.5..3	2..4	7	42..96	-	-	GV4LE07N		GV4LE07S	
3..5.5	4..7.5	12.5	75..175	-	-	GV4LE12N		GV4LE12S	
5.5..11	7.5..14	25	150..350	GV4LE25B	on request	GV4LE25N		GV4LE25S	
11..22	15..30	50	300..700	GV4LE50B		GV4LE50N		GV4LE50S	
18.5..37	25..50	80	480..1120	GV4LE80B	12800	GV4LE80N	15000	GV4LE80S	21700
30..55	40..75	115	690..1610	GV4LE115B	12800	GV4LE115N	15000	GV4LE115S	21700

## Magnetic Protection Rotary Handle Control

Motor Power AC3 (400/415V AC)		In (A)	Magnetic setting range A	25kA breaking capacity		50kA breaking Capacity	
kW	hP			Reference	LP	Reference	LP
0.25..0.75	0.3..1	2	12..28	-	-	GV4L02N	on request
0.55..1.5	0.7..2	3.5	21..49	-	-	GV4L03N	
1.5..3	2..4	7	42..96	-	-	GV4L07N	
3..5.5	4..7.5	12.5	75..175	-	-	GV4L12N	
5.5..11	7.5..14	25	150..350	GV4L25B	on request	GV4L25N	
11..22	15..30	50	300..700	GV4L50B		GV4L50N	
18.5..37	25..50	80	480..1120	GV4L80B	13500	GV4L80N	15800
30..55	40..75	115	690..1610	GV4L115B	13500	GV4L115N	15800

# GV4PE/GV4P



- IEC/EN 60947-1, IEC/EN 60947-2, IEC/EN 60947-4-1, UL 60497-4-1, CCC, EAC, CSA
- Overload or thermal protection
- Short time delay protection
- Short circuit protection
- Phase unbalance or phase loss
- Front indications through LED

## Thermal Magnetic Protection Toggle Control

Motor Power AC3 (400/415V AC)		In (A)	Thermal setting range A	25kA breaking capacity		50kA breaking Capacity		100kA breaking Capacity	
kW	hP			Reference	LP	Reference	LP	Reference	LP
0.25..0.75	0.3..1	2	0.8..2	-	-	GV4PE02N	on request	GV4PE02S	on request
0.55..1.5	0.7..2	3.5	1.4..3.5	-	-	GV4PE03N		GV4PE03S	
1.5..3	2..4	7	2.9..7	-	-	GV4PE07N		GV4PE07S	
3..5.5	4..7.5	12.5	5..12.5	-	-	GV4PE12N		GV4PE12S	
5.5..11	7.5..14	25	10..25	GV4PE25B	on request	GV4PE25N		GV4PE25S	
11..22	15..30	50	20..50	GV4PE50B		GV4PE50N		GV4PE50S	
18.5..37	25..50	80	40..80	GV4PE80B	16380	GV4PE80N	18500	GV4PE80S	22150
30..55	40..75	115	65..115	GV4PE115B	16380	GV4PE115N	18500	GV4PE115S	22150

For details on non standard references, technical parameters, accessories, compatibility, stockable and non stockable status please contact Customer Care

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

# GV4P

## Thermal Magnetic Protection Rotary Handle Control

Motor power AC3**		In	Thermal setting range	25kA breaking capacity		50kA breaking Capacity	
kW	hP	(A)	A	Reference	LP	Reference	LP
0.25..0.75	0.3..1	2	0.8..2	-	-	GV4P02N	on request
0.55..1.5	0.7..2	3.5	1.4..3.5	-	-	GV4P03N	
1.5..3	2..4	7	2.9..7	-	-	GV4P07N	
3..5.5	4..7.5	12.5	5..12.5	-	-	GV4P12N	
5.5..11	7.5..14	25	10..25	GV4P25B	on request	GV4P25N	
11..22	15..30	50	20..50	GV4P50B		GV4P50N	
18.5..37	25..50	80	40..80	GV4P80B	17200	GV4P80N	19400
30..55	40..75	115	65..115	GV4P115B	17200	GV4P115N	19400

\* Reference to be completed by adding coil voltage code BD (24 V DC) or FU (110-230V AC)

# GV4PEM



- IEC/EN 60947-1,-2,-4-1, UL 60947-4-1, CCC, EAC, CSA
- Short circuit and overload protection
- Embedded protection functions: jam, long start, phase unbalance or phase loss, ground fault
- LED indication on front face
- Remote indication, fault differentiation and alarming with the SDx module



Fully configurable on NFC using the TeSys GV4 app, available for select Android devices

## Multifunction Advanced Protection Toggle Control

Motor power AC3**		In	Thermal setting range	25kA breaking capacity		50kA breaking Capacity		100kA breaking Capacity	
kW	hP	(A)	A	Reference	LP	Reference	LP	Reference	LP
0.25..0.75	0.3..1	2	0.8..2	-	-	GV4PEM02N	on request	GV4PEM02N	on request
0.55..1.5	0.7..2	3.5	1.4..3.5	-	-	GV4PEM03N		GV4PEM03N	
1.5..3	2..4	7	2.9..7	-	-	GV4PEM07N		GV4PEM07N	
3..5.5	4..7.5	12.5	5..12.5	-	-	GV4PEM12N		GV4PEM12S	
5.5..11	7.5..14	25	10..25	GV4PEM25B	on request	GV4PEM25N	36000	GV4PEM25S	41000
11..22	15..30	50	20..50	GV4PEM50B	33000	GV4PEM50N	37000	GV4PEM50S	42000
22..37	25..50	80	40..80	GV4PEM80B	34500	GV4PEM80N	37000	GV4PEM80S	42000
37..55	40..75	115	65..115	GV4PEM115B	34500	GV4PEM115N	37000	GV4PEM115S	42000

# Auxiliary Contact Blocks



An auxiliary contact block provides one changeover contact with one common point for OF and SD function, depending on where it is inserted

Open/Close OF Function: indicates position of the circuit breaker contacts

Trip Alarm SD Function: indicates circuit breaker tripping due to:

- Electrical fault (overload, short circuit)
- Shunt trip/Undervoltage release
- "Push to Trip" Function

Resets when the circuit breaker is reset

Description	Maximum Number	Mounting	Type of Contacts	Reference	LP
Auxiliary Contact Block	2 (1 Each For Of Or Sd)	Internal Plug-In	NO+NC	GV4AE11	770

For details on non standard references, technical parameters, accessories, compatibility, stockable and non stockable status please contact Customer Care

NORMAL STOCK ITEMS

W.E.F. March 12, 2018



### MX Shunt Trip

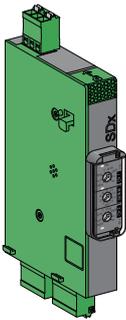
- Trips the circuit breaker when the control voltage rises above 70% of rated voltage
- Shunt trip 110..130V AC is suitable.. etc for ground fault protection when combined with a Class I ground fault sensing element

### MN Under Voltage Release

Trips the circuit breaker when the control voltage drops below 35% of its rated voltage

Description	Maximum Number	Mounting	Voltage	References	LP
Mx Shunt Trip	1	Internal, Plug-In	24 VAC 50/60 HZ, 24 VDC	GV4AS027	2020
			48 VAC 50/60 HZ, 48 VDC	GV4AS057	2020
			110-130 VAC 50/60 HZ, 125 VDC	GV4AS137	2020
			220-240 VAC 50 HZ, 208-240 VAC 60 HZ, 277 VAC 60 HZ	GV4AS287	2020
			380-415 VAC 50 HZ, 440-480 VAC 60 HZ	GV4AS487	2020
Mn Undervoltage Release	1	Internal, Plug-In	24 VAC 50/60 HZ, 24 VDC	GV4AU027	2640
			48 VAC 50/60 HZ, 48 VDC	GV4AU057	2640
			110-130 VAC 50/60 HZ, 125VDC	GV4AU137	2640
			220-240 VAC 50 HZ, 208-240 VAC 60 HZ	GV4AU247	2640
			277 VAC 60 HZ	GV4AU286	2640
			380-415 VAC 50 HZ	GV4AU415	2640
			440-480 VAC 60 HZ	GV4AU486	2640

## SDx Contact Module (For GV4PEM)



Provides fault differentiation and alarming for GV4PEM

2 NO/NC outputs dry contacts which can be assigned to any of the following 8 SD status

- SDT95% overload alarm when thermal image of the motor exceeds 95% of permissible temp rise
- SDTXXS overload alarm will trip in 10-40s (adjustable) with the same load
- SDTAM overload alarm before tripping - for phase imbalance, overload, jam, activates to open contactor before cb tripping
- SDT overload trip indication
- SDJAM jam trip indication
- SDUNB phase imbalance trip indication
- SDLS long start trip indication
- SDGF ground fault trip indication

Description	Maximum Number	Mounting	Type of Contacts	References	LP
SDx Alarming/Fault Differentiation Module	2	SIDE	NO/NC	GV4ADM1111	on request

### Rotary Handles

Description	Type	Degree of Protection	Reference	LP
Direct Mounting Rotary Handle	Black	IP40	GV4ADN01	1060
	Red Handle on Yellow Bezel	IP40	GV4ADN02	1060
Front Extended Rotary Handle (Min Shaft Length 214Mm/Max Shaft Length 627Mm)	Black	IP54	GV4APN01	1570
	Red Handle on Yellow Bezel	IP54	GV4APN02	1570
	Red Handle on Yellow Bezel	IP65	GV4APN04	1650
Side Rotary Handle (Left or Right)	Black	IP54	LV426935	2690
	Red Handle on Yellow Bezel	IP54	LV426936	2690

### Connection Accessories

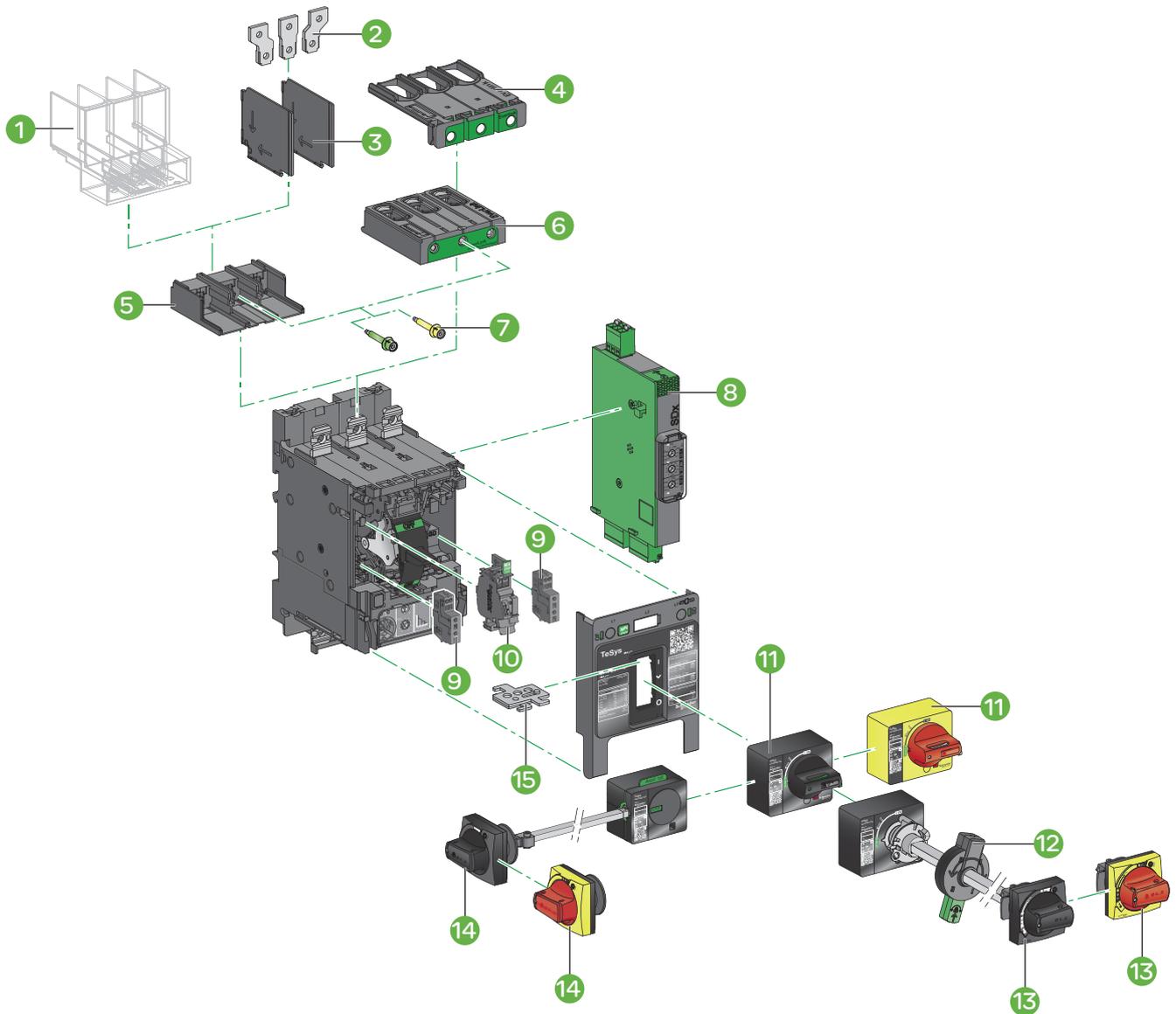
Description	Reference	LP
Spreader 3-pole (To increase pitch to 35mm) (1 pce)	LV426940	580

For details on non standard references, technical parameters, accessories, compatibility, stockable and non stockable status please contact Customer Care

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

# TeSys GV4 Overview



- ① Long terminal shield LAD96590
- ② Terminal spreaders LV426940
- ③ Interphases barriers LV426920
- ④ Large spacing cover for EverLink connector GV4G66
- ⑤ Crimp lug connector GV4LUG
- ⑥ EverLink® connector LAD96595
- ⑦ Torque limiting breakaway bits LV42699p
- ⑧ SDx alarming/fault differentiation module GV4ADM1111 (only with GV4PEM)
- ⑨ Auxiliary contact block for OF or SD function GV4AE11
- ⑩ - MN undervoltage release GV4AUpp  
- MX shunt trip GV4ASpp
- ⑪ Direct mounting black or red on yellow bezel rotary handle GV4ADN01/ GV4ADN02
- ⑫ Open door shaft operator (for front extended rotary handle) LV426937
- ⑬ Front extended rotary handle kit with red handle on yellow bezel or black handle GV4APN01/ GV4APN02 /GV4APN04
- ⑭ Side rotary handle kit with red handle on yellow bezel or black handle LV426935/LV426936.
- ⑮ Toggle locking device 29370

For details on non standard references, technical parameters, accessories, compatibility, stockable and non stockable status please contact Customer Care

## Vario Switch Disconnectors

[Ith] Conventional Thermal Current**	Poles Description	Rated Operational Power (AC 23)*	Reference	Unit LP [₹]
--------------------------------------	-------------------	----------------------------------	-----------	-------------

### Complete Enclosed Switches

#### • Range 12 to 175 A, IP 65 Sealable and Lockable

10 A	3P	4 KW	VCF02GE	2340
16 A	3P	5.5 KW	VCF01GE	2550
20 A	3P	7.5 KW	VCF0GE	3100
25 A	3P	11 KW	VCF1GE	3330
32 A	3P	15 KW	VCF2GE	3900
50 A	3P	22 KW	VCF3GE	6030
63 A	3P	30 KW	VCF4GE	7060

\* Rated Power at 415 V

\*\* Ith in enclosure

For Switch Type (Amps)	Mounting Arrangement	Ingress	Reference	Unit LP [₹]
------------------------	----------------------	---------	-----------	-------------

### Operators (Padlockable)

12 - 40 A	4 Screw Fixing	IP65	KCF1PZ	510
63 - 80 A	4 Screw Fixing	IP65	KCF2PZ	540
125 - 175 A	4 Screw Fixing	IP40	KCF3PZ	2220

## Vario Switch Disconnectors

[Ith] Conventional Thermal Current	Poles Description	Reference	Unit LP [₹]
------------------------------------	-------------------	-----------	-------------

### Complete Switch with Padlockable Operator

#### • Suitable for Front Mounting or Base Mounting

12A	3P	VCF02	1470
20 A	3P	VCF01	1600
25 A	3P	VCF0	1870
32 A	3P	VCF1	1960
40 A	3P	VCF2	2430
63 A	3P	VCF3	3810
80 A	3P	VCF4	4120
125 A	3P	VCF5	9440
175 A	3P	VCF6	11440

### Switch Bodies

12A	V02	960
20 A	V01	1110
25 A	V0	1320
32 A	V1	1600
40 A	V2	1960
63 A	V3	2730
80 A	V4	3590
125 A	V5	7280
175 A	V6	9290

## Accessories

Description	For Use with Switch Bodies	Rating Pole	Pole Composition	Earth Contact	Auxiliary Contacts	Reference	Unit LP [₹]
-------------	----------------------------	-------------	------------------	---------------	--------------------	-----------	-------------

### Vario Add-on Modules <sup>(1)</sup>

Main Pole Module	V02/VCF02	12 A	1P	-	-	VZ02	680
	V01/VCF01	20 A	1P	-	-	VZ01	700
	V0/VCF0	25 A	1P	-	-	VZ0	740
	V1/VCF1	32 A	1P	-	-	VZ1	730
	V2/VCF2	40 A	1P	-	-	VZ2	780
	V3/VCF3	63 A	1P	-	-	VZ3	1010
	V4/VCF4	80 A	1P	-	-	VZ4	1010
Neutral Pole Module <sup>(2)</sup>	V02 / VCF02 to V2 / VCF2	-	1N	-	-	VZ11	830
	V3 / VCF3 to V4 / VCF4	-	1N	-	-	VZ12	1120
	V5 / VCZ5 to V6 / VCZ6	-	1N	-	-	VZ13	2310
Earthing Module	V02 / VCF02 to V2 / VCF20	-	-	-	-	VZ14	820
	V3 / VCF3 to V4 / VCF4	-	-	1	-	VZ15	970
	V5 / VCZ5 to V6 / VCZ6	-	-	1	-	VZ16	1510
Auxiliary Contact Block Module	V02/ VCF02 to V6 / VCZ6	-	-	-	1 NO + 1 NC	VZ7	860
	V2/ VCF02 to V6 / VCZ6	-	-	-	2 NO	VZ20	860

(1) For mounting option of modules, please refer to the technical catalogue.

(2) With early make and late break contacts

Description	For Use With	Reference	Unit LP [₹]
-------------	--------------	-----------	-------------

### Components for Door Interlocking

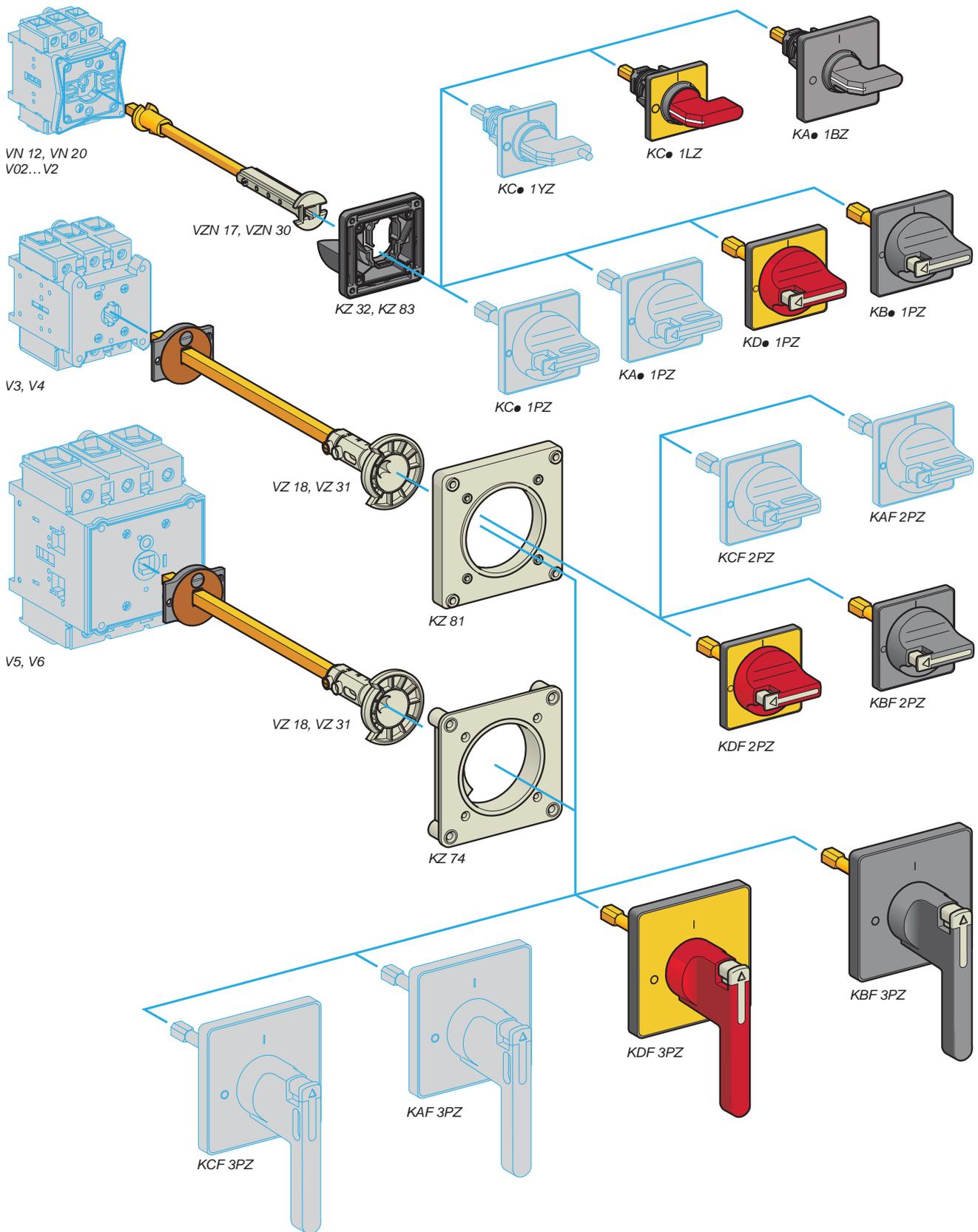
Shaft extension - for Mini-VARIO and VARIO - V02..V2	V02...V2	VZ17	820
		VZ30	970
Shaft extension - for Mini-VARIO and VARIO - V3 V4 V5 V6	V3, V4, V5, V6	VZ18	970
		VZ31	1110
Door interlock plate	VZ17 / VZ30	KZ32	210
		VZ18/31	KZ74

### Input Terminal Protection Shrouds

Terminal Shrouds	V02 - V2	VZ8	270
		VZ26	240
Terminal Shrouds	V3 - V4	VZ9	290
		VZ27	240
	V5 - V6	VZ10	370
		VZ28	410
	V02 - V6	VZ29	270

For details on non standard references, technical parameters, accessories, compatibility, stockable and non stockable status please contact Customer Care

# TeSys Switches Accessories



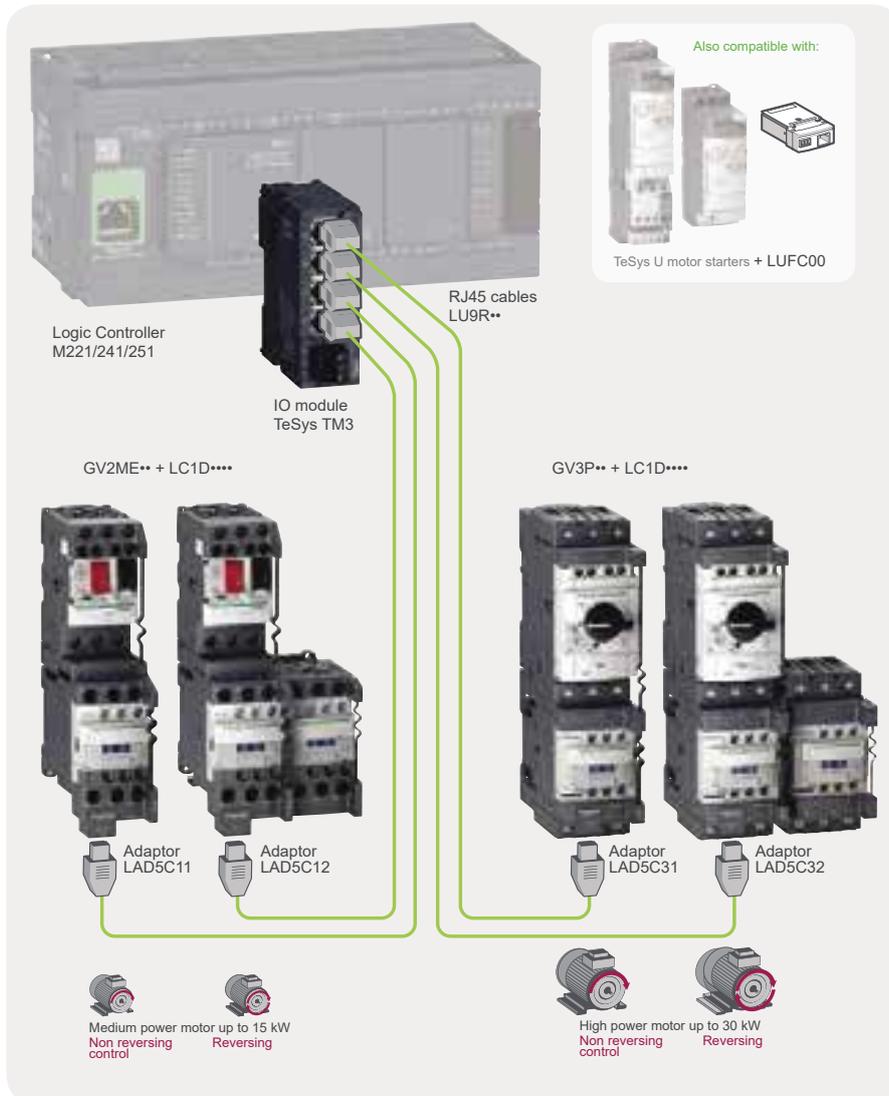
For details on non standard references, technical parameters, accessories, compatibility, stockable and non stockable status please contact Customer Care

✓ NORMAL STOCK ITEMS

W.E.F. March 12, 2018

# Let TeSys SoLink be your drive!

Integration system for motor starters  
up to 30 kW/400 V in automation environment



**20** times  
faster for control  
circuit wiring  
Simple and fast wiring

**100%**  
upgradable  
Plug & Play solutions

**0%**  
Chance of  
connection errors  
Intuitive connection

**100%**  
availability during  
machine life cycles  
Software & Hardware  
integrated

TM3 provides the 24 V DC control voltage to the motor starter coil.



Direct or Reversing		
TeSys D	Upto 15kW	From 18.5kW to 30kW
1 Motor Circuit Breaker	GV2ME** OR GV2P**	GV3P**
2 Contactor 24V DC	LC1D**B* or LC2D**B*	LC1D**BD or LC2D**BD
3 Combination Block	GV2AF3	-
4 Auxiliary Contact	GVAE20	GVAE20
5 Connection Module	LAD5C11(DOL), LAD5C12(RDOL)	LAD5C31(DOL), LAD5C32(RDOL)
<b>Connection Cable</b>		
6 Connection Cable**	LU9R**	
<b>IO Module</b>		
7 IO Module	TM3XTYS4	

**Note:**

- \*\* Choose your correct length.
- Similar configurations available for TeSys U also.

For details on non standard references, technical parameters, accessories, compatibility, stockable and non stockable status please contact Customer Care

# Advanced Motor Protection

High performance protection  
for your application



## EOLR

### Electronic Overload Relay

- Precise Overload Protection
- Wide operating Range 5:1
- Higher Operating Temperature
- Selectable Trip Class



## EOCR

### Electronic Over Current Relay

- Compact and Robust
- Advanced current protections
- Suitable for 1-phase and 3-phase applications
- Suitable for motors upto 400A
- Pass-through CT for electrical isolation

# EOLR - LR9D

## Electronic Overload Relay



- Conformance to IEC, UL, CSA
- Range : 0.1A to 110A
- 5:1 Adjustment range
- High Operating Temperature
- Field selectable tripping class : 5, 10, 20 & 30
- Type 1 & type 2 Coordination chart available

Current Range	For Use With	Reference*	Unit MRP [₹]
0.1....0.5A		LR9D01	6970
0.4....2.0A	LC1D09 - 38A	LR9D02	7290
1.6....8.0A	Direct Mounting	LR9D08	7290
6.4....32A		LR9D32	8360
22....110A	Separate Mounting	LR9D110S	12780

**Note:** For LR9D01 to LR9D32 - Terminal Block for Clip on Mounting LAD7B205. **Unit LP ₹. 700**

## Analog EOCR

- Compact
- Protection against over current/phase loss/locked rotor (phase loss/locked rotor operates by over current)
- Manual (instant)/electrical reset
- NVR (No Volt Release) function / Fail Safe
- Suitable for single-phase / 3-phase motors
- LED (operation display and active current display)

### EOCR SS

- Without Display



EOCR SS			
Current Range	Control Voltage	Reference	Unit MRP [₹]
0.5-6A	24-240V AC/DC	EOCRSS-05S	4000
0.5-6A	380-440V AC	EOCRSS-05W	
3-30A	24-240V AC/DC	EOCRSS-30S	
3-30A	380-440V AC	EOCRSS-30W	
5-60A	24-240V AC/DC	EOCRSS-60S	
5-60A	380-440V AC	EOCRSS-60W	

**Note:** 2 SPST output contacts

**E 0 C R S S - 0 5 S**

1	Current Setting Range	5	0.5-6A	For 60A or higher, combine 05Type and an external CT (secondary 5A) for use
		30	3.0-30A	
		60	5.0-60A	
2	Operating Power Supply	S	24-240V AC/DC	
		W	380-440V AC	

**Note:** For a CT combination type, please write an accessory code from the CT Order Codes separately.

## Protection Relay Selection table

Features\product	EOLR	EOCR		
	LR9D	SS/SSD	3DM2/FDM2	3MZ2/FMZ2
Precise Overload Protection (Inverse Time)				
Over Current Protection (Definite Time)				
Selectable Trip Clas 5-30				
Current Unbalance Protection				
Locked Rotor, Phase Loss		*		
Under current Protection				
Ground Current Protection				
Current Measurement	3CT	2CT	3CT	3CT
Current Display		#		
Direct Mounting on Contactor	\$			
Fault History				
Configurable protection functions				

\* - over current based protection

# - with SSD

\$ - upto 38 Amps

■ Possible solution

■ Ideal solution

### EOCR SSD

- With Display (Operating Current & Trip Cause)



EOCR SSD			
Current Range	Control Voltage	Reference	Unit MRP [₹]
0.5-6A	220V AC	EOCRSSD-05DM7	6200
0.5-6A	440V AC	EOCRSSD-05DR7	
3-30A	220V AC	EOCRSSD-30DM7	
3-30A	440V AC	EOCRSSD-30DR7	
10-60A	220V AC	EOCRSSD-60DM7	
10-60A	440V AC	EOCRSSD-60DR7	

**Note:** 2 SPST output contacts

To order an EOCR-SSD:

**E 0 C R S S D - 0 5 D M 7**

1	Current Range	5	0.5-6A
		30	3-30A
		60	10-60A
2	Output Contact State	D	b (95-96), a (97-98)
		B	AC/DC24V compatible
3	Operating Power supply/ Frequency	F7	AC110V, 50/60Hz
		M7	AC220V, 50/60Hz
		R7	AC440V, 50/60Hz

**Note:** For a CT combination type, please write an accessory code from the CT Order Codes separately.

For details on non standard references, technical parameters, accessories, compatibility, stockable and non stockable status please contact Customer Care

☑ NORMAL STOCK ITEMS

W.E.F. March 12, 2018

# Digital EOCR



- Micro-controller unit based
- Real time processing / High precision
- Protections : Over current, Under current, Phase loss, Phase reversal, Stall, Jam, Current Imbalance, Earth fault (3MZ2/FMZ2)
- Current Rating – 0.5 to 400A
- Bar graph indication of a load current to the current setting.
- Ancillary functions : Fail safe, Accumulated running hour, 3 faults records & limitation of auto-restart.

## 3DM2/3MZ2

- Built-in display EOCR
- 3MZ2 - ground fault protection variant



3DM2/3MZ2					
Current Range	Control Voltage	Reference	Description	Unit MRP [₹]	
0.5-60A	100-240V AC/DC	3DM2-WRDUW	Without ground - fault protection	17750	
		3DM2-WRDUH			
		3MZ2-WRAUW	With ground - fault protection		19150
		3MZ2-WRAUH			
		3MZ2-WRCUW			
		3MZ2-WRCUH			
		3MZ2-WRDUW			
		3MZ2-WRDUH			

## FDM2/FMZ2

- Extended display EOCR
- FMZ2 - ground fault protection variant



FDM2/FMZ2					
Current Range	Control Voltage	Reference	Description	Unit MRP [₹]	
0.5-60A	100-240V AC/DC	FDM2-WRDUW	Without ground - fault protection	17800	
		FDM2-WRDUH			
		FMZ2-WRAUW	With ground - fault protection		19200
		FMZ2-WRAUH			
		FMZ2-WRCUW			
		FMZ2-WRCUH			
		FMZ2-WRDUW			
		FMZ2-WRDUH			

## Selection Table for Digital EOCR

3DM2/FDM2 WR D U W Q

1 2 3 4 5 6

1	Model name	3DM2/FDM2	Basic model
		3MZ2/FMZ2	GF model
2	Current Range	WR	0.5-60A
		H1	100:5 3CT combination type
		HH	150:5 3CT combination type
		H2	200:5 3CT combination type
		H3	300:5 3CT combination type
		H4	400:5 3CT combination type
3	Output contact type	3MZ2/FMZ2	A a(97-98) : OC, a(57-58) : GF
		C	b(95-96) : a(97-98) : OC,GF common
		D	b(95-96) : OC, a(57-58) : GF
		3DM2/FDM2	D b(95-96), a(97-98)
4	Control voltage	U	100~240VAC/DC
		W	Window type
5	CT type	H	Bottom hole type

**Note:** For CT combination type, other control voltages and communication requirement please contact sales.

## EOCR Accessories

ZCT - Ground Fault Protection			
	Reference	Description	LP
	ZCT-035Q	ZCT EP 35 M/M	3700
	ZCT-080Q	ZCT EP 80 M/M	6200
	ZCT-120Q	ZCT EP 120 MM	10500

Display & Accessories for FDM2/FMZ2			
	Reference	Description	LP
	EOCR-PDM	DISPLAY	4900
	CABLE-RJ45-001Q	CABLE 1M	1500
	CABLE-RJ45-003Q	CABLE 3M	1700

## Square 3CT

3CT - H1 - 100 - C

1

Reference	Description	LP	
	H1-100-C	Square 3CT 100:5	on request
	HH-150-C	Square 3CT 150:5	
	H2-200-C	Square 3CT 200:5	
	H3-300-C	Square 3CT 300:5	
	H4-400-C	Square 3CT 400:5	

For details on non standard references, technical parameters, accessories, compatibility, stockable and non stockable status please contact Customer Care

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

# Motor management solution



GV4PEM



Tesys H



Tesys U



Tesys T



Your requirements

+



TeSys Intelligence

=

# 100% reliable

Schneider Electric puts reliability at the heart of its strategy of innovation and, with TeSys, offers a wide range of solutions for the Power Control and Protection that covers all your needs, from basic to advanced.

For details on non standard references, technical parameters, accessories, compatibility, stockable and non stockable status please contact Customer Care

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

# GV4PEM



- IEC/EN 60947-1,-2,-4-1, UL 60947-4-1, CCC, EAC, CSA
- Short circuit and overload protection- Embedded protection functions: jam, long start, phase unbalance or phase loss, ground fault
- LED indication on front face
- Remote indication, fault differentiation and alarming with the SDx module



Fully configurable on NFC using the TeSys GV4 app, available for select Android devices

## Multifunction Advanced Protection Toggle Control

Motor power AC3**		In (A)	Thermal setting range		25kA breaking capacity		50kA breaking Capacity		100kA breaking Capacity	
kW	hP		A	Reference	LP	Reference	LP	Reference	LP	
0.25..0.75	0.3..1	2	0.8..2	-	-	GV4PEM02N	-	GV4PEM02N	-	
0.55..1.5	0.7..2	3.5	1.4..3.5	-	-	GV4PEM03N	-	GV4PEM03N	-	
1.5..3	2..4	7	2.9..7	-	-	GV4PEM07N	on request	GV4PEM07N	on request	
3..5.5	4..7.5	12.5	5..12.5	-	-	GV4PEM12N	on request	GV4PEM12S	on request	
5.5..11	7.5..14	25	10..25	GV4PEM25B	on request	GV4PEM25N	on request	GV4PEM25S	on request	
11..22	15..30	50	20..50	GV4PEM50B	33000	GV4PEM50N	36000	GV4PEM50S	41000	
22..37	25..50	80	40..80	GV4PEM80B	34500	GV4PEM80N	37000	GV4PEM80S	42000	
37..55	40..75	115	65..115	GV4PEM115B	34500	GV4PEM115N	37000	GV4PEM115S	42000	

## Auxiliary Contact Blocks



An auxiliary contact block provides one changeover contact with one common point for OF and SD function, depending on where it is inserted

Open/Close OF Function: indicates position of the circuit breaker contacts

Trip Alarm SD Function: indicates circuit breaker tripping due to:

- Electrical fault (overload, short circuit)
- Shunt trip/Undervoltage release
- "Push to Trip" Function
- Resets when the circuit breaker is reset

Description	Maximum Number	Mounting	Type of Contacts	Reference	LP
Auxiliary Contact Block	2 (1 Each For Of Or Sd)	Internal Plug-In	NO+NC	GV4AE11	770

For details on non standard references, technical parameters, accessories, compatibility, stockable and non stockable status please contact Customer Care

NORMAL STOCK ITEMS

W.E.F. March 12, 2018



### MX Shunt Trip

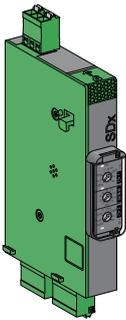
- Trips the circuit breaker when the control voltage rises above 70% of rated voltage
- Shunt trip 110..130V AC is suitable.. etc for ground fault protection when combined with a Class I ground fault sensing element

### MN Under Voltage Release

Trips the circuit breaker when the control voltage drops below 35% of its rated voltage

Description	Maximum Number	Mounting	Voltage	References	LP
Mx Shunt Trip	1	Internal, Plug-In	24 VAC 50/60 HZ, 24 VDC	GV4AS027	2020
			48 VAC 50/60 HZ, 48 VDC	GV4AS057	2020
			110-130 VAC 50/60 HZ, 125 VDC	GV4AS137	2020
			220-240 VAC 50 HZ, 208-240 VAC 60 HZ, 277 VAC 60 HZ	GV4AS287	2020
			380-415 VAC 50 HZ, 440-480 VAC 60 HZ	GV4AS487	2020
Mn Undervoltage Release	1	Internal, Plug-In	24 VAC 50/60 HZ, 24 VDC	GV4AU027	2640
			48 VAC 50/60 HZ, 48 VDC	GV4AU057	2640
			110-130 VAC 50/60 HZ, 125VDC	GV4AU137	2640
			220-240 VAC 50 HZ, 208-240 VAC 60 HZ	GV4AU247	2640
			277 VAC 60 HZ	GV4AU286	2640
			380-415 VAC 50 HZ	GV4AU415	2640
			440-480 VAC 60 HZ	GV4AU486	2640

## SDx Contact Module (For GV4PEM)



Provides fault differentiation and alarming for GV4PEM

2 NO/NC outputs dry contacts which can be assigned to any of the following 8 SD status

- SDT95% overload alarm when thermal image of the motor exceeds 95% of permissible temp rise
- SDTXXS overload alarm will trip in 10-40s (adjustable) with the same load
- SDTAM overload alarm before tripping - for phase imbalance, overload, jam, activates to open contactor before cb tripping
- SDT overload trip indication
- SDJAM jam trip indication
- SDUNB phase imbalance trip indication
- SDLS long start trip indication
- SDGF ground fault trip indication

Description	Maximum Number	Mounting	Type of Contacts	References	LP
SDx Alarming/Fault Differentiation Module	2	SIDE	NO/NC	GV4ADM1111	on request

### Rotary Handles

Description	Type	Degree of Protection	Reference	LP
Direct Mounting Rotary Handle	Black	IP40	GV4ADN01	1060
	Red Handle on Yellow Bezel	IP40	GV4ADN02	1060
Front Extended Rotary Handle (Min Shaft Length 214Mm/Max Shaft Length 627Mm)	Black	IP54	GV4APN01	1570
	Red Handle on Yellow Bezel	IP54	GV4APN02	1570
	Red Handle on Yellow Bezel	IP65	GV4APN04	1650
Side Rotary Handle (Left or Right)	Black	IP54	LV426935	2690
	Red Handle on Yellow Bezel	IP54	LV426936	2690

### Connection Accessories

Description	Reference	LP
Spreader 3-pole (To increase pitch to 35mm) (1 pce)	LV426940	580

For details on non standard references, technical parameters, accessories, compatibility, stockable and non stockable status please contact Customer Care

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

## The most compact 3 KW / 400 V starter in the world



### Up to 75 % of space reduction

- Ultra-compact 22.5 mm starter
- Reversing starter in the same width
- Maximum space savings for group starter architecture

### Long electrical durability

- Suitable for high demanding application
- 30 000 000 of AC53a electrical cycles

> With printed QR code, referring directly to the product data sheet.

### Easy Design

- Wide range setting motor protection
- Automatic, manual or remote reset after thermal trip
- Wide range of control voltage

### Easy to integrate

- Direct mounting installation on DIN rail
- Control terminals on the upper side
- Power terminal on the lower side

# TeSys H - Ultra-compact starters

## Standard version



- **2 ratings:**
  - 2.4 A 400 V AC53a
  - 6.5 A 400 V AC53a
- **2 control voltages:**
  - 24 V DC
  - 110 V / 230 V AC
- **2 terminal types:**
  - Screw clamps
  - Spring
- **Can provide up to 3 functions:**
  - Forward running
  - Reverse running
  - Overload protection

### Standard Starter TeSys H

Motor Power @ 415VAC	Current range	Screw terminals	Unit LP [₹]	Spring terminals	Unit LP [₹]
KW					
1 way (DOL)					
0.75	0.18...2.4A	LZ1H2X4**	On Request	LZ1H2X43**	On Request
3	1.5...6.5A	LZ1H6X5**	On Request	LZ1H6X53**	On Request
2 ways (RDOL)					
0.75	0.18...2.4A	LZ2H2X4**	On Request	LZ2H2X43**	On Request
3	1.5...6.5A	LZ2H6X5**	On Request	LZ2H6X53**	On Request

## Safety version



- **Safe Torque Off embedded:**
  - SIL3 according to IEC61508-1
  - Ple according to ISO13849-1
- **ATEX:**
  - As associated devices motor protection

### Safety Starter TeSys H

Motor Power @ 415VAC	Current range	Screw terminals	Unit LP	Spring terminals	Unit LP [₹]
KW					
1 way (DOL)					
0.75	0.18...2.4A	LZ7H2X4**	On Request	LZ7H2X43**	On Request
3	1.5...6.5A	LZ7H6X5**	On Request	LZ7H6X53**	On Request
2 ways (RDOL)					
0.75	0.18...2.4A	LZ8H2X4**	On Request	LZ8H2X43**	On Request
3	1.5...6.5A	LZ8H6X5**	On Request	LZ8H6X53**	On Request

\*\* Reference to be completed by adding coil voltage code BD (24 V DC) or FU (110-230V AC)

# Let TeSys U build the solution for you!



TeSys U is an innovative “self-protected combination starter” providing motor disconnect, motor branch circuit protection, motor controller and motor overload protection in a single product.

- Total Coordination compliant to IEC 60947-6-2 and UL 508 Type E
- Modular and Scalable
- Compact starter 45 mm width

# TeSys U - Make the Starter Smarter



- Total Coordinated Starter – 3 functions in a single device
- Compact Starter, DOL / RDOL upto 15kW(32A, AC-3) in 45mm width
- Direct connectivity to Modbus / Profibus / CANopen / DeviceNet /AS-i
- Higher switching life - 15Million operations, 2Million AC-43 electrical life
- Breaking capacity upto 130kA



## Power Base

For assembling components, ON/OFF operation and resetting.  
 > 2 power bases:  
 up to 12 A and up to 32 A  
 > Direct starter and reversing starter models.

## Control Unit

Performs all the electrical protection functions to cover main applications from 0 to 32 A.

Some of these also provide advanced measurement, alarm and display functions.

## 4 simple function modules

Thermal overload alarm Indication of motor load  
 Thermal overload signalling and manual reset  
 Thermal overloaded signalling and automatic or remote reset.

## 6 communication modules

AS-Interface  
 Profibus DP  
 CANopen  
 DeviceNet  
 Advantys STB  
 Modbus.

# 40%

“TeSys solutions allow us to reduce the size of our enclos says a panel builder from the water treatment sector

# 60%

“Late customization means that we can build 60% of the panels, even though the project design has not yet been completed” says an engineer in a food processing industry

Description	Rating at 440 V kW	Reference	Unit LP [₹]
<b>Power Bases for Non-Reversing D.O.L. Starter</b>			
12 A	Upto 5.5	LUB12	On Request
32 A	Upto 15	LUB32	On Request

Description	Rating at 440 V kW	Standard Reference	Advanced Reference	Multifunction Reference	Unit LP [₹]
<b>Control Units</b>					
0.15...0.6 A	0.09	LUCAX6**	LUCBX6**	LUCMX6BL	On Request
0.35...1.4 A	0.25	LUCA1X**	LUCB1X**	LUCM1XBL	On Request
1.25...5 A	1.5	LUCA05**	LUCB05**	LUCM05BL	On Request
3...12 A	5.5	LUCA12**	LUCB12**	LUCM12BL	On Request
4.5...18 A	7.5	LUCA18**	LUCB18**	LUCM18BL	On Request
8...32 A	15	LUCA32**	LUCB32**	LUCM32BL	On Request

**Note:** To make the complete unit you need to order base and any of the control units  
 \* Reference to be completed by adding coil voltage code

## \*\* Coil Voltage Code

VOLTAGE	24	48...72	100...240
DC	BL <sup>(1) (2)</sup>	-	-
AC	B	-	-
AC/DC	-	ES <sup>(3)</sup>	FU <sup>(4)</sup>

- (1) Voltage code to be used for a starter-controller with communication module.  
 (2) DC voltage with maximum ripple of ± 10 %.  
 (3) DC: 48...72 V, AC: 48 V.  
 (4) DC: 110...220 V, AC: 110...240 V.

For details on non standard references, technical parameters, accessories, compatibility, stockable and non stockable status please contact Customer Care

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

# Wherever productivity is a concern, intelligence to Motor Control is the solution



TeSys T Intelligence system optimises the operational performance of LV motors through advanced protections and embedded intelligent functions inside intelligent Motor Control Centre (iMCC)



# Tesys T Motor Management Systems

TeSys T covers all load monitoring and protection needs from feeders to critical process automation. The equipment is protected, while advanced diagnostics, statistics, and alarms help in anticipating unexpected production halts and minimize downtime. TeSys T is compact and a natural fit for control panels with IEC or NEMA standards. In addition, the system's connectivity and access to real-time data provides key information to enhance the operation and safety of the process while improving efficiency.

## Tesys T Controller:

Intelligent motor controller for 1P/3P Motors with built in CT up to 100Amps with accurate monitoring and protection functions, 6DI, 4DO, 1CBCT input, 1 Temperature probe

### Protection Functions:

- Thermal overload
- Phase imbalance and phase overloads
- Temperature monitoring via probes
- Phase reversal
- Ground fault detection
- Long start and Jam protection
- Load shedding
- Load fluctuations
- power factor monitoring

### Monitoring Functions:

- Phase and average current
- Line to Line and average voltage
- Motor temperature, ground current
- Active and Reactive Energy
- Frequency & Power Factor
- Detailed Fault history
- Fault counts
- motor statistics

### Control Functions:

- Local / Remote / HMI control
- Predefined programs for DOL, RDOL, Star-delta, two-speed starters

**Communication:** Seamless into your automation system. Supports five major communication protocols



## Expansion modules:



### LTMEV:

Voltage and power based protections (4DI).



### LTMCUF:

Easy monitor settings, configure & diagnose faults, compatible with laptops, **Fast Device Replacement (FDR)** for high machine uptime.

TeSys T now combines industry-standard Modbus TCP and EtherNet/IP protocols in the same module.

Description	Ethernet IP / Modbus TCP IP	Modbus	Profibus	CanOpen	DeviceNet	Unit LP [₹]
0.4 TO 8A	LTMR08E*	LTMR08M*	LTMR08P*	LTMR08C*	LTMR08D*	On Request
1.35 TO 27A	LTMR27E*	LTMR27M*	LTMR27P*	LTMR27C*	LTMR27D*	On Request
5 TO 100A	LTMR100E*	LTMR100M*	LTMR100P*	LTMR100C*	LTMR100D*	On Request
Extension Modules	LTMEV40**					
<b>Note:</b> Above 100 Amps external CT required.						
Voltage Expansion Module (4DI)	LTMEV40*					On Request
HMI Display Module	LTMCUF					On Request

\*Reference to be completed by adding control voltage code

## \*\* Control Voltage Code

VOLTAGE	
24 DC	BD
110 VAC	FM

For details on non standard references, technical parameters, accessories, compatibility, stockable and non stockable status please contact Customer Care

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

# TE Start - Lifeline of Motors



>> TDL



>> TSD/A



>> TRS

# TE Start & TeSys Motor Starters

- Exhaustive Range of industrial starters consisting of DOL, Reversing, Automatic star delta starters
- Better aesthetic & Assured performance
- Test to trip facility
- Built in single phasing protection

## DOL Starters



Motor Power HP	Thermal Protection Adjustment Range	Device Short Name	Reference	Unit MRP [₹]
----------------	-------------------------------------	-------------------	-----------	--------------

### TDL, Automatic 1 Phase (0.17 - 3 HP)

0.17	1.1...1.7 A	5TDL	MS11AC04*	2490
0.33	2.5...4 A	5TDL	MS11AC06*	
0.5	4...6 A	5TDL	MS11AC07*	
1	5.5...8 A	5TDL	MS11AC09*	
1.5	9...13 A	10TDL	MS11AC10*	2780
2		10TDL	MS11AC11*	
3		10TDL	MS11AC13*	

### TDL, Automatic 3 Phase (0.05 - 125 HP)

0.05	0.16...0.25 A	5TDL	MS13AC01*	2380
0.125	0.24...0.4 A	5TDL	MS13AC03*	
0.17	0.4...0.63 A	5TDL	MS13AC04*	
0.25	0.63...1 A	5TDL	MS13AC05*	
0.33		5TDL	MS13AC06*	
0.5	1...1.7 A	5TDL	MS13AC07*	2470
0.75		5TDL	MS13AC08*	
1	1.6...2.5 A	5TDL	MS13AC09* ✓	2470
1.5		5TDL	MS13AC10*	
2	2.5...4 A	5TDL	MS13AC11* ✓	2760
3	4...6 A	5TDL	MS13AC12* ✓	
5	5.5...8 A	5TDL	MS13AC14* ✓	4660
7.5	9...13 A	10TDL	MS13AC15* ✓	
10	12...18 A	10TDL	MS13AC16* ✓	7590
12.5	16...24 A	15TDL	MS13AC17*	
15		15TDL	MS13AC18* ✓	
17.5	23...32 A	20TDL	MS13AC19*	11950
20		20TDL	MS13AC20*	
25	30...40 A	30TDL	MS13AC21*	15680
30	37...50 A	30TDL	MS13AC22*	
40	48...65 A	40TDL	MS13AC24*	17970
50	63...80 A	50TDL	MS13AC26*	
75	84...135 A	75TDL	MS13AC28*	27740
100	124...198 A	100TDL	MS13AC29*	
125		125TDL	MS13AC30*	

### TRS, Automatic Reversing 3 Phase (3 - 20 HP)

3	4...6 A	10TRS	MS13RJ12*	6770
5	5.5...8 A	10TRS	MS13RJ14*	
7.5	9...13 A	10TRS	MS13RJ15*	
10	12...18 A	10TRS	MS13RJ16*	
12.5	16...24 A	20TRS	MS13RJ17*	11080
15		20TRS	MS13RJ18*	
17.5	23...32 A	20TRS	MS13RJ19*	11690
20		20TRS	MS13RJ20*	

## Star Delta Starters



Motor Power HP	Thermal Protection Adjustment Range	Device Short Name	Reference	Unit MRP [₹]
----------------	-------------------------------------	-------------------	-----------	--------------

### TSD/A, Automatic 3 Phase (7.5 - 400 HP)

7.5	5.5...8 A	15TSDA	MS23AI15*	8070
10	7...10 A	15TSDA	MS23AI16* ✓	8070
12.5	9...13 A	15TSDA	MS23AI17*	8190
15		15TSDA	MS23AI18* ✓	8190
20	12...18 A	30TSDA	MS23AI20* ✓	9300
25	16...24 A	30TSDA	MS23AI21* ✓	10570
30	23...32 A	30TSDA	MS23AI22* ✓	12220
35		40TSDA	MS23AI23*	19600
40	30...38 A	40TSDA	MS23AI24*	21580
50	37...50 A	50TSDA	MS23AI26*	26200
60		75TSDA	MS23AI27*	45460
75	45...65 A	75TSDA	MS23AI28*	48540
100	62...99 A	100TSDA	MS23AI29*	63160
125	84...135 A	125TSDA	MS23AI30*	65590
150		150TSDA	MS23AI31*	81630
200	124...198 A	200TSDA	MS23AI32*	98100
250	174...279 A	250TSDA	MS23AI33*	123800
400	259...414 A	400TSDA	MS23AI34*	148850

### \*Coil Voltage Code

VOLTAGE	220	415
AC 50 Hz	M5	N5

**Note:-** For Three and Single Phase, the standard Stockable Coil Voltages are 415V and 220V respectively.

**Note:-** Submersible Star-Delta Starter Panel Starters are available on request. Please consult our local Sales Office.

## TeSys Starters D.O.L

Thermal protection Adjustment Range	Motor Power kW	Reference	Unit MRP [₹]
-------------------------------------	----------------	-----------	--------------

### LE1-M Model Enclosed

- Conforming to IEC 947-4-1 for motors upto 7.5 kW

0.54...0.8 A	0.25	LE1M35**05	3560
0.8...1.2 A	0.37	LE1M35**06	3990
1.2...1.8 A	0.55	LE1M35**07	3960
1.8...2.6 A	0.75	LE1M35**08	4200
2.6...3.7 A	1.50	LE1M35**10	
3.7...5.5 A	2.20	LE1M35**12	
5.5...8 A	3	LE1M35**14	3960
8...11.5 A	4	LE1M35**16	4200
10...14 A	5.50	LE1M35**21	4450
12...16 A	7.50	LE1M35**22	4200

### \*\* Coil Voltage Code

VOLTAGE	220/230	380/400	400/415
Code	M7	Q7	N7

For details on non standard references, technical parameters, accessories, compatibility, stockable and non stockable status please contact Customer Care

✓ NORMAL STOCK ITEMS

W.E.F. March 12, 2018

# Starters Spares

## Spare Parts

Description	Lot Order Quantity	Reference	Unit MRP [₹]
<b>For TDL, TRS &amp; TSD/A Starters</b>			
Pushbutton Actuator Assembly for 10/40/50/75/100/125 TDL	10	MSMC02	200
Pushbutton Switch Assembly for 10 TDL	10	MSMC03	400
Start Pushbutton Assembly for 40 - 400 TSDA	10	MSMI01	260
Stop Pushbutton Assembly for 40 - 400 TSDA	10	MSMI02	260
9 Way Terminal Block for 15 TSDA	10	MSMI03	380
9 Way Terminal Block for 30 TSDA	10	MSMI04	380
9 Way Terminal Block for 40 - 75 TSDA	10	MSMI05	910
Electronic Timer for 15 - 400 TSDA	10	MSMI06 <input checked="" type="checkbox"/>	1780
Pushbutton Actuator Assembly for 15/20/30 TDL, 10/20 TRS &15/30 TSDA	10	MSMK01	430

**Note:-** For Spare coil, contactor, O/L relay and accessories, please see Activa pricelist separately.

For details on non standard references, technical parameters, accessories, compatibility, stockable and non stockable status please contact Customer Care

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

# Selection Chart:

## EasyPact TVS DOL (Type 2 Co-ordination with Fuse)

- Standard: IEC 60947-4-1
- Fuses: Cooper Bussmann
- Iq (A): 50KA
- Ue: 415Vac / 50Hz
- Contactor Coil: Type M5 (220 Vac/ 50 Hz)

Motor Output		FLC		SDF (NX Range)		Contactor		Thermal Overload Relay	
KW	HP	I(A)	Type	Fuse Type	Fuse Rating (A)	Type	AC3 (A)	Type	Range (A)
0.37	0.5	1	NX32	6NHG000B	6	LC1E09	9	LRE06	1.0 - 1.6
0.55	0.75	1.5	NX32	6NHG000B	6	LC1E09	9	LRE06	1.0 - 1.6
0.75	1	2	NX32	6NHG000B	6	LC1E09	9	LRE07	1.6 - 2.5
1.5	2	3.5	NX32	16NHG000B	16	LC1E09	9	LRE08	2.5 - 4.0
2.2	3	5	NX32	16NHG000B	16	LC1E09	9	LRE10	4.0 - 6.0
3	4	6.8	NX32	20NHG000B	20	LC1E09	9	LRE12	5.5 - 8.0
4	5.5	8.4	NX32	20NHG000B	20	LC1E09	9	LRE14	7.0 - 10
5.5	7.5	11.2	NX32	25NHG000B	25	LC1E12	12	LRE16	9.0 - 13
7.5	10	14	NX63	40NHG000B	40	LC1E18	25	LRE21	12.0 - 18
9	12	18	NX63	50NHG000B	50	LC1E25	25	LRE22	16 - 24
11	15	21	NX63	50NHG000B	50	LC1E32	32	LRE22	16 - 24
15	20	28.5	NX63	63NHG000B	63	LC1E32	40	LRE32	23 - 32
18.5	25	34	NX80	80NHG000B	80	LC1E40	40	LRE355	30 - 40
22	30	42	NX80	80NHG000B	80	LC1E50	50	LRE357	37 - 50
30	40	57	NX100	100NHG000B	100	LC1E65	65	LRE359	48- 65
37	50	70	NX125	125NHG000B	125	LC1E80	80	LRE363	63- 80
45	60	81	NX160	160NHG000B	160	LC1E95	95	LRE365	80- 104
56	75	100	NX160	160NHG000B	160	LC1E120	115	LRE482	84- 135
80	107	138	NX250	250NHG1B	250	LC1E160	150	LRE483	124- 198
90	120	165	NX250	250NHG1B	250	LC1E160	160	LRE483	124- 198
100	135	182	NX315	315NHG2B	315	LC1E200	200	LRE483	124- 198
110	150	196	NX315	315NHG2B	315	LC1E200	200	LRE483	124- 198
132	177	240	NX400	355NHG2B	355	LC1E250	250	LRE485	174- 279
160	215	285	NX400	400NHG2B	400	LC1E300	300	LRE486	208- 333

## EasyPact TVS Star Delta (Type 2 Co-ordination with Fuse)

- Standard: IEC 60947-4-1
- Fuses: Cooper Bussmann
- Iq (A): 50KA
- Ue: 415Vac / 50Hz
- Contactor Coil: Type M5 (220 Vac/ 50 Hz)

Motor Output		FLC		SDF (NX Range)		Contactor		Thermal Overload Relay				
KW	HP	I Line (A)	I phase (A)	Type	Fuse Type	Fuse Rating (A)	Star Contactor	AC3- A	Main / Delta Contactor	AC3- A	Type	Range (A)
1.5	2	4	2.3	NX32	10NHC00G	10	LC1E09	9	LC1E09	9	LRE07	1.6-2.5
2.2	3	5	3	NX32	16NHC00G	16	LC1E09	9	LC1E09	9	LRE08	2.5-4
3	4	7	4	NX32	16NHC00G	16	LC1E09	9	LC1E09	9	LRE08	2.5-4
4	5.3	9	5	NX32	20NHC00G	20	LC1E09	9	LC1E09	9	LRE10	4-6
5.5	7.5	10	6	NX32	20NHC00G	20	LC1E09	9	LC1E09	9	LRE12	5.5-8
7.5	10	16	9	NX32	32NHC00G	32	LC1E09	9	LC1E09	9	LRE14	7-10
9	12	17	10	NX32	32NHC00G	32	LC1E09	9	LC1E12	9	LRE14	7-10
11	15	21	12	NX63	50NHC00G	50	LC1E12	12	LC1E12	12	LRE16	9-13
15	20	28	16	NX63	63NHC00G	63	LC1E18	18	LC1E18	18	LRE21	12-18
22	30	42	24	NX80	80NHC00G	80	LC1E25	25	LC1E25	25	LRE32	23-32
30	40	57	33	NX125	100NHG00B	100	LC1E40	40	LC1E40	40	LRE355	30-40
45	60	81	47	NX125	125NHG00B	125	LC1E40	40	LC1E50	50	LRE357	37-50
55	75	100	58	NX125	125NHG00B	125	LC1E40	40	LC1E65	65	LRE359	48-65
80	107	139	80	NX200	200NHG1B	200	LC1E80	80	LC1E80	80	LRE363	63-80
110	150	196	113	NX315	315NHG2B	315	LC1E300	300	LC1E300	300	LRE482	84~135
160	215	286	165	NX400	355NHG2B	355	LC1E300	300	LC1E300	300	LRE483	124~198

For details on non standard references, technical parameters, accessories, compatibility, stockable and non stockable status please contact Customer Care

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

# Selection Chart:

## TeSys Standard DOL Motor Starters (Type 1 Co-ordination with MPCB at 415 V)

- Fault indication features possible
- Chance of single phasing reduced
- No replacement of fuses
- More reliability
- No running cost

Motor Rating kW	Operational Current in A	Iq* kA	Motor Circuit Breaker	Thermal Range	Contactors
0.37	1.0	50	GV2ME05	0.63-1	LC1K06
0.55	1.5	50	GV2ME06	1-1.6	LC1K06
0.75	2.0	50	GV2ME07	1.6-2.5	LC1K06
1.1	2.5	50	GV2ME08	2.5-4	LC1K06
1.5	3.5	50	GV2ME08	2.5-4	LC1K06
2.2	5.0	50	GV2ME10	4-6.3	LC1K06
3.0	6.5	50	GV2ME14	6-10	LC1K09
4.0	8.4	50	GV2ME14	6-10	LC1K09
5.5	11.0	15	GV2ME16	9-14	LC1K12
7.5	14.8	15	GV2ME20	13-18	LC1D18
9.0	18.1	15	GV2ME21	17-23	LC1D25
11.0	21.0	15	GV2 ME22	20-25	LC1D25
15.0	28.5	10	GV2ME32	24-32	LC1D32
18.5	35.0	50	GV3P40	30-40	LC1D40A
22.0	42.0	50	GV3P50	37-50	LC1D50A
30.0	57.0	50	GV3P65	48-65	LC1D65A
37.0	69.0	15	GV3ME80	56-80	LC1D80
45.0	81.0	25	GV7RE100	60-100	LC1D95
55.0	100.0	25	GV7RE150	90-150	LC1D115
75.0	135.0	35	GV7RE150	90-150	LC1D150
90.0	165.0	35	GV7RE220	132-220	LC1F185
110.0	200.0	35	GV7RE220	132-220	LC1F225

Iq\* - Rated conditional short circuit at operational voltage 415/440V

For details on non standard references, technical parameters, accessories, compatibility, stockable and non stockable status please contact Customer Care

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

# With TeSys you are ready for premium efficiency



TeSys motor starters are tested and proven for IE3 motors.

TeSys is IE3 ready!

## \* TeSys High Performance DOL Motor Starters (Type 2 Co-ordination with MPCB at 415 V)

- No down time
- Fault indication features possible
- Chance of single phasing reduced
- No replacement of HRC fuses
- More reliability
- No running cost

Motor Rating kW	Operational Current in A	Iq* kA	Motor Circuit Breaker	Thermal Range	Contactor
0.37	1	130	GV2ME05	0.63-1	LC1D09
0.55	1.5	130	GV2ME06	1-1.6	LC1D09
0.75	2	130	GV2ME07	1.6-2.5	LC1D09
1.1	2.5	130	GV2ME08	2.5-4	LC1D09
1.5	3.5	130	GV2ME08	2.5-4	LC1D09
2.2	5	130	GV2ME10	4-6.3	LC1D09
3.0	6.5	130	GV2ME14	6-10	LC1D09
4.0	8.4	130	GV2ME14	6-10	LC1D09
5.5	11	130	GV2ME16	9-14	LC1D25
7.5	14.8	50	GV2P20	13-18	LC1D25
9.0	18.1	50	GV2P21	17-23	LC1D25
11.0	21	50	GV2P22	20-25	LC1D25
15.0	28.5	35	GV2P32	25-32	LC1D32
18.5	35	50	GV3P40	30-40	LC1D40A
22.0	42	50	GV3P50	37-50	LC1D50A
30.0	57	50	GV3P65	48-65	LC1D65A
37.0	64	100	GV4PE80S / GV4PEM80S	40-80	LC1D80
45.0	77	100	GV4PE115S / GV4PEM115S	65-115	LC1D115
55.0	94	100	GV4PE115S / GV4PEM115S	65-115	LC1D150
75.0	135	70	GV7RS150	90-150	LC1D150
90.0	165	70	GV7RS220	132-220	LC1F185
110.0	200	70	GV7RS220	132-220	LC1F225

Iq\* Rated conditional short circuit at operational voltage 415/440 V

\* Breaking Capacity of Circuit Breakers can be increased by using current limiter type GV1L3

For star- delta Co-ordination chart please contact regional sales office..

For details on non standard references, technical parameters, accessories, compatibility, stockable and non stockable status please contact Customer Care

NORMAL STOCK ITEMS

W.E.F. March 12, 2018



## TeSys selection tools

To find the right combinations of products for your motor starters is simpler and quicker now.

> To download applications, connect on:

### Motor Starter Selection Guide App

- It includes the most common solutions of enclosed motor starters
- Motor rated power up to 30 kW

App for iPad



### TeSys Enclosed Motor Starter Solution Guide

- Quick selection of TeSys motor starter most common combinations
- Motor rated power up to 75 kW

App for iPad and iPhone



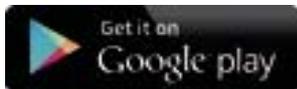
### Low Voltage Motor Starter Solution Guide

- Define your motor starter solution among the complete TeSys offer
- Motor rated power up to 710 kW

App for iPad



App for Smartphone and tablet



> To discover the TeSys range and stay updated, connect on:



[www.schneider-electric.com/tesys](http://www.schneider-electric.com/tesys)



For details on non standard references, technical parameters, accessories, compatibility, stockable and non stockable status please contact Customer Care

✓ NORMAL STOCK ITEMS

W.E.F. March 12, 2018



Life Is On

**Schneider**  
Electric

## Schneider Electric India Pvt. Ltd.

Corporate Office: 9th Floor, DLF Building No. 10, Tower C, DLF Cyber City, Phase II, Gurugram 122002 Haryana  
Tel.: ++91 124 3940400 Fax: ++91 124 4222036/ 037

**Ahmedabad**  
Schneider Electric India (P) Ltd.  
1506-1507, 15th Floor Shapth-5,  
SG Highway, Ahmedabad - 380015  
Tel.: 079-66826701

**Cochin**  
Schneider Electric India (P) Ltd.  
41 / 406- D1,3rd Floor, Beejay Towers,  
Rajaji Road Cochin- 682035  
Tel.: 0484-3048401

**Ludhiana**  
Schneider Electric India (P) Ltd.  
Office No. - 3, 5th Floor, Novelty Plaza  
Bhaiwala Chowk  
Ludhiana- 140001  
Tel.: 0161- 4656672-75

**Secunderabad**  
D.No. 1-8-271, # 401, Ashoka Bhoopal  
Chambers, SP Road,  
Secunderabad - 500003  
Tel.: 04039404000  
Fax.: 040-39131313

**Bengaluru**  
Schneider Electric India (P) Ltd.  
No. 3/1, JP Techno Park,  
Mezzanine Floor, Millers Tank Bund  
Road, Vasanth Nagar,  
Bengaluru - 560052. Tel.: 080-67227800

**Coimbatore**  
Schneider Electric India (P) Ltd.  
No. -104, Classic Tower, 3rd Floor,  
Trichy Road, Coimbatore- 641018  
Tel.: 0422-3940400

**Mumbai**  
Schneider Electric India (P) Ltd.  
Marwah House, 2nd Floor  
Krishanlal Marwah Marg,  
Andheri (East), Mumbai - 400072  
Tel.: 91-22-30263300

**Vadodara**  
605 & 606, 6th Floor Ocean Building,  
Opp.Vadodara Central, Sarabhai Road,  
Vadodara-390005  
Tel.: 0265-3940400

**Bhubaneswar:**  
Schneider Electric India (P) Ltd.  
6th Floor, Block A, JSS Software  
Technology park, E 1/1 , Chandaka  
Industrial Estate, Info City ,  
Bhubaneswar -751025  
Tel.: 0674-6672000

**Jaipur**  
Schneider Electric India (P) Ltd.  
Jaipur Business Centre 309, 3rd  
Floor, Sangam Tower 190, Church  
Road, Jaipur-302001  
Tel.: 0141-3912903

**Nagpur**  
Schneider Electric India (P) Ltd.  
Fortune Business Centre, 6,  
Basant Vihar, W.H.C Road  
Shankar Nagar, Nagpur- 440010  
Tel.: 0712-2558581

**Vishakhapatnam**  
Schneider Electric India (P) Ltd.  
Ratnam's Business Centre,  
D.N.10-1-43, 1st Floor  
Siripuram Fort,C.B.M.Compound,  
Vishakhapatnam- 530016  
Tel.: 0891 - 2508990

**Chandigarh**  
Schneider Electric India (P) Ltd.  
2nd Floor of Tower A  
Bestech Business Tower  
Sector-66  
Mohali- 160059  
Tel.: 0172-3324500

**Kolkata**  
Schneider Electric (I)Pvt.Ltd,  
BP-4, Sector-V  
Technopolis  
3rd floor, Salt Lake City  
Kolkata- 700 091  
Tel.: 033-333640100-101

**Nashik:**  
Schneider Electric India (P) Ltd.  
401, 4th Floor Rishi Raj Towers, Jehan  
Circle, Gangapur Road,  
Nashik- 422013  
Tel: +91-7620498557

**Chennai**  
Schneider Electric India (P) Ltd.  
No:29, 2nd floor, Bannari Amman Towers,  
B-Block,RK Salai, Mylapore,  
Chennai - 600 004  
Tel.:044- 39404000

**Lucknow**  
Schneider Electric India (P) Ltd.  
1st Floor, Asha Bhawan 27 / II -A,  
Gokhale Marg, Lucknow- 226001  
Tel.: 0522-4006010

**Pune**  
Schneider Electric India (P) Ltd.  
1st Floor, R.B. Business Centre  
Above Dass Electronics  
Sanghvi Nagar, Aundh, Pune- 411007  
Tel.: 020-39404000

### Customer Care Centre

Monday-Saturday, 9 a.m. to 8 p.m.

Toll-free numbers: 1800 419 4272, 1800 103 0011

Email: [customer.care.in@schneider-electric.com](mailto:customer.care.in@schneider-electric.com)

For more information, visit our website at: [www.schneider-electric.co.in](http://www.schneider-electric.co.in)

- All Prices are in Indian Rupees.
- Prices are subject to change without notice.
- Prices charged will be as prevailing on the date of dispatch.
- Maximum Retail Price (MRP) is inclusive of all taxes

- Tax incidence on invoices is basis applicable GST rates. Invoice amount not to exceed MRP.
- Invoice Amount = (MRP – less Applicable discount) + Applicable GST %

**Distributor**

Life Is On

Schneider  
Electric



 Price List

# Final Distribution, Wiring Devices and Lighting Control Products

With effect from March 12, 2018



[schneider-electric.co.in](http://schneider-electric.co.in)



**Acti 9 Distribution System**

- > Miniature Circuit Breakers (MCBs) . . . . . 08
- > Residual Current Devices (RCDs) . . . . . 11
- > Auxiliaries and Accessories for MCBs/RCDs . . . . . 14
- > Surge Protection Devices (SPDs) . . . . . 16
- > Control and Command Products . . . . . 18
- > ComReady Control and Command Products . . . . . 20
- > Modular Distribution Boards - Metallic . . . . . 26

**Enclosures and Plugs & Sockets**

- > NeoBreak Distribution Boards . . . . . 30
- > Kaedra Enclosures - Weather Proof . . . . . 32
- > PratiKa Plugs & Sockets - IP44 / IP67 . . . . . 34
- > Electra Metal Clad Plugs & Sockets . . . . . 38
- > 56 Series Plugs & Sockets - IP56 / IP66 . . . . . 39

**Wiring Devices**

- > Wiser Odace™ LIGHTING . . . . . 43
- > LIVIA . . . . . 44
- > Opale . . . . . 45
- > ZENcelo India . . . . . 48
- > ZENcelo BS . . . . . 50
- > NEO . . . . . 52
- > ULTI Impress . . . . . 54
- > Kavacha . . . . . 56
- > Metal Boxes . . . . . 57

**Control System**

- > EzInstall3 - ULTIZIGBEE . . . . . 58
- > WISER Home . . . . . 59
- > Sympholux - KNX, C-Bus, DALI . . . . . 60
- > Hotel Series . . . . . 61
- > Argus . . . . . 63
- > Control and Command Products . . . . . 64
- > Analog Timers . . . . . 65

**Structured Cabeling Solutions**

- > Datacomms . . . . . 66

# Acti 9 | Advanced Communication Technology that Inspires

## > Protection devices

- Miniature circuit breakers
- Residual current circuit breakers
- Vigi™ residual current devices
- Surge Protection Devices

## > Protection monitoring and supervision

- Indication and tripping auxiliaries
- Remote control auxiliaries
- Automatic reclosure auxiliaries



Innovative  
Protection monitoring Total control and  
Metering @ DB level



Efficient  
Manage loads, reduce operating and project  
costs, and accurately plan maintenance

## > Control and monitoring

- Contactors
- Impulse relays
- Integrated control circuit breakers
- Light indicators
- Push-buttons and selector switches
- Kilowatt hour meters
- Communicating architecture

## > Installation system

- IP20B terminals
- Splitter blocks
- Full range of mounting and wiring accessories



Reliable

Dual certifications for one product, 100 percent MCB and RCD coordination, easy ordering and design, error free fast connections

# Acti 9 | Advanced Communication Technology that Inspires.....

## > Innovative

- Centralized control system including energy metering
- Large and variable data reading and computing through universal Modbus protocol

## > Efficient

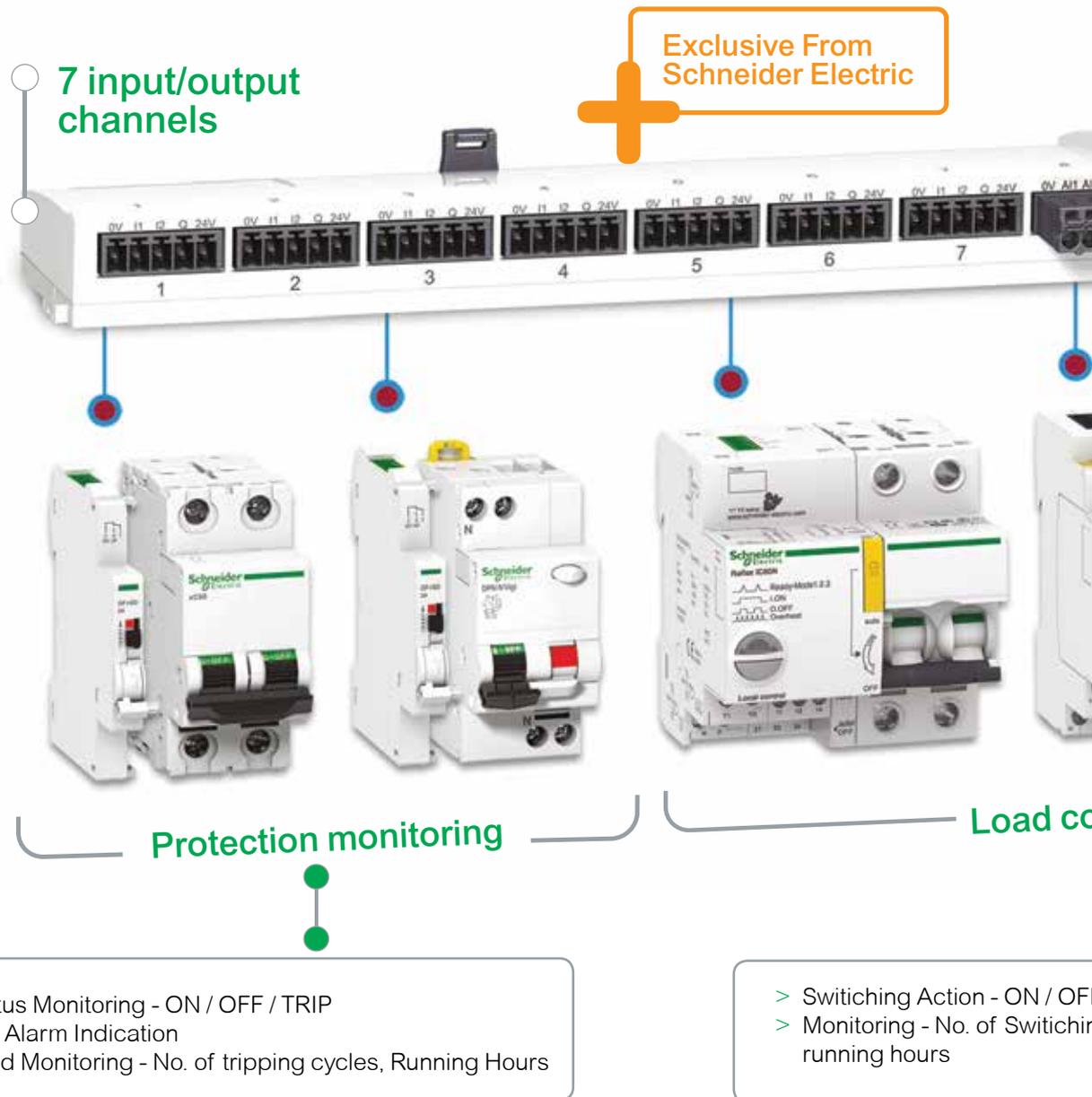
- One-click, prefabricated wiring for comprehensive communication between your distribution board or panel and any facility management system

## > Reliable

- Error proof connection leading to reduction in downtime
- EMC tested for immunity, radiated and conducted safety

**NEW**

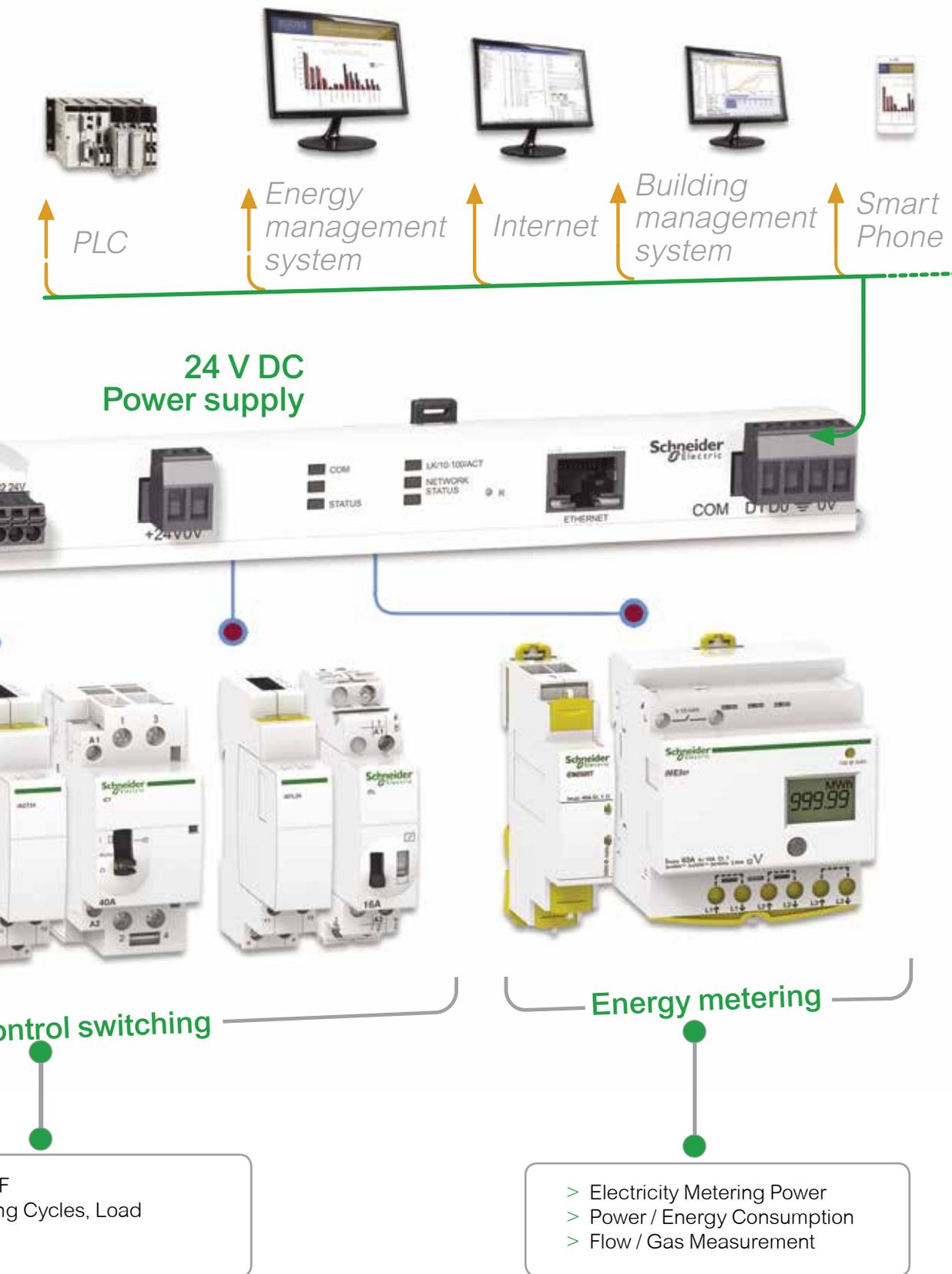
Email Notification upon Event (Devices Status Change, Alarm threshold reached etc.)



Meets the challenge of all your applications

Detailed load control, reduced downtime and accurately planned maintenance

# Ready to connect to any facility management solution



**Green Premium Products**  
 100% Recyclable and Recoverable  
 REACH, ROHS, PEP, EOL1 compliant

### AC Miniature Circuit Breakers - xC60



- Breaking Capacity as per IEC 60898 and IS/IEC 60898-1, Icn = 10kA
- Breaking Capacity as per IEC 60947-2, Icn = 15kA, upto 40A
- Can be used for DC application upto 60V per pole
- Higher system performance with optimized cost: Cascading\*
- Increased System Continuity: Discrimination\*
- Higher Installation Life: Energy Limitation Class 3, Fast Closure Mechanism
- Ease, Speed and Flexibility of installation - Biconnect, Line-Load Reversible
- Field-fittable auxiliaries for advance protection and monitoring
- Positive Contact Indication for assurance of disconnection

[In] Rated Current (A)	1 Pole Reference	Unit LP [₹]	2 Pole Reference	Unit LP [₹]	3 Pole Reference	Unit LP [₹]	4 Pole Reference	Unit LP [₹]
Module Width**	1 mod		2 mod		3 mod		4 mod	
MOQ	12 Nos.		6 Nos.		4 Nos.		3 Nos.	

#### B curve

6	A9N1P06B ✓	298	A9N2P06B ✓	902	A9N3P06B ✓	1475	A9N4P06B ✓	1990
10	A9N1P10B ✓	298	A9N2P10B ✓	902	A9N3P10B ✓	1475	A9N4P10B ✓	1990
16	A9N1P16B ✓	298	A9N2P16B ✓	902	A9N3P16B ✓	1475	A9N4P16B ✓	1990
20	A9N1P20B ✓	298	A9N2P20B ✓	902	A9N3P20B ✓	1475	A9N4P20B ✓	1990
25	A9N1P25B ✓	298	A9N2P25B ✓	902	A9N3P25B ✓	1475	A9N4P25B ✓	1990
32	A9N1P32B ✓	298	A9N2P32B ✓	902	A9N3P32B ✓	1475	A9N4P32B ✓	1990
40	A9N1P40B ✓	660	A9N2P40B ✓	1455	A9N3P40B ✓	2250	A9N4P40B ✓	2865
50	A9N1P50B ✓	660	A9N2P50B ✓	1455	A9N3P50B ✓	2250	A9N4P50B ✓	2865
63	A9N1P63B ✓	660	A9N2P63B ✓	1455	A9N3P63B ✓	2250	A9N4P63B ✓	2865

#### C curve

1	A9N1P01C ✓	464	A9N2P01C ✓	1255	A9N3P01C ✓	1940	A9N4P01C ✓	2450
2	A9N1P02C ✓	464	A9N2P02C ✓	1255	A9N3P02C ✓	1940	A9N4P02C ✓	2450
3	A9N1P03C ✓	464	A9N2P03C ✓	1255	A9N3P03C ✓	1940	A9N4P03C ✓	2450
4	A9N1P04C ✓	464	A9N2P04C ✓	1255	A9N3P04C ✓	1940	A9N4P04C ✓	2450
6	A9N1P06C ✓	298	A9N2P06C ✓	902	A9N3P06C ✓	1475	A9N4P06C ✓	1990
10	A9N1P10C ✓	298	A9N2P10C ✓	902	A9N3P10C ✓	1475	A9N4P10C ✓	1990
16	A9N1P16C ✓	298	A9N2P16C ✓	902	A9N3P16C ✓	1475	A9N4P16C ✓	1990
20	A9N1P20C ✓	298	A9N2P20C ✓	902	A9N3P20C ✓	1475	A9N4P20C ✓	1990
25	A9N1P25C ✓	298	A9N2P25C ✓	902	A9N3P25C ✓	1475	A9N4P25C ✓	1990
32	A9N1P32C ✓	298	A9N2P32C ✓	902	A9N3P32C ✓	1475	A9N4P32C ✓	1990
40	A9N1P40C ✓	660	A9N2P40C ✓	1455	A9N3P40C ✓	2250	A9N4P40C ✓	2865
50	A9N1P50C ✓	660	A9N2P50C ✓	1455	A9N3P50C ✓	2250	A9N4P50C ✓	2865
63	A9N1P63C ✓	660	A9N2P63C ✓	1455	A9N3P63C ✓	2250	A9N4P63C ✓	2865

#### D curve

1	A9N1P01D ✓	468	A9N2P01D	1265	A9N3P01D ✓	1980	----	----
2	A9N1P02D ✓	468	A9N2P02D ✓	1265	A9N3P02D ✓	1980	A9N4P02D	2465
3	A9N1P03D ✓	468	A9N2P03D ✓	1265	A9N3P03D ✓	1980	A9N4P03D	2465
4	A9N1P04D ✓	468	A9N2P04D ✓	1265	A9N3P04D ✓	1980	A9N4P04D	2465
6	A9N1P06D ✓	394	A9N2P06D ✓	946	A9N3P06D ✓	1550	A9N4P06D ✓	2065
10	A9N1P10D ✓	394	A9N2P10D ✓	946	A9N3P10D ✓	1550	A9N4P10D ✓	2065
16	A9N1P16D ✓	394	A9N2P16D ✓	946	A9N3P16D ✓	1550	A9N4P16D ✓	2065
20	A9N1P20D ✓	394	A9N2P20D ✓	946	A9N3P20D ✓	1550	A9N4P20D ✓	2065
25	A9N1P25D ✓	394	A9N2P25D ✓	946	A9N3P25D ✓	1550	A9N4P25D ✓	2065
32	A9N1P32D ✓	394	A9N2P32D ✓	946	A9N3P32D ✓	1550	A9N4P32D ✓	2065
40	A9N1P40D ✓	712	A9N2P40D ✓	1540	A9N3P40D ✓	2385	A9N4P40D ✓	2995
50	A9N1P50D ✓	712	A9N2P50D ✓	1540	A9N3P50D ✓	2385	A9N4P50D ✓	2995
63	A9N1P63D ✓	712	A9N2P63D ✓	1540	A9N3P63D ✓	2385	A9N4P63D ✓	2995

**Note:** \* Please contact nearest Schneider Electric Sales Office or Customer Care Center for coordination chart  
\*\*18mm/module

### AC Miniature Circuit Breakers - C120



- Breaking capacity as per IEC 60898, Icn = 10kA/15kA
- Positive Contact Indication for assurance of disconnection
- Degree of pollution: 3 (suitable for industrial environment)
- Operating Temperature: -30 to 70°C
- Terminal connections: Flexible cables up to 35 sq.mm; Rigid cables up to 50 sq.mm

[In] Rated Current (A)	1 Pole Reference	Unit LP (₹)	2 Pole Reference	Unit LP (₹)	3 Pole Reference	Unit LP (₹)	4 Pole Reference	Unit LP (₹)
Module Width**	1.5 mod		3 mod		4.5 mod		6 mod	
MOQ	12 Nos.		6 Nos.		4 Nos.		3 Nos.	
<b>C120N (10kA)</b>								
80	A9N18357 <input checked="" type="checkbox"/>	2400	A9N18361 <input checked="" type="checkbox"/>	5325	A9N18365 <input checked="" type="checkbox"/>	8390	A9N18372 <input checked="" type="checkbox"/>	10930
100	A9N18358 <input checked="" type="checkbox"/>	2695	A9N18362 <input checked="" type="checkbox"/>	5680	A9N18367 <input checked="" type="checkbox"/>	8940	A9N18374 <input checked="" type="checkbox"/>	11395
125	A9N18359 <input checked="" type="checkbox"/>	2905	A9N18363 <input checked="" type="checkbox"/>	6245	A9N18369 <input checked="" type="checkbox"/>	9915	A9N18376 <input checked="" type="checkbox"/>	12890
<b>C120H (15kA)</b>								
80	A9N18446	2880	A9N18457	6475	A9N18468	9860	A9N18479	12660
100	A9N18447	3175	A9N18458	6635	A9N18469	10740	A9N18480	13645
125	A9N18448	3470	A9N18459	7530	A9N18470	11590	A9N18481	14825

### DC Miniature Circuit Breakers - C60H



- Specially designed MCB for enhanced protection in DC installation
- Magnetic Arc Chutes to quick break DC current in event of fault
- Breaking capacity 6kA as per IEC 60947-2
- Voltage Rating: 1P - 250 V DC & 2P - 500 V DC
- Impulse Voltage: 6 kV
- Higher Installation Life: Energy Limiting Class: 3

[In] Rated Current (A)	Module Width 18mm/ module	1 Pole Reference	Unit LP (₹)	Module Width 18mm/ module	2 Pole Reference	Unit LP (₹)
MOQ		12 Nos.			6 Nos.	
<b>C60H-DC</b>						
0.5	1	A9N61500	892	2	A9N61520	1885
1	1	A9N61501 <input checked="" type="checkbox"/>	790	2	A9N61521 <input checked="" type="checkbox"/>	1635
2	1	A9N61502 <input checked="" type="checkbox"/>	790	2	A9N61522 <input checked="" type="checkbox"/>	1635
3	1	A9N61503 <input checked="" type="checkbox"/>	790	2	A9N61523 <input checked="" type="checkbox"/>	1635
4	1	A9N61504 <input checked="" type="checkbox"/>	790	2	A9N61524 <input checked="" type="checkbox"/>	1635
5	1	A9N61505	790	2	A9N61525	1635
6	1	A9N61506 <input checked="" type="checkbox"/>	648	2	A9N61526 <input checked="" type="checkbox"/>	1385
10	1	A9N61508 <input checked="" type="checkbox"/>	648	2	A9N61528 <input checked="" type="checkbox"/>	1385
16	1	A9N61511 <input checked="" type="checkbox"/>	648	2	A9N61531 <input checked="" type="checkbox"/>	1385
20	1	A9N61512 <input checked="" type="checkbox"/>	648	2	A9N61532 <input checked="" type="checkbox"/>	1385
25	1	A9N61513 <input checked="" type="checkbox"/>	648	2	A9N61533 <input checked="" type="checkbox"/>	1385
32	1	A9N61515 <input checked="" type="checkbox"/>	648	2	A9N61535 <input checked="" type="checkbox"/>	1385
40	1	A9N61517 <input checked="" type="checkbox"/>	888	2	A9N61537 <input checked="" type="checkbox"/>	1965
50	1	A9N61518 <input checked="" type="checkbox"/>	888	2	A9N61538 <input checked="" type="checkbox"/>	1965
63	1	A9N61519 <input checked="" type="checkbox"/>	888	2	A9N61539 <input checked="" type="checkbox"/>	1965

### Special application MCBs



#### Solar Application – PV DC

- DC MCB for multi string PV installations
- Operating Voltage: 800V DC
- Current Rating up to 25A
- Complies to IEC / EN 60947-2



#### Rail Application\* (including Rolling Stock)

- Fire & smoke Resistant – Level 2 (NF F 16-101, NF F 16-102)
- Shock & vibration resistant (IEC 61373) – Cat 1, Class B
- Breaking Capacity: up to 25kA
- Complies to IEC / EN 60947-2



#### UL MCB

- Type: UL1077, UL489
- Breaking Capacity of 10kA
- Complies to IEC 60947-2 / UL1077 / UL489 / CSA

#### Note:

Please contact nearest Schneider Electric sales office or Customer Care for Reference and prices of Application Specific MCBs

\*Rail Application RCDs are also available on demand

\*\*18mm/module

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

### AC Miniature Circuit Breakers - NG125



- Compliance to IEC / EN 60947-2
- High Breaking Capacity MCBs – up to 50kA
- Current Rating up to 125A
- Trip on fault indication on front face of MCB
- Suitability for isolation in the industrial sector to IEC/EN 60947-2
- Available in B, C, D Curves

[In] Rated Current (A)	1 Pole Reference	Unit LP [₹]	2 Pole Reference	Unit LP [₹]	3 Pole Reference	Unit LP [₹]	4 Pole Reference	Unit LP [₹]
Module Width**	1.5 mod		3 mod		4.5 mod		6 mod	

#### NG125N – 25kA Breaking Capacity

10	18610	*	18621	*	18632	*	18649	*
16	18611	*	18622	*	18633	*	18650	*
20	18612	*	18623	*	18634	*	18651	*
25	18613	*	18624	*	18635	*	18652	*
32	18614	*	18625	*	18636	*	18653	*
40	18615	*	18626	*	18637	*	18654	*
50	18616	*	18627	*	18638	*	18655	*
63	18617	*	18628	*	18639	*	18656	*
80	18618	*	18629	*	18640	*	18658	*

#### NG125H – 36kA Breaking Capacity

10	18705	*	18714	*	18723	*	18732	*
16	18706	*	18715	*	18724	*	18733	*
20	18707	*	18716	*	18725	*	18734	*
25	18708	*	18717	*	18726	*	18735	*
32	18709	*	18718	*	18727	*	18736	*
40	18710	*	18719	*	18728	*	18737	*
50	18711	*	18720	*	18729	*	18738	*
63	18712	*	18721	*	18730	*	18739	*
80	18713	*	18722	*	18731	*	18740	*

#### NG125H – 50kA Breaking Capacity

10	18777	*	18788	*	18799	*	18810	*
16	18778	*	18789	*	18800	*	18811	*
20	18779	*	18790	*	18801	*	18812	*
25	18780	*	18791	*	18802	*	18813	*
32	18781	*	18792	*	18803	*	18814	*
40	18782	*	18793	*	18804	*	18815	*
50	18783	*	18794	*	18805	*	18816	*
63	18784	*	18795	*	18806	*	18817	*
80	18785	*	18796	*	18807	*	18818	*

\*Price on Request – Please contact Schneider Electric Customer Care Center for Prices

\*\*18mm/module

**Note:** Reference provided above are for C Curve MCBs – B and D Curve details available on request

# Residual Current Devices (RCDs) - For Human and Fire Protection



**30  
mA**

Use of **30mA RCDs** is now **mandatory** for all **domestic intallations** in India {CEA Amendment regulation 2015\*}



**Schneider Electric provides voltage independent RCDs** which work on current sensing technology and provide protection from residual current even at extra low voltages (down to zero volts) and in case of break of neutral.

**SI  
Type**

**Schneider Electric offers SI RCD built to operate in electrically polluted or installation in aggressive environments:**

- Flourescent / Variable lighting with Electronic ballast
- Powerful IT / Telecom equipment / Air conditioning
- Severe Atmosphere - High lighting risk / Swimming pools

\* for Measures relating to Safety and Electric supply

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

### AC Residual Current Circuit Breakers - xID



Suitable for  
ComReady  
Auxiliary



- Complies to standards IEC/EN 61008-1 and IS 12640
- AC Class protection
- Selective range available for time based discrimination
- Easy Monitoring: Earth fault indication and Test Button on front face
- Operating temperature up to +70°C
- Mandatory to use OF-S auxiliary to add any indication or tripping auxiliary

[In] Rated Current (A)	Earth-Leakage Sensitivity (mA)	Module Width 18mm/module	2 Pole Reference	Unit LP [₹]	Module Width 18mm/module	4 Pole Reference	Unit LP [₹]
25	30	2	A9N16201	3220	4	A9N16251	4400
	100	2	A9N16203	3445	4	A9N16253	4585
	300	2	A9N16202	3550	4	A9N16252	4725
40	30	2	A9N16204	3795	4	A9N16254	4415
	100	2	A9N16205	4015	4	A9N16255	4615
	300	2	A9N16206	4130	4	A9N16256	4795
63	30	2	A9N16208	4485	4	A9N16258	5115
	100	2	A9N16209	4735	4	A9N16259	5455
	300	2	A9N16210	4830	4	A9N16260	5480
80	30	2	A9N16212	7545	4	A9N16261	8850
	100	2	A9N16213	7530	4	A9N16262	8830
	300	2	A9N16214	7670	4	A9N16263	8880

### AC Residual Current Circuit Breakers (RCCBs) - ID



- Complies to standards IEC 61008-1 and VDE 0664
- AC Class protection
- Degree of pollution: 3 (suitable for industrial environment)
- Electrical ON/OFF indication by using OFSP auxiliary

Poles Description	[In] Rated Current (A)	Earth-Leakage Sensitivity (mA)	Module Width 18mm/module	Reference	Unit LP [₹]
4P	100	30	4	**A9R11491	10735
		100	4	**A9R12491	11110
	125	30	4	16905	32885
		100	4	16906	33540
		300	4	16907	33700

Note: \*\*For 100A RCCB Auxiliary kindly contact Customer Care

### AC Residual Current Breaker Overload (RCBO) - DPN N Vigji



Suitable for  
ComReady  
Auxiliary



- Complies to standards IEC/EN 61009
- AC Class Protection; Tripping characteristics - C curve
- Overvoltage category (IEC 60364): IV
- Suitable for indication & tripping auxiliaries

Poles Description	[In] Rated Current (A)	Earth-Leakage Sensitivity (mA)	Module Width 18mm/module	Reference	Unit LP [₹]
1P+N	6	30	2	A9N19661	4670
		300	2	A9N19681	4830
	10	30	2	A9N19663	4670
		300	2	A9N19683	4830
	16	30	2	A9N19665	4670
		300	2	A9N19685	4830
	20	30	2	A9N19666	4670
		300	2	A9N19686	4830
	25	30	2	A9N19667	4670
		300	2	A9N19687	4830
	32	30	2	A9N19668	4900
		300	2	A9N19688	5075
	40	30	2	A9N19669	6020
		300	2	A9N19689	6180

Note: Application specific RCDs also available with 10mA, 500mA and 1000mA sensitivities | Please contact nearest Schneider Electric Sales Office or Customer Care Center for Reference and Prices

### SI Type Residual Current Circuit Breakers (RCCBs) - xID SI



- Complies to standard IEC/EN 61008-1
- SI RCDs offer enhanced immunity against Electrical Disturbances; Polluted and Corrosive environments - Guaranteed performance in harsh operating conditions
- Ensures continuity of supply in networks with:
  - Transient overvoltages
  - Loads generating HF leakage current i.e. harmonics
  - Loads generating continuous leakage current
- Ensures tripping on genuine earth fault in networks with:
  - Pulsating DC components
  - HF applications which "Blinds" (non-tripping) the conventional RCDs

[In] Rated Current (A)	Earth-Leakage Sensitivity (mA)	Module Width 18mm/module	2 Pole Reference	Unit LP [₹]	Module Width 18mm/module	4 Pole Reference	Unit LP [₹]
25	30	2	A9N16234	6970	4	A9N16321	7770
40	30	2	A9N16237	7320	4	A9N16324	8015
63	30	2	A9N16240	7530	4	A9N16327	8225
	300	2	A9N16246	7590	4	A9N16334	8565

### Vigi Block for xC60 (Add-on RCD Module, 2 & 4 Pole)



- Flexibility to use MCB of any tripping curve to suit applications, ensuring best 3 in 1 protection
- No auxiliary supply required
- AC Class protection
- Degree of pollution: 3 (suitable for industrial environment)
- Immune to nuisance tripping due to transient over voltages

[In] Rated Current (A)	Earth-Leakage Sensitivity (mA)	Module Width 18mm/module	2 Pole Reference	Unit LP [₹]	Module Width 18mm/module	4 Pole Reference	Unit LP [₹]
25	30	1.5	A9N26581	4420	3	A9N26595	5310
	100	1.5	A9N26582	5525	3	A9N26596	5730
	300	1.5	A9N26583	5695	3	A9N26597	5900
63	30	2	A9N26611	6190	3.5	A9N26643	6505
	100	2	A9N26612	6435	3.5	A9N26644	6635
	300	2	A9N26613	6565	3.5	A9N26645	6765

Note: Vigi Block for High Rating up to 125A (C120) and High Breaking Capacity (NG125) available on demand

### SI Type Residual Current Breaker Overload ( RCBO) - DPN N Vigi SI



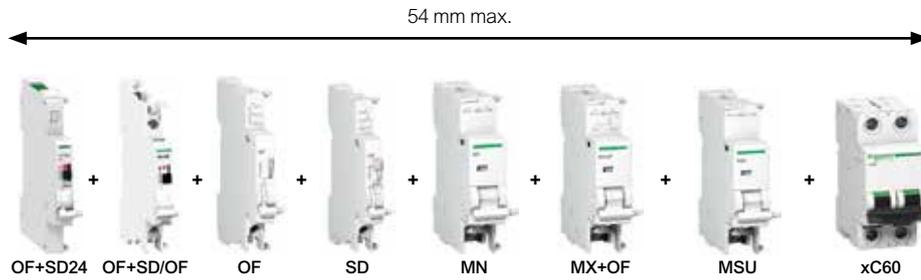
- Complies to standard IEC/EN 61009
- Ensures continuity of supply in networks with:
  - Transient overvoltages
  - Loads generating HF leakage current i.e. harmonics
  - Loads generating continuous leakage current
- Ensures tripping on genuine earth fault in networks with :
  - Pulsating DC components
  - HF applications which "Blinds" (non-tripping) the conventional RCDs

Poles Description	[In] Rated Current (A)	Earth-Leakage Sensitivity (mA)	Module Width 18mm/module	Reference	Unit LP [₹]
1P+N	6	30	2	A9N19631	8950
		300	2	A9N19641	9475
	10	30	2	A9N19632	8950
		300	2	A9N19642	9475
	16	30	2	A9N19634	8950
		300	2	A9N19644	9475
	20	30	2	A9N19635	8950
		300	2	A9N19645	9475
	25	30	2	A9N19636	8950
		300	2	A9N19646	9475
	32	30	2	A9N19637	9455
		300	2	A9N19647	11545
	40	30	2	A9N19638	11220
		300	2	A9N19648	12485

\*For Prices, please contact nearest Schneider Electric Sales Office or Customer Care Center are Center for Reference and Prices

### Common Auxiliaries for xC60 / C120 / RCDs Range

- Field-fittable auxiliaries (clip fitted) mounted on left side with maximum width of 54mm
- Order: Tripping Auxiliaries (MN first) followed by Indication Auxiliaries (SD first)



Type	Module Width 18mm/module	Reference	Unit LP [₹]
<b>Indication Auxiliaries</b>			
OF Auxiliary Switch: for ON/OFF indications	0.5	A9N26924	912
SD Alarm Switch: for Trip on fault indications	0.5	A9N26927	1070
OF + SD/OF Auxiliary switch	0.5	A9N26929	2850
OF+SD24 auxiliary contact (ComReady)	0.5	A9N26899	2390
<b>Protection Auxiliaries – Trip Indication on front face</b>			
MN Under-voltage Release 220-240V AC	1	A9N26960	3100
MSU Over-voltage Release 275V AC	1	A9N26500	4545
<b>Tripping Auxiliaries – Trip Indication on front face</b>			
MX + OF Shunt Release 110-415V AC: for Remote tripping of Circuit Breaker	1	A9N26946	2495
MX + OF Shunt Release 12-24V AC/DC: for Remote tripping of Circuit Breaker	1	A9N26948	2495
<b>Auxiliary Switch for RCCBs – Mandatory for use of Auxiliaries with RCCBs</b>			
Auxiliary switch for RCCB up to 80A (OF-S)	0.5	A9N26923	1215
Auxiliary switch for RCCBs 125A (OFSP)	0.5	16940	1850

### Accessories



Type	Description	Reference	Unit LP [₹]
Rotary Handle*	Breaker Switching Sub-Assembly	27046	3405
	Extended, Disconnectable handle	27047	2105
Padlock** (bag of 2)		26970	818
Aluminum cable terminal**		27060	496
Spacer		A9N27062	208

\* for xC60, C120, DPN N Vigi, C60H-DC, xSW - Multi poles only

\*\*for xC60, xID, DPN N Vigi, C60H-DC, xSW, C60PV-DC

**Note:** For all above Reference MOQ = 1

# Protection Against Lightning Strikes And Switching Surges



For all low voltage switchboards and electrical enclosures:

## Comprehensive range

- To ensure the protection of equipment connected to:
- Low voltage networks,
- Telecommunications networks,
- Computer networks.
- Easy to implement and use.
- Compatibility with all earthing systems (TT, TNS, TNC, IT).
- Technical and aesthetic consistency

## Continuity of service and certified safety

Schneider Electric certified coordination between the surge arrester and its disconnection circuit breaker.

Compliance with standards: IEC/EN 61643-11.



More and more electrical equipment today is sensitive to overvoltages caused by lightning.



# 90%

of power outlets supply equipment incorporating electronic devices.



iQuick PRD “built-in” technology surge arresters, a Schneider Electric innovation, incorporate their own disconnection circuit breaker: easy to choose and simple to install for greater effectiveness.



Up to **30%** of installation time saved.

### Surge Arresters - Type 1+ 2



- Complies to IEC 61643-1 and EN 61643-11
- Withdrawable type: Easy Replacement
- Inbuilt SPD health Indicator: Also available with remote signaling
- For protection against Direct lightning surge, Indirect lightning surge, Switching surge
- Iimp up to 25kA & Imax upto 40kA
- **Always use a Back-up MCB with your SPD**
- Maximum Operating Voltage [Uc]: 350V

Type	Pole Description	Module Width 18mm/module	Reference	Unit LP [₹]
PRD1 25r	1P	2	16329	12385
	1P + N	4	16330	27245
	3P	6	16331	40860
	3P + N	8	16332	50765

### Surge Arresters iPRD- Type 2 (Withdrawable type) (TT, TN-S, TN-C Systems)



- In conformance with standards IEC 61643-11/2011 T2 and EN 61643-11 Type 2
- For protection against Indirect lightning surge and Switching surge
- Inbuilt health Indicator
- Response time < 25ns
- Imax (8/20 s): 65/40/15/8kA
- Maximum Operating Voltage [Uc]: 340V
- Level of protection,Up: 1.0 - 2.0 kV
- Remote indication contact with 8r/20r/40r/65r
- **Always use a Back-up MCB with your SPD**

Type	Rated Voltage (V)	Pole Description	Module Width 18mm/module	Reference	Unit LP [₹]
iPRD8	230	1P	1	A9L08100	3840
	230	1P+N	2	A9L08500	7185
	230/400	3P	3	A9L08300	9700
	230/400	3P+N	4	A9L08600	14650
iPRD8r	230	1P+N	2	A9L08501	8615
	230/400	3P+N	4	A9L08601	17580
	230	1P	1	A9L20100	4310
iPRD20	230	1P+N	2	A9L20500	9035
	230/400	3P	3	A9L20300	11570
	230/400	3P+N	4	A9L20600	16675
iPRD20r	230	1P+N	2	A9L20501	10745
	230/400	3P+N	4	A9L20601	20005
	230	1P	1	A9L40100	5090
iPRD40	230	1P+N	2	A9L40500	10405
	230/400	3P	3	A9L40300	14945
	230/400	3P+N	4	A9L40600	20845
iPRD40r	230	1P	1	A9L40101	6105
	230	1P+N	2	A9L40501	13420
	230/400	3P	3	A9L40301	20120
iPRD65r	230/400	3P+N	4	A9L40601	25010
	230	1P	1	A9L65101	8165
	230	1P+N	2	A9L65501	17105
	230/400	3P	3	A9L65301	22325
	230/400	3P+N	4	A9L65601	28970

### Spare Cartridges for iPRD



- Spare Cartridges for iPRD8r, iPRD20r, iPRD40r and iPRD65r
- End of life indication available on front face
- These Cartridges are not compatible with Old SPD range (A9L16...)\*\*

Type	Spare Cartridges for	Reference	Unit LP [₹]
iPRD 65-350	iPRD65r	A9L65102	5110
iPRD 40-350	iPRD40, iPRD40r	A9L40102	3930
iPRD 20-350	iPRD20, iPRD20r	A9L20102	3145
iPRD 8-350	iPRD8, iPRD8r	A9L08102	2755
iPRD Neutral	All products (1P+N, 3P+N)	A9L00002	4135

\*\*Spare Cartridges for Old SPD Range (A9L16...) are available on demand - please contact nearest Schneider Electric Sales Office or Customer Care for Reference and prices

**Note:** Note: For all above Reference MOQ = 1

### iQuick PRD - Type 2 with inbuilt MCB



- Compact SPD with in-built back up MCB - saving on space, MCB selection, wiring time
- Compliance to EN 61643-11
- Withdrawable Type - Cost Efficient - Allows damaged Cartridges to be replaced without having to replace entire SPD
- Inbuilt SPD Health Indicator on front face of device; Remote signaling functionality also available
- Incoming Protection: iQuick PRD 40r (High Risk level) and iQuick PRD 20r (Moderate Risk level)
- Secondary Protection: iQuick PRD 8r is cascade mounted with incoming surge arresters

Type	Pole Description	Module Width 18mm/module	Reference	Unit LP [₹]
iQuick PRD 8r	1P+N	4	A9L16298	10380
	3P	6.5	A9L16299	15250
	3P+N	7.5	A9L16300	18980
iQuick PRD 20r	1P+N	4	A9L16295	12450
	3P	6.5	A9L16296	18305
	3P+N	7.5	A9L16297	22775
Quick PRD 40r	1P+N	4	A9L16292	14540
	3P	6.5	A9L16293	21790
	3P+N	7.5	A9L16294	27080

**Note:** Spare / Replacement Cartridges available - For Reference and prices contact nearest sales office or customer care

### Photovoltaic surge arresters



- Protection for photovoltaic panels and the DC input to the inverter from overvoltages due to a lightning strike
- Type 2 surge arresters
- Should be installed in switchboard inside the building. If switchboard is located outside, it must be weatherproof
- Withdrawable surge arrester allows damaged Cartridges to be replaced quickly
- Inbuilt SPD Health Indicator on front face of device; Remote signaling functionality also available

Type	U (cpv) Maximum Operating Voltage (V)	Module Width 18mm/module	Reference	Unit LP [₹]
iPRD 40r	800	3	A9L40271	8565
	1000	3	A9L40281	9785

**Note:** Spare / Replacement Cartridges available - For Reference and prices contact nearest sales office or customer care

### Surge Arresters for Communication Networks



- Analogue telephone line protection: iPRC surge arrester wired in series to the private installation input, protects the telephones, the modems (including ADSL) etc
- Protection for 2 low-current lines without common potential or 4 lines with common reference potential
- iPRI protects measuring instrument and PLC sensor inputs and the DC power supply inputs up to 53 V and AC power supply inputs up to 37 V

Type	[Ue] Operational Voltage (V)	Module Width 18mm/module	Reference	Unit LP [₹]
PRI	48 V DC	1	A9L16339	14770
PRC	130 V AC	1	A9L16337	9035

**Note:** For all above Reference MOQ = 1

### Isolator - xSW



- Complies to IEC/EN 60947-3
- Switching duty: AC-22
- Impulse voltage: 6kV
- DC application: 48V (110V with 2 poles in series)
- Short circuit withstand 20 In for 1 second
- Upto 80A Bi connect terminals & 100A to 125A with mono connect terminals

Poles Description	[In] Rated Current (A)	Module Width 18mm/module	MOQ	Reference	Unit LP [₹]
2	40	2	6	A9S2P040	554
	63	2	6	A9S2P063	732
	80	2	6	A9S2P080	880
	100	2	6	A9S2P100	1275
	125	2	6	A9S2P125	1315
3	40	3	4	A9S3P040	974
	63	3	4	A9S3P063	1140
4	40	4	3	A9S4P040	1230
	63	4	3	A9S4P063	1345
	80	4	3	A9S4P080	1785
	100	4	3	A9S4P100	2005
	125	4	3	A9S4P125	2170

### Selector Switch - iSSW



- Complies to IEC 60947-5-1 and IEC 60669-1
- Rating 20A, 250V AC
- Electrical life (AC22): 30,000 cycles
- Connection: tunnel terminals cables up to 10 sq. mm

No. of positions	Poles Description	Contacts	Module Width 18mm/module	MOQ	Reference	Unit LP [₹]
2	1	1 C/O	1	12	A9E18070	1145
	2	2 C/O	2	6	A9E18071	1580
		1NO + 1NC	1	12	A9E18072	918
3	1	1 C/O	1	12	A9E18073	1125
	2	2 C/O	2	6	A9E18074	1905

### iRO Buzzers



- Audible indication in housing and the tertiary sector
- Sound level of 70dBA at a distance of 60cm

Voltage	Module Width 18mm/module	Reference	Unit LP [₹]
230V AC	1	A9A15322	972
8..12V AC	1	A9A15323	814

### iCT Contactors



- Complies with standards IEC 1095, E N 61095
- 4 operating modes switch on front face :
  - Automatic mode
  - Temporary "ON" mode
  - Permanent "ON" mode
  - Shutdown
- Mechanical contact position Indicator
- Safe installation maintenance: lock the contactor in ON position
- Silent operation (20dB) for entire range

Type	Rating (A)	No. of Contacts	Module Width 18mm/module	Reference	Unit LP [₹]
1P	25	1NO	1	A9C20731	1775
	16	2NO	1	A9C22712	1825
2P	25	2NO	1	A9C20732	2185
	40	2NO	2	A9C20842	3740
	63	2NO	2	A9C20862	4780
3P	25	3NO	2	A9C20833	2770
	40	3NO	2	A9C20843	6255
	63	3NO	3	A9C20863	6800
4P	25	4NO	2	A9C20834	2945
	40	4NO	2	A9C20844	6380
	63	4NO	3	A9C20864	7690
	63	2NO + 2NC	3	A9C20868	7690

**Note:** 100A Contactor in 2P / 4P - available on request

### iTL Impulse Relays



- Complies with standards IEC/EN 60669-2-2
- Safe maintenance: disconnection of remote control by selector switch
- Manual Controls on front face: 0-I toggle
- Mechanical contact position Indicator
- Maximum 5 operations/min. and 100 switching operations/day
- Degree of pollution: 3 (suitable for industrial environment)

Type	Rating (A)	Control Voltage	No. of Contacts	Module Width	Reference	Unit LP [₹]
1P	16	230-240 VAC	1NO	1	A9C30811	1145
	32	230-240 VAC	1NO	1	A9C30831	1440
2P	16	230-240 VAC	2NO	1	A9C30812	1885
	32	230-240 VAC	2NO	1	A9C30831 + A9C32836	4470
3P	16	230-240 VAC	1NO+1NO/NC+1NO	2	A9C30811 + A9C32816	3575
	32	230-240 VAC	1NO+1NO/NC+1NO	2	A9C30831 + 2 x A9C32836	4470
4P	16	230-240 VAC	4NO	2	A9C30814	3910
	32	230-240 VAC	4NO	2	A9C30831 + 3 x A9C32836	4470

### iIL Indicator Lights



- Complies with standard IEC 60947-5-1
- Indicator light with LED technology
- Service life 100,000 hours with constant luminous efficiency

Type	Colour	Module Width 18mm/module	Reference	Unit LP [₹]
Single Indicator light	Red	1	A9E18320	1075
	Green	1	A9E18321	1075
	Blue	1	A9E18323	1075
	Orange	1	A9E18324	1075
3 phase voltage presence light	Red/Red/Red	1	A9E18327	2695
Single Push Button (1 NO+ 1NC)	Grey	1	A9E18033	1600

**Note:** For all above Reference MOQ = 1

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

## PowerTag - World's smallest energy sensor



### Monitor Your Energy

- Real time U, V, I, P, PF
- Active energy metering (Class 1 EN 61557-12) partial and total
- Load balance overview for 3P

### Improve your Maintenance

- Pre Alarm on overload
- Specific "alarms" for U, I, P
- Alarm on feeder voltage loss

Description	Part no.	Unit LP [₹]
PowerTag 1P	A9MEM1520	7145
PowerTag 1P+N Up	A9MEM1521	7145
PowerTag 1P+N Down	A9MEM1522	7145
PowerTag 3P	A9MEM1540	14285
PowerTag 3P+N Up	A9MEM1541	14285
PowerTag 3P+N Down	A9MEM1542	14285
Smartlink SI-D	A9XMWA20	19950
Smartlink SI-B	A9XMZA08	38805

## Smartlink



- Compliance to IEC/EN 61131-2
- Protection Monitoring – Device Status and alarm notifications
- Load Control / Switching through Contactors and Impulse Relays
- Energy Monitoring through pulse meters
- Alarm over email and analog sensors (temperature / humidity) with Smartlink Ethernet
- Plug & Play – Pre fabricated cables and in built web pages
- Rated Voltage: 24V DC

Description	Reference	Unit LP [₹]
Smartlink Modbus	A9XMSB11	33170
Smartlink IP	A9XMEA08	36955

## Communication Auxiliaries



Auxiliary for Protection Devices (OF+SD24)

Auxiliary for Contactors (iACT24)

Auxiliary for Impulse Relays (iATL24)

Description	Module Width	Reference	Unit LP [₹]
OF+SD24	0.5	A9N26899	2390
iACT24	1	A9C15924	11900
iATL24	1	A9C15424	12530



Description	Set of	Reference	Unit LP (₹)
<b>Prefabricated Cables:</b>			
<b>With 2 Connectors</b>			
Short: 100mm	6	A9XCAS06	4840
Medium: 160mm	6	A9XCAM06	4890
Long: 870mm	6	A9XCAL06	5560
<b>With 1 Connector</b>			
Long:870mm	6	A9XCAU06	3340
<b>Connectors</b>			
5-pin connectors (Ti24)	12	A9XC2412	6735
<b>Mounting Kit</b>			
Din Rail (4 feet, 4 Straps, 4 Adapters)	1	A9XMFA04	1320
<b>Multiclip</b>			
Multiclip 80A	1	4000	8100
<b>Spare Parts</b>			
Lock for Multiclip 80A (2 clips)	1	A9XMLA02	402
<b>Distribloc 63A</b>			
Distribution from the top (4 Module)	1	4040	9225
Distribution through the bottom (4 Module)	1	4041	9225
Power Logic EGX300 - Ethernet port (4 Module)	1	30002885	28213
ABL Power Supply - 1.2A 24VDC	1	ABL8MEM24012	6400
ABL Power Supply - 0.6A 24VDC	1	ABL8MEM24006	4700
Double DIN rail	1	LSL58801A	725

## Reflex iC60 - Integrated Control & Overcurrent Protection Device



- All in One Solution: MCB + Contactor + Impulse Relay + Auxiliary
- 10kA Breaking capacity as per IEC/EN 60947-2,
- Ti24 interface: Connection to PLC, Smartlink
- 3 operating modes to cater to a variety of applications
- Safe lock down with Integrated Padlocking
- Simplified maintenance: Front face Indicator allows better reliability

[In] Rated Current (A)	2 Pole Reference	Unit LP (₹)	3 Pole Reference	Unit LP (₹)	4 Pole Reference	Unit LP (₹)
Module Width **	4.5 mod		5.5 mod		6.5 mod	2275
<b>B Curve</b>						
10	A9C61210	32740	A9C61310	35235	A9C61410	36655
16	A9C61216	32760	A9C61316	35265	A9C61416	36705
25	A9C61225	32795	A9C61325	35335	A9C61425	36775
40	A9C61240	34855	A9C61340	38400	A9C61440	40875
63	A9C61263	36060	A9C61363	39150	A9C61463	41135
<b>C Curve</b>						
10	A9C62210	32745	A9C62310	35240	A9C62410	36670
16	A9C62216	32760	A9C62316	35265	A9C62416	36705
25	A9C62225	32795	A9C62325	35320	A9C62425	36780
40	A9C62240	34865	A9C62340	38420	A9C62440	40900
63	A9C62263	36055	A9C62363	39150	A9C62463	41140
<b>D Curve</b>						
10	A9C63210	32745	A9C63310	35240	A9C63410	36670
16	A9C63216	32760	A9C63316	35260	A9C63416	36705
25	A9C63225	32795	A9C63325	35335	A9C63425	36780

Note: \*\*18mm/module

LP: List Price

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

### Energy Meters



- Digital Kilowatt-hour meters designed for sub-metering of active energy (rms) consumed by a single-phase or three-phase electric circuit with or without distributed neutral
- ComReady DB mountable version
- Accuracy class-1
- No External CT required

Description	Reference	Unit LP [₹]
iEM 2000T 1Ph Energy Meter upto 40A, POP w/o Display	A9MEM2000T	4487
iEM3110 3 Phase Energy Meter Energy Meter with POP Accuracy CL 1.0	A9MEM3110	10817
iEM3150 3 Phase Energy Meter Energy Meter with V,I,Power, Accuracy CL 1.0, with Modbus	A9MEM3150	11816
iEM3155 Multifunction 3 Phase Energy Meter with V,I,F,PF,Power, Energy,1DI/1DO, Multi Tariff, with Modbus Accuracy CL 1.0	A9MEM3155	12519

**Note:** For Higher Currents /Loads , Select iEM32 Series , CT Operated , Accuracy CL 0.5S

# Acti 9

## Distribution Boards

### Spectacular Design

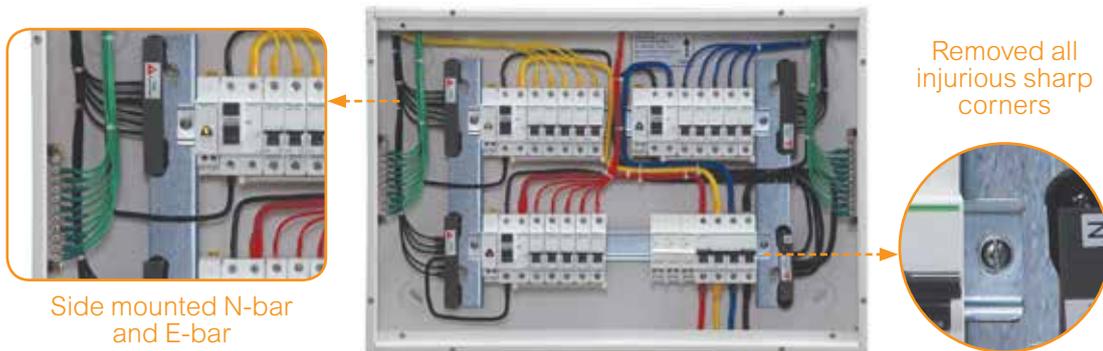
*Blends seamlessly with interiors*



Unique Rounded Corners | Color - RAL 9003 white | Designer Rotary Knob

### Maximized Wiring Space

*Convenient and Safe wiring*



15% more wiring area | Reduced U-box Collar | Removable Frame, Centre plate & Gland plate

### Adaptable

*Total Flexibility for ease of installation and usage*



Surface and Flush installation | Field fittable key lock provision | Reversible Door

Inspiring the **S.M.A.R.T.** choice!!!

## Robust Architecture

*Perfect blend of Strength & Weight*



High Strength-to-Weight ratio | RoHS and REACH Compliance – ideal solution for GREEN Buildings

## Technically Proven

*Safety Guaranteed*

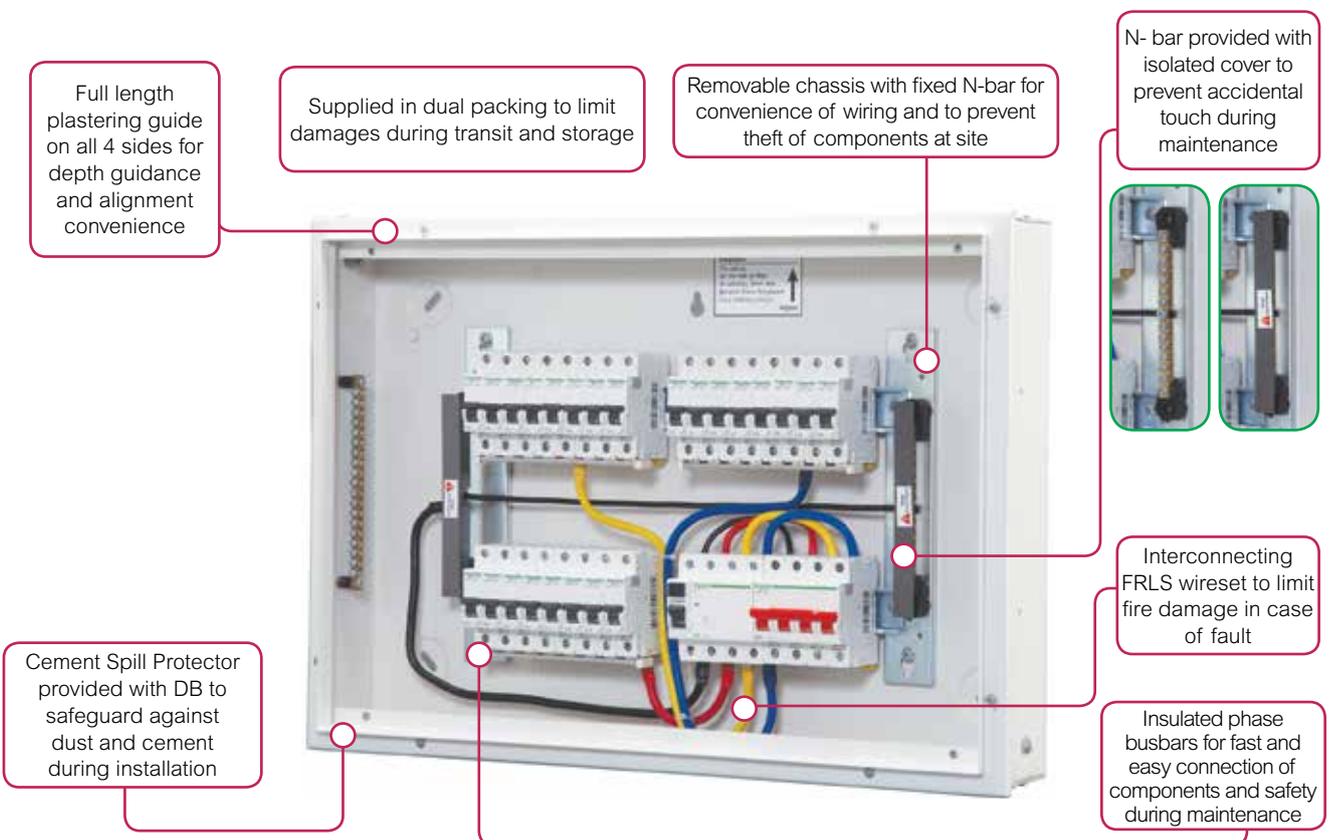
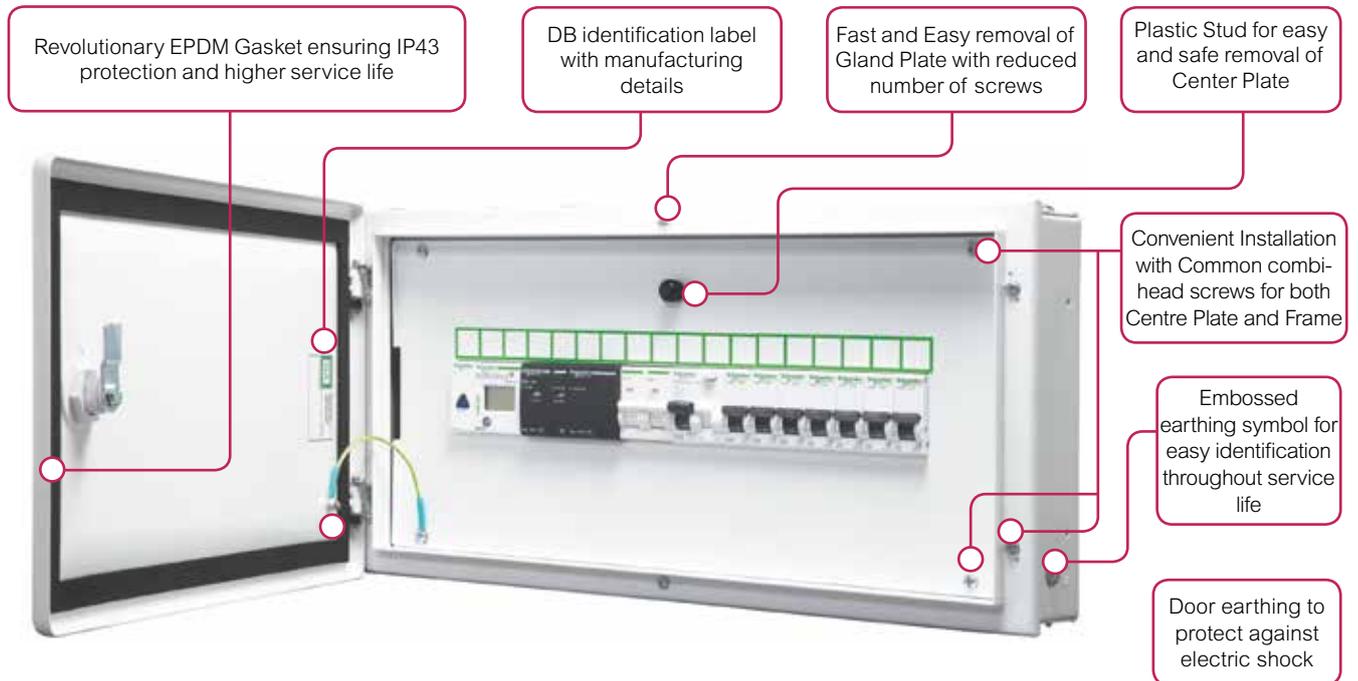


Designed and Manufactured as per IS 8623 - 1&3 | IP and IK test by ERDA & CPRI | Glow wire tested



# Acti 9

## Distribution Boards



### Metal Enclosures



- Metal Enclosure to mount individual Modular Device feeding directly to the load or final distribution board

Description	Total Module Cutout	Single Door (IP30) Reference	Unit MRP [₹]	Double Door Metal (IP43) Reference	Unit LP [₹]
2 way	1 / 2	A9HMES02 <input checked="" type="checkbox"/>	684	-	-
4 way	3 / 4	A9HMES04 <input checked="" type="checkbox"/>	684	-	-

### SPN DBs



- SPN DB for distribution of Single Phase Neutral supply to respective load MCBs
- Incomer - DP RCCB/RCBO/Isolator/MCB
- Outgoing - SP MCBs

Description	Total Module Cutout (Incomer + Outgoing)	Single Door (IP30) Reference	Unit MRP [₹]	Double Door Metal (IP43) Reference	Unit LP [₹]
6 way	6	A9HSNS06	1330	A9HSND06 <input checked="" type="checkbox"/>	1910
8 way	8	A9HSNS08 <input checked="" type="checkbox"/>	1650	A9HSND08 <input checked="" type="checkbox"/>	2185
12 way	12	A9HSNS12	1955	A9HSND12 <input checked="" type="checkbox"/>	2625
18 way	18	A9HSNS18	2575	A9HSND18 <input checked="" type="checkbox"/>	3365

### TPN DBs



- Standard TPN DBs for distribution of Three Phase and Neutral supply
- Incomer - FP RCCB/RCBO/Isolator/MCB
- Outgoing - SP MCBs
- TPN DBs can be converted to PPI DB using 'PPI Kit' provided on next page

Description	Total Module Cutout (Incomer + Outgoing)	Single Door (IP30) Reference	Unit MRP [₹]	Double Door Metal (IP43) Reference	Unit MRP [₹]
4 way eco	4 + 12	-	-	A9HTND04E <input checked="" type="checkbox"/>	4100
4 way	8 + 12	A9HTNS04	3630	A9HTND04 <input checked="" type="checkbox"/>	4305
6 way	8 + 18	A9HTNS06	4475	A9HTND06 <input checked="" type="checkbox"/>	5305
8 way	8 + 24	A9HTNS08	5260	A9HTND08 <input checked="" type="checkbox"/>	6370
12 way	8 + 36	A9HTNS12	7795	A9HTND12 <input checked="" type="checkbox"/>	9555

### Flexi Tier DBs



- Flexi DBs give total flexibility to mount any type and size of Modular devices as per load requirement
- Provided with N-Bar and E-Bar
- Flexi Tier DBs can be converted to PPI DB using 'PPI Kit' provided on next page

Description	Total Module Cutout (Incomer + Outgoing)	Single Door (IP30) Reference	Unit MRP [₹]	Double Door Metal (IP43) Reference	Unit LP [₹]
2 Tier 24 Modules	2 x 12	-	-	A9HFD224	5405
3 Tier 36 Modules	3 x 12	-	-	A9HFD336	6495
4 Tier 40 Modules	4 x 10	-	-	A9HFD440 <input checked="" type="checkbox"/>	6865
4 Tier 56 Modules	4 x 14	-	-	A9HFD456 <input checked="" type="checkbox"/>	7175

**Note:** For all above Reference MOQ = 1

### Per Phase Isolation DBs

- PPI DBs to mount DP Residual Current Device (RCD) at an individual phase level to isolate the faulty phase in case of earth leakage and ensure continuity of supply to other healthy phases
- Incomer - Modular (FP MCB/Isolator) using PPI Kit / MCCB100A (TP/FP Compact NSX or EasyPact CVS)
- Sub-Incomer - DP RCCB/RCBO
- Outgoing - SP MCBs

Description	Total Module Cutout (Incomer + Outgoing)	Single Door (IP30) Reference	Unit MRP [₹]	Double Door Metal (IP43) Reference	Unit LP [₹]
12 way	100A MCCB + 6 + 36	-	-	A9HPID12M	14310

### PPI Kit (to convert TPN and Flexi Tier DBs to PPI DB)



- Set of accessories to convert TPN DBs and 4 tier Flexi DBs to PPI DB
- Kit is provided with additional required quantity of N-Bar, wire set, Busbars (only for Flexi Tier) and Mounting Kit (only for TPN)

Description	Reference	Unit LP [₹]
PPI Kit for 6way TPN DB (2+4w PPI DB)	A9HKIT04 <input checked="" type="checkbox"/>	2780
PPI Kit for 8way TPN DB (2+6w PPI DB)	A9HKIT06 <input checked="" type="checkbox"/>	3255
PPI Kit for 12way TPN DB (2+10w PPI DB)	A9HKIT10 <input checked="" type="checkbox"/>	3590
PPI Kit for 4T40M Flexi DB (2+8w PPI DB)	A9HKIT08 <input checked="" type="checkbox"/>	5765
PPI Kit for 4T56M Flx DB (2+12w PPI DB)	A9HKIT12 <input checked="" type="checkbox"/>	6380

### Phase Segregated DBs



- Phase Segregated DBs to provide total safety for installer and maintenance personnel, by compartmentalizing each Phase and separating Incomer, Sub-Incomer and Outgoing
- Offers better continuity of supply in case of faults during maintenance at DB level.
- Incomer - Modular (FP MCB/Isolator) / MCCB 100A (TP/FP during maintenance Compact NSX or EasyPact CVS)
- Sub-Incomer - DP RCCB/RCBO
- Outgoing - SP MCBs

Description	Total Module Cutout (Incomer + Sub-incomer + Outgoing)	Single Door (IP30) Reference	Unit MRP [₹]	Double Door Metal (IP43) Reference	Unit LP [₹]
6 way	8 + 12 + 18	-	-	A9HPGD06 <input checked="" type="checkbox"/>	12710
8 way	8 + 12 + 24	-	-	A9HPGD08 <input checked="" type="checkbox"/>	14195
12 way	8 + 12 + 36	-	-	A9HPGD12	17820
12 way with MCCB I/c	100A MCCB + 12 + 36	-	-	A9HPGD12M	24050

### VTPN DBs for Modular Incomer



- Ideal solution to distribute power supply to both 3 Phase and 1 Phase loads in the same DB
- Incomer - FP RCCB/RCBO/Isolator/MCB
- Outgoing - SP MCBs / TP MCBs

Description	Total Module Cutout (Incomer + Outgoing)	Single Door (IP30) Reference	Unit MRP [₹]	Double Door Metal (IP43) Reference	Unit LP [₹]
4 way	8 + 12	-	-	A9HVTD04 <input checked="" type="checkbox"/>	10655
8 way	8 + 24	-	-	A9HVTD08 <input checked="" type="checkbox"/>	13555
12 way	8 + 36	-	-	A9HVTD12 <input checked="" type="checkbox"/>	18145

**Note:** For all above Reference MOQ = 1

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

### VTPN DBs for MCCB Incomer



- DBs for higher incoming current distribution up to 250A
- Incomer - TP/FP Compact NSX or EasyPact CVS MCCB up to 250A
- Outgoing - SP MCBs / TP MCBs

Description	Total Module Cutout (Incomer + Outgoing)	Single Door (IP30) Reference	Unit MRP [₹]	Double Door Metal (IP43) Reference	Unit LP [₹]
4 way	100A MCCB + 12	-	-	A9HVD04L	11670
8 way	100A MCCB + 24	-	-	A9HVD08L	14790
12 way	100A MCCB + 36	-	-	A9HVD12L	19670
4 way	160A MCCB + 12	-	-	A9HVD04M	12845
8 way	160A MCCB + 24	-	-	A9HVD08M	16005
12 way	160A MCCB + 36	-	-	A9HVD12M	21365
8 way	250A MCCB + 24	-	-	A9HVD08H	27665
12 way	250A MCCB + 36	-	-	A9HVD12H	29165

### ComReady DBs



- Designed to house Acti 9 communication system
- Supplied with Double DIN rail, E-Bar and Wire channel.
- Accessories to convert Flexi Tier DB into ComReady DB available on request

Description	Total Module Cutout (Incomer + Outgoing)	Single Door (IP30) Reference	Unit MRP [₹]	Double Door Metal (IP43) Reference	Unit LP [₹]
1 Tier 24 Modules	24	-	-	A9HCRD124	7235
2 Tier 48 Modules	48	-	-	A9HCRD248	11725

### Metal Clad P&S Units



- Plug & Socket Unit with Electra Plug & Socket and provision to mount modular protection devices to feed the end load directly

Description	Total Module Cutout	Single Door (IP30) Reference	Unit MRP [₹]	Double Door Metal (IP43) Reference	Unit LP [₹]
10A 1P+N+E P&S	2	A9HMS210	1750	-	-
20A 1P+N+E P&S	2	A9HMS220	1875	-	-
30A 3P+E P&S	3	A9HMS330	4105	-	-

### Industrial P&S Units (provision to mount PratiKa Sockets)



- Plug & Socket Unit with provision to mount PratiKa straight / angled\* socket and modular protection devices to feed the end load directly

Description	Total Module Cutout	Single Door (IP30) Reference	Unit MRP [₹]	Double Door Metal (IP43) Reference	Unit LP [₹]
16A 3P PK P&S	2	A9HKS316	1615	-	-
32A 3P PK P&S	2	A9HKS332	2675	-	-
32A 5P PK P&S	4	A9HKS532	3170	-	-
63A 5P PK P&S	4	A9HKS563	6405	-	-

\*upto 32A socket only

**Note:** For all above Reference MOQ = 1

## Locks for Acti 9 DBs



Key Lock

Description	Reference	Unit LP [₹]
Rotary lock	A9HRL801	438
Key Lock	A9HRL802	522

## Accessories for Distribution Boards

Description	Reference	Unit LP [₹]
<b>Busbars</b>		
Fork Busbar 1P 12MOD. 63A	R9XFH112	568
Fork Busbar 1P 57MOD. 63A	R9XFH157	1295
Fork Busbar 2P 12MOD. 63A	R9XFH212	668
Fork Busbar 2P 57MOD. 63A	R9XFH257	2485
Fork Busbar 3P 12MOD. 63A	R9XFH312	998
Fork Busbar 3P 57MOD. 63A	R9XFH357	5435
Fork Busbar 4P 12MOD. 63A	R9XFH412	1295
Fork Busbar 4P 57MOD. 63A	R9XFH457	5695
<b>Busbar Accessories</b>		
Set of 10 End Caps 1P	R9XE110	490
Set of 10 End Caps 2P	R9XE210	490
Set of 10 End Caps 3P	R9XE310	594
Set of 10 End Caps 4P	R9XE410	616
Set of 4 Connector Fork 63A	R9XFC04	472
Set of 20 Tooth Caps	R9XT20	760
Blanking Plate	13229B	28

**Note:** Blanking Plate MOQ = 10, All other MOQ = 1

Customized Distribution Boards to Suit Your Need -  
Available on Request\*

- TV/Telephone DBs
- Pre-Wired DBs
- 8 Segment DBs
- Acrylic Door DBs
- IP54/55 DBs
- DBs with Phase Indication Lamps

Acti 9K NEW

- Superior finish to blend with common wall shades
- Ergonomic door knob
- Tested as per IEC 61439 at NABL Accredited Labs
- Flexible installation and reversible door
- Comprehensive offer

Product Ref No. (Min 3, Max 18 characters) (Mandatory)	Short Product Description (Max 40 characters) (Mandatory)	Unit LP [₹]
A9KESNS04	Acti 9K DB 4 way SPN Single Door	916
A9KESNS06	Acti 9K DB 6 way SPN Single Door	1130
A9KESNS08	Acti 9K DB 8 way SPN Single Door	1220
A9KESNS12	Acti 9K DB 12 way SPN Single Door	1512
A9KESND04	Acti 9K DB 4 way SPN Double Door	1486
A9KESND06	Acti 9K DB 6 way SPN Double Door	1581
A9KESND08	Acti 9K DB 8 way SPN Double Door	1806
A9KESND12	Acti 9K DB 12 way SPN Double Door	2172
A9KESND16	Acti 9K DB 16 way SPN Double Door	2785
A9KETNS04	Acti 9K DB 4 way TPN Single Door	2825
A9KETNS06	Acti 9K DB 6 way TPN Single Door	3485
A9KETNS08	Acti 9K DB 8 way TPN Single Door	4092
A9KETND04E	Acti 9K DB TPN 4 way Double Door 4-mod I/C	3205
A9KETND04	Acti 9K DB TPN 4 way Double Door	3562
A9KETND06	Acti 9K DB TPN 6 way Double Door	4386
A9KETND08	Acti 9K DB TPN 8 way Double Door	5266
A9KETND12	Acti 9K DB TPN 12 way Double Door	7901

\*Please contact nearest Schneider Electric Sales Office for Drawings, Reference and Prices

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

# NeoBreak Distribution Boards

## Metal Enclosure

- Zero Error Installation
- IP 43 for Double Door, IP 30 for Single Door
- Independent intermittent shield

Voltage	Total Modules I/C + O/G	Reference	Unit MRP [₹]
1 way	1	NBKPM1 <input checked="" type="checkbox"/>	444
2 way	2	NBKPM2 <input checked="" type="checkbox"/>	444
3 way	3	NBKPM3 <input checked="" type="checkbox"/>	500
4 way	4	NBKPM4 <input checked="" type="checkbox"/>	500

## SPN DBs



Description	Total Modules I/C + O/G	Door Type	Reference	Unit MRP [₹]
SPN 4 way	4	Double door	NBKRENSNDD04 <input checked="" type="checkbox"/>	1505
SPN 6 way	6	Double door	NBKRENSNDD06 <input checked="" type="checkbox"/>	1670
SPN 8 way	8	Double door	NBKRENSNDD08 <input checked="" type="checkbox"/>	1805
SPN 12 way	12	Double door	NBKRENSNDD12 <input checked="" type="checkbox"/>	2195
SPN 16 way	16	Double door	NBKRENSNDD16 <input checked="" type="checkbox"/>	2985
SPN 4 way	4	Single door	NBKRENSNSD04 <input checked="" type="checkbox"/>	976
SPN 6 way	6	Single door	NBKRENSNSD06 <input checked="" type="checkbox"/>	1205
SPN 8 way	8	Single door	NBKRENSNSD08 <input checked="" type="checkbox"/>	1300
SPN 12 way	12	Single door	NBKRENSNSD12 <input checked="" type="checkbox"/>	1535
SPN 16 way	16	Single door	NBKRENSNSD16 <input checked="" type="checkbox"/>	1910

## TPN DBs



Description	Total Modules I/C + O/G	Door Type	Reference	Unit MRP [₹]
TPN 4 way	4+12	Double door	NBKRENTHDD04 <input checked="" type="checkbox"/>	3660
TPN 6 way	4+18	Double door	NBKRENTHDD06 <input checked="" type="checkbox"/>	4600
TPN 8 way	4+24	Double door	NBKRENTHDD08 <input checked="" type="checkbox"/>	5745
TPN 12 way	4+36	Double door	NBKRENTHDD12 <input checked="" type="checkbox"/>	8710
TPN 4 way	4+12	Single door	NBKRENTHSD04	2795
TPN 6 way	4+18	Single door	NBKRENTHSD06	3555
TPN 8 way	4+24	Single door	NBKRENTHSD08	4255
TPN 12 way	4+36	Single door	NBKRENTHSD12	6160

**Note:** For all above Reference MOQ = 1

# NeoBreak Distribution Boards

## VTPN DBs for Modular Incomer



Description	Total Modules I/C + O/G	Door Type	Reference	Unit MRP [₹]
VTPN 4 way	8+12	Double door	NBKRENTVDD04	9445
VTPN 8 way	8+24	Double door	NBKRENTVDD08	11830
VTPN 12 way	8+36	Double door	NBKRENTVDD12	15870
VTPN 4 way	8+12	Single door	NBKRENTVSD04	7195
VTPN 8 way	8+24	Single door	NBKRENTVSD08	9880
VTPN 12 way	8+36	Single door	NBKRENTVSD12	13100

## VTPN DBs for MCCB Incomer ( Suitable for 3P 100A Easypact EZC MCCB)

Description	Total Modules I/C + O/G	Door Type	Reference	Unit MRP [₹]
VTPN 4 way	MCCB +12	Double door	NBKRENEZVDD04	10745
VTPN 8 way	MCCB +24	Double door	NBKRENEZVDD08	13025
VTPN 12 way	MCCB +36	Double door	NBKRENEZVDD12	17120

## Metal Clad P&S Units



Description	Total Modules I/C + O/G	Reference	Unit MRP [₹]
10A SP Plug & Socket	1	NBKRENPSPP10 <input checked="" type="checkbox"/>	1165
20A SP plug & Socket	1	NBKRENPSPP20 <input checked="" type="checkbox"/>	1440
20A SPN Plug & Socket	2	NBKRENPSN20 <input checked="" type="checkbox"/>	1500
20A TP Plug & Socket	3	NBKRENPTP20 <input checked="" type="checkbox"/>	2870
30A TP Plug & Socket	3	NBKRENPTP30 <input checked="" type="checkbox"/>	3405

**Note:** For all above Reference MOQ = 1

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

Kaedra enclosures for PratiKa industrial sockets are part of a complete system of Watertight enclosures from 16A to 125A providing solutions for protection, control and electrical distribution for tertiary and industrial applications



- Degree of protection - IP65
- Impact strength - IK09
- Resistant to chemical and atmospheric agents, UVs etc.
- Self extinguishing class 2 insulating material
- Flame and abnormal heat resistance: 650°C
- Reversible front face for opening of door to left/right
- Combining of enclosures horizontally/vertically while still maintaining IP
- DIN channel can be positioned in 2 depths & 2 heights for cabling purpose

## Mini Enclosures for modular devices



Description	Reference	Unit LP [₹]
4 module	13441 <input checked="" type="checkbox"/>	2305
6 module	13442	2625
8 module	13443	3095
12 module	13444	4975

## Enclosures for modular devices (with terminal blocks)



Description	Reference	Unit LP [₹]
1 row 12 module	13431	5490
1 row 18 module	13432	7235
2 row 24 module	13433	8220
2 row 36 module	13434	10405
3 row 36 module	13435	10850
4 row 72 module	13437	20715

## Mini Enclosure (suitable to mount modular devices and PratiKa 16A socket)



Description	Reference	Unit LP [₹]
4 module 1 vertical opening	13175 <input checked="" type="checkbox"/>	1095
4 module 2 horizontal opening	13176	1355
4 module 3 horizontal opening	13177	1705

**Note:** For all above Reference MOQ = 1

Enclosure (suitable to mount modular devices and PratiKa 16A / 32A sockets)



Description	Reference	Unit LP [₹]
5 module 2 opening	13178 <input checked="" type="checkbox"/>	2645
8 module 4 horizontal opening	13179	3615
13 module 3 opening	13180	4780
13 module 6 opening	13181	5255
19 module 8 opening	13182	6775

## Functional Plaques



Description	Reference	Unit LP [₹]
Blank - marked for 1 socket 50x50	13135	336
Blank - marked for 1 socket 65x65 or 75x75	13137	340
Intermediate with 65x85 opening	13136	412
Intermediate with one opening for 65x85 & 90x100	13142	686

**Note:** For all above Reference MOQ = 1

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

## Wander Plugs



- Conforms to IEC 60309-1 & IEC 60309-2
- PK PratiKa Screw Connect: same orientation of clamp's screws
- External impact strength; IK08
- Glow wire test: 850°C

[In] Rated Current (A)	[Ue] Rated Operational Voltage (V)	Poles Description	Reference	Unit MRP [₹]
PratiKa Screw				
IP44				
16	200...250	2P + E	PKE16M423 <input checked="" type="checkbox"/>	398
	380...415	3P + E	PKE16M434 <input checked="" type="checkbox"/>	504
		3P + N + E	PKE16M435 <input checked="" type="checkbox"/>	526
32	200...250	2P + E	PKE32M423 <input checked="" type="checkbox"/>	628
	380...415	3P + E	PKE32M434 <input checked="" type="checkbox"/>	728
		3P + N + E	PKE32M435 <input checked="" type="checkbox"/>	732
IP67				
16	200...250	2P + E	PKE16M723 <input checked="" type="checkbox"/>	872
	380...415	3P + E	PKE16M734 <input checked="" type="checkbox"/>	984
		3P + N + E	PKE16M735 <input checked="" type="checkbox"/>	1050
32	200...250	2P + E	PKE32M723 <input checked="" type="checkbox"/>	1235
	380...415	3P + E	PKE32M734 <input checked="" type="checkbox"/>	1330
		3P + N + E	PKE32M735 <input checked="" type="checkbox"/>	1340
PK (63A & 125A available in IP67 only)				
63	200...250	2P + E	81378	3500
	380...415	3P + E	81382 <input checked="" type="checkbox"/>	3335
		3P + N + E	81383 <input checked="" type="checkbox"/>	3340
125	200...250	2P + E	81390	8935
	380...415	3P + E	81394	10205
		3P + N + E	81395	10205

## Small Wall Mounted Sockets



- Conforms to IEC 60309-1 & IEC 60309-2
- External impact strength: IK08
- Glow wire test: 850°C

[In] Rated Current (A)	[Ue] Rated Operational Voltage (V)	Poles Description	Reference	Unit MRP [₹]
IP44				
16	200...250	2P + E	PKF16W423	700
	380...415	3P + E	PKF16W434	810
		3P + N + E	PKF16W435	886
32	200...250	2P + E	PKF32W423	912
	380...415	3P + E	PKF32W434	1095
		3P + N + E	PKF32W435	1155
IP67				
16	200...250	2P + E	PKF16W723	1110
	380...415	3P + E	PKF16W734	1390
		3P + N + E	PKF16W735	1440
32	200...250	2P + E	PKF32W723	1385
	380...415	3P + E	PKF32W734	2025
		3P + N + E	PKF32W735	2690

**Note:** For all above Reference MOQ = 1

## Wall Mounted Sockets



- Conforms to IEC 60309 -1 & IEC 60309-2
- Rated operational voltage upto 415V
- Rated operational current upto 125A
- External impact strength: IK08
- Glow wire test: 850°C
- Available only in IP67

[In] Rated Current (A)	[Ue] Rated Operational Voltage (V)	Poles Description	Reference	Unit MRP [₹]
63	200...250	2P + E	81178	4310
	380...415	3P + E	81182	4435
		3P + N + E	81183	4500
125	200...250	2P + E	81190	15405
	380...415	3P + E	81194	15545
		3P + N + E	81195	15625

## Wander Sockets



- PK PratiKa Screw: same orientation of clamp's screws.
- PK PratiKa : 16A & 32A; IP44 & IP67
- External impact strength; IK08
- Glow wire test: 850 °C
- Conforms to IEC 60309 -1 & IEC 60309-2

[In] Rated Current (A)	[Ue] Rated Operational Voltage (V)	Poles Description	Reference	Unit MRP [₹]
PratiKa Screw				
IP44				
16	200...250	2P + E	PKF16M423 <input checked="" type="checkbox"/>	552
	380...415	3P + E	PKF16M434	638
		3P + N + E	PKF16M435	696
32	200...250	2P + E	PKF32M423 <input checked="" type="checkbox"/>	758
	380...415	3P + E	PKF32M434	922
		3P + N + E	PKF32M435 <input checked="" type="checkbox"/>	928
IP67				
16	200...250	2P + E	PKF16M723	1020
	380...415	3P + E	PKF16M734	1280
		3P + N + E	PKF16M735	1340
32	200...250	2P + E	PKF32M723	1405
	380...415	3P + E	PKF32M734	1555
		3P + N + E	PKF32M735	1570
PK (63A & 125A available in IP67 only)				
63	200...250	2P + E	81478	3810
	380...415	3P + E	81482	3845
		3P + N + E	81483	3905
125	200...250	2P + E	81490	12010
	380...415	3P + E	81494	12030
		3P + N + E	81495	12265

## Also Available on Request:

- Patented FAST connect Plugs & Sockets - innovative cabling system that enables connection without stripping the conductor and with absolutely no screws required
- Extra Low Voltage Plugs & Sockets down to 50V

Please contact nearest Schneider Electric Sales Office or Customer Care for Reference and Prices

**Note:** For all above Reference MOQ = 1

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

## Panel Mounted Sockets - Angled



- PK PratiKa Screw: same orientation of clamp's screws
- External impact strength; IK08
- Glow wire test: 850°C
- Conforms to IEC 60309 -1 & IEC309-2

[In] Rated Current (A)	[Ue] Rated Operational Voltage (V)	Poles Description	Reference	Unit MRP [₹]
PratiKa Screw				
IP44				
16	200...250	2P + E	PKF16F423 <input checked="" type="checkbox"/>	428
	380...415	3P + E	PKF16F434	638
		3P + N + E	PKF16F435 <input checked="" type="checkbox"/>	680
32	200...250	2P + E	PKF32F423 <input checked="" type="checkbox"/>	758
	380...415	3P + E	PKF32F434	882
		3P + N + E	PKF32F435 <input checked="" type="checkbox"/>	896
IP67				
16	200...250	2P + E	PKF16F723 <input checked="" type="checkbox"/>	804
	380...415	3P + E	PKF16F734	916
		3P + N + E	PKF16F735	928
32	200...250	2P + E	PKF32F723	1045
	380...415	3P + E	PKF32F734	1225
		3P + N + E	PKF32F735 <input checked="" type="checkbox"/>	1245
PK (63A & 125A available in IP67 only)				
63	200...250	2P + E	81278	3440
	380...415	3P + E	81282 <input checked="" type="checkbox"/>	3445
		3P + N + E	81283 <input checked="" type="checkbox"/>	3510
125	200...250	2P + E	81290	11315
	380...415	3P + E	81294	11610
		3P + N + E	81295	11665

## Panel Mounted Sockets - Straight



- PK PratiKa Screw: same orientation of clamp's screws
- External impact strength; IK08
- Glow wire test: 850°C
- Conforms to IEC 60309 -1 & IEC309-2

[In] Rated Current (A)	[Ue] Rated Operational Voltage (V)	Poles Description	Reference	Unit MRP [₹]
PratiKa Screw				
IP44				
16	200...250	2P + E	PKF16G423	484
	380...415	3P + E	PKF16G434	696
		3P + N + E	PKF16G435	728
32	200...250	2P + E	PKF32G423	768
	380...415	3P + E	PKF32G434	886
		3P + N + E	PKF32G435	958
IP67				
16	200...250	2P + E	PKF16G723 <input checked="" type="checkbox"/>	810
	380...415	3P + E	PKF16G734	916
		3P + N + E	PKF16G735	928
32	200...250	2P + E	PKF32G723	1030
	380...415	3P + E	PKF32G734	1160
		3P + N + E	PKF32G735	1205
PK (63A & 125A available in IP67 only)				
63	200...250	2P + E	81678	3425
	380...415	3P + E	81682	3480
		3P + N + E	81683	3480
125	200...250	2P + E	81690	11535
	380...415	3P + E	81694	11610
		3P + N + E	81695	11665

**Note:** For all above Reference MOQ = 1

## Sockets with Interlock Switches - for guaranteed safety of operation

- Allows closure of main switch only when the plug is fully inserted in socket - when complete mechanical & electrical connection has occurred
- Plug removal is possible only when the switch is in "off" position

## Wall Mounted Sockets with Interlock Switch Unika (w/o protection)



- Switch designed for use in AC 22A class applications
- Conforms to IEC 60309 -1 & IEC 60309-2
- Rated operational voltage upto 415V
- Rated operational current upto 32A
- External impact strength: IK08
- Available in IP44 / IP65 versions
- Glow wire test: 750°C

[In] Rated Current (A)	[Ue] Rated Operational Voltage (V)	Poles Description	Reference	Unit MRP [₹]
IP44				
16	200...250	2P + E	83031	5815
	380...415	3P + E	83035	8050
32	200...250	3P + N + E	83036	8210
		2P + E	83042 <input checked="" type="checkbox"/>	7550
	380...415	3P + E	83046	8800
		3P + N + E	83047	8895
IP65				
16	200...250	2P + E	83081	6015
	380...415	3P + E	83085	8285
		3P + N + E	83086	8455
32	200...250	2P + E	83092	7885
	380...415	3P + E	83096	9470
		3P + N + E	83097	9470

## Socket with Interlock Switch &amp; DIN Rail Isoblock (4.5 modules)



- Switch designed for use in AC- 22A class applications
- Conforms to IEC 60309 -1 & IEC 60309-2
- Provision to DIN mount 4.5 module device
- External impact strength: IK10
- Available in IP65 version
- Glow wire test: 850°C

[In] Rated Current (A)	[Ue] Rated Operational Voltage (V)	Poles Description	Reference	Unit MRP [₹]
16	200...250	2P + E	82754 <input checked="" type="checkbox"/>	7210
	380...415	3P + E	82758	8780
		3P + N + E	82759	9075
32	200...250	2P + E	83791 <input checked="" type="checkbox"/>	8535
	380...415	3P + E	83795	10105
		3P + N + E	83796	10170

## Socket with Interlock Switch &amp; DIN Rail Isoblock (6 modules)



- Switch designed for use in AC- 22A class applications
- Conforms to IEC 60309 -1 & IEC 60309-2
- Provision to DIN mount 6 module device
- External impact strength: IK10
- Available in IP65 version
- Glow wire test: 850°C

[In] Rated Current (A)	[Ue] Rated Operational Voltage (V)	Poles Description	Reference	Unit MRP [₹]
32	200...250	2P + E	82766	11265
	380...415	3P + E	82770	13205
		3P + N + E	82771	13605
63	380...415	3P + E	82782	15175
		3P + N + E	82783	15225

**Note:** For all above Reference MOQ = 1

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

**ELECTRA Metal Clad Plugs & Sockets are specially designed incorporating the latest safety, quality and user friendly features.**

**Construction**

- The casting is made from non-corroding die-cast aluminum alloy combining exceptional compactness with high strength
- The design/construction eliminates the possibility of mismatch in fitting of plugs in corresponding sockets
- The floating contacts in the sockets are self aligning and facilitates smooth plugging in without undue pressure (These can be easily removed for wiring )
- A provision for pilot pin facilitates mechanical interlocking in case of 63 Amp ratings

**Human Safety**

Specially designed shroud to avoid accidental finger contact with plug-pins while inserting/removing the plug  
Similarly, the contact tubes in sockets are deeply recessed to avoid human contact

- The earthing pins ensure that earth connection is made first and broken last, being longer than conducting pins
- The visible earth terminals facilitate easy checking of earth connection
- The cable grip to the plug is made very strong by providing a compression gland and by protecting it at the point of entry by a strong rubber guard

**Applications**

Industrial, Commercial & Domestic portable equipments like hand/Power tools, industrial ovens, Welding sets, Mobile generators, Furnaces, Ships, Office Machines, Refrigerators, Coolers, Air-Conditioners, Overhead cranes, Chilling cabinets, Tile polishers and Sewing Machines

**Plug**



Rating (A)	Poles Description	Voltage (V)	MOQ	Reference	Unit MRP [₹]
10	2P	250	30	AP10 <input checked="" type="checkbox"/>	188
20	2P	250	30	AP20 <input checked="" type="checkbox"/>	198
20	3P	440	30	BP20 <input checked="" type="checkbox"/>	262
30	3P	440	20	BP30 <input checked="" type="checkbox"/>	480
63	3P+N+E	440	4	CP63 <input checked="" type="checkbox"/>	2170

**Socket**



Rating (A)	Poles Description	Voltage (V)	MOQ	Reference	Unit MRP [₹]
10	2P	250	30	AS10 <input checked="" type="checkbox"/>	198
20	2P	250	30	AS20 <input checked="" type="checkbox"/>	232
20	3P	440	30	BS20 <input checked="" type="checkbox"/>	294
30	3P	440	20	BS30 <input checked="" type="checkbox"/>	508
63	3P+N+E	440	4	CS63 <input checked="" type="checkbox"/>	2300

Complete range of switches & sockets suitable for both indoor & outdoor applications like kitchens, swimming pools, landscape gardens, exterior walls and other environmentally challenged locations



56SW110LE-GY

Description	IP Rating	Reference	Unit LP [₹]
<b>Surface Switches</b>			
<b>Single Pole Switches Less Enclosure</b>			
1 Pole 250V 10A	IP66	56SW110LE-GY	2445
1 Pole 250V 16A	IP66	56SW116LE-GY	2290
1 Pole 250V 20A	IP66	56SW120LE-GY	3470
1 Pole 250V 32A	IP66	56SW132LE-GY	4100
<b>Double Pole Switches Less Enclosure</b>			
2 Pole 500V 16A	IP66	56SW216LE-GY	3960
2 Pole 500V 20A	IP66	56SW220LE-GY	3960
2 Pole 500V 32A	IP66	56SW232LE-GY	4600
2 Pole 500V 50A	IP66	56SW250LE-GY	4905
2 Pole 500V 63A	IP66	56SW263LE-GY	5390
<b>Triple Pole Switches Less Enclosure</b>			
3 Pole 500V 10A	IP66	56SW310LE-GY	3660
3 Pole 500V 16A	IP66	56SW316LE-GY	3820
3 Pole 500V 20A	IP66	56SW320LE-GY	4020
3 Pole 500V 32A	IP66	56SW332LE-GY	4690
3 Pole 500V 50A	IP66	56SW350LE-GY	5410
3 Pole 500V 63A	IP66	56SW363LE-GY	6280
<b>Four Pole Switches Less Enclosure</b>			
4 Pole 500V 20A	IP66	56SW420LE-GY	5310



66CV563-RG

Description	IP Rating	Reference	Unit LP [₹]
<b>IP66 Industrial Combination Switch Sockets with Enclosure</b>			
<b>Single Pole Switches Less Enclosure</b>			
500V, 63A with 4 pole switch and 63A 5 Pin Socket	IP66	66CV563-RG	71215
Plug Top 5 Pin 500V 63A	IP66	66P563-EO	21375
Plug Top 5 Pin 500V 63A	IP66	66P763-EO	23910

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018



56SO532LE-GY



56SO320LE-RO

Description	IP Rating	Reference	Unit LP [₹]
<b>Surface Socket Outlets</b>			
<b>3 Pin Sockets Less Enclosure</b>			
3 Pin 250V 16A Indian Standard	IP66	56SO316RP-LE-GY-EX	2200
3 Pin 250V 20A Round Pin	IP66	56SO320LE-GY	3350
3 Pin 250V 32A Round Pin	IP66	56SO332LE-GY	3695
<b>4 Pin Sockets Less Enclosure</b>			
4 Pin 500V 20A Round Pin	IP66	56SO420LE-GY	4955
4 Pin 500V 32A Round Pin	IP66	56SO432LE-GY	5925
4 Pin 500V 40A Round Pin	IP66	56SO440LE-GY	6885
4 Pin 500V 50A Round Pin	IP66	56SO450LE-GY	9120
<b>5 Pin Sockets Less Enclosure</b>			
5 Pin 500V 10A Round Pin	IP66	56SO510LE-GY	5355
5 Pin 500V 20A Round Pin	IP66	56SO520LE-GY	5355
5 Pin 500V 32A Round Pin	IP66	56SO532LE-GY	6360
5 Pin 500V 40A Round Pin	IP66	56SO540LE-GY	9175
5 Pin 500V 50A Round Pin	IP66	56SO550LE-GY	9420



56PA420-EO

Description	IP Rating	Reference	Unit LP [₹]
<b>Plugs</b>			
<b>3 Pin Angle Plugs</b>			
3 Pin 250V 16A Indian Standard	IP66	56PA316RP-GY-EX	1735
3 Pin 250V 20A Round Pin	IP66	56PA320-EO	3470
3 Pin 250V 32A Round Pin	IP66	56PA332-EO	3970
<b>4 Pin Angle Plugs</b>			
4 Pin 500V 20A Round Pin	IP66	56PA420-EO	4230
4 Pin 500V 32A Round Pin	IP66	56PA432-EO	4400
4 Pin 500V 40A Round Pin	IP66	56PA440-EO	5175
4 Pin 500V 50A Round Pin	IP66	56PA450-EO	5225
<b>5 Pin Angle Plugs</b>			
5 Pin 500V 10A Round Pin	IP66	56PA510-EO	4155
5 Pin 500V 20A Round Pin	IP66	56PA520-EO	4155
5 Pin 500V 32A Round Pin	IP66	56PA532-EO	4800
5 Pin 500V 40A Round Pin	IP66	56PA540-EO	5080
5 Pin 500V 50A Round Pin	IP66	56PA550-EO	5200
<b>Combination Switch Socket Outlet</b>			
<b>IP66 Interlocked Switch Socket with Enclosure</b>			
4 Pin 500V 20A Round Pin	IP66	56CVI420-GY	12845
4 Pin 500V 32A Round Pin	IP66	56CVI432-GY	13765
5 Pin 500V 20A Round Pin	IP66	56CVI520-GY	15695
5 Pin 500V 32A Round Pin	IP66	56CVI532-GY	15840
5 Pin 500V 40A Round Pin	IP66	56CVI540-GY	17205



56DB2-GY



56DB4-GY

Description	IP Rating	Reference	Unit LP [₹]
<b>Adaptable Enclosures with Gear Tray</b>			
2 Gangpoints, 198X101X140mm	IP66	56DB2-GY	4330
3 Gangpoints, 294X101X140mm	IP66	56DB3-GY	5765
6 Gangpoints, 294X198X140mm	IP66	56DB6-GY	9530
9 Gangpoints, 294X294X180mm	IP66	56DB9-GY	14065
<b>Junction Boxes</b>			
1 Gangpoint, 107X101X90mm	IP66	56JB1-GY	1915
2 Gangpoints, 204X101X90mm	IP66	56JB2-GY	3170
3 Gangpoints, 300X101X90mm	IP66	56JB3-GY	4755
4 Gangpoints, 204X198X90mm	IP66	56JB4-GY	6385

Description	Module Width	Reference	Unit LP [₹]
<b>Switchgear Cover Assembly</b>			
For 1,2,3 Pole MCB with 4 Pole RCD (max. 4M Width)	4	56CB4N-GY	3765

Description	No. of Gangs	Reference	Unit LP [₹]
<b>Flush Surrounds</b>			
Flush Surround	1	56FA1-GY	1285
Flush Surround	2	56FA2-GY	1855
Flush Surround	3	56FA3-GY	2920
Flush Surround	4	56FA4-GY	2920
<b>Mounting Enclosures (Back Boxes)</b>			
101X101X63mm	1	56E1-GY-EX	862
198X101X63mm	2	56E2-GY	2010
294X101X63mm	3	56E3-GY	3285
198X198X63mm	4	56E4-GY	4230
294X198X63mm	6	56E6-GY	6760
391X198X63mm	8	56E8-GY	8875
294X294X63mm	9	56E9-GY	9870
391X391X63mm	16	56E16-GY	16080

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

# SWITCH TO STYLE

Perfect solutions for the perfect you

ULTi



NEO



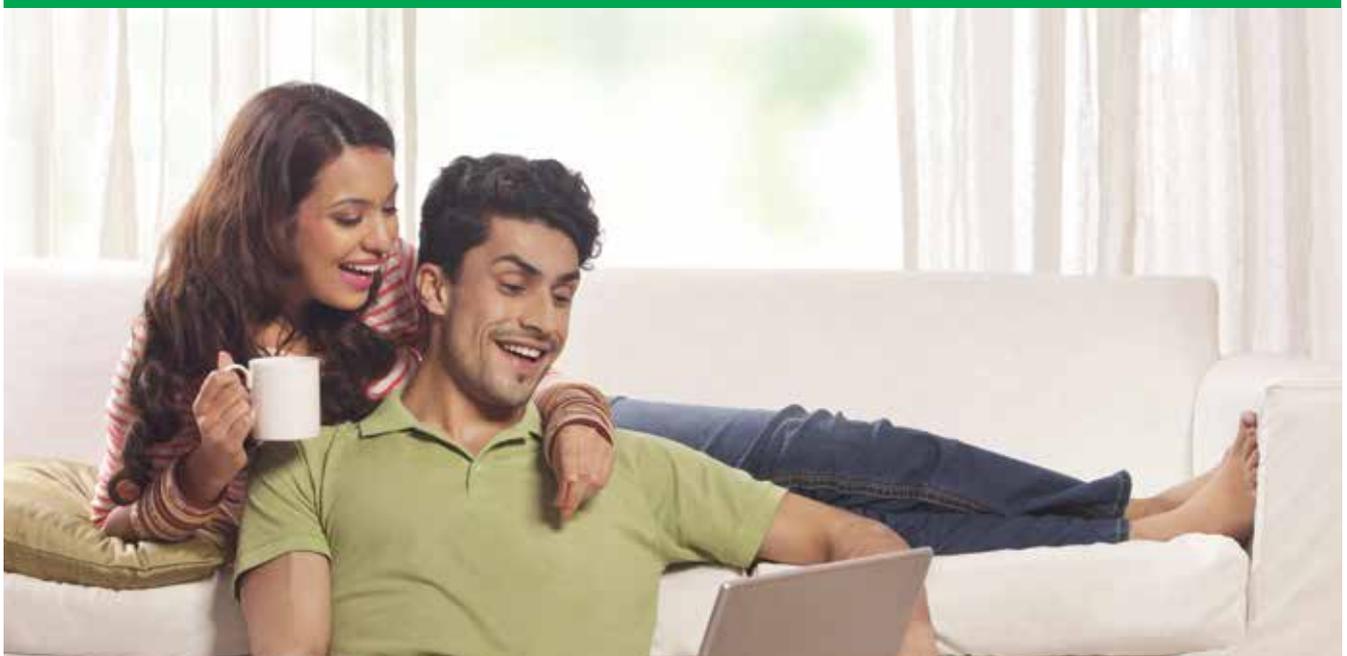
ZENcelo



Opale



LIVIA



# Switch more than just lights. #Switch The Mood

ON / OFF

DIMMING

ALUMINIUM

ANTHRACITE

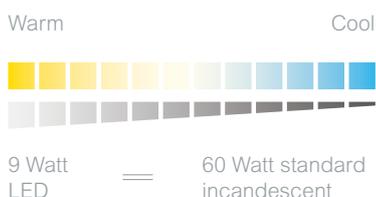


MY FAVORITE

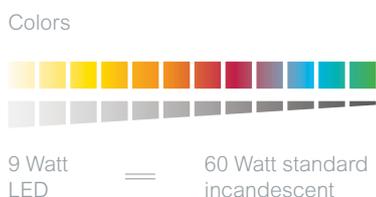
WHITE SHADES OR  
COLOR CHANGES

## Wiser Odace™ LIGHTING. One Light, Many Moods!

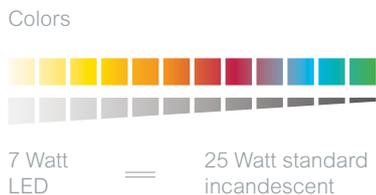
White kit  
Smart LED



Color kit  
Smart LED  
colors



Aroma kit  
Sensorial  
light



Change the mood?  
There's also an app for that!

Your mood is now at your fingertips, with the 'Wiser Lighting' app.

Bluetooth connectivity:  
Take control of the mood,  
wirelessly

Schedules: Set a wake-up  
light or a night light or  
presence simulator

Unlimited Colour Options:  
Choose from up to 16  
million colours

Disco mode: Let your lights flash and  
flicker to music

Aroma diffuser: Soak in the energy of  
therapeutic scents

Light grouping: Several lights can be  
group-activated by the same preset

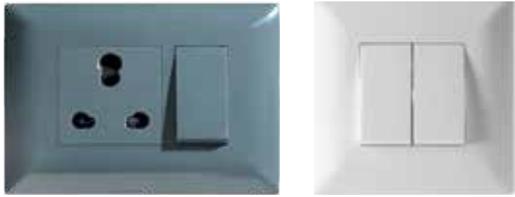


Wiser Odace™ LIGHTING Product	Reference	Unit MRP [₹]
White Kit	S527578W	6499
Colour Kit	S527578C	7499
Aroma Kit	S527578A	9499
White Switch	S520578	4999
Aluminium Switch	S530578	5499
Anthracite Switch	S540578	5499

\*Contact Schneider Electric Sales Representative for more details

W.E.F. March 12, 2018

# LIVIA - Switch to the extra-ordinary



- **Sleek Design** - 2.7mm thin plate with curved body to minimize dust accumulation
- **Stylish Looks** - Soft white texture with glossy finish
- **Robust & Strong** - Innovative honeycomb designed grid plate for extra rigidity
- **Reliable** - High grade heat-resistant polycarbonate and laser marked wiring diagrams
- **Easy to Install** - Snap-In / Snap-Out front loading modules and Bigger terminal holes
- **Green & Eco Friendly** - RoHS compliant range



P1001



P1081



P1002



P1025



P2005



P2106



P3012



P3200



P6005



P5001



P0703



P0704

Description	Reference for White	Unit MRP [₹]	Reference for Pebble Grey	Unit MRP [₹]
<b>Switches</b>				
10AX 1 way switch	P1001	110	P1001_DG	132
10AX 1 way switch with Indicator lamp	P1081	182	P1081_DG	210
10AX 2 way switch	P1002	148	P1002_DG	174
16AX 1 way switch	P1101	162	P1101_DG	192
16AX 1 way switch with Indicator lamp	P1181	224	P1181_DG	260
16AX 1 way switch (2M)	P1121	230	P1121_DG	268
16AX 2 way switch (1M) <b>NEW</b>	P1102	210	P1102_DG	246
20A 1 way switch (1M) <b>NEW</b>	P11201	178	P11201_DG	196
20A DP switch with Indicator lamp	P1120	360	P1120_DG	422
32A DP switch with Indicator lamp	P1132	534	P1132_DG	628
<b>Motor Starter Switch <b>NEW</b></b>				
25A Motor Starter switch	P1186MS	850	P1186MS_DG	996
<b>Bell Push</b>				
10A Bell Push switch	P1005	164	P1005_DG	192
10A Bell Push switch (2M)	P1025	214	P1025_DG	250
10A bell push switch with Indicator	P1085	194	P1085_DG	226
10A bell push switch with Indicator (2M)	P1086	250	P1086_DG	292
<b>Sockets</b>				
10A, 2/3pin Socket Outlet with Shutter	P2005	180	P2005_DG	212
10A/16A 3-pin Socket Outlet with Shutter	P2106	272	P2106_DG	318
10A/25A 3 Pin Socket Outlet with Shutter	P2207	366	P2207_DG	430
13A Multi Pin Socket Outlet with Shutter	P2010	294	P2010_DG	352
<b>Fan Regulators &amp; Dimmers</b>				
Step type fan regulator ( 1M)	P3100	504	P3100_DG	592
Step type fan regulator ( 2M)	P3200	608	P3200_DG	714
Dimmer 400W (1M)	P3004	872	P3004_DG	1050
Dimmer 1000W (2M)	P3012	1140	P3012_DG	1335
<b>Accessories</b>				
RJ 11 Telephone outlet with shutter	P4011	146	P4011_DG	174
RJ 45 Cat 5e Data outlet with shutter	P4045	500	P4045_DG	586
RJ 45 Cat6 Data outlet with shutter	P4046	558	P4046_DG	672
TV socket	P4500	140	P4500_DG	166
Blank off unit (1M)	P0001	40	P0001_DG	46
Foot Lamp with LED <b>NEW</b>	P7001	580	P7001_DG	680
Cord Outlet <b>NEW</b>	P4550	150	P4550_DG	176
LED Phase Indicator <b>NEW</b>	P5001	240	-	-
<b>Hotel Series <b>NEW</b></b>				
DND Switch	P6002	170	P6002_DG	198
MMR Switch	P6004	170	P6004_DG	198
DND & MMR Indicator	P6013	550	P6013_DG	644
Key Card Switch - Electronic	P6005	3150	P6005_DG	3690
<b>Cover Plates</b>				
1-2 M Grid & 1 M Cover Frame	P0701	98	P0701_DG	112
1-2 M Grid & 2 M Cover Frame	P0702	98	P0702_DG	116
3 M Grid & 3 M Cover Frame	P0703	124	P0703_DG	144
4 M Grid & 4 M Cover Frame	P0704	144	P0704_DG	168
6 M Grid & 6 M Cover Frame	P0706	182	P0706_DG	222
8 M Grid & 8 M Cover Frame - Horizontal	P0708	240	P0708_DG	290
8 M Grid & 8 M Cover Frame - Square	P0709	278	P0709_DG	326
12 M Grid & 12 M Cover Frame	P0712	336	P0712_DG	396
18 M Grid & 18 M Cover Frame	P0718	484	P0718_DG	570

# Opale - Switches with Satin Finish



- **Patented Smooth Satin Finish** - Scratch Resistant, Easy to Clean & Prevents light reflection off surface
- **Safe to Use** - High grade flame retardant polycarbonate material & Child Proof sockets with unique shutter design
- **Hassle Free Operation** - 'Soft sound' switches with Gold plated Data Socket contacts for better connection
- **Easy to Install** - Snap-In / Snap-Out front loading modules and terminals with indented screws
- **Green & Eco Friendly** - RoHS compliant range



X1001WH



X1286WH



X1186WH



X1005WH



X1085WH



X2005WH



X2106WH



X2010WH



X3200WH



X3104WH



X4010WH



X7003WH



X5001



X5002

Description	Reference for White	Unit MRP [₹]	Reference for Coke Grey	Unit MRP [₹]
<b>Switches</b>				
6A 1 way switch	X1001WH	134	AAKY1001	166
6A 1 way switch with Indicator lamp	X1081WH	198	AAKY1081	236
6A 2 way switch	X1002WH	174	AAKY1002	212
16A 1 way switch	X1101WH	202	AAKY1101	250
16A 1 way switch with Indicator lamp	X1181WH	280	AAKY1181	330
16A 2 way switch	X1102WH	270	AAKY1102	320
6A 1 way switch (2M)	X1021WH	222	AAKY1021	264
16A 1 way switch (2M)	X1121WH	284	AAKY1121	340
6A 1 way switch with Indicator (2M)	X1028WH	268	AAKY1028	322
16A 1 way switch with Indicator (2M)	X1128WH	328	AAKY1128	390
20A DP switch with Indicator (2M)	X1286WH	474	AAKY1286	552
32A DP switch (2M)	AAKX1232	690	-	-
<b>Motor Starter Switch</b>				
25A Motor Starter switch	X1186WH	1205	AAKY1186	1450
<b>Bell Push</b>				
6A Bell Push	X1005WH	198	AAKY1005	238
6A Bell Push (2M)	X1025WH	278	AAKY1025	336
6A Bell Push with Indicator	X1085WH	262	AAKY1085	314
6A Bell Push with Indicator (2M)	X1086WH	298	AAKY1086	356
<b>Sockets</b>				
6A 2/3 Pin Socket Outlet with Shutter	X2005WH	214	AAKY2005	254
6A "Uni Socket" Outlet with Shutter	X2007WH	266	AAKY2007	304
6A/16A 3-Pin Socket Outlet with Shutter	X2106WH	328	AAKY2106	384
13A Multi Pin Socket Outlet with Shutter	X2010WH	322	AAKY2010	386
16A 3-Pin Socket Outlet with Shutter	X2103WH	362	AAKY2103	436
13A BS flat Pin Socket Outlet with Shutter	X2403WH	454	AAKY2403	544
20A 3 Pin Socket Outlet with Shutter	X2206WH	406	AAKY2206	488
25A 3 Pin Socket Outlet with Shutter	X2207WH	440	AAKY2207	526
<b>Fan Regulators &amp; Dimmers</b>				
Step type fan regulator (2M)	X3200WH	758	AAKY3200	906
Dimmer 400W (1M)	X3104WH	680	AAKY3104	814
Dimmer 400W (2M)	X3004WH	1055	AAKY3004	1265
Dimmer 1200W	X3012WH	1360	AAKY3012	1630
<b>USB Chargers <span style="background-color: orange; color: white; padding: 2px;">NEW</span></b>				
2 Gang USB Charger - 2.1A (2M)	X7003WH	2245	AAKY7003	2625
<b>Accessories</b>				
RJ11 Telephone outlet (no shutter)	X4010WH	174	AAKY4010	212
RJ11 Telephone outlet with shutter	X4011WH	176	AAKY4011	212
Twin RJ11 Telephone outlets (no shutter) (1M)	X4020WH	264	AAKY4020	322
RJ45 Data Outlet with shutter	X4045WH	620	AAKY4045	730
TV Socket	X4500WH	164	AAKY4500	202
RJ45 Cover for Key Stone Type	X4050WH	200	AAKY4050	242
Gripped Cord Outlet	X4550WH	180	AAKY4550	216
Buzzer	X3300WH	742	AAKY3300	820
Blank off unit (1M)	X0001WH	44	AAKY0001	60
Neon Phase Indicator (Red)	X5001	280	-	-
Neon Phase Indicator (Green)	X5002	280	-	-
Neon Phase Indicator (Yellow)	X5003	280	-	-

# Opale - Switches with Satin Finish



AAKX6002 + AAKX6004 + X0702



AAKX6006 + X0703

Description	Reference	Unit MRP [₹]
<b>Hotel Series*</b>		
DND Panel	AAKX6001	436
DND Switch	AAKX6002	340
MMR Panel	AAKX6003	412
MMR Switch	AAKX6004	340
Key Tag Switch (Mechanical Type 20 A)	AAKX6005	888
Shaver Socket	AAKX6006	3745

\*Available in white colour only



X0733WH



AAKX0744



AAKX0754

Description	Reference for White	Unit MRP [₹]	Reference for Coke Grey	Unit MRP [₹]	Reference for Matt Silver	Unit MRP [₹]	Reference for Matt Gold	Unit MRP [₹]
<b>Cover Plates</b>								
1-2 M Grid & 1 M Cover Frame	X0701	114	AAKY0801	138	AAKX0741	276	AAKX0751	276
1-2 M Grid & 2 M Cover Frame	X0702	120	AAKY0802	144	AAKX0742	298	AAKX0752	298
3 M Grid & 3 M Cover Frame	X0703	142	AAKY0803	172	AAKX0743	356	AAKX0753	356
3 M Universal Grid & 3 M Cover Frame	X0733WH	188	AAKY0833	224	AAKX0744	356	AAKX0754	356
4 M Grid & 4 M Cover Frame	X0704	166	AAKY0804	204	AAKX0745	424	AAKX0755	424
6 M Grid & 6 M Cover Frame	X0706	232	AAKY0806	276	AAKX0746	524	AAKX0756	524
8 M Grid & 8 M Cover Frame - Horizontal	X0708	302	AAKY0808	360	AAKX0747	686	AAKX0757	686
8 M Grid & 8 M Cover Frame - Square	X0709	358	AAKY0809	428	AAKX0748	686	AAKX0758	686
12 M Grid & 12 M Cover Frame	X0712	420	AAKY0812	502	AAKX0749	936	AAKX0759	936
18 M Grid & 18 M Cover Frame	AAKX0718	548	-	-	-	-	-	-

# Opale - Exclusive Range of Colour Plates NEW



Description	Reference for Rustic Bronze	Reference for Mulberry Red	Reference for Lavender Passion	Unit MRP [₹]
1-2M Grid & 1M Cover Frame	X0701_RB	X0701_MR	X0701_LP	276
1-2M Grid & 2M Cover Frame	X0702_RB	X0702_MR	X0702_LP	298
3M Grid & 3M Cover Frame	X0703_RB	X0703_MR	X0703_LP	356
3M Uni Grid & 3M Cover Frame	X0733_RB	X0733_MR	X0733_LP	356
4M Grid & 4M Cover Frame	X0704_RB	X0704_MR	X0704_LP	424
6M Grid & 6M Cover Frame	X0706_RB	X0706_MR	X0706_LP	524
8M Grid & 8M Cover Frame - Linear	X0708_RB	X0708_MR	X0708_LP	686
8M Grid & 8M Cover Frame - Square	X0709_RB	X0709_MR	X0709_LP	686
12M Grid & 12M Cover Frame	X0712_RB	X0712_MR	X0712_LP	936



Description	Reference for Champagne Gold	Reference for Solid Black	Reference for Green Oak	Reference for Gleaming Grey	Reference for Misty Grey	Reference for Black Graphite	Unit MRP [₹]
1-2M Grid & 1M Cover Frame	X0701_CHG	X0701_SB	X0701_GO	X0701_GG	X0701_MG	X0701_BG	276
1-2M Grid & 2M Cover Frame	X0702_CHG	X0702_SB	X0702_GO	X0702_GG	X0702_MG	X0702_BG	298
3M Grid & 3M Cover Frame	X0703_CHG	X0703_SB	X0703_GO	X0703_GG	X0703_MG	X0703_BG	356
3M Uni Grid & 3M Cover Frame	X0733_CHG	X0733_SB	X0733_GO	X0733_GG	X0733_MG	X0733_BG	356
4M Grid & 4M Cover Frame	X0704_CHG	X0704_SB	X0704_GO	X0704_GG	X0704_MG	X0704_BG	424
6M Grid & 6M Cover Frame	X0706_CHG	X0706_SB	X0706_GO	X0706_GG	X0706_MG	X0706_BG	524
8M Grid & 8M Cover Frame - Linear	X0708_CHG	X0708_SB	X0708_GO	X0708_GG	X0708_MG	X0708_BG	686
8M Grid & 8M Cover Frame - Square	X0709_CHG	X0709_SB	X0709_GO	X0709_GG	X0709_MG	X0709_BG	686
12M Grid & 12M Cover Frame	X0712_CHG	X0712_SB	X0712_GO	X0712_GG	X0712_MG	X0712_BG	936

## You Choose a colour, we get it done!



Choose the cover plate colour of your choice from the 100+ options available in the shade card\*

\*Contact Schneider Electric Sales Representative for details

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

# ZENcelo India - The Revolutionary Full-Flat Switch



- **World's First and only Full-Flat Mechanical Switch**
- **Patented Iso-Motion Technology** - Ensures switch stays in the same position whether On or Off
- **Robust & Strong** - Made of corrosion-resistant, heat-resistant and impact-resistant polycarbonate
- **Safe to Use** - Electric arc encapsulated switches and Data Sockets with patented integrated shutter
- **Designed to Last** - Switches tested to 80,000 times; Sockets tested to 15,000 cycles.
- **Green & Eco Friendly** - RoHS compliant range



IN8401



IN8401/16



IN8411



IN8486/20



IN8405



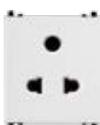
IN8425



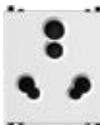
IN84SFR



IN8404D



IN8426U



IN8426/16



IN8431RJS4



IN8432USB\_WE



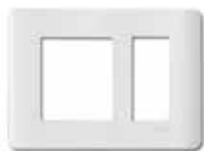
INH8451



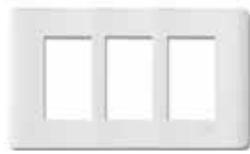
INH8454

Description	Reference for White	Unit MRP [₹]	Reference for Dark Grey	Unit MRP [₹]
<b>Switches</b>				
6A 1 Way switch	IN8401	290	IN8401(BZ)	364
6A 1 Way switch (2M)	IN8421	442	IN8421(BZ)	532
6A 2 Way switch	IN8402	348	IN8402(BZ)	416
6A 1 Way switch with Neon	IN8481	432	IN8481(BZ)	518
16AX~20A 1 Way switch	IN8401/16	418	IN8401/16(BZ)	510
16AX~20A 1 Way switch (2M)	IN8421/16	588	IN8421/16(BZ)	696
16AX~20A 1 Way switch with Neon	IN8481/16	590	IN8481/16(BZ)	700
16AX~20A 1 Way switch with Neon (2M)	IN8482/16	696	IN8482/16(BZ)	818
16AX~20A 2 Way switch	IN8402/16	584	IN8402/16(BZ)	690
16AX~20A 2 Way switch (2M)	IN8422/16	700	IN8422/16(BZ)	822
16AX~20A 1 Way 2G switch (1M)	IN8444/16	678	IN8444/16(BZ)	818
10AX Intermediate switch	IN8430/IM	976	IN8430/IM(BZ)	1110
20A DP Switch with Neon (2M)	IN8486/20	910	IN8486/20(BZ)	1075
32A DP Switch with Neon (2M)	IN8486/32	1430	IN8486/32(BZ)	1700
<b>Motor Starter Switch</b>				
25A Motor Starter switch (2M)	IN8425MS	2320	IN8425MS(BZ)	2465
<b>Bell Push</b>				
6A Bell Push switch	IN8405	394	IN8405(BZ)	476
6A Bell Push switch (2M)	IN8425	576	IN8425(BZ)	680
6A Bell Push switch with Neon	IN8485	512	IN8485(BZ)	604
6A Bell Push switch with Neon (2M)	IN8486	636	IN8486(BZ)	750
<b>Sockets</b>				
2~3 Pin Universal Socket with Shutter	IN8426U	452	IN8426U(BZ)	548
6A/16A 3 Pin Socket with Shutter	IN8426/16	676	IN8426/16(BZ)	828
13A Flat Pin Socket with Shutter	IN84213	926	IN84213(BZ)	1095
International Socket with Shutter	IN84213IS	798	IN84213IS(BZ)	998
Universal 2 Pin Socket with Shutter	IN84226U	476	IN84226U(BZ)	558
20A 3 Pin Socket with Shutter	IN84220	862	IN84220(BZ)	1014
25A 3 Pin Socket with Shutter	IN84225	922	IN84225(BZ)	1105
<b>Fan Regulators &amp; Dimmers</b>				
Fan Control (5 Speeds)	IN84SFR	1605	IN84SFR(BZ)	1925
Full Flat 400W Dimmer Module (1 Gang)	IN8404D	1375	IN8404D(BZ)	1630
<b>USB Chargers <span style="background-color: orange; color: white; padding: 2px;">NEW</span></b>				
1 Gang USB Charger - 2.1A (1M)	IN8431USB_WE	2725	IN8431USB_BZ	3125
2 Gang USB Charger - 2.1A (2M)	IN8432USB_WE	3985	IN8432USB_BZ	4585
<b>Accessories</b>				
RJ11 Telephone Outlet with shutter (1 Gang)	IN8431RJS4	448	IN8431RJS4(BZ)	548
RJ45 Cat6 Data Outlet with shutter	IN8431RJ6	1555	IN8431RJ6(BZ)	1910
Data Outlet Wall Plate (for RJ45 key stone jack)	IN8431RJC	428	IN8431RJC(BZ)	504
TV Socket	IN8431TV	328	IN8431TV(BZ)	396
Cord Outlet	IN8445CO	376	IN8445CO(BZ)	456
Foot Lamp with White LED (2M)	IN8490FLW	3035	-	-
Foot Lamp with Yellow LED (2M)	IN8490FLY	2960	-	-
Blank off unit (1M)	IN8430X	100	IN8430X(BZ)	124
<b>Hotel Series</b>				
Do Not Disturb Panel	INH8451	2100	INH8451(BZ)	2485
Make My Room Panel	INH8454	1905	INH8454(BZ)	2250
Do Not Disturb Switch	INH8452	1040	INH8452(BZ)	1225
Do Not Disturb Switch (2M)	INH8453	1060	INH8453(BZ)	1250
Make My Room Switch	INH8455	1018	INH8455(BZ)	1200

# ZENcelo India - The Revolutionary Full-Flat Switch



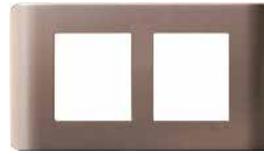
IN8403C



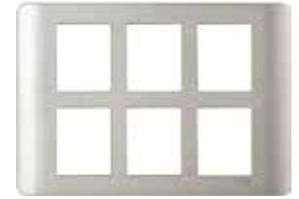
IN8406C



IN8402C(BZ)



IN8404C(SZ)



IN84012C(SA)

Description	Reference for White	Unit MRP [₹]	Reference for Dark Grey	Unit MRP [₹]	Reference for Silver Bronze	Unit MRP [₹]	Reference for Satin Silver	Unit MRP [₹]
<b>Cover Plates</b>								
1M Grid & 1M Cover Frame	IN8401C	248	IN8401C(BZ)	294	IN8401C(SZ)	684	IN8401C(SA)	684
2M Grid & 2M Cover Frame	IN8402C	258	IN8402C(BZ)	308	IN8402C(SZ)	676	IN8402C(SA)	676
3M Grid & 3M Cover Frame	IN8403C	304	IN8403C(BZ)	362	IN8403C(SZ)	832	IN8403C(SA)	832
4M Grid & 4M Cover Frame	IN8404C	330	IN8404C(BZ)	426	IN8404C(SZ)	1000	IN8404C(SA)	1000
6M Grid & 6M Cover Frame	IN8406C	504	IN8406C(BZ)	600	IN8406C(SZ)	1370	IN8406C(SA)	1370
8M Grid & 8M Cover Frame - Horizontal	IN8408HC	600	IN8408HC(BZ)	718	IN8408HC(SZ)	1855	IN8408HC(SA)	1855
8M Grid & 8M Cover Frame - Square	IN8408SC	816	IN8408SC(BZ)	1025	IN8408SC(SZ)	2320	IN8408SC(SA)	2320
9M Grid & 9M Cover Frame	IN8409C	986	IN8409C(BZ)	1230	IN8409C(SZ)	2975	IN8409C(SA)	2975
12M Grid & 12M Cover Frame	IN84012C	1305	IN84012C(BZ)	1605	IN84012C(SZ)	4150	IN84012C(SA)	4150
18M Grid & 18M Cover Frame	IN84018C	1840	IN84018C(BZ)	2165	IN84018C(SZ)	5495	IN84018C(SA)	5495

# ZENcelo BS - The Revolutionary Full-Flat Switch



- **British Standard** - Consistent Plate Size across functions
- World's First and only **Full-Flat Mechanical Switch**
- **Patented Iso-Motion Technology** - Ensures switch stays in the same position whether On or Off
- **Robust & Strong** - Made of corrosion-resistant, heat-resistant and impact-resistant polycarbonate
- **Designed to Last** - Switches tested to 80,000 times; Sockets tested to 15,000 cycles.
- **Green & Eco Friendly** - RoHS compliant range



E8432/1>SZ-OS



E8433/1-OS



E8415\_10\_WE



E8431D20-OS



E431RJS4-OS

Description	Reference for White	Unit MRP [₹]	Reference For Silver Brozne	Unit MRP [₹]
<b>Switches</b>				
16AX/20A 1 Gang 1 Way switch with Ondicator	E8431/1-OS	344	E8431/1>SZ-OS	428
16AX/20A 2 Gang 1 Way switch with Ondicator	E8432/1-OS	532	E8432/1>SZ-OS	666
16AX/20A 3 Gang 1 Way switch with Ondicator	E8433/1-OS	872	E8433/1>SZ-OS	1090
16AX/20A 4 Gang 1 Way switch with Ondicator	E8434/1-OS	1255	E8434/1>SZ-OS	1570
16AX/20A 1 Gang 2 Way switch	E8431/2-OS	368	E8431/2>SZ-OS	458
16AX/20A 2 Gang 2 Way switch	E8432/2-OS	646	E8432/2>SZ-OS	806
16AX/20A 3 Gang 2 Way switch	E8433/2-OS	938	E8433/2>SZ-OS	1180
16AX 1 Gang Intermediate Switch	E8431/I-OS	1020	E8431/I>SZ-OS	1280
<b>Double Pole Switches</b>				
20A 1 Gang Double Pole switch with Neon	E8431D20-OS	978	E8431D20>SZ-OS	1280
32A 1 Gang Double Pole switch with Neon	E8431D32-OS	1300	E8431D32>SZ-OS	1705
<b>Bell Push</b>				
10A Full-Flat Bell Switch	E8431BP1-OS	374	E8431BP1>SZ-OS	462
<b>Sockets</b>				
5A 1 Gang 3 Round Pin Switched Socket with Shutter and Ondicator	E8415/5-OS	680	E8415/5>SZ-OS	846
5A 1 Gang 3 Round Pin Switched Socket with Neon and Shutter	E8415/5N-OS	956	E8415/5N>SZ-OS	1200
15A 1 Gang 3 Round Pin Switched Socket with Shutter and Ondicator	E8415/15-OS	802	E8415/15>SZ-OS	1004
15A 1 Gang 3 Round Pin Switched Socket with Shutter and Neon	E8415/15N-OS	1180	E8415/15N>SZ-OS	1460
16A 1 Gang International Socket with Shutter	E84426/16IS-OS	854	E84426/16IS>SZ-OS	1062
13A 1 Gang Switched Socket with Ondicator	E8415-OS	1004	E8415>SZ-OS	1255
13A 1 Gang Switched Socket with Neon	E8415N-OS	846	E8415N>SZ-OS	1056
10/16A Switched Socket Outlet - Shuttered	E8415_16_10_WE	894	E8415_16_10_SZ	1046
10A 2-3 pin Switched Socket Outlet - Shuttered	E8415_10_WE	712	E8415_10_SZ	886
<b>Fan Regulators &amp; Dimmers</b>				
350VA 50Hz 1 Gang Full-Flat Universal Dimmer with LED	E8431EPD4-OS	2220	E8431EPD4>SZ-OS	2775
<b>Accessories</b>				
1 Gang TV Socket Master	E8431TVM-OS	430	E8431TVM>SZ-OS	536
1 Gang Telephone Socket on Shuttered Wallplate	E8431RJS4-OS	548	E8431RJS4>SZ-OS	686
2 Gang Telephone Socket on Shuttered Wallplate	E8432RJS4-OS	1280	E8432RJS4>SZ-OS	1590
1 Gang Data Outlet Category 5E with Integrated Shutter	E8431RJ/5-OS	854	E8431RJ/5>SZ-OS	1062
1 Gang Data Outlet Category 6 with Integrated Shutter	E8431RJ/6-OS	1020	E8431RJ/6>SZ-OS	1280
1 Gang Data Outlet Category 5E on Shuttered Wallplate	E8431RJS/5-OS	1062	E8431RJS/5>SZ-OS	1335
1 Gang Data Outlet Category 6 on Shuttered Wallplate	E8431RJS/6-OS	1280	E8431RJS/6>SZ-OS	1595
2 Gang Data Outlet Category 5E with Integrated Shutter	E8432RJ/5-OS	1495	E8432RJ/5>SZ-OS	1860
2 Gang Data Outlet Category 6 with Integrated Shutter	E8432RJ/6-OS	1915	E8432RJ/6>SZ-OS	2385
2 Gang Data Outlet Category 5E on Shuttered Wallplate	E8432RJS/5-OS	1495	E8432RJS/5>SZ-OS	1860
2 Gang Data Outlet Category 6 on Shuttered Wallplate	E8432RJS/6-OS	1915	E8432RJS/6>SZ-OS	2385
2 Gang Telephone + Data Outlet Category 5E with Integrated Shutter	E8432TDRJ/5-OS	1280	E8432TDRJ/5>SZ-OS	1595
2 Gang Telephone + Data Outlet Category 5E on Shuttered Wallplate	E8432TDRJS/5-OS	1590	E8432TDRJS/5>SZ-OS	1985
2 Gang Telephone + Data Outlet Category 6 on Shuttered Wallplate	E8432TDRJS/6-OS	1805	E8432TDRJS/6>SZ-OS	2255
TV + Cat 6 shutter outlet	E8432TVRJ6_WE_G1	1590	E8432TVRJ6_SZ_G1	1735
1 Gang Wallplate without Modular Jack	E8431RJ-OS	220	E8431RJ>SZ-OS	270
1 Gang Shuttered Wallplate without Modular Jack	E8431RJS-OS	330	E8431RJS>SZ-OS	402
2 Gang Wallplate without Modular Jack	E8432RJ-OS	368	E8432RJ>SZ-OS	456
2 Gang Shuttered Wallplate without Modular Jack	E8432RJS-OS	388	E8432RJS>SZ-OS	480
25A Connection Unit	E8431TB-OS	854	E8431TB>SZ-OS	1062
Blank off unit (1M)	E8430X-OS	228	E8430X>SZ-OS	284

# ZENcelo BS - The Revolutionary Full-Flat Switch



E8431USB\_WE



E8431USB\_SZ



E8431USB\_SA

Description	Reference For White	Unit MRP [₹]	Reference For Silver Bronze	Unit MRP [₹]	Reference For Satin Silver	Unit MRP [₹]
-------------	---------------------	--------------	-----------------------------	--------------	----------------------------	--------------

## USB Chargers

1 Gang 2.1A USB Charger	E8431USB_WE	3545	E8431USB_SZ	3955	E8431USB_SA	3955
-------------------------	-------------	------	-------------	------	-------------	------



E8431EKT-OS



E8432DMS>SZ-OS



E84T727H-OS



E84T727V>SZ-OS

Description	Reference for White	Unit MRP [₹]	Reference For Silver Bronze	Unit MRP [₹]
-------------	---------------------	--------------	-----------------------------	--------------

## Hotel Series

Illuminated "Do Not Disturb" & "Please Clean Up" Symbols	E8432DM-OS	2820	E8432DM>SZ-OS	3525
Illuminated "Do not Disturb" Symbol	E8431D-OS	822	E8431D>SZ-OS	1022
1 Gang Full-Flat Switch with Illuminated "Do not Disturb" Symbol	E8431DS-OS	442	E8431DS>SZ-OS	552
2 Gang Full-Flat Switch with Illuminated "Do not Disturb" & "Please Clean Up" Symbols	E8432DMS-OS	3105	E8432DMS>SZ-OS	3880
1 Gang Full-Flat Bell Switch with Illuminated "Do Not Disturb" Symbol	E8431BPD-OS	2365	E8431BPD>SZ-OS	2870
1 Gang Full-Flat Bell Switch with Illuminated "Do Not Disturb" & "Please Clean Up" Symbols	E8431BPDM-OS	3015	E8431BPDM>SZ-OS	3765
Electronic Key Card Time Delay Switch	E8431EKT-OS	6030	E8431EKT>SZ-OS	7540
Universal Shaver Unit, Vertical	E84T727V-OS	3410	E84T727V>SZ-OS	4250
Universal Shaver Unit, Horizontal	E84T727H-OS	3410	E84T727H>SZ-OS	4250

# NEO - Face the Future



- **Unique** - Horizontal Switches available for Horizontal Decor
- **Stylish** - Ingenious combination of matt and gloss finish along with a fresh look through use of LED technology
- **Convenient** - Switches with soft, luminiscent “locators” to locate the switch in dark
- **Dual Tone Colours** - Standard colours include Grey and White incorporating Blue and White LED respectively



E3033H1EBGS



E3032H1EWWW



E3032H1FWWW



E3032V1EBGS



E3031V1EWWW



E3032V1FWWW

Description	Horizontal Dolly Reference	Unit MRP [₹]	Vertical Dolly Reference	Unit MRP [₹]
<b>Grey Switches with Blue LED Indicator</b>				
10AX 250V 1 Gang 1 Way Switch	E3031H1EBGS	660	E3031V1EBGS	660
10AX 250V 1 Gang 2 Way Switch	E3031H2EBGS	770	E3031V2EBGS	770
10AX 250V 2 Gang 1 Way Switch	E3032H1EBGS	1030	E3032V1EBGS	1030
10AX 250V 2 Gang 2 Way Switch	E3032H2EBGS	1215	E3032V2EBGS	1215
10AX 250V 3 Gang 1 Way Switch	E3033H1EBGS	1510	E3033V1EBGS	1510
10AX 250V 3 Gang 2 Way Switch	E3033H2EBGS	1780	E3033V2EBGS	1780
10AX 250V 4 Gang 1 Way Switch	E3034H1EBGS	1880	-	-
10AX 250V 4 Gang 2 Way Switch	E3034H2EBGS	2225	-	-
<b>White Switches with White LED Indicator</b>				
10AX 250V 1 Gang 1 Way Switch	E3031H1EWWW	640	E3031V1EWWW	640
10AX 250V 1 Gang 2 Way Switch	E3031H2EWWW	738	E3031V2EWWW	738
10AX 250V 2 Gang 1 Way Switch	E3032H1EWWW	1022	E3032V1EWWW	1022
10AX 250V 2 Gang 2 Way Switch	E3032H2EWWW	1180	E3032V2EWWW	1190
10AX 250V 3 Gang 1 Way Switch	E3033H1EWWW	1445	E3033V1EWWW	1445
10AX 250V 3 Gang 2 Way Switch	E3033H2EWWW	1675	E3033V2EWWW	1675
10AX 250V 4 Gang 1 Way Switch	E3034H1EWWW	1835	-	-
10AX 250V 4 Gang 2 Way Switch	E3034H2EWWW	2175	-	-
<b>White Switches with White Fluorescent Indicator</b>				
10AX 250V 1 Gang 1 Way Switch	E3031H1FWWW	636	E3031V1FWWW	636
10AX 250V 1 Gang 2 Way Switch	E3031H2FWWW	718	E3031V2FWWW	718
10AX 250V 2 Gang 1 Way Switch	E3032H1FWWW	1016	E3032V1FWWW	1016
10AX 250V 2 Gang 2 Way Switch	E3032H2FWWW	1185	E3032V2FWWW	1185
10AX 250V 3 Gang 1 Way Switch	E3033H1FWWW	1440	E3033V1FWWW	1440
10AX 250V 3 Gang 2 Way Switch	E3033H2FWWW	1700	E3033V2FWWW	1700
10AX 250V 4 Gang 1 Way Switch	E3034H1FWWW	1860	-	-
10AX 250V 4 Gang 2 Way Switch	E3034H2FWWW	2195	-	-

# NEO - Face the Future



E3031VBP>GS-OS



E3031VD20>EWWW-OS



E3426/10IS>GS-OS



EH3015/6>GS-OS



E3031TV>GS-OS



E3031RJ5E>WW-OS



E3031USB\_GS



E3031USB\_WW



E3032HDM>GS-OS



E3031EKTH>WW-OS

Description	Horizontal Dolly Reference	Unit MRP [₹]	Vertical Dolly Reference	Unit MRP [₹]
<b>Bell Push</b>				
4A 1 Way Horizontal Bell Push Switch	E3031HBP>GS-OS	1375	E3031HBP>WW-OS	1345
4A 1 Way Vertical Bell Push Switch	E3031VBP>GS-OS	1350	E3031VBP>WW-OS	1330
<b>DP Switches</b>				
1 Gang Horizontal 20A DP Switch with Blue LED for Grey Switch and White LED for White Switch	E3031HD20EBGS	1145	E3031HD20EWWW	1115
1 Gang Vertical 20A DP Switch with Blue LED for Grey Switch and White LED for White Switch	E3031VD20>EBGS-OS	1115	E3031VD20>EWWW-OS	1080
1 Gang 32A DP Rocker Switch with Blue LED for Grey Switch and White LED for White Switch	E3031DR32EBGS	1675	E3031DR32EWWW	1615
<b>Intermediate Switch</b>				
16AX Intermediate Switch with Blue LED for Grey Switch and White LED for White Switch	E3031VIA>EBGS-OS	1810	E3031VIA>EWWW-OS	1740
<b>Socket</b>				
15A 1 Gang Switch Socket Outlet Grey with Blue LED for Grey Socket and White LED for White Socket	E3015/15-EBGS-EX	1965	E3015/15-EWWW-EX	1910
10A International Socket	E3426/10IS>GS-OS	1535	E3426/10IS>WW-OS	1470
6A 1 Gang Switch Socket Outlet	EH3015/6>GS-OS	1135	EH3015/6>WW-OS	1090
6/16A 1 Gang Switch Socket Outlet	EH3015/16/6>GS-OS	1585	EH3015/16/6>WW-OS	1550
<b>Fan Regulators &amp; Dimmers</b>				
1 Gang Fan Control	E3031FRGS	1835	E3031FRWW	1665
1 Gang Dimmer with Blue LED for Grey Dimmer and White LED for White Dimmer	E3031HD>EBGS-OS	11020	E3031HD>EWWW-OS	10915
2 Gang Horizontal Dimmer with Blue LED for Grey Dimmer and White LED for White Dimmer	E3032HD>EBGS-OS	19330	E3032HD>EWWW-OS	18790
<b>Accessories</b>				
1 Gang TV Socket Outlet	E3031TV>GS-OS	1022	E3031TV>WW-OS	998
2 Gang TV Socket Outlet	E3032VTV>GS-OS	1995	E3032VTV>WW-OS	1024
4 Pin 1 Gang Telephone Outlet (CAT 3)	E3031RJ>GS-OS	1185	E3031RJ>WW-OS	1125
4 Pin 1 Gang 8 Pin Data Outlet (CAT 5E)	E3031RJ5E>GS-OS	3140	E3031RJ5E>WW-OS	3025
4 Pin 2 Gang Telephone Outlet (CAT 3)	E3032RJ>GS-OS	2120	E3032RJ>WW-OS	1995
4 Pin Telephone Outlet (CAT 3) + 8 Pin Data Outlet (CAT 5E)	E3032TD>GS-OS	3870	E3032TD>WW-OS	3745
1G Keystone Plate Shuttered	E3031RJK>GS-OS	680	E3031RJK>WW-OS	656
2G Keystone Plate Shuttered	E3032RJK>GS-OS	710	E3032RJK>WW-OS	698
1 x 2.1A USB Charger	E3031USB_GS	4800	E3031USB_WW	4590
25A Connection Unit	E3031TB>GS-OS	900	E3031TB>WW-OS	862
1 Gang Blank Plate	E3030X>GS-OS	580	E3030X>WW-OS	554
2 Gang Blank Plate	ET3030X>GS-OS	1295	ET3030X>WW-OS	1250
<b>Hotel Series</b>				
2 Gang "Do Not Disturb" & "Please Clean Up" Combined (Horizontal)	E3032HDM>GS-OS	5975	E3032HDM>WW-OS	5790
1 Gang "Do Not Disturb" & "Please Clean Up" Combined (Vertical)	E3030VDM>GS-OS	5565	E3030VDM>WW-OS	5260
1 Gang Bell Push with "Please Clean Up" Combined (Vertical)	E3031VBP>GS-OS	4565	E3031VBPM>WW-OS	4400
1 Gang Bell Push with "Do not Disturb" Combined (Vertical)	E3031VPD>GS-OS	4565	E3031VPD>WW-OS	4400
1 Gang Bell Push with "Do Not Disturb" & "Please Clean Up" Combined (Vertical)	E3031VPDPM>GS-OS	4565	E3031VPDPM>WW-OS	4400
Electronic Key Card Switch (Horizontal)	E3031EKTH>GS-OS	12660	E3031EKTH>WW-OS	12325
115/240V Shaver Outlet (Vertical)	ET3727V>GS-OS	6570	ET3727V>WW-OS	6440

# ULTI Impress - The Ultimate Switch



- **Super Stylish** - Single piece face plate with maximized space for plate along with soft radiant blue/amber backlight for switches
- **Multiple Finish Options** - Crystal Glass, Champagne Gold, Brushed Silver, Pearl White
- **Technological Marvel** - Mechanical switch with touch and feel of electronic switch with patented impress mechanism
- **Strength & Durability** - Ionized metal grid for back housing plate
- **Automation Alignment** - Lighting Control & Automation available in same finish



1 Gang Switch with Crystal Glass Plate



2 Gang Switch with Pearl White Plate



4 Gang Switch with Brushed Silver Plate



Bell Push with Champagne Gold Plate



6-16A Switched Socket with Crystal Glass Plate

Description	Colour	Reference	Unit MRP [₹]
<b>Switches</b>			
1 Gang 250V 16AX 1 Way Switch module with Blue LED	Module	U201SPM/1>B00-OS	4395
1 Gang 250V 16AX 2 Way Switch module with Blue LED	Module	U201SPM/2>B00-OS	4760
Cover Plate for 1 Gang Switch	Brushed Silver	UC21SW/P>XBS-OS	1320
	Champagne Gold	UC21SW/P>XCG-OS	1320
	Crystal Glass	UC21SW/P>XGL-OS	5675
	Pearl White	UC21SW/P>XPW-OS	1320
2 Gang 250V 16AX 1 Way Switch module with Blue LED	Module	U202SPM/1>B00-OS	5865
2 Gang 250V 16AX 2 Way Switch module with Blue LED	Module	U202SPM/2>B00-OS	6585
Cover Plate for 2 Gang Switch	Brushed Silver	UC22SW/P>XBS-OS	1880
	Champagne Gold	UC22SW/P>XCG-OS	1880
	Crystal Glass	UC22SW/P>XGL-OS	6495
	Pearl White	UC22SW/P>XPW-OS	1880
4 Gang 250V 16AX, 1 Way Switch module with Blue LED	Module	U204SPM/1>B00-OS	9970
4 Gang 250V 16AX 2 Way Switch module with Blue LED	Module	U204SPM/2>B00-OS	11235
Cover Plate for 4 Gang Switch	Brushed Silver	UC24SW/P>XBS-OS	2990
	Champagne Gold	UC24SW/P>XCG-OS	2990
	Crystal Glass	UC24SW/P>XGL-OS	7875
	Pearl White	UC24SW/P>XPW-OS	2990
<b>Double Pole Switch</b>			
1 Gang 250V 20A Double Pole Switch module with Blue LED	Module	U201SPM/DP>B00-OS	5865
Cover Plate for 1 Gang DP Switch	Brushed Silver	UC21DP/P>XBS-OS	1830
	Champagne Gold	UC21DP/P>XCG-OS	1830
	Crystal Glass	UC21DP/P>XGL-OS	5500
	Pearl White	UC21DP/P>XPW-OS	1830
<b>Bell Push</b>			
Bell Push Switch Module with Blue LED	Module	US31BPB00	2245
Cover Plate for Bell Press Switch	Brushed Silver	UC31BPXBBS	1790
	Champagne Gold	UC31BPXCG	1790
	Crystal Glass	UC31BPXGL	5865
	Pearl White	UC31BPXPW	1790
<b>Sockets</b>			
6-16A Switched Socket	Module	US15/616000	5210
Cover Plate for 6-16A Switched Socket	Brushed Silver	UC15/616XBS	2805
	Champagne Gold	UC15/616XCG	2805
	Crystal Glass	UC15/616XGL	7325
	Pearl White	UC15/616XPW	2805
6A 2/3 Pin Switched Socket	Module	US15/6U000	4405
Cover Plate for 6A 2/3 Pin Switched Socket	Brushed Silver	UC15/6UXBS	2400
	Champagne Gold	UC15/6UXCG	2400
	Crystal Glass	UC15/6UXGL	6220
	Pearl White	UC15/6UXPW	2400
International Socket	Module	US426/16IS000	2665
Cover Plate for International Socket	Brushed Silver	UC426/16ISXBS	1875
	Champagne Gold	UC426/16ISXCG	1875
	Crystal Glass	UC426/16ISXGL	5310
	Pearl White	UC426/16ISXPW	1875

# ULTI Impress - The Ultimate Switch



Data Socket with Brushed Silver Cover Plate



Twin Data Socket with Crystal Glass Cover Plate



Keycard switch with Brushed Silver Cover Plate



Shaver Socket with Champagne Gold Cover Plate

Description	Colour	Reference	Unit MRP [₹]
<b>Accessories</b>			
TV Socket Module	Module	US31TV000	2245
	Brushed Silver	UC31TVXBS	2150
	Champagne Gold	UC31TVXCG	2150
Cover Plate for TV Socket	Crystal Glass	UC31TVXGL	7135
	Pearl White	UC31TVXPW	2150
Data Socket Module	Module	UD31RJ000	2805
	Brushed Silver	UDC31RJXBS	2150
	Champagne Gold	UDC31RJXCG	2150
Cover Plate for Data Socket	Crystal Glass	UDC31RJXGL	7130
	Pearl White	UDC31RJXPW	2150
Twin Data Socket Module	Module	UD32TD000	4290
	Brushed Silver	UDC32TDXBS	2150
	Champagne Gold	UDC32TDXCG	2150
Cover Plate for Twin Data Socket	Crystal Glass	UDC32TDXGL	7230
	Pearl White	UDC32TDXPW	2150
Blank Module	Module	US31X000	2570
	Brushed Silver	UC31XXBS	2340
	Champagne Gold	UC31XXCG	2340
Cover Plate for Blank Module	Crystal Glass	UC31XXGL	4770
	Pearl White	UC31XXPW	2340
<b>USB Chargers</b>			
1 Gang 2.1A USB Charger Module	White	US31USB_WE	3455
	Grey	US31USB_GY	3455
	Brushed Silver	UC31USB_XBS	2305
Cover Plate for 1 Gang 2.1A USB Charger	Champagne Gold	UC31USB_XCG	2305
	Crystal Glass	UC31USB_XGL	6885
	Pearl White	UC31USB_XPW	2305
<b>Hotel Series</b>			
Keycard Switch with Cover Plate	Brushed Silver	U31EKTHBBS	10155
	Champagne Gold	U31EKTHACG	10155
	Crystal Glass	U31EKTHBGL	13375
	Pearl White	U31EKTHBPW	10155
Shaver Socket with Cover Plate	Brushed Silver	US727HXBS	8575
	Champagne Gold	US727HXCG	8575
	Crystal Glass	US727HXGL	12495
	Pearl White	US727HXPW	8575

# Kavacha - Weather Protected Series



WHT20-GY-EX



CSW110-GY-EX



A3031WBP\_WE

- Pleasing looks with **IP56 protection**
- Large press switch
- Co-moulded sealing with no risk of gasket damage
- Chemical resistant & UV stabilised

Description	Reference	Unit MRP [₹]
<b>Kavacha IP56 Surface Mount Switches</b>		
<b>Switches with Looping Terminal</b>		
10A 1 Gang 2 Way Switch	CSW110-GY-EX	1830
20A/16A 1 Gang 2 Way Switch	CSW120-GY-EX	2100
10 A 2 Gang 2 Way Switch	CSW110/2-GY-EX	2490
20A/16A 1 Gang 2 Way Switch	CSW120/2-GY-EX	2790
10A 1 Gang 2 Way Bell Press Return Switch	CSW110BPR-GY-EX	2120
<b>Switches with Looping Terminal with Neon</b>		
10 A 1 Gang 2 Way surface switch with Looping Terminal with Neon	CSW110N-GY-EX	2100
10A 2 Gang 2 Way with Looping Terminal and Neon	CSW110/2N-GY-EX	2645
20A 1 Gang 2 Way with Looping Terminal with Neon	CSW120N-GY-EX	2255
20A/16A 2 Gang 2 Way with Looping Terminal with Neon	CSW120/2N-GY-EX	2950
<b>Double Pole Switches</b>		
20A 1 Gang Double Pole Switch	CSW220-GY-EX	2875
20A 2 Gang Double Pole Switch	CSW220/2-GY-EX	3025
<b>Kavacha Heavy Duty Isolator Switches</b>		
20A Double Pole	WHB220-RG	3170
20A Triple Pole	WHT20-GY-EX	3530
35A Triple Pole	WHT35-GY-EX	3940
55A Triple Pole	WHT55-GY-EX	4195
63A Triple Pole	WHT63-GY-EX	4490
<b>Kavacha IP56 Surface Mount Combined Switched Socket Outlets</b>		
<b>Combination Switch Socket Outlets</b>		
16A Single Pole Switched Socket Outlet	CSC316RP-GY-EX	3025
16A Single Pole Switched Socket Outlet with Neon	CSC316RPN-GY-EX	3260
<b>Kavacha IP56 Surface Mount Socket Outlets</b>		
16A Socket Outlet	CSO316RP-GY-EX	1790
<b>Kavacha Full-Time Weatherproof Cover</b>		
Full-Time Weatherproof Membrane Switch Cover (Transparent) IP55	E223M_TR	1045
Full-Time Weatherproof Membrane Switch Cover (White)IP56	E223M_WE	944
Full-Time Weatherproof Single Gang Socket Cover (Transparent) IP55	E223R_TR	736
Full-Time Weatherproof Single Gang Socket Cover (White)IP56	E223R_WE	666
<b>Kavacha Weatherproof Door Bell Switch</b>		
Surface Mounted Door Bell with LED Indicator (Grey)IP44	A3031WBP_GY	1115
Surface Mounted Door Bell with LED Indicator (White)IP44	A3031WBP_WE	974

# Metal Boxes



- **Weld free design** to minimize corrosion and rusting without compromising on strength
- Mounting clip and earth pin designed for **easier installation** and to **avoid loss during transportation**
- Removable side plates and optimized knock outs and for **easier wiring**
- Completely tested & validated as per **IS 14772**

Description	Reference	Unit MRP [₹]
<b>Metal Boxes for Indian Format Ranges (Livia, Opale &amp; ZENcelo India) <span style="background-color: orange; color: white; padding: 2px;">NEW</span></b>		
<b>0.8 mm thickness</b>		
Metal Box 1 & 2 modules	ME0102	84
Metal Box 3 modules	ME0103	108
Metal Box 4 modules	ME0104	124
<b>1 mm thickness</b>		
Metal Box 1 & 2 modules	MR1102	94
Metal Box 3 modules	MR1103	122
Metal Box 4 modules	MR1104	142
Metal Box 6 modules	MR1106	194
Metal Box 8 modules - Horizontal	MR1108	256
Metal Box 8 modules - Square	MR1109	256
Metal Box 12 module	MR1112	322
Metal Box 18 modules	MR1118	382

Description	Reference	Unit MRP [₹]
<b>Metal Boxes for BS Format Ranges (ZENcelo BS, NEO, ULTI)</b>		
<b>1 mm thickness</b>		
2 GANG GI Metal Boxes	GM1102	230
3 GANG GI Metal Boxes	GM1103	322
4 GANG GI Metal Boxes	GM1104	424

- Special Metal Box with Gang Partition to accommodate BS format ranges
- Single Metal Box can accommodate up to 4 units
- Number of Gangs for Metal Box = Number of units that it can accommodate (Eg. 3 GANG Metal Box can accommodate up to 3 BS format Units)

# EzInstall 3 - ULTI ZIGBEE

- 2 wire design, True Retrofit
- Intelligent dimmer with Auto Load Detection feature
- Capability to dim or switch on/off different load types (in case of non dimmable loads connected to dimmer)
- Very high network scalability with Peer to Peer Mesh technology
- Each unit (switch, dimmer) is a repeater – no need for any additional repeater
- Moods created at a touch of a button
- ZigBee protocol is based on the IEEE802.15.4 standard and works on 2.4GHz radio frequency



Crystal Glass



Brushed Silver



Champagne Gold



Pearl White

Description	Catalogue No.	Unit MRP [₹]
1 Gang 2000VA Zigbee Switch	U201SRY2KWZB	18155
1 Gang Switch Coverplate - Brushed Silver	UC21SWXBS	1439
1 Gang Switch Coverplate - Pearl White	UC21SWXPW	1439
1 Gang Switch Coverplate - Champagne Gold	UC21SWXCG	1439
1 Gang Switch Coverplate - Crystal Glass	UC21SWXGL	6668
2 Gang 2X1000VA Zigbee Switch	U202SRY2KWZB	20931
2 Gang Switch Coverplate - Brushed Silver	UC22SWXBS	2002
2 Gang Switch Coverplate - Pearl White	UC22SWXPW	2002
2 Gang Switch Coverplate - Champagne Gold	UC22SWXCG	2002
2 Gang Switch Coverplate - Crystal Glass	UC22SWXGL	7037
1 Gang 550W Zigbee Dimming Switch	U201DST600ZB	18746
1 Gang Dimmer Coverplate - Brushed Silver	UC21DMXBS	2304
1 Gang Dimmer Coverplate - Pearl White	UC21DMXPW	2304
1 Gang Dimmer Coverplate - Champagne Gold	UC21DMXCG	2304
1 Gang Dimmer Coverplate - Crystal Glass	UC21DMXGL	6960
2 Gang 2X300W Zigbee Dimming Switch	U202DST600ZB	22514
2 Gang Dimmer Coverplate - Brushed Silver	UC22DMXBS	2304
2 Gang Dimmer Coverplate - Pearl White	UC22DMXPW	2304
2 Gang Dimmer Coverplate - Champagne Gold	UC22DMXCG	2304
2 Gang Dimmer Coverplate - Crystal Glass	UC22DMXGL	8738
1 Gang 300VA Zigbee Curtain Control Switch	U201SCN300ZB	22705
1 Gang Curtain Coverplate - Brushed Silver	UC21CNXBS	2070
1 Gang Curtain Coverplate - Pearl White	UC21CNXPW	2070
1 Gang Curtain Coverplate - Champagne Gold	UC21CNXCG	2070

Description	Reference	Unit MRP [₹]
1 Gang 16A Zigbee Double Pole	U301SDP16AZB	22552
1 Gang DP Cover Plate – Crystal Glass	UC21DPXGL	7155
1 Gang DP Cover Plate – Pearl White	UC21DPXPW	2360
1 Gang DP Cover Plate – Brushed Silver	UC21DPXBS	2360
1 Gang DP Cover Plate – Champagne Gold	UC21DPXCG	2360

Description	Catalogue No.	Unit MRP [₹]
1 Gang Curtain Coverplate - Crystal Glass	UC21CNXGL	6221
2 Gang 2X300VA Zigbee Curtain Control Switch	U202SCN600ZB	26016
2 Gang Curtain Coverplate - Brushed Silver	UC22CNXBS	2304
2 Gang Curtain Coverplate - Pearl White	UC22CNXPW	2304
2 Gang Curtain Coverplate - Champagne Gold	UC22CNXCG	2304
2 Gang Curtain Coverplate - Crystal Glass	UC22CNXGL	8738
500W ZigBee IND PlugAdaptor Dimmer Wh	U104ND500ZB_WE	17919
Zigbee Handheld Remote Controller	U105RHH001ZB	12088
2Key Zigbee Freelocate Switch, Brushed Silver	U102RWMZB_XBS	9817
2Key Zigbee Freelocate Switch, Champagne Gold	U102RWMZB_XCG	9817
2Key Zigbee Freelocate Switch, Crystal Glass	U102RWMZB_XGL	13997
2Key Zigbee Freelocate Switch, Pearl White	U102RWMZB_XPW	9817
6Key Zigbee Freelocate Switch, Brushed Silver	U106RWMZB_XBS	11013
6Key Zigbee Freelocate Switch, Champagne Gold	U106RWMZB_XCG	11013
6Key Zigbee Freelocate Switch, Crystal Glass	U106RWMZB_XGL	15882
6Key Zigbee Freelocate Switch, Pearl White	U106RWMZB_XPW	11013
Zigbee to RS232 Interface	UB3Z5	13058
Zigbee IR Gateway	U301RSDMZB	19503
Zigbee IP Gateway	U301IPGWZB	19252
Zigbee Analog Module	U30010V	10751



Once there were smart homes,  
now there are Wiser Homes.



For Details and price information please contact our nearest Sales Office

Sympholux enables you to optimally balance light and energy because Schneider Electric remains the only Lighting Control expert who offers you harmonious orchestration via three platforms

## KNX

## C-Bus

## DALI

No matter what your building type, location, budget or unique application and needs, no one is more perfectly placed to provide you with an optimized solution than Schneider Electric



### The standard in interoperability



#### KNX Benefits

- Developed and supported by one organization of manufacturers and users
- Open protocol compatibility with a vast choice of products/ applications
- Full 3rd party integration
- Total multi-functionality of products and media
- Single-system-specific configuration software
- Extensive worldwide trainingradio frequency

## C-Bus

### The expert in ambience lighting



#### C-BUS Benefits

- Fully topology independent
- Industry standard CAT5e cable
- Highly reliable and robust, cost effective per-node control
- Simple commissioning and installation
- Easy-to-reconfigure distributed intelligent local programming
- High-power and architectural dimming
- Consistent switch and C-Bus product look and feel



### Optimizing individual control and centralized management



#### DALI Benefits

- Single-system control of lighting and emergency lights from multiple manufacturers
- Delivers full dimming of ballasts, groups and lines
- Comprehensive monitoring and energy saving at each device level
- Simple wiring, configuration, maintenance and reconfiguration
- Ethernet backbone linking multiple DALI networks into a single system

## ULTI ELV



- ULTI style, state-of-art lighting control and electrical automation scheme for hotel guest room control, offering sophisticated design
- Light touch buttons equipped with LED backlight enable guest to locate switch in a dark environment
- Comparative with Universal Input/ Output module (Room Logic Gateway -RLG) or third party guestroom control system

Description	MOQ	Reference	Unit MRP [₹]
DND/PCU Control Switch	1	US32DMRJ000	On Request
Cover Plate for DND/PCU Switch	50	UC32HDMSXCG	On Request
Cover Plate for DND/PCU Switch	1	UC32HDMSXBS	On Request
Cover Plate for DND/PCU Switch	50	UC32HDMSXGL	On Request
Cover Plate for DND/PCU Switch	1	UC32HDMSXPW	On Request
DND/PCU Indicator w/Bell Press (Blue)	1	US33DMRJB00	On Request
DND/PCU Indicator w/Bell Press (Amber)	1	US33DMRJA00	On Request
Cover Plate for DND/PCU with bell push switch	1	UC33HBPDMXCG	On Request
Cover Plate for DND/PCU with bell push switch	1	UC33HBPDMXBS	On Request
Cover Plate for DND/PCU with bell push switch	1	UC33HBPDMXGL	On Request
Cover Plate for DND/PCU with bell push switch	50	UC33HBPDMXPW	On Request
Cardkey Switch (Low Voltage)	15	U31EKTHLVBWP	On Request
Cardkey Switch (Low Voltage)	15	U31EKTHLVACG	On Request
Cardkey Switch (Low Voltage)	15	U31EKTHLVBGL	On Request
Cardkey Switch (Low Voltage)	15	U31EKTHLVBBS	On Request
1 Gang ELV Switch (Amber)	30	U201SPM_RJ_A00	On Request
1 Gang ELV Switch (Blue)	1	U201SPM_RJ_B00	On Request
Coverplate for 1 Gang ELV switch	1	UC21SWXCG	On Request
Coverplate for 1 Gang ELV switch	1	UC21SWXBS	On Request

Description	MOQ	Reference	Unit MRP [₹]
Coverplate for 1 Gang ELV switch	1	UC21SWXGL	On Request
Coverplate for 1 Gang ELV switch	1	UC21SWXPW	On Request
2 Gang ELV Switch- AMBER	30	U202SPM_RJ_A00	On Request
2 Gang ELV Switch- BLUE	1	U202SPM_RJ_B00	On Request
Coverplate for 2 Gang ELV switch	1	UC22SWXCG	On Request
Coverplate for 2 Gang ELV switch	1	UC22SWXBS	On Request
Coverplate for 2 Gang ELV switch	1	UC22SWXGL	On Request
Coverplate for 2 Gang ELV switch	1	UC22SWXPW	On Request
4 Gang ELV Switch- AMBER	30	U204SPM_RJ_A00	On Request
4 Gang ELV Switch- BLUE	1	U204SPM_RJ_B00	On Request
Coverplate for 4 Gang ELV switch	50	UC24SW_XCG	On Request
Coverplate for 4 Gang ELV switch	50	UC24SW_XBS	On Request
Coverplate for 4 Gang ELV switch	50	UC24SW_XGL	On Request
Coverplate for 4 Gang ELV switch	50	UC24SW_XPW	On Request

### Colours Available (suffix as in coverplates above)

BS	Brushed Silver
PW	Pearl White
CG	Champagne Gold
GL	Crystal Glass

## Neo ELV



Description	MOQ	Reference	Unit MRP [₹]
1 gang ELV switch with Amber LED	1	E3031LV>EAGS-OS	On Request
2 gang ELV switch with Amber LED	1	E3032LV>EAGS-OS	On Request
3 gang ELV switch with Amber LED	1	E3033LVEAGS	On Request
1 Gang Curtain Switch without LED	1	E3031CLV>GS-OS	On Request
2 Gang Curtain Switch without LED	1	E3032CLV>EAGS-OS	On Request
1 gang Dimmer Module with Amber LED	1	E3031DLV_EAGS	On Request
2 gang Dimmer Module with Amber LED	1	E3032DLV_EAGS	On Request
Bell Push with DND and MMR Indicator	1	E3031DMLV>EAGS-OS	On Request
Bell Push with DND, MMR and Butler Indicator	60	E3031DMLV>EAGS-OS	On Request
DND/MMR Control switch	1	E3032DMLV>EAGS-OS	On Request
DND, MMR and Butler Control switch	1	E3033DMLV>EAGS-OS	On Request
Key card switch with Amber LED	60	E3031EKTHLVEAGS	On Request

## Zencelo ELV



Description	MOQ	Reference	Unit MRP [₹]
1 Gang Sw W/ LED Indicator	1	E8431LV	On Request
1 Gang Sw W/ LED Indicator, SZ	1	E8431LVSZ	On Request
2 Gang Sw W/ LED Indicator	1	E8432LV	On Request
2 Gang Sw W/ LED Indicator, SZ	1	E8432LV_SZ	On Request
3 Gang Sw W/ LED Indicator	1	E8433LV	On Request
3 Gang Sw W/ LED Indicator, SZ	1	E8433LVSZ	On Request
2 Gang Curtain Sw Open/Close	1	E8432CLV	On Request
2 Gang Curtain Sw Open/Close, SZ	1	E8432CLV SZ	On Request
Elv Keycard Switch	50	E8431EKTLV	On Request
Elv Keycard Switch, SZ	50	E8431EKTLV SZ	On Request
1 Gang Sw W/ DND	1	E8431DSL	On Request
1 Gang Sw W/ DND, SZ	1	E8431DSL SZ	On Request
2 Gang Sw W/ DND & PCU	1	E8432DMSLV	On Request
2 Gang Sw W/ DND & PCU, SZ	1	E8432DMSLV SZ	On Request
Bell Press W/ DND & PCU Indicator	1	E8431BDMLV	On Request
Bell Press W/ DND & PCU Indicator, SZ	1	E8431BDMLV SZ	On Request
3 Gang Curtain Sw Open/Half/Close	1	E8433CLV	On Request
3 Gang Curtain Sw Open/Half/Close, SZ	1	E8433CLV_SZ	On Request

### Colours Available (suffix as above)

SZ	Silver Bronze
No suffix after LV	White Colour

## Hotel Room Controller

Description	MOQ	Reference	Unit MRP
Hotel Room Controller 42IO	1	HRCPDG42R	On Request
Hotel Room Controller 28IO	1	HRCBPG28R	On Request
Hotel Room Controller 14 I/O Expansion Module	1	HRCEP14R	On Request

### Note:

- All Hotel Series items are non stockable and lead time is around 10-14 weeks.
- Customised bedside panels will have a MOQ. Pls speak with the product manager in your region for details.
- For Bedside panel, pl take additional items like MCU card and power supply.
- For room logic gateway, power supply is required separately.

## Occupancy Sensors



Description	Reference	Unit MRP [₹]
Argus 300 Electronic outdoor movement detector, max. range 16 m with IP55 protection	MTN564319	12026
Argus 360 Electronic movement detector for outdoor ceiling mounting max. range 16 m, IP55 protection	MTN564419	13293
Argus 110 Electronic outdoor movement detector; angle of detection 110 degrees, max. range 12 mtrs, IP55 protection	MTN565119	5820
Argus 220 Electronic movement detector for outdoor ceiling mounting angle of detection 220 degrees, max. range 12 mtrs, IP55 protection	MTN565219	8730
ARGUS Presence Master with IR, DALI	MTN5510-1519	15147
<b>Accessories</b>		
Mounting bracket for Argus 110 and Argus 220 Sensors	MTN565291	734
Extension for Argus 300 Sensor	MTN554399	1226

## Ceiling and Wall Mount Sensors

### PIR and Ultrasonic Sensors /Surface Mount Sensors



Description	Reference	Unit MRP [₹]
Surface Mount Single-Load 360 degrees PIR	CSS54E_WE	2814
Flush/Surface Mount Single-Load 360 degrees PIR	SAE-UE-MS-CSAWE	3443
Flush Mount Dual load 360 degrees standalone sensor	SAE-UE-MS-CDBWE	6674
ARGUS Presence Dual-Tech PIR & Ultrasonic Sensor - 1ch	CCT551011	14127
ARGUS Presence High Frequency High Bay Sensor - 2ch	CCT551023	14127
Flush/Surface Mount Dual Load 360° PIR, 0-10V Analog Dimmable Sensor with remote	SAE-UE-MS-CDDWE	8078
Remote for PIR and Ultrasonic Motion sensor	SAE-UE-MS-IR10T	1676
Remote for standalone PIR sensor	SAE-UE-MS-1R-WE	2111

### Wall Mount Sensors



Description	Reference	Unit MRP [₹]
Neo C-Metro 200 degrees wall mount sensor, grey colour	E3751MS3C_GS	3874
Neo C-Metro 90 degrees wall mount sensor, grey colour	E3751MS3A_GS	3874
Zencelo 110 degrees wall mount sensor, white colour	E84751MS3B_WE	3580
Zencelo 90 degrees wall mount sensor, white colour	E84751MS3A_WE	3580

# Control and Command Control Systems Products

## Time Switches



- 7D, 24H Programmable switch .Voltage Rating: 230V AC +10%, -15%
- Consumption: 1 channel - max. 4VA; 2 channels - max. 7VA
- Memory: Upto 56 Switching Operations
- Back up of program & time by lithium battery: Operating reserve: 6 Years
- Overall dimensions: 5 modules
- Cable length: 100m
- Minimum time between two switching operations: 1 min

Description	Module Width 18mm/module	Reference	Unit MRP [₹]
IHP - intuitive switch - 1 channel - 7D 24 H	2.5	CCT15720	8721
IHP Plus - intuitive switch - 1 channel - 7D 24 H, pulse programming	2.5	CCT15721	10080
IHP - intuitive switch - 2 channels - 7D 24 H	2.5	CCT15722	10539
IHP+ - intuitive switch - 2 channels - 7D 24 H, pulse programming	2.5	CCT15723	12237

## Timers



- Switching capacity 16 A, max
- Delay range from 30 sec to 20 min
- Capacity for lighted pushbutton 150 mA
- Electric distribution busbar compatibility
- Output power capacity CCT15232-2300W
- Output power capacity CCT15223-3600W

Description	Module Width 18mm/module	Reference	Unit MRP [₹]
MINs - electronic timer - 0.5 to 20 min	1	CCT15232	4553
MINs - electronic timer - 0.5 to 20 min with switch Off Warning	1	CCT15233	7367
MINs - electronic timer - 0.5 to 20 min with switch Off Warning and Impulse relay function	1	CCT15234	7417

## Light sensitive switch



- Includes wall mounted cell
- Adjustable brightness threshold 2 to 2000 Lux
- 2 LEDs to signal the sensor status and the output status
- Test button: To check the product and load cabling
- Switching capacity: 16Amp
- Screwless Terminals compatible with rigid and flexible wires
- Consumption 6 VA
- Size 45mm

Description	Module Width 18mm/module	Reference	Unit MRP [₹]
IC 2000 - light sensitive switch - 2...2000 lux - with wall-mounted cell	2.5	CCT15368	10489
Wall-mounted cell for IC2000 light sensitive switch		CCT15268	3145
IC 200 - light sensitive switch - 2...200 lux - with wall-mounted cell	2.5	CCT15284	7367
Switchboard cell for IC200 light sensitive switch		15281	2543
IC Astro (Astronomical Time Switches)	2.5	CCT15223	16249

## Time Switches (Analog)



Description	Module Width 18mm/module	Reference	Unit MRP [₹]
IH 24H 16 A 15 mts interval 1 channel	1	15336	3801
IH 24H 16 A 30 mts interval 1 channel	1	CCT15365	4269
IH 24H + 7 day 10 A 1 channel- Max 16 On, 16 Off and 7 On + 7 Off cycles	3	15366	6380
IH 7 day 16 A 1 channel- Max 21 On and 21 Off cycles	3	CCT15367	6233
ITM4C6E - multifunctional switch - 4 channels (7 days + dated days)	5	15270	13109
IH 24H 16 A 30 mts 1 channel without reserve	3	CCT16364	3452



Description	Reference	Unit LP [₹]
<b>Actassi Copper Cables</b>		
Cat 6a 10G UTP Cable 305m Blue CM	ACTTG4P6AUCM3RBU	On Request
Cat 6a 10G UTP Cable 305m White LSZH	ACTTG4P6AULS3RBU	On Request
Cat 6a 10G FTP Cable 305m BlueCM	ACTTG4P6ASCM3RBU	On Request
Cat 6a 10G FTP Cable 305m BlueLSZH	ACTTG4P6ASLS3RBU	On Request
Cat.6 4pr UTP Cable 305m Blue CM	ACT4P6UCM3RBBU_E	On Request
Cat.6 4pr UTP Cable 305m white LSZH	ACT4P6ULS3RBWE_E	On Request
Cat.6 4pr FTP Cable 305m Blue CM	ACT4P6SCM3RBBU	On Request
Cat.5e 4pr UTP Cable 305m Grey CM	ACT4P5EUCM3RBGY	On Request
<b>Copper Connectivity</b>		
CAT 6A UTP Keystone White Non Shutter	VDIB1775XUWE_E	384
FTP/UTP 24-port Patch Panel Unloaded	ACTPPS24NSU	2744
Cat.6A 10G FTP 24-port Patch Panel Loaded	ACTPP6ATGS24NSS	17074
Cat.6A 10G UTP 24-port Patch Panel Non-Shutter Loaded	ACTPP6ATGU24NSS_E	12030
Cat 6A UTP PP 24 Port 1UAngled UnLoaded	ACTPP6ATGUXNSA_E	2786
Cat 6A FTP Patchcord 1 mtr Grey	ACTPTG6ASBCM10GY_E	500
Cat 6A FTP Patchcord 1 mtr Blue	ACTPTG6ASBCM10BU_E	500
Cat 6AFTP Patchcord 1 mtr Red	ACTPTG6ASBCM10RD_E	500
Cat 6A FTP Patchcord 2 mtr Grey	ACTPTG6ASBCM20GY_E	599
Cat 6A FTP Patchcord 2 mtr Blue	ACTPTG6ASBCM20BU_E	599
Cat 6AFTP Patchcord 2 mtr Red	ACTPTG6ASBCM20RD_E	599
Cat 6A FTP Patchcord 3 mtr Grey	ACTPTG6ASBCM30GY_E	726
Cat 6A FTP Patchcord 3 mtr Blue	ACTPTG6ASBCM30BU_E	726
Cat 6AFTP Patchcord 3 mtr Red	ACTPTG6ASBCM30RD_E	725
SOCKET RJ45 CAT6 KSTONE BLUE UTP	VDIB17766UBU_E	244
SOCKET RJ45 CAT6 KSTONE RED UTP	VDIB17766URD_E	244
SOCKET RJ45 CAT6 KSTONE YELLOW UTP	VDIB17766UYL_E	244
SOCKET RJ45 CAT6 KSTONE GREEN UTP	VDIB17766UGR_E	244
SOCKET RJ45 CAT6 KSTONE WHITE UTP	VDIB17766UWE_E	244
Cat 6 24 AWG UTP stranded Patch cord 1 Meter - Grey	ACTPC6UBCM10GY_E	217
Cat 6 24 AWG UTP stranded Patch cord 1 Meter - Yellow	ACTPC6UBCM10YL_E	217
Cat 6 24 AWG UTP stranded Patch cord 1 Meter - Green	ACTPC6UBCM10GR_E	217
Cat 6 24 AWG UTP stranded Patch cord 1 Meter - Blue	ACTPC6UBCM10BU_E	217
Cat 6 24 AWG UTP stranded Patch cord 1 Meter - Red	ACTPC6UBCM10RD_E	217
Cat 6 24 AWG UTP stranded Patch cord 2 Meter - Grey	ACTPC6UBCM20GY_E	237
Cat 6 24 AWG UTP stranded Patch cord 2 Meter - Yellow	ACTPC6UBCM20YL_E	237
Cat 6 24 AWG UTP stranded Patch cord 2 Meter - Green	ACTPC6UBCM20GR_E	237
Cat 6 24 AWG UTP stranded Patch cord 2 Meter - Blue	ACTPC6UBCM20BU_E	237
Cat 6 24 AWG UTP stranded Patch cord 2 Meter - Red	ACTPC6UBCM20RD_E	237
Cat 6 24 AWG UTP stranded Patch cord 3 Meter - Grey	ACTPC6UBCM30GY_E	268
Cat 6 24 AWG UTP stranded Patch cord 3 Meter - Yellow	ACTPC6UBCM30YL_E	268
Cat 6 24 AWG UTP stranded Patch cord 3 Meter - Green	ACTPC6UBCM30GR_E	268
Cat 6 24 AWG UTP stranded Patch cord 3 Meter - Blue	ACTPC6UBCM30BU_E	268
Cat 6 24 AWG UTP stranded Patch cord 3 Meter - Red	ACTPC6UBCM30RD_E	268
Cat 6 24 AWG UTP stranded Patch cord 1 Meter LSZH - Grey	ACTPC6UBLS10GY_E	227
Cat 6 24 AWG UTP stranded Patch cord 1 Meter- Yellow LSZH	ACTPC6UBLS10YL_E	227
Cat 6 ,24 AWG UTP stranded Patch cord 1 Meter-Green LSZH	ACTPC6UBLS10GR_E	227
Cat 6 24 AWG UTP stranded Patch cord 1 Meter Blue	ACTPC6UBLS10BU_E	227
Cat 6 24 AWG UTP stranded Patch cord 1 Meter Red	ACTPC6UBLS10RD_E	227
Cat 6 24 AWG UTP stranded Patch cord 2 Meter LSZH Grey	ACTPC6UBLS20GY_E	247

Description	Reference	Unit LP [₹]
<b>Actassi Copper Connectivity</b>		
Cat 6 24 AWG UTP stranded Patch cord 2 Meter Yellow	ACTPC6UBLS20YL_E	247
Cat 6 24 AWG UTP stranded Patch cord 2 Meter Green	ACTPC6UBLS20GR_E	247
Cat 6 24 AWG UTP stranded Patch cord 2 Meter Blue	ACTPC6UBLS20BU_E	247
Cat 6 24 AWG UTP stranded Patch cord 2 Meter Red	ACTPC6UBLS20RD_E	247
Cat 6 24 AWG UTP stranded Patch cord 3 Meter LSZH Grey	ACTPC6UBLS30GY_E	279
Cat 6 24 AWG UTP stranded Patch cord 3 Meter Yellow	ACTPC6UBLS30YL_E	279
Cat 6A 24 AWG UTP stranded Patch cord 3 Meter Green	ACTPC6UBLS30GR_E	279
Cat 6 24 AWG UTP stranded Patch cord 3 Meter Blue	ACTPC6UBLS30BU_E	279
Cat 6 24 AWG UTP stranded Patch cord 3 Meter Red	ACTPC6UBLS30RD_E	279
Cat.5e UTP Keyst Non-Shutter Modular Jack White	ACTRJSM5ENSUWE	170
Cat5e UTP 24-port Non-Shutter Patch Panel Loaded	ACTPP5EU24NSS	4641
Cat.5e Patch Cord UTP 1M CM Grey	ACTPC5EUBCM10GY	200
Cat.5e Patch Cord UTP 2M CM Grey	ACTPC5EUBCM20GY	263
Cat.5e Patch Cord UTP 2M CM Red	ACTPC5EUBCM20RD	263





Life Is On

**Schneider**  
Electric

## Schneider Electric India Pvt. Ltd.

Corporate Office: 9th Floor, DLF Building No. 10, Tower C, DLF Cyber City, Phase II, Gurugram 122002 Haryana  
Tel.: ++91 124 3940400 Fax: ++91 124 4222036/ 037

**Ahmedabad**  
Schneider Electric India (P) Ltd.  
1506-1507, 15th Floor Shapth-5,  
SG Highway, Ahmedabad - 380015  
Tel.: 079-66826701

**Cochin**  
Schneider Electric India (P) Ltd.  
41 / 406- D1,3rd Floor, Beejay  
Towers,  
Rajaji Road Cochin- 682035  
Tel.: 0484-3048401

**Ludhiana**  
Schneider Electric India (P) Ltd.  
Office No. - 3, 5th Floor, Novelty Plaza  
Bhaiwala Chowk  
Ludhiana- 140001  
Tel.: 0161- 4656672-75

**Secunderabad**  
D.No. 1-8-271, # 401, Ashoka Bhoopal  
Chambers, SP Road,  
Secunderabad - 500003  
Tel.: 04039404000  
Fax.: 040-39131313

**Bengaluru**  
Schneider Electric India (P) Ltd.  
No. 3/1, JP Techno Park,  
Mezzanine Floor, Millers Tank Bund  
Road, Vasanth Nagar,  
Bengaluru - 560052. Tel.: 080-71481351

**Coimbatore**  
Schneider Electric India (P) Ltd.  
No. -104, Classic Tower, 3rd Floor,  
Trichy Road, Coimbatore- 641018  
Tel.: 0422-3940400

**Mumbai**  
Schneider Electric India (P)( Ltd)  
Marwah House, 2nd Floor  
Krishanalal Marwah Marg,  
Andheri (East), Mumbai - 400072  
Tel.: 91-22-30263300

**Vadodara**  
605 & 606, 6th Floor Ocean Building,  
Opp.Vadodara Central, Sarabhai Road,  
Vadodara-390005  
Tel.: 0265-3940400

**Bhubaneswar:**  
Schneider Electric India (P) Ltd.  
6th Floor, Block A, JSS Software Technol-  
ogy park , E 1/1 , Chandaka Industrial  
Estate, Info City , Bhubaneswar -751025  
Tel.: 0674-6672000

**Jaipur**  
Schneider Electric India (P) Ltd.  
Jaipur Business Centre 309, 3rd  
Floor, Sangam Tower 190, Church  
Road, Jaipur-302001  
Tel.: 0141-3912903

**Nagpur**  
Schneider Electric India (P) Ltd.  
Fortune Business Centre, 6,  
Basant Vihar, W.H.C Road  
Shankar Nagar, Nagpur- 440010  
Tel.: 0712-2558581

**Vishakhapatnam**  
Schneider Electric India (P) Ltd.  
Ratnam's Business Centre,  
D.N.10-1-43, 1st Floor  
Siripuram Fort,C.B.M.Compound,  
Visakhapatnam- 530016  
Tel.: 0891 - 2508990

**Chandigarh**  
Schneider Electric India (P) Ltd.  
2nd Floor of Tower A  
Bestech Business Tower  
Sector-66  
Mohali- 160059  
Tel.: 0172-3324500

**Kolkata**  
Schneider Electric (I)Pvt.Ltd,  
BP-4, Sector-V  
Technopolis  
3rd floor, Salt Lake City  
Kolkata- 700 091  
Tel.: 033-333640100-101

**Nashik:**  
Schneider Electric India (P) Ltd.  
401, 4th Floor Rishi Raj Towers, Jehan  
Circle, Gangapur Road,  
Nashik- 422013  
Tel: +91-7620498557

**Chennai**  
Schneider Electric India (P) Ltd.  
No:29, 2nd floor, Bannari Amman Towers,  
B-Block,RK Salai, Mylapore  
Chennai - 600 004  
Tel.:044- 39404000

**Lucknow**  
Schneider Electric India (P) Ltd.  
1st Floor, Asha Bhawan 27 / II -A,  
Gokhale Marg, Lucknow- 226001  
Tel.: 0522-4006010

**Pune**  
Schneider Electric India (P) Ltd.  
1st Floor, R.B. Business Centre  
Above Dass Electronics  
Sanghvi Nagar, Aundh, Pune- 411007  
Tel.: 020-39404000

### Customer Care Centre

Monday-Saturday, 9 a.m. to 8 p.m.

Toll-free numbers: 1800 419 4272, 1800 103 0011

Email: [customercare.in@schneider-electric.com](mailto:customercare.in@schneider-electric.com)

For more information, visit our website at: [www.schneider-electric.co.in](http://www.schneider-electric.co.in)

- All Prices are in Indian Rupees.
- Prices are subject to change without notice.
- Prices charged will be as prevailing on the date of dispatch.
- Maximum Retail Price (MRP) is inclusive of all taxes

- Tax incidence on invoices is basis applicable GST rates. Invoice amount not to exceed MRP.
- Invoice Amount = (MRP – less Applicable discount) + Applicable GST %

**Distributor**

Life Is On

**Schneider**  
Electric



 Price List

# Industrial Automation Products

With effect from March 12, 2018

[schneider-electric.co.in](http://schneider-electric.co.in)





---

> Phaseo Power Supplies . . . . .	4
> Control Transformers . . . . .	5
> Altistart Soft Starters . . . . .	7
> Variable Speed Drivers . . . . .	9
> Zelio Logic Relays . . . . .	10
> Zelio Plug-in-Relays . . . . .	12
> Zelio SSR / Electronic Timer . . . . .	18
> Harmony Control and Signalling Units . . . . .	19
> Control Stations and Enclosures . . . . .	24
> Illuminated Beacons and Indicator Banks . . . . .	25
> Monoethic Tower Light . . . . .	29
> Pendant Control and Light Duty Joystick . . . . .	30
> Photoelectric Sensors . . . . .	33
> Pressure Switches . . . . .	36
> Limit Switches . . . . .	37
> Proximity Inductive Sensors . . . . .	43
> Application Sensors . . . . .	48
> Cable Accessories . . . . .	49
> TeSys K Control Relays . . . . .	52
> TeSys K Power Contactors . . . . .	52
> TeSys K Reversing Contactors . . . . .	52
> TeSys K Accessories for Contactors . . . . .	53
> TeSys K Thermal Overload Relays . . . . .	53
> TeSys D Control Relays . . . . .	56
> TeSys D Power Contactors (3 Pole) . . . . .	56
> TeSys D Low Consumption Contactors . . . . .	57
> TeSys D Green Electric Coil Contactor . . . . .	57
> TeSys D Power Contactors (4 Pole) . . . . .	58
> TeSys D Capacitor Duty Contactors . . . . .	58
> TeSys D - Accessories . . . . .	59
> TeSys D Spare Coils AC/DC . . . . .	60
> TeSys D Accessories - D Model . . . . .	61
> TeSys LRD Thermal & Electronic Overload Relay . . . . .	65
> TeSys F Power Contactors . . . . .	67
> TeSys F Vacuum and Bar Contactors . . . . .	68
> TeSys F - Accessories . . . . .	69
> TeSys F Spare Coils AC/DC . . . . .	70
> TeSys F Electronic Overload Relays . . . . .	70
> TeSys Motor Circuit Breakers . . . . .	74
> TeSys Motor Circuit Breakers Accessories . . . . .	75
> GV4LE/GV4L Magnetic Toggle & Rotary Handle Control . . . . .	79
> GV4PE/GV4P Thermal Magnetic Protection Toggle Control . . . . .	79
> GV4PEM Multifunction Advanced Protection Toggle Control . . . . .	80
> Auxiliary Contact Blocks . . . . .	80
> SDx Contact Module (For GV4PEM) . . . . .	81
> TeSys Vario Switch Disconnectors and Accessories . . . . .	83
> Compact NSXm:Range Overview . . . . .	86
> Compact NSXm Moulded Case Circuit Breakers . . . . .	87
> Compact NSXm Switch Disconnecter . . . . .	89
> Easypact NKS/EZC/ CVS MCCBs . . . . .	90
> Easypact NKS/EZC/ CVS Accessories . . . . .	91
> Acti 9 Miniature Circuit Breakers (MCBs) . . . . .	92
> Acti 9 Residual Current Devices . . . . .	94
> Acti 9 Surge Protection Devices . . . . .	96
> Acti 9 Control and Command Products . . . . .	98

## ABL2 - With CE Marking only

Input Voltage	Output Voltage	Power Supply Output Current	Rated Power In W	Reference	Unit LP [₹]
180 - 264 VAC	24 V	1.5 A	35 W	ABL2REM24015H	1740
	24 V	2.2 A	50 W	ABL2REM24020H <input checked="" type="checkbox"/>	1930
	24 V	4.2 A	100 W	ABL2REM24045H <input checked="" type="checkbox"/>	3270
	24 V	6.5 A	150 W	ABL2REM24065H <input checked="" type="checkbox"/>	4050
	24 V	8.3 A	200 W	ABL2REM24085H	5080
	24 V	10.5 A	250 W	ABL2REM24100H <input checked="" type="checkbox"/>	6070
	24 V	14.6 A	350 W	ABL2REM24150H <input checked="" type="checkbox"/>	10050

## ABL1 - Dedicated Range

Input Voltage	output Voltage	Power Supply Output Current	Rated Power In W	Reference	Unit LP [₹]
<b>Without Anti-Harmonic Filter</b>					
100...240 V AC	12 V DC	5 A	60 W	ABL1REM12050	3420
	24 V DC	2.5 A	60 W	ABL1REM24025 <input checked="" type="checkbox"/>	3225
		4.2 A	100 W	ABL1REM24042 <input checked="" type="checkbox"/>	4430
100...120 V AC	24 V DC	6.2 A	150 W	ABL1REM24062 <input checked="" type="checkbox"/>	5180
		10 A	240 W	ABL1REM24100 <input checked="" type="checkbox"/>	8670
<b>With Anti-Harmonic Filter</b>					
100...240 V AC	12 V DC	8.3 A	100 W	ABL1RPM12083	5075
	24 V DC	4.2 A	100 W	ABL1RPM24042 <input checked="" type="checkbox"/>	5145
100...120 V AC	24 V DC	6.2 A	150 W	ABL1RPM24062 <input checked="" type="checkbox"/>	6770
		10 A	240 W	ABL1RPM24100 <input checked="" type="checkbox"/>	10200

## ABL8 Ranges

Input Voltage	output Voltage	Power Supply Output Current	Rated Power In W	Reference	Unit LP [₹]
<b>Modular Range (without PFC, Automatic Reset)</b>					
100...240 V AC	5 V DC	4 A	20 W	ABL8MEM05040	6675
	12 V DC	2 A	25 W	ABL8MEM12020	5910
<b>Optimum Range (without PFC, Automatic or Manual Reset)</b>					
100...240 V AC	24 V	3 A	72 W	ABL8REM24030	7670
	24 V	5 A	120 W	ABL8REM24050 <input checked="" type="checkbox"/>	11500
<b>Universal Range (with PFC, Boost function, Diagnosis Contact, Automatic or Manual Reset)</b>					
100...120 V single phase 200...500 V 2 phase	24 V	3 A	72 W	ABL8RPS24030	10080
	24 V	5 A	120 W	ABL8RPS24050	13245
100...120 V single phase 200...240 V	24 V	10 A	240 W	ABL8RPS24100	16425
	24 V	20 A	480 W	ABL8RPM24200 <input checked="" type="checkbox"/>	21355
380...500 V three phase	24 V	20 A	480 W	ABL8WPS24200	23310
	24 V	40 A	960 W	ABL8WPS24400	38320

## Accessories

Description	Reference	Unit LP [₹]
<b>ABL 1</b>		
reversible mounting bracket - for regulated switch mode	ABL1A01	385
mounting plate for 35 mm rail - for regulated switch mode	ABL1A02	385
Note: To be ordered in lot of 5.		
<b>ABL 8 - Universal Range Accessories</b>		
Battery Back-up module 20A	ABL8BBU24200	19700
Battery Back-up module 40A	ABL8BBU24400	26400
Battery pack 7 Ah	ABL8BPK24A07	14060
Buffer module 40A	ABL8BUF24400	18780
Protection module with two pole breaking	ABL8PRP24100	16420
Redundancy Module	ABL8RED24400	12480
Protection module with single pole breaking	ABL8PRE24100	11390

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

## ABT7 - Economy Range (Single Winding)

Input Voltage	Output Voltage	Rated Power in VA	Reference	Unit LP 
<b>Single phase 230V 40VA - 400VA 40° C</b>				
230 V AC single phase ±15 V	24 V AC	40	ABT7ESM004B	6470
230 V AC single phase ±15 V	24 V AC	63	ABT7ESM006B	4700
230 V AC single phase ±15 V	24 V AC	100	ABT7ESM010B	5200
230 V AC single phase ±15 V	24 V AC	160	ABT7ESM016B	6630
230 V AC single phase ±15 V	24 V AC	250	ABT7ESM025B	8560
230 V AC single phase ±15 V	24 V AC	320	ABT7ESM032B	10600
230 V AC single phase ±15 V	24 V AC	400	ABT7ESM040B	11000

## ABL6 - Optimum Range (Single Winding)

Input Voltage	Output Voltage	Rated Power in VA	Reference	Unit LP 
<b>Single phase 230/400V 25VA - 2500VA 50° C</b>				
230/400 V single phase ±15 V	24 V AC	25	ABL6TS02B	5950
230/400 V single phase ±15 V	24 V AC	40	ABL6TS04B	6050
230/400 V single phase ±15 V	24 V AC	63	ABL6TS06B	6100
230/400 V single phase ±15 V	24 V AC	100	ABL6TS10B	6900
230/400 V single phase ±15 V	24 V AC	160	ABL6TS16B	7850
230/400 V single phase ±15 V	24 V AC	250	ABL6TS25B	9700
230/400 V single phase ±15 V	24 V AC	400	ABL6TS40B	15650
230/400 V single phase ±15 V	24 V AC	630	ABL6TS63B	20100
230/400 V single phase ±15 V	24 V AC	1000	ABL6TS100B	26700
230/400 V single phase ±15 V	24 V AC	1600	ABL6TS160B	54500
230/400 V single phase ±15 V	24 V AC	2500	ABL6TS250B	89300
230/400 V single phase ±15 V	115 V AC	25	ABL6TS02G	5880
230/400 V single phase ±15 V	115 V AC	40	ABL6TS04G	6050
230/400 V single phase ±15 V	115 V AC	63	ABL6TS06G	6170
230/400 V single phase ±15 V	115 V AC	100	ABL6TS10G	6550
230/400 V single phase ±15 V	115 V AC	160	ABL6TS16G	8100
230/400 V single phase ±15 V	115 V AC	250	ABL6TS25G	9700
230/400 V single phase ±15 V	115 V AC	400	ABL6TS40G	15650
230/400 V single phase ±15 V	115 V AC	630	ABL6TS63G	21000
230/400 V single phase ±15 V	115 V AC	1000	ABL6TS100G	25500
230/400 V single phase ±15 V	115 V AC	1600	ABL6TS160G	40500
230/400 V single phase ±15 V	115 V AC	2500	ABL6TS250G	69400
230/400 V single phase ±15 V	230 V AC	25	ABL6TS02U	6050
230/400 V single phase ±15 V	230 V AC	40	ABL6TS04U	5960
230/400 V single phase ±15 V	230 V AC	63	ABL6TS06U	6165
230/400 V single phase ±15 V	230 V AC	100	ABL6TS10U	6500
230/400 V single phase ±15 V	230 V AC	160	ABL6TS16U	8100
230/400 V single phase ±15 V	230 V AC	250	ABL6TS25U	9700
230/400 V single phase ±15 V	230 V AC	400	ABL6TS40U	15150
230/400 V single phase ±15 V	230 V AC	630	ABL6TS63U	19300
230/400 V single phase ±15 V	230 V AC	1000	ABL6TS100U 	26800
230/400 V single phase ±15 V	230 V AC	1600	ABL6TS160U	38500
230/400 V single phase ±15 V	230 V AC	2500	ABL6TS250U	66900

Please contact Customer Care Center for Stockable and Non stockable status of references.

 NORMAL STOCK ITEMS

W.E.F. March 12, 2018

## ABT7 - Universal Range (Double Winding)

Input Voltage	Output Voltage	Rated Power in VA	Reference	Unit LP [₹]
<b>Single phase 230/400V 25VA - 2500VA 60° C</b>				
230/400 V single phase ±15 V	24/48 V AC	40	ABT7PDU004B	6650
230/400 V single phase ±15 V	24/48 V AC	63	ABT7PDU006B	7000
230/400 V single phase ±15 V	24/48 V AC	250	ABT7PDU025B	12500
230/400 V single phase ±15 V	24/48 V AC	400	ABT7PDU040B	14800
230/400 V single phase ±15 V	24/48 V AC	630	ABT7PDU063B	23000
230/400 V single phase ±15 V	115/230 V AC	25	ABT7PDU002G	6500
230/400 V single phase ±15 V	115/230 V AC	40	ABT7PDU004G	6700
230/400 V single phase ±15 V	115/230 V AC	63	ABT7PDU006G	7050
230/400 V single phase ±15 V	115/230 V AC	100	ABT7PDU010G	7800
230/400 V single phase ±15 V	115/230 V AC	160	ABT7PDU016G	9350
230/400 V single phase ±15 V	115/230 V AC	250	ABT7PDU025G	12050
230/400 V single phase ±15 V	115/230 V AC	400	ABT7PDU040G	14250
230/400 V single phase ±15 V	115/230 V AC	630	ABT7PDU063G	23000
230/400 V single phase ±15 V	115/230 V AC	1000	ABT7PDU100G	27700
230/400 V single phase ±15 V	115/230 V AC	1600	ABT7PDU160G	45300
230/400 V single phase ±15 V	115/230 V AC	2500	ABT7PDU250G	66100
230/400 V single phase ±15 V	115/230 V AC	25	ABT7PDU002B	8150
230/400 V single phase ±15 V	115/230 V AC	100	ABT7PDU010B	7800
230/400 V single phase ±15 V	115/230 V AC	160	ABT7PDU016B	10800
230/400 V single phase ±15 V	115/230 V AC	1000	ABT7PDU100B	30000
230/400 V single phase ±15 V	115/230 V AC	1600	ABT7PDU160B	49600
230/400 V single phase ±15 V	115/230 V AC	2500	ABT7PDU250B	73150

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

# Soft Starters



## ATS01 Soft Start - Soft Stop Unit

[Us] Rated Supply Voltage	Network Number of Phases	Motor Power kW	Starting Time	[Ie] Rated Operational Current	Reference	Unit LP [₹]
380...415 V 50...60 Hz	3	1.5 kW/2.2 kW/3kW	adjustable from 1 to 10 s	6 A	ATS01N206QN <input checked="" type="checkbox"/>	On Request
		4 kW	adjustable from 1 to 10 s	9 A	ATS01N209QN <input checked="" type="checkbox"/>	On Request
		5.5 kW	adjustable from 1 to 10 s	12 A	ATS01N212QN <input checked="" type="checkbox"/>	On Request
		7.5 kW/11 kW	adjustable from 1 to 10 s	22 A	ATS01N222QN <input checked="" type="checkbox"/>	On Request
		15 kW	adjustable from 1 to 10 s	32 A	ATS01N232QN <input checked="" type="checkbox"/>	On Request

**Note:** Refer technical catalogue for correct selection as per duty cycle of your application or Contact Local sales /Customer Care Centre.



## ATS48 Soft Start – Soft Stop unit

Rated Current	Motor Power kW	Reference	Unit LP [₹]
17 A for standard applications 12 A for severe applications	7.5 kW 400 V for standard applications 5.5 kW 400 V for severe applications	ATS48D17Q	On Request
22 A for standard applications 17 A for severe applications	11 kW 400 V for standard applications 7.5 kW 400 V for severe applications	ATS48D22Q	On Request
32 A for standard applications 22 A for severe applications	15 kW 400 V for standard applications 11 kW 400 V for severe applications	ATS48D32Q <input checked="" type="checkbox"/>	On Request
38 A for standard applications 32 A for severe applications	18.5 kW 400 V for standard applications 15 kW 400 V for severe applications	ATS48D38Q	On Request
47 A for standard applications 38 A for severe applications	22 kW 400 V for standard applications 18.5 kW 400 V for severe applications	ATS48D47Q	On Request
62 A for standard applications 47 A for severe applications	30 kW 400 V for standard applications 22 kW 400 V for severe applications	ATS48D62Q	On Request
75 A for standard applications 62 A for severe applications	37 kW 400 V for standard applications 30 kW 400 V for severe applications	ATS48D75Q	On Request
88 A for standard applications 75 A for severe applications	45 kW 400 V for standard applications 37 kW 400 V for severe applications	ATS48D88Q <input checked="" type="checkbox"/>	On Request
110 A for standard applications 88 A for severe applications	55 kW 400 V for standard applications 45 kW 400 V for severe applications	ATS48C110Q <input checked="" type="checkbox"/>	On Request
140 A for standard applications 110 A for severe applications	75 kW 400 V for standard applications 55 kW 400 V for severe applications	ATS48C140Q <input checked="" type="checkbox"/>	On Request
170 A for standard applications 140 A for severe applications	90 kW 400 V for standard applications 75 kW 400 V for severe applications	ATS48C170Q <input checked="" type="checkbox"/>	On Request
210 A for standard applications 170 A for severe applications	110 kW 400 V for standard applications 90 kW 400 V for severe applications	ATS48C210Q <input checked="" type="checkbox"/>	On Request
250 A for standard applications 210 A for severe applications	132 kW 400 V for standard applications 110 kW 400 V for severe applications	ATS48C250Q <input checked="" type="checkbox"/>	On Request
320 A for standard applications 250 A for severe applications	160 kW 400 V for standard applications 132 kW 400 V for severe applications	ATS48C320Q <input checked="" type="checkbox"/>	On Request
410 A for standard applications 320 A for severe applications	220 kW 400 V for standard applications 160 kW 400 V for severe applications	ATS48C410Q <input checked="" type="checkbox"/>	On Request
480 A for standard applications 410 A for severe applications	250 kW 400 V for standard applications 220 kW 400 V for severe applications	ATS48C480Q <input checked="" type="checkbox"/>	On Request
590 A for standard applications 480 A for severe applications	315 kW 400 V for standard applications 250 kW 400 V for severe applications	ATS48C590Q	On Request
660 A for standard applications 590 A for standard applications	355 kW 400 V for standard applications 315 kW 400 V for severe applications	ATS48C660Q	On Request
790 A for standard applications 660 A for standard applications	400 kW 400 V for standard applications 355 kW 400 V for severe applications	ATS48C790Q <input checked="" type="checkbox"/>	On Request
1000 A for standard applications 790 A for severe applications	500 kW 400 V for standard applications 400 kW 400 V for severe applications	ATS48M10Q	On Request
1200 A for standard applications 1000 A for severe applications	630 kW 400 V for standard applications 500 kW 400 V for severe applications	ATS48M12Q	On Request

**Note:** Refer technical catalogue for correct selection as per duty cycle of your application or Contact Local sales /Customer Care Centre.

Please contact Customer Care Center for Stockable and Non stockable status of references.

**NORMAL STOCK ITEMS**

W.E.F. March 12, 2018

# Soft Starters

## ATS22 Soft Start - Soft Stop Unit

Rated Current		Motor Power kW		Reference	Unit LP [₹]
17 A for Motor Power Supply Line for Motor Delta Connection	17 A	7.5 kW 400 V for Motor Power Supply Line V for Motor Delta Connection	11 kW 400	ATS22D17Q	On Request
32 A for Motor Power Supply Line for Motor Delta Connection	32 A	15 kW 400 V for Motor Power Supply Line for Motor Delta Connection	22 kW 400 V	ATS22D32Q	On Request
47 A for Motor Power Supply Line for Motor Delta Connection	47 A	22 kW 400 V for Motor Power Supply Line for Motor Delta Connection	45 kW 400 V	ATS22D47Q	On Request
62 A for Motor Power Supply Line for Motor Delta Connection	62 A	30 kW 400 V for Motor Power Supply Line for Motor Delta Connection	55 kW 400 V	ATS22D62Q	On Request
75 A for Motor Power Supply Line for Motor Delta Connection	75 A	37 kW 400 V for Motor Power Supply Line for Motor Delta Connection	55 kW 400 V	ATS22D75Q	On Request
88 A for Motor Power Supply Line for Motor Delta Connection	88 A	45 kW 400 V for Motor Power Supply Line for Motor Delta Connection	75 kW 400 V	ATS22D88Q	On Request
110 A for Motor Power Supply Line for Motor Delta Connection	110 A	55 kW 400 V for Motor Power Supply Line for Motor Delta Connection	90 kW 400 V	ATS22C11Q	On Request
140 A for Motor Power Supply Line for Motor Delta Connection	140 A	75 kW 400 V for Motor Power Supply Line V for Motor Delta Connection	110 kW 400	ATS22C14Q	On Request
170 A for Motor Power Supply Line for Motor Delta Connection	170 A	90 kW 400 V for Motor Power Supply Line V for Motor Delta Connection	132 kW 400	ATS22C17Q	On Request
210 A for Motor Power Supply Line for Motor Delta Connection	210 A	110 kW 400 V for Motor Power Supply Line 400 V for Motor Delta Connection	160 kW	ATS22C21Q	On Request
250 A for Motor Power Supply Line for Motor Delta Connection	250 A	132 kW 400 V for Motor Power Supply Line 400 V for Motor Delta Connection	220 kW	ATS22C25Q	On Request
320 A for Motor Power Supply Line for Motor Delta Connection	320 A	160 kW 400 V for Motor Power Supply Line 400 V for Motor Delta Connection	250 kW	ATS22C32Q	On Request
410 A for Motor Power Supply Line for Motor Delta Connection	410 A	220 kW 400 V for Motor Power Supply Line 400 V for Motor Delta Connection	315 kW	ATS22C41Q	On Request
480 A for Motor Power Supply Line for Motor Delta Connection	480 A	250 kW 400 V for Motor Power Supply Line 400 V for Motor Delta Connection	355 kW	ATS22C48Q	On Request
590 A for Motor Power Supply Line for Motor Delta Connection	590 A	315 kW 400 V for Motor Power Supply Line 400 V for Motor Delta Connection	400 kW	ATS22C59Q	On Request

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

# Variable Speed Drives



ATV12 Drive: Single Phase 230 Volts Input & 3 Phase 230 Volts Output Drive

KW Rating	HP Rating	Rated output Current @40°C	Reference	Unit LP (₹)
0.18	0.25	1.4	ATV12H018M2	On Request
0.37	0.55	2.4	ATV12H037M2	On Request
0.55	0.75	3.5	ATV12H055M2	On Request
0.75	1	4.2	ATV12H075M2	On Request
1.5	2	7.5	ATV12HU15M2	On Request
2.2	3	10	ATV12HU22M2	On Request



ATV310 Drive: Three Phase 440 Volts Input & 3 Phase 440 Volts Output Drive

KW Rating	HP Rating	Rated output Current @55°C	Reference	Unit LP (₹)
0.37	0.55	1.5	ATV310H037N4E	On Request
0.75	1	2.3	ATV310H075N4E	On Request
1.5	2	4.1	ATV310HU15N4E	On Request
2.2	3	5.5	ATV310HU22N4E	On Request
3	4	7.1	ATV310HU30N4E	On Request
4	5	9.5	ATV310HU40N4E	On Request
5.5	7.5	12.6	ATV310HU55N4E	On Request
7.5	10	17	ATV310HU75N4E	On Request
11	15	24	ATV310HD11N4E	On Request

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

# Zelio Logic



Zelio 2 compact smart relay with display



Zelio 2 compact smart relay without display



Zelio 2 modular smart relay with display

## Relays

Description	Reference	Unit LP (₹)
<b>Voltage 24V DC</b>		
Zelio Logic module - 10 I O, RLY - w/o clock - with display	SR2A101BD <input checked="" type="checkbox"/>	11150
Zelio Logic module - 20 I O, RLY - w/o clock - with display	SR2A201BD <input checked="" type="checkbox"/>	18300
Zelio Logic module - 12 I O, TRN - with clock - with display	SR2B121BD <input checked="" type="checkbox"/>	10200
Zelio Logic module - 12 I O, TRN - with clock - with display	SR2B122BD	15300
Zelio Logic module - 20 I O, RLY - with clock - with display	SR2B201BD <input checked="" type="checkbox"/>	20250
Zelio Logic module - 20 I O, RLY - with clock - with display	SR2B202BD	21100
Zelio Logic module - 10 I O, RLY - w/o clock - w/o display	SR2D101BD <input checked="" type="checkbox"/>	6800
Zelio Logic module - 20 I O, RLY - w/o clock - w/o display	SR2D201BD <input checked="" type="checkbox"/>	16350
Zelio Logic module - 12 I O, RLY - with clock - w/o display	SR2E121BD	10500
Zelio Logic module - 20 I O, RLY - with clock - w/o display	SR2E201BD	19600
Zelio Logic module - 10 I O, RLY - with clock - with display	SR3B101BD	12300
Zelio Logic module - 10 I O, TRN - with clock - with display	SR3B102BD	11350
Zelio Logic module - 26 I O, RLY - with clock - with display	SR3B261BD <input checked="" type="checkbox"/>	25900
Zelio Logic module - 26 I O, TRN - with clock - with display	SR3B262BD	25600
<b>Voltage 100-240V AC</b>		
Zelio Logic module - 10 I O, RLY - w/o clock - with display	SR2A101FU <input checked="" type="checkbox"/>	12650
Zelio Logic module - 20 I O, RLY - w/o clock - with display	SR2A201FU <input checked="" type="checkbox"/>	18750
Zelio Logic module - 12 I O, RLY - with clock - with display	SR2B121FU <input checked="" type="checkbox"/>	12550
Zelio Logic module - 20 I O, RLY - with clock - with display	SR2B201FU <input checked="" type="checkbox"/>	21000
Zelio Logic module - 10 I O, RLY - w/o clock - w/o display	SR2D101FU	9000
Zelio Logic module - 20 I O, RLY - w/o clock - w/o display	SR2D201FU	19100
Zelio Logic module - 12 I O, RLY - with clock - w/o display	SR2E121FU	11500
Zelio Logic module - 20 I O, RLY - with clock - w/o display	SR2E201FU	21650
Zelio Logic module - 10 I O, RLY - with clock - with display	SR3B101FU	13850
Zelio Logic module - 26 I O, RLY - with clock - with display	SR3B261FU <input checked="" type="checkbox"/>	26500
<b>Voltage 12V DC</b>		
Zelio Logic module - 12 I O - with clock - with display	SR2B121JD	13100
Zelio Logic module - 20 I O - with clock - with display	SR2B201JD	16650
<b>Voltage 24V AC</b>		
Zelio Logic module - 12 I O - with clock - with display	SR2B121B	13100
Zelio Logic module - 20 I O - with clock - with display	SR2B201B	25050
Zelio Logic module - 20 I O - with clock - w/o display	SR2E201B	19900
Zelio Logic module - 10 I O - with clock - with display	SR3B101B	13900
Zelio Logic module - 24 I O - with clock - with display	SR3B261B	27900

**Note:** Zelio Smart Relays are also available in other voltages. Please contact our nearest Sales Office for the same.

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018



I/O Extension module

## I/O Extension modules

Description	Reference	Unit LP [₹]
discrete I/O extension module - 6 I O 4DI, 2DO - 24 V DC	SR3XT61BD	5360
discrete I/O extension module - 6 I O 4DI, 2DO	SR3XT61FU	5550
discrete I/O extension module - 10 I O 6DI, 4DO - 24 V DC	SR3XT101BD <input checked="" type="checkbox"/>	5550
discrete I/O extension module - 10 I O 6DI, 4DO	SR3XT101FU	6960
discrete I/O extension module - 14 I O 8DI, 6DO - 24 V AC	SR3XT141B	9500
discrete I/O extension module - 14 I O 8DI, 6DO - 24 V DC	SR3XT141BD <input checked="" type="checkbox"/>	7650
discrete I/O extension module - 14 I O 8DI, 6DO	SR3XT141FU	8150
Analogue I/O extension module - 2 AI/ 2AO	SR3XT43BD	12650

## Accessories

Description	Reference	Unit LP [₹]
SUB-D 9-pin PC connecting cable - 3 m	SR2CBL01 <input checked="" type="checkbox"/>	3500
SUB-D 9-pin modem connecting cable - 0.5 m	SR2CBL07 <input checked="" type="checkbox"/>	8050
communication interface	SR2COM01	11600
documentation - programming on the smart relay - EN	SR2MAN01EN	1900
memory cartridge firmware - up to v 2.4 - EEPROM	SR2MEM01 <input checked="" type="checkbox"/>	1550
memory cartridge firmware - for v 3.0 - EEPROM	SR2MEM02 <input checked="" type="checkbox"/>	1850
modem interface - analog PSTN	SR2MOD01	50200
modem interface - GSM	SR2MOD02	42600
programming software "Zelio Soft 2" multilingual - CD-ROM	SR2SFT01	1900
USB PC connecting cable - 3 m	SR2USB01 <input checked="" type="checkbox"/>	9900

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018



- 10 A relays with 1 C/O contact and 5 A relays with 2 C/O contacts.
- Sockets with separate contact terminals, screw connector connection and built-in plastic maintaining clamp, 35mm DIN rail mounting and Panel mounting.
- Optional modules for additional protection

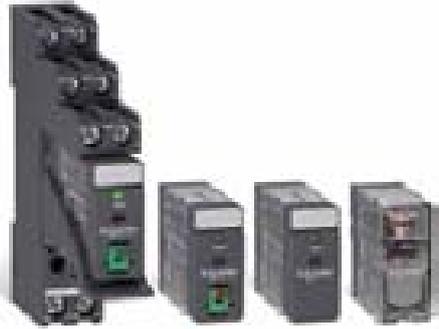
## RXG Interface Relays NEW

Product description	Reference	Unit LP [₹]
1CO 10A Relay +LTB-LED 24VAC	RXG11B7	505
1CO 10A Relay +LTB-LED 48VAC	RXG11E7	515
1CO 10A Relay +LTB-LED 120VAC	RXG11F7	515
1CO 10A Relay +LTB-LED 220VAC	RXG11M7	515
1CO 10A Relay +LTB-LED 230VAC	RXG11P7	505
1CO 10A Relay +LTB-LED 6VDC	RXG11RD	415
1CO 10A Relay +LTB-LED 12VDC	RXG11JD	415
1CO 10A Relay +LTB-LED 24VDC	RXG11BD	406
1CO 10A Relay +LTB-LED 48VDC	RXG11ED	415
1CO 10A Relay +LTB-LED 60VDC	RXG11ND	415
1CO 10A Relay +LTB-LED 110VDC	RXG11FD	415
1CO 10A Relay +LTB+LED 24VAC	RXG12B7	559
1CO 10A Relay +LTB+LED 48VAC	RXG12E7	559
1CO 10A Relay +LTB+LED 120VAC	RXG12F7	559
1CO 10A Relay +LTB+LED 220VAC	RXG12M7	559
1CO 10A Relay +LTB+LED 230VAC	RXG12P7	559
1CO 10A Relay +LTB+LED 6VDC	RXG12RD	457
1CO 10A Relay +LTB+LED 12VDC	RXG12JD	457
1CO 10A Relay +LTB+LED 24VDC	RXG12BD	457
1CO 10A Relay +LTB+LED 48VDC	RXG12ED	457
1CO 10A Relay +LTB+LED 60VDC	RXG12ND	457
1CO 10A Relay +LTB+LED 110VDC	RXG12FD	457
1CO 10A Relay-LTB+LED 24VAC	RXG13B7	537
1CO 10A Relay-LTB+LED 48VAC	RXG13E7	537
1CO 10A Relay-LTB+LED 120VAC	RXG13F7	537
1CO 10A Relay-LTB+LED 220VAC	RXG13M7	537
1CO 10A Relay-LTB+LED 230VAC	RXG13P7	537
1CO 10A Relay-LTB+LED 6VDC	RXG13RD	434
1CO 10A Relay-LTB+LED 12VDC	RXG13JD	434
1CO 10A Relay-LTB+LED 24VDC	RXG13BD	434
1CO 10A Relay-LTB+LED 48VDC	RXG13ED	434
1CO 10A Relay-LTB+LED 60VDC	RXG13ND	434
1CO 10A Relay-LTB+LED 110VDC	RXG13FD	434
1CO 10A Relay Clear 24VAC	RXG15B7	466
1CO 10A Relay Clear 48VAC	RXG15E7	466
1CO 10A Relay Clear 120VAC	RXG15F7	466
1CO 10A Relay Clear 220VAC	RXG15M7	466
1CO 10A Relay Clear 230VAC	RXG15P7	466
1CO 10A Relay Clear 6VDC	RXG15RD	363
1CO 10A Relay Clear 12VDC	RXG15JD	363
1CO 10A Relay Clear 24VDC	RXG15BD	363
1CO 10A Relay Clear 48VDC	RXG15ED	363
1CO 10A Relay Clear 60VDC	RXG15ND	363
1CO 10A Relay Clear 110VDC	RXG15FD	363
2CO 5A Relay +LTB-LED 24VAC	RXG21B7	554
2CO 5A Relay +LTB-LED 48VAC	RXG21E7	565
2CO 5A Relay +LTB-LED 120VAC	RXG21F7	565
2CO 5A Relay +LTB-LED 220VAC	RXG21M7	565

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018



- 10 A relays with 1 C/O contact and 5 A relays with 2 C/O contacts.
- Sockets with separate contact terminals, screw connector connection and built-in plastic maintaining clamp, 35mm DIN rail mounting and Panel mounting.
- Optional modules for additional protection

## RXG Interface Relays NEW

Product description	Reference	Unit LP [₹]
2CO 5A Relay +LTB-LED 230VAC	RXG21P7	554
2CO 5A Relay +LTB-LED 6VDC	RXG21RD	465
2CO 5A Relay +LTB-LED 12VDC	RXG21JD	465
2CO 5A Relay +LTB-LED 24VDC	RXG21BD	456
2CO 5A Relay +LTB-LED 48VDC	RXG21ED	465
2CO 5A Relay +LTB-LED 60VDC	RXG21ND	465
2CO 5A Relay +LTB-LED 110VDC	RXG21FD	465
2CO 5A Relay +LTB+LED 24VAC	RXG22B7	610
2CO 5A Relay +LTB+LED 48VAC	RXG22E7	610
2CO 5A Relay +LTB+LED 120VAC	RXG22F7	610
2CO 5A Relay +LTB+LED 220VAC	RXG22M7	610
2CO 5A Relay +LTB+LED 230VAC	RXG22P7	610
2CO 5A Relay +LTB+LED 6VDC	RXG22RD	508
2CO 5A Relay +LTB+LED 12VDC	RXG22JD	508
2CO 5A Relay +LTB+LED 24VDC	RXG22BD	508
2CO 5A Relay +LTB+LED 48VDC	RXG22ED	508
2CO 5A Relay +LTB+LED 60VDC	RXG22ND	508
2CO 5A Relay +LTB+LED 110VDC	RXG22FD	508
2CO 5A Relay-LTB+LED 24VAC	RXG23B7	587
2CO 5A Relay-LTB+LED 48VAC	RXG23E7	587
2CO 5A Relay-LTB+LED 120VAC	RXG23F7	587
2CO 5A Relay-LTB+LED 220VAC	RXG23M7	587
2CO 5A Relay-LTB+LED 230VAC	RXG23P7	587
2CO 5A Relay-LTB+LED 6VDC	RXG23RD	485
2CO 5A Relay-LTB+LED 12VDC	RXG23JD	485
2CO 5A Relay-LTB+LED 24VDC	RXG23BD	485
2CO 5A Relay-LTB+LED 48VDC	RXG23ED	485
2CO 5A Relay-LTB+LED 60VDC	RXG23ND	485
2CO 5A Relay-LTB+LED 110VDC	RXG23FD	485
2CO 5A Relay Clear 24VAC	RXG25B7	515
2CO 5A Relay Clear 48VAC	RXG25E7	515
2CO 5A Relay Clear 120VAC	RXG25F7	515
2CO 5A Relay Clear 220VAC	RXG25M7	515
2CO 5A Relay Clear 230VAC	RXG25P7	515
2CO 5A Relay Clear 6VDC	RXG25RD	412
2CO 5A Relay Clear 12VDC	RXG25JD	412
2CO 5A Relay Clear 24VDC	RXG25BD	412
2CO 5A Relay Clear 48VDC	RXG25ED	412
2CO 5A Relay Clear 60VDC	RXG25ND	412
2CO 5A Relay Clear 110VDC	RXG25FD	412
<b>Accessories</b>		
1CO Separate terminal socket with clamp	RGZE1S35M	244
2CO Separate terminal socket with clamp	RGZE1S48M	271
Plastic maintaining clamp for RGZ socket	RGZR215	25

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

## RXM Miniature Relays

Control Circuit Voltage	Reference	Unit LP (₹)
<b>Without Lockable Test Button without LED</b>		
<b>2 C/O - 5 AMPS</b>		
12 V DC	RXM2LB1JD	343
24 V DC	RXM2LB1BD	320
48 V DC	RXM2LB1ED	362
24 V AC	RXM2LB1B7	333
120 V AC	RXM2LB1F7	333
230 V AC	RXM2LB1P7	326
<b>4 C/O - 3 AMPS</b>		
12 V DC	RXM4LB1JD	404
24 V DC	RXM4LB1BD	369
48 V DC	RXM4LB1ED	416
24 V AC	RXM4LB1B7	404
120 V AC	RXM4LB1F7	416
230 V AC	RXM4LB1P7	369
<b>Without Lockable Test Button with LED</b>		
<b>2 C/O - 5 AMPS</b>		
12 V DC	RXM2LB2JD	369
24 V DC	RXM2LB2BD <input checked="" type="checkbox"/>	343
48 V DC	RXM2LB2ED	369
24 V AC	RXM2LB2B7	369
120 V AC	RXM2LB2F7	369
230 V AC	RXM2LB2P7 <input checked="" type="checkbox"/>	343
36 V DC	RXM2LB2CD	381
110 V DC	RXM2LB2FD	369
<b>4 C/O - 3 AMPS</b>		
12 V DC	RXM4LB2JD	416
24 V DC	RXM4LB2BD <input checked="" type="checkbox"/>	388
48 V DC	RXM4LB2ED	416
24 V AC	RXM4LB2B7	416
120 V AC	RXM4LB2F7	416
230 V AC	RXM4LB2P7 <input checked="" type="checkbox"/>	388
36 V DC	RXM4LB2CD	428
110 V DC	RXM4LB2FD	416

## Accessories

Description	Reference	Unit LP (₹)
<b>Sockets</b>		
Sockets - mixed-screw clamp - relay type RXM2 (without lockable test button)	RXZE1M2C <input checked="" type="checkbox"/>	157
Sockets - mixed-screw clamp - relay type RXM2/RXM4 (without lockable test button)	RXZE1M4C <input checked="" type="checkbox"/>	200

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

## RXM\*NB Miniature Relays

Control Circuit Voltage	Reference	Unit LP [₹]
<b>Miniature Relays without Lockable Test-Button, with LED</b>		
<b>2 Change Over - 10 AMPS Contact Rating</b>		
12 V DC	RXM2NB3JD	398
24 V DC	RXM2NB3BD	360
110 V DC	RXM2NB3FD	360
220 V DC	RXM2NB3MD	473
24 V AC	RXM2NB3B7	398
120 V AC	RXM2NB3F7	398
230 V AC	RXM2NB3P7	360
<b>4 Change Over - 5 AMPS Contact Rating</b>		
12 V DC	RXM4NB3JD	446
24 V DC	RXM4NB3BD	417
110 V DC	RXM4NB3FD	446
220 V DC	RXM4NB3MD	521
24 V AC	RXM4NB3B7	446
120 V AC	RXM4NB3F7	446
230 V AC	RXM4NB3P7	417

## RXZ Miniature Relay Socket

Description	Reference	Unit LP [₹]
<b>Accessories</b>		
<b>Sockets</b>		
socket for miniature relay - for RXM2N - with mixed contacts - screw clamp	RXZE2M2N	166
socket for miniature relay - for RXM4N - with mixed contacts - screw clamp	RXZE2M4N	189

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

## RXM Miniature Relays

Control Circuit Voltage	Reference	Unit LP [₹]
<b>Without LED</b>		
<b>2 Change Over - 12 AMPS Contact Rating</b>		
12 V DC	RXM2AB1JD	469
24 V AC	RXM2AB1B7	469
24 V DC	RXM2AB1BD <input checked="" type="checkbox"/>	452
48 V AC	RXM2AB1E7	469
48 V DC	RXM2AB1ED	469
110 V DC	RXM2AB1FD	483
120 V AC	RXM2AB1F7 <input checked="" type="checkbox"/>	469
230 V AC	RXM2AB1P7 <input checked="" type="checkbox"/>	452
<b>3 Change Over - 10 AMPS Contact Rating</b>		
12 V DC	RXM3AB1JD	640
24 V AC	RXM3AB1B7	712
24 V DC	RXM3AB1BD	639
48 V AC	RXM3AB1E7	803
48 V DC	RXM3AB1ED	812
110 V DC	RXM3AB1FD	812
120 V AC	RXM3AB1F7	658
230 V AC	RXM3AB1P7	658
<b>4 Change Over - 6 AMPS Contact Rating</b>		
12 V DC	RXM4AB1JD	574
24 V AC	RXM4AB1B7	574
24 V DC	RXM4AB1BD <input checked="" type="checkbox"/>	574
48 V AC	RXM4AB1E7	590
48 V DC	RXM4AB1ED	638
110 V DC	RXM4AB1FD	638
120 V AC	RXM4AB1F7 <input checked="" type="checkbox"/>	574
220 V DC	RXM4AB1MD	638
230 V AC	RXM4AB1P7 <input checked="" type="checkbox"/>	574
240 V AC	RXM4AB1U7	574
With LED		
<b>2 Change Over - 12 AMPS Contact Rating</b>		
12 V DC	RXM2AB2JD	490
24 V AC	RXM2AB2B7	487
24 V DC	RXM2AB2BD <input checked="" type="checkbox"/>	469
48 V AC	RXM2AB2E7	490
48 V DC	RXM2AB2ED	490
110 V DC	RXM2AB2FD	490
120 V AC	RXM2AB2F7 <input checked="" type="checkbox"/>	490
230 V AC	RXM2AB2P7 <input checked="" type="checkbox"/>	469
<b>3 Change Over - 10 AMPS Contact Rating</b>		
12 V DC	RXM3AB2JD	630
24 V AC	RXM3AB2B7	654
24 V DC	RXM3AB2BD	612
48 V AC	RXM3AB2E7	770
48 V DC	RXM3AB2ED	753
110 V DC	RXM3AB2FD	640
120 V AC	RXM3AB2F7	628
230 V AC	RXM3AB2P7	628
<b>4 Change Over - 6 AMPS Contact Rating</b>		
12 V DC	RXM4AB2JD	668
24 V AC	RXM4AB2B7	668
24 V DC	RXM4AB2BD <input checked="" type="checkbox"/>	635
48 V AC	RXM4AB2E7	668
48 V DC	RXM4AB2ED	668
110 V DC	RXM4AB2FD	668
120 V AC	RXM4AB2F7 <input checked="" type="checkbox"/>	668
125 V DC	RXM4AB2GD	668
230 V AC	RXM4AB2P7 <input checked="" type="checkbox"/>	635

## RXM Miniature Relays

Control Circuit Voltage	Reference	Unit LP [₹]
<b>With Low Level Contact</b>		
<b>4 Change Over - 3 AMPS Contact Rating</b>		
12 V DC	RXM4GB1JD	676
	RXM4GB2JD	718
24 V AC	RXM4GB1B7	676
	RXM4GB2B7	718
24 V DC	RXM4GB1BD	676
	RXM4GB2BD	698
48 V AC	RXM4GB1E7	676
	RXM4GB2E7	718
48 V DC	RXM4GB1ED	676
	RXM4GB2ED	718
110 V DC	RXM4GB1FD	676
	RXM4GB2FD	718
120 V AC	RXM4GB1F7	676
	RXM4GB2F7	718
230 V AC	RXM4GB2P7	718
	RXM4GB1P7	656
240 V AC	RXM4GB2U7	698

## RXZ Miniature Relays

Description	Reference	Unit LP [₹]
<b>Accessories</b>		
<b>Sockets</b>		
Socket for miniature relay - Zelio RXZ - with mixed contacts - connectors	RXZE2M114M <input checked="" type="checkbox"/>	218
Socket for miniature relay - Zelio RXZ - with mixed contacts - screw clamp	RXZE2M114 <input checked="" type="checkbox"/>	242
Socket for miniature relay - Zelio RXZ - with separate contacts - connectors	RXZE2S111M <input checked="" type="checkbox"/>	278
	RXZE2S114M	298
<b>Protection Modules</b>		
<b>Diode</b>		
Protection module - diode - 6..250V DC - for miniature relay socket RXZ	RXM040W	111
<b>RC Circuit</b>		
Protection module - RC circuit - 110..240 AC - for miniature relay socket RXZ	RXM041FU7	122
Protection module - RC circuit - 24..60 AC - for miniature relay socket RXZ	RXM041BN7	122
<b>Varistor</b>		
Protection module -Varistor - 24..60V AC/DC - for miniature relay socket RXZ	RXM021BN	144
Protection module -Varistor - 6..24V AC/DC - for miniature relay socket RXZ	RXM021RB	144
Protection module -Varistor -110..240 AC/DC - for miniature relay socket RXZ	RXM021FP	136
<b>Clips and Legends</b>		
Clip-in legends-for Sockets having separate contact	RXZL420	17
Clip-in legends - for Zelio relay - set of 10	RXZL520	212
Metal maintaining clamp - for miniature relay socket RXZ	RXZ400	40
Mounting adaptor for DIN rail - for miniature relay socket RXZ	RXZE2DA	58
Mounting adaptor with fixing lugs for panel - for miniature relay socket RXZ	RXZE2FA	58
Plastic maintaining clamp - for miniature relay socket RXZ	RXZR335	38

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

## RPM Power Relays

Control Circuit Voltage	Reference	Unit LP [₹]
<b>Without LED</b>		
<b>1 Change Over - 15 AMPS Contact Rating</b>		
12 V DC	RPM11JD	833
24 V AC	RPM11B7	833
24 V DC	RPM11BD	827
48 V AC	RPM11E7	833
48 V DC	RPM11ED	833
110 V DC	RPM11FD	833
120 V AC	RPM11F7	1010
230 V AC	RPM11P7	920
<b>2 Change Over - 15 AMPS Contact Rating</b>		
12 V DC	RPM21JD	861
24 V AC	RPM21B7	861
24 V DC	RPM21BD	837
48 V AC	RPM21E7	861
48 V DC	RPM21ED	861
110 V DC	RPM21FD	861
120 V AC	RPM21F7	1010
230 V AC	RPM21P7	861
<b>3 Change Over - 15 AMPS Contact Rating</b>		
12 V DC	RPM31JD	890
24 V AC	RPM31B7	932
24 V DC	RPM31BD	890
48 V AC	RPM31E7	890
48 V DC	RPM31ED	890
110 V DC	RPM31FD	890
120 V AC	RPM31F7	1051
230 V AC	RPM31P7	958
<b>4 Change Over - 15 AMPS Contact Rating</b>		
12 V DC	RPM41JD	932
24 V AC	RPM41B7	932
24 V DC	RPM41BD	930
48 V AC	RPM41E7	932
48 V DC	RPM41ED	880
110 V DC	RPM41FD	932
120 V AC	RPM41F7	1068
230 V AC	RPM41P7	932
<b>With LED</b>		
<b>1 Change Over - 15 AMPS Contact Rating</b>		
12 V DC	RPM12JD	878
24 V AC	RPM12B7	878
24 V DC	RPM12BD	590
48 V AC	RPM12E7	878
48 V DC	RPM12ED	878
110 V DC	RPM12FD	878
120 V AC	RPM12F7	1051
230 V AC	RPM12P7	958
<b>2 Change Over - 15 AMPS Contact Rating</b>		
12 V DC	RPM22JD	890
24 V AC	RPM22B7	890
24 V DC	RPM22BD	781
48 V AC	RPM22E7	890
48 V DC	RPM22ED	890
110 V DC	RPM22FD	890
120 V AC	RPM22F7	1051
230 V AC	RPM22P7	873

## RPM Power Relays

Control Circuit Voltage	Reference	Unit LP [₹]
<b>3 Change Over - 15 AMPS Contact Rating</b>		
12 V DC	RPM32JD	905
24 V AC	RPM32B7	905
24 V DC	RPM32BD	995
48 V AC	RPM32E7	905
48 V DC	RPM32ED	905
110 V DC	RPM32FD	905
120 V AC	RPM32F7	1068
230 V AC	RPM32P7	995
<b>4 Change Over - 15 AMPS Contact Rating</b>		
12 V DC	RPM42JD	965
24 V AC	RPM42B7	946
24 V DC	RPM42BD	939
48 V AC	RPM42E7	936
48 V DC	RPM42ED	965
110 V DC	RPM42FD	937
120 V AC	RPM42F7	1043
230 V AC	RPM42P7	939

## RPZ Power Relays

Description	Reference	Unit LP [₹]
<b>Accessories</b>		
<b>Mixed Contact Socket</b>		
	RPZF2	381
Socket for power relay - Zelio RPZ - with mixed contacts - screw clamp	RPZF1	379
	RPZF4	650
	RPZF3	673
<b>Clips And Legends</b>		
Metal maintaining clamp - for relay socket RPZF1	RPZR235	102
Mounting adaptor for DIN rail - for power relay socket RPZ	RPZ1DA	102
	RPZ3DA	102
	RPZ4DA	139
Mounting adaptor with fixing lugs for panel - for power relay socket RPZ	RPZ1FA	102
	RPZ3FA	102
	RPZ4FA	139

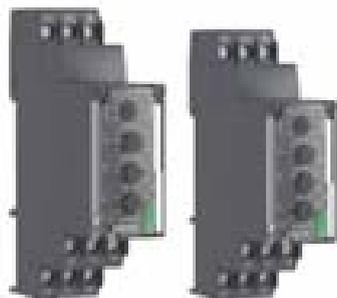
## RPF Power Relays

Control Circuit Voltage	Reference	Unit LP [₹]
<b>N/O - 30 AMPS Contact Rating</b>		
24 V DC	RPF2ABD	1521
120 V AC	RPF2AF7	1565
230 V AC	RPF2AP7	1490
<b>Change Over - 30 AMPS Contact Rating</b>		
12 V DC	RPF2BJD	1276
24 V AC	RPF2BB7	1313
24 V DC	RPF2BBD	1507
110 V DC	RPF2BFD	1313
120 V AC	RPF2BF7	1683
230 V AC	RPF2BP7	1551

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018



## RE17 Electronic Timers

NEW

Description	Reference	Unit LP [₹]
On Delay Timer 24 240 Vac	RE17LAMW	1922
Off Delay Timer 24 240VAC	RE17LCBM	2291
Timer Function H Solid State Output 24 240VAC	RE17LHBM	2931
Flashing Timer	RE17LLBM	2408
Multi Functionion Timer	RE17LMBM	2316
Timer Function A at 1C O 24VAC DC 240VAC	RE17RAMU	1837
Timer Function B 1C O 24VAC DC 240VAC	RE17RBMU	2732
Timer Function C 1C O 24VAC DC 240VAC	RE17RCMU	1922
Timer Function H Ht 1C O 24VAC DC 240VAC	RE17RHMU	1978
Flashing Timer	RE17RLJU	2570
Timer Function L Li 1C O 24VAC DC 240VAC	RE17RLMU	2570
MultiFunction Timer 1C O 24VAC DC 240VAC	RE17RMEMU	2289
10 X MultiFunction Timer 1C O 12VAC DC	RE17RMJU	2432
MultiFunction Timer 1C O 24VAC DC 240VAC	RE17RMMU	2363
MultiFunction Timer 1C O 12 240VAC DC	RE17RMMW	2632
MultiFunction Timer 1C O 12 240VAC DC	RE17RMMWS	2835
MultiFunction Timer 1C O 24VAC DC 240VAC	RE17RMXMU	2973

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

## Biometric Switch

Description	Reference	Unit LP [₹]
Bistable biometric switch, 24 V DC - PNP - by 2m cable	XB5S1B2L2	28717
Bistable biometric switch, 24 V DC - PNP - by M12 connector	XB5S1B2M12	30297
Monostable biometric switch, 24 V DC - PNP - by 2m cable	XB5S2B2L2	29092
Monostable biometric switch, 24 V DC - PNP - by M12 connector	XB5S2B2M12	30204

## Accessories

Description	Reference	Unit LP [₹]
Protective cover, translucent & self adhesive	ZB5SZ70	715
Diameter 22 mm nut	ZB5SZ71	292
Legend plate 28X7 mm	ZBY0101T	135

## Pushbuttons

Description	Type of Contact	Colour	Reference	Unit LP [₹]
<b>Spring return</b>				
Flush	NO	White	XB5AA11N <input checked="" type="checkbox"/>	133
	NO	Black	XB5AA21N <input checked="" type="checkbox"/>	133
	NO	Green	XB5AA31N <input checked="" type="checkbox"/>	133
	NO	Yellow	XB5AA51N <input checked="" type="checkbox"/>	133
	NO	Blue	XB5AA61N <input checked="" type="checkbox"/>	133
	NC	Red	XB5AA42N <input checked="" type="checkbox"/>	133
	NO	Red	XB5AA41N <input checked="" type="checkbox"/>	133
	NO	Blank	XB5AA01N* <input checked="" type="checkbox"/>	133
Projecting	NO	White	XB5AL11N	167
	NO	Black	XB5AL21N	162
	NO	Green	XB5AL31N <input checked="" type="checkbox"/>	162
	NO	Yellow	XB5AL51N	162
	NO	Blue	XB5AL61N	162
	NC	Red	XB5AL42N <input checked="" type="checkbox"/>	162
Flush with silicon transparent boot	NO	Red	XB5AL41N	162
	NO	Black	XB5AP21N <input checked="" type="checkbox"/>	190
	NO	Green	XB5AP31N <input checked="" type="checkbox"/>	190
	NO	Yellow	XB5AP51N <input checked="" type="checkbox"/>	190
	NO	Blue	XB5AP61N	195
Flush, marked (double molding /injection marking)	NC	Red	XB5AP42N <input checked="" type="checkbox"/>	190
	NO	Green	XB5AA3311N	189
	NC	Red	XB5AA4322N	189
	NO	Green	XB5AA3331N <input checked="" type="checkbox"/>	189
	NC	Red	XB5AA4342N <input checked="" type="checkbox"/>	189
Projecting, marked (double molding /injection marking)	NO	Green	XB5AA3411N	194
	NC	Red	XB5AA4352N	194
Flush, marked "I/O"	NO	Green	XB5AL845N <input checked="" type="checkbox"/>	936
	NO+NC	Green	XB5AL845N <input checked="" type="checkbox"/>	936

## Pilot lights

Description	Supply Voltage	Colour	Reference	Unit LP [₹]
<b>With smooth lens (except clear colour)</b>				
Direct Integral LED	~ 24V	White	XB7EV01BPN <input checked="" type="checkbox"/>	213
		Green	XB7EV03BPN <input checked="" type="checkbox"/>	197
		Red	XB7EV04BPN <input checked="" type="checkbox"/>	197
		Yellow	XB7EV05BPN <input checked="" type="checkbox"/>	197
		Amber	XB7EV08BPN <input checked="" type="checkbox"/>	197
	~ 120V	Blue	XB7EV06BPN <input checked="" type="checkbox"/>	407
		Clear	XB7EV07BPN* <input checked="" type="checkbox"/>	197
		White	XB7EV01GPN <input checked="" type="checkbox"/>	213
		Green	XB7EV03GPN <input checked="" type="checkbox"/>	197
		Red	XB7EV04GPN <input checked="" type="checkbox"/>	197
Direct Integral LED	~ 230V	Yellow	XB7EV05GPN <input checked="" type="checkbox"/>	197
		Amber	XB7EV08GPN <input checked="" type="checkbox"/>	197
		Blue	XB7EV06GPN <input checked="" type="checkbox"/>	407
		Clear	XB7EV07GPN* <input checked="" type="checkbox"/>	197
		White	XB7EV01MPN <input checked="" type="checkbox"/>	213
	~ 120V	Green	XB7EV03MPN <input checked="" type="checkbox"/>	197
		Red	XB7EV04MPN <input checked="" type="checkbox"/>	197
		Yellow	XB7EV05MPN <input checked="" type="checkbox"/>	197
		Amber	XB7EV08MPN <input checked="" type="checkbox"/>	197
		Blue	XB7EV06MPN <input checked="" type="checkbox"/>	407
Clear	XB7EV07MPN* <input checked="" type="checkbox"/>	197		

\* Clear type pilot lights are provided with striated lens.



### Illuminated Pushbutton

Description	Type of Contact	Colour	Reference	Unit LP [₹]
<b>With smooth lens (except clear colour)</b>				
Flush Integral LED ~ 24V	NO	White	XB5AW31B1N <input checked="" type="checkbox"/>	388
	NO	Green	XB5AW33B1N <input checked="" type="checkbox"/>	388
	NC	Red	XB5AW34B2N <input checked="" type="checkbox"/>	388
	NO	Yellow	XB5AW35B1N <input checked="" type="checkbox"/>	388
	NO	Amber	XB5AW38B1N <input checked="" type="checkbox"/>	433
	NO	Blue	XB5AW36B1N <input checked="" type="checkbox"/>	751
	NO	Clear	XB5AW37B1N*	751
Projecting Integral LED ~ 24V	NO	White	XB5AW11B1N	381
	NO	Green	XB5AW13B1N <input checked="" type="checkbox"/>	388
	NC	Red	XB5AW14B2N <input checked="" type="checkbox"/>	388
	NO	Yellow	XB5AW15B1N	388
	NO	Amber	XB5AW18B1N	381
	NO	Blue	XB5AW16B1N	737
	NO	Clear	XB5AW17B1N*	392
Push Integral LED ~ 24V	NO	White	XB5AH31B1N	512
	NO	Green	XB5AH33B1N	512
	NC	Red	XB5AH34B2N	512
	NO	Yellow	XB5AH35B1N	512
	NO	Amber	XB5AH38B1N	527
	NO	Blue	XB5AH36B1N	761
	NO	Clear	XB5AH37B1N*	527
Flush Integral LED ~ 110V	NO	White	XB5AW31G1N	474
	NO	Green	XB5AW33G1N <input checked="" type="checkbox"/>	474
	NC	Red	XB5AW34G2N <input checked="" type="checkbox"/>	474
	NO	Yellow	XB5AW35G1N	751
	NO	Amber	XB5AW38G1N	452
	NO	Blue	XB5AW36G1N	751
	NO	Clear	XB5AW37G1N*	859
Flush Integral LED ~ 230V	NO	White	XB5AW31M1N <input checked="" type="checkbox"/>	443
	NO	Green	XB5AW33M1N <input checked="" type="checkbox"/>	388
	NC	Red	XB5AW34M2N <input checked="" type="checkbox"/>	388
	NO	Yellow	XB5AW35M1N <input checked="" type="checkbox"/>	388
	NO	Amber	XB5AW38M1N <input checked="" type="checkbox"/>	433
	NO	Blue	XB5AW36M1N <input checked="" type="checkbox"/>	751
	NO	Clear	XB5AW37M1N*	834
Projecting Integral LED ~ 230V	NO	White	XB5AW11M1N	503
	NO	Green	XB5AW13M1N	388
	NC	Red	XB5AW14M2N	388
	NO	Yellow	XB5AW15M1N	388
	NO	Amber	XB5AW18M1N	381
	NO	Blue	XB5AW16M1N	737
	NO	Clear	XB5AW17M1N*	392
Push Integral LED ~ 230V	NO	White	XB5AH11M1N	585
	NO	Green	XB5AH13M1N <input checked="" type="checkbox"/>	512
	NC	Red	XB5AH14M2N <input checked="" type="checkbox"/>	512
	NO	Yellow	XB5AH15M1N	512
	NO	Amber	XB5AH18M1N	527
	NO	Blue	XB5AH16M1N	784
	NO	Clear	XB5AH17M1N*	527

\* Clear type illuminated Push buttons are provided with striated lens.

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

## Non-Illuminated Pushbutton

Description	Dia of Head	Type of Contact	Colour	Reference	Unit LP [₹]
<b>Mushroom Head</b>					
Spring return	40	NO	Black	XB5AC21N <input checked="" type="checkbox"/>	258
		NO	Green	XB5AC31N <input checked="" type="checkbox"/>	258
		NC	Red	XB5AC42N <input checked="" type="checkbox"/>	258
		NO	Red	XB5AC41N <input checked="" type="checkbox"/>	258
		NO	Yellow	XB5AC51N	258
	NO	Blue	XB5AC61N	258	
	60	NO	Black	XB5AR21N	335
		NO	Green	XB5AR31N <input checked="" type="checkbox"/>	335
		NC	Red	XB5AR42N	335
		NO	Red	XB5AR41N	335
NO		Yellow	XB5AR51N	335	
Turn to release	30	NC	Black	XB5AS422N	252
		NC	Red	XB5AS442N <input checked="" type="checkbox"/>	252
	40	NC	Black	XB5AS522N <input checked="" type="checkbox"/>	256
Key release (n°155)	40	NC	Red	XB5AS9445N <input checked="" type="checkbox"/>	587
		NC	Black	XB5AS122N <input checked="" type="checkbox"/>	455
Trigger action turn to release	40	NC+NO	Red	XB5AS142N	460
Trigger action key to release	40	NO+NC	Red	XB5AS9445N	587
Trigger action key to release	40	NC	Red	XB5AS9442N	591

## Illuminated Pushbutton with yellow LED

Description	Supply Voltage	Type of Contact	Reference	Unit LP [₹]	
<b>Double Headed Pushbuttons (Spring return)</b>					
1 flush push (marked "I")	≈ 24V	NO+NC	XB5AW84B5N <input checked="" type="checkbox"/>	928	
1 pilot light	~ 110V	NO+NC	XB5AW84G5N		
1 projecting push (marked "0")	~ 230V	NO+NC	XB5AW84M5N <input checked="" type="checkbox"/>		
<b>Mushroom Head Pushbuttons (Illuminated)</b>					
Turn to release	≈ 24V	NC	Red	XB5AW74B2N <input checked="" type="checkbox"/>	800
	~ 230V-240V	NC	Red	XB5AW74M2N <input checked="" type="checkbox"/>	850

## Illuminated - Selector switch

Description	Type of Contact	Colour	Reference	Unit LP [₹]
2 stay put ≈ 24V	NO	White	XB5AK121B1N <input checked="" type="checkbox"/>	646
	NO	Green	XB5AK123B1N <input checked="" type="checkbox"/>	559
	NC	Red	XB5AK124B2N <input checked="" type="checkbox"/>	559
	NO	Yellow	XB5AK125B1N <input checked="" type="checkbox"/>	559
	NO	Blue	XB5AK126B1N	907
2 spring return from right to left ≈ 24V	NO	White	XB5AK141B1N	982
	NO	Green	XB5AK143B1N	982
	NC	Red	XB5AK144B2N	1011
	NO	Yellow	XB5AK145B1N	982
	NO	Blue	XB5AK146B1N	1228
3 stay put ≈ 24V	2NO	White	XB5AK131B3N	850
	2NO	Green	XB5AK133B3N <input checked="" type="checkbox"/>	587
	1NO+1NC	Red	XB5AK134B5N <input checked="" type="checkbox"/>	587
	2NO	Yellow	XB5AK135B3N	587
	2NO	Blue	XB5AK136B3N	1134
3 spring return to centre ≈ 24V	2NO	White	XB5AK151B3N	637
	2NO	Green	XB5AK153B3N <input checked="" type="checkbox"/>	588
	1NO+1NC	Red	XB5AK154B5N	857
	2NO	Yellow	XB5AK155B3N	857
	2NO	Blue	XB5AK156B3N	1296
2 stay put ~ 230V	NO	White	XB5AK121M1N	646
	NO	Green	XB5AK123M1N <input checked="" type="checkbox"/>	559
	NC	Red	XB5AK124M2N <input checked="" type="checkbox"/>	559
	NO	Yellow	XB5AK125M1N <input checked="" type="checkbox"/>	559
	NO	Blue	XB5AK126M1N	907
2 spring return right to left ~ 230V	NO	White	XB5AK141M1N	1011
	NO	Green	XB5AK143M1N	982
	NC	Red	XB5AK144M2N	1011
	NO	Yellow	XB5AK145M1N	1011
	NO	Blue	XB5AK146M1N	1228
3 stay put ~ 230V	2NO	White	XB5AK131M3N	876
	2NO	Green	XB5AK133M3N <input checked="" type="checkbox"/>	587
	1NO+1NC	Red	XB5AK134M5N <input checked="" type="checkbox"/>	587
	2NO	Yellow	XB5AK135M3N	587
	2NO	Blue	XB5AK136M3N	1134
3 spring return to center ~ 230V	2NO	White	XB5AK151M3N	637
	2NO	Green	XB5AK153M3N <input checked="" type="checkbox"/>	588
	1NO+1NC	Red	XB5AK154M5N	857
	2NO	Yellow	XB5AK155M3N <input checked="" type="checkbox"/>	857
	2NO	Blue	XB5AK156M3N <input checked="" type="checkbox"/>	1296

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

## Non Illuminated Selector switches & Key switches

Description	Type of Contact	Reference	Unit LP [₹]
Standard handle black	2 stay put	1NO XB5AD21N <input checked="" type="checkbox"/>	326
	2 spring return, right to left	1NO XB5AD41N <input checked="" type="checkbox"/>	520
	3 stay put	2NO XB5AD33N <input checked="" type="checkbox"/>	356
	3 spring return to center	2NO XB5AD53N <input checked="" type="checkbox"/>	379
	3 spring return, left to center	2NO XB5AD73N <input checked="" type="checkbox"/>	379
	3 spring return, right to center	2NO XB5AD83N <input checked="" type="checkbox"/>	407
Long handle black	2 stay put	1NO XB5AJ21N <input checked="" type="checkbox"/>	330
	3 stay put	2NO XB5AJ33N <input checked="" type="checkbox"/>	366
	3 Spring return to center	2NO XB5AJ53N <input checked="" type="checkbox"/>	382
Key switch	2 stay put*	1NO XB5AG21N <input checked="" type="checkbox"/>	500
	2 stay put*	1NO XB5AG021N	571
	2 stay put*	1NO XB5AG41N	500
	2 spring return, right to left	1NO XB5AG61N	888
	3 stay put*	2NO XB5AG53N <input checked="" type="checkbox"/>	532
	3 stay put*	2NO XB5AG03N <input checked="" type="checkbox"/>	424
	3 stay put*	2NO XB5AG33N <input checked="" type="checkbox"/>	561
	3 spring return to center	2NO XB5AG73N <input checked="" type="checkbox"/>	820
	3 spring return, left to center	2NO XB5AG13N	578
	3 spring return, right to center	2NO XB5AG083N	722

\* Please refer catalogue for Key withdrawal position

## Accessories

Description	Legend Colour	Marking	Reference	Unit LP [₹]
With blank legend (for engraving)	Black/Red bkgd.	Blank	ZBY2101N <input checked="" type="checkbox"/>	91
	White/Yellow bkgd.	Blank	ZBY4101N	91
With 8 x 27 mm English language marked legend		Inch	ZBY2321N	94
		OFF	ZBY2312N	94
		ON	ZBY2326N	94
		Reset	ZBY2323N	94
		Reverse	ZBY2306N	94
	Start	ZBY2303N	91	
Legends for emergency stop	Emergency stop	ON	ZBY9330N <input checked="" type="checkbox"/>	91
Mushroom head pushbuttons	Yellow bkgd.		ZBY8330N	91

## Pushbutton caps (unmarked)

• For use with ZB5-AAON circular pushbutton heads supplied without caps

Type of Pushbutton caps	Colour	Reference	Unit LP [₹]
Flush	White	ZBA1N	32
	Black	ZBA2N	32
	Red	ZBA4N	31
	Yellow	ZBA5N	32
	Blue	ZBA6N	32
	Set of 6 colours*	ZBA9N	59
Projecting	White	ZBL1N	60
	Black	ZBL2N	60
	Green	ZBL3N	60
	Red	ZBL4N	60
	Yellow	ZBL5N	60
	Blue	ZBL6N	60
	Set of 6 colors*	ZBL9N	60

## Pushbutton caps (marked)

Type of Pushbutton caps	Colour Text	Colour of Cap	Reference	Unit LP [₹]	
Projecting Flush (Double injection moulded marking)	STOP	White	Red	ZBL434N	94
	I	White	Green	ZBA331N	94
	START	White	Green	ZBA333N	91
	ON	White	Green	ZBA341N**	132
	STOP	White	Red	ZBA434N	91
	UP	Black	White	ZBA343N	132
	DOWN	White	Black	ZBA344N	136
	OFF	White	Red	ZBA434N	91

\* Set of 6 colours white + black + green + red + yellow + blue

\*\* Excluding ZBA-341N of double injection moulded marking

## Accessories

Description	Application	Reference	Unit LP [₹]
Plastic blanking plug, round black,	For Ø 22 control and signalling units with circular head	ZB5SZ3N <input checked="" type="checkbox"/>	91
Anti rotation plate,	Prevents head from rotation	ZB5AZ902N <input checked="" type="checkbox"/>	26
Fixing collar	To fix contacts or lights	ZB5AZ009N <input checked="" type="checkbox"/>	91
Fixing nut		ZB5AZ901N	26

## Contact blocks with screw clamp terminal connections

Description	Type of Contact	Reference	Unit LP [₹]
Standard single	1NO	ZBE101N <input checked="" type="checkbox"/>	78
Contact blocks	1NC	ZBE102N <input checked="" type="checkbox"/>	78

## Clear silicon boots

Description	Reference	Unit LP [₹]
Boot for cylindrical flush PB	ZBPAN <input checked="" type="checkbox"/>	52
Boot for cylindrical projecting PB	ZBP0N	54
Boot for double head illuminated PB and non-illuminated PB	ZBW008N	94

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

Light block with screw clamp terminal connections

Description	Supply Voltage	Colour of Light source	Reference	Unit LP [₹]
Integral LED	~ 24V	White	ZBVB1N	244
		Green	ZBVB3N <input checked="" type="checkbox"/>	244
		Red	ZBVB4N	244
		Yellow	ZBVB5SN	244
		Amber	ZBVB8N	244
		Blue	ZBVB6N	645
	~ 110V	White	ZBVG1N	324
		Green	ZBVG3N	315
		Red	ZBVG4N	315
		Yellow	ZBVG5SN	822
		Amber	ZBVG8N	324
		Blue	ZBVG6N	670
	~ 220V	White	ZBVM1N	382
		Green	ZBVM3N <input checked="" type="checkbox"/>	252
		Red	ZBVM4N <input checked="" type="checkbox"/>	252
		Yellow	ZBVM5SN	252
		Amber	ZBVM8N	259
		Blue	ZBVM6N	651
Direct bulb holder without resistance	~ 130V	-	ZBV6N	154

### Flush mounting kit and harmony+ NEW



- Only addition to the BOM is a flush mounting kit
- Installation into a 30.50 mm hole
- New aesthetics for machine control panel using the same control devices as before
- Possibility to refurbish old machine with new style

Description	Reference	Unit LP [₹]
Metal flush mounting kit (PB and PL).	ZB4BZ021	797
Metal flush mounting kit (SS and IPB).	ZB4BZ022	840
Plastic flush mounting kit (PB and PL).	ZB5AZ021	700
Plastic flush mounting kit (SS and IPB).	ZB5AZ022	707
Plastic flush mounting kit for legend 8x27 (PB and PL).	ZB5AZ023	797
Plastic flush mounting kit for legend 8x27 (SS and IPB).	ZB5AZ024	847
Plastic flush mounting kit for legend 18x27 (PB and PL).	ZB5AZ025	1096
Plastic flush mounting kit for legend 18x27 (SS and IPB).	ZB5AZ026	1146

Description	Reference	Unit LP [₹]
Head Ø22 + mounting base + potentiometer 4K7	XB4BD912R4K7	on Request
Head Ø22 + mounting base + potentiometer 4K7	XB5AD912R4K7	on Request
100...240 VAC/DC Panel mounted Ø22 mm timer monofunction with 3 s..60 s delay	XB5DTGM3	on Request
Panel mounted USB 3.0 port - Ø22 mm - for USB interface jack type A	XB5PUSB3	on Request
Panel mounted RJ45 port - Ø22 mm - for Ethernet connection	XB5PRJ45	on Request
Red emergency stop TTR 40mm 2NC 1NO moni	XB5AS84449	on Request
Red illu estop TTR 40mm 2NC 1NO monit.ct	XB5AS86449B4	on Request

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

## ZAL Bodies for LED Pilot light (for mounting on metal plate at back of enclosure)

Description	Colour	Reference	Unit LP [₹]
≈ 24V	White	ZALVB1	498
	Green	ZALVB3	484
	Red	ZALVB4	484
	Yellow	ZALVB5	484
	Blue	ZALVB6	544
	~ 120V	White	ZALVG1
Green		ZALVG3	725
Red		ZALVG4	566
Yellow		ZALVG5	629
Blue		ZALVG6	629
~ 220V		White	ZALVM1
	Green	ZALVM3	873
	Red	ZALVM4	738
	Yellow	ZALVM5	691
	Blue	ZALVM6	711
	≈ 24V	White	ZBVB1
Green		ZBVB3	332
Red		ZBVB4	332
Yellow		ZBVB5	323
Blue		ZBVB6	420
~ 120V		White	ZBVG1
	Green	ZBVG3	440
	Red	ZBVG4	536
	Yellow	ZBVG5	519
	Blue	ZBVG6	982
	~ 220V	White	ZBVM1
Green		ZBVM3	420
Red		ZBVM4	420
Yellow		ZBVM5	427
Blue		ZBVM6	513

## XAL - Empty enclosures for XB5 and XB4 Push button and Pilot light

Description	No. of ways	Color of Enclosure	Reference	Unit LP [₹]
For normal environment Light grey base IP65	1	Dark grey	XALD01 <input checked="" type="checkbox"/>	541
	2	Dark grey	XALD02 <input checked="" type="checkbox"/>	669
	3	Dark grey	XALD03	815
	4	Dark grey	XALD04 <input checked="" type="checkbox"/>	1114
	5	Dark grey	XALD05	1455
For normal environment Light Grey base IP54	1	Yellow	XALK01 <input checked="" type="checkbox"/>	598
	2	Light Grey	XALE2	447
	3	Light Grey	XALE3	545

## ZEN - Contact block for mounting on Metal plate at back of enclosure

Description	Contacts Type and Composition	Reference	Unit LP [₹]
Standard single Contact block	1 NO	ZENL1111 <input checked="" type="checkbox"/>	288
	1 NC	ZENL1121 <input checked="" type="checkbox"/>	

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

## XVB-C Illuminated Lens Units

Description	Light Block Colour	Reference	Unit LP [₹]
Lens unit - steady light - 250 V 10 W	Green	XVBC33	2085
	Red	XVBC34	2125
	Orange	XVBC35 <input checked="" type="checkbox"/>	2125
	Blue	XVBC36	2085
	Clear	XVBC37	2125
	Yellow	XVBC38	2085
Lens unit - flashing light - 24..48 V DC 24 V AC	Green	XVBC4B3	5934
	Red	XVBC4B4	5766
	Orange	XVBC4B5	5766
	Blue	XVBC4B6	5934
	Clear	XVBC4B7	5934
	Yellow	XVBC4B8	5663
Lens unit - flashing light - 48..230 V AC	Green	XVBC4M3	5789
	Red	XVBC4M4	6063
	Orange	XVBC4M5	5934
	Blue	XVBC4M6	6049
	Clear	XVBC4M7	5789
	Yellow	XVBC4M8	5789
Lens unit - steady light - 24 V AC DC	Green	XVBC2B3	4674
	Red	XVBC2B4	4674
	Orange	XVBC2B5	4674
	Blue	XVBC2B6	6030
	Clear	XVBC2B7	6030
	Yellow	XVBC2B8	4585
Lens unit - steady light - 120 V AC	Green	XVBC2G3	4582
	Red	XVBC2G4	4585
	Orange	XVBC2G5	4766
	Blue	XVBC2G6	5777
	Clear	XVBC2G7	5777
	Yellow	XVBC2G8	4789
Lens unit - steady light - 230 V AC	Green	XVBC2M3	4585
	Red	XVBC2M4	4585
	Orange	XVBC2M5	4585
	Blue	XVBC2M6	6358
	Clear	XVBC2M7	5967
	Yellow	XVBC2M8	4992
Lens unit - flashing light - 24 V AC DC	Green	XVBC5B3	8237
	Red	XVBC5B4	7986
	Orange	XVBC5B5	8068
	Blue	XVBC5B6	10067
	Clear	XVBC5B7	6629
	Yellow	XVBC5B8	7940
Lens unit - flashing light - 120 V AC	Green	XVBC5G3	8236
	Red	XVBC5G4	8226
	Orange	XVBC5G5	8078
	Blue	XVBC5G6	10028
	Clear	XVBC5G7	9417
	Yellow	XVBC5G8	8196
Lens unit - flashing light - 230 V AC	Red	XVBC5M4	7915
	Orange	XVBC5M5	8226
	Blue	XVBC5M6	9970
	Clear	XVBC5M7	9417
	Yellow	XVBC5M8	8226
	Flashing unit - integral LED - 230..240 V AC	Green	XVBC5M3

## XVB Units

Description	Reference	Unit LP [₹]
<b>XVB Audible Signalling Unit</b>		
Sound unit - continuous or intermittent buzzer - 75..90 dB - 12..48 V AC DC	XVBC9B <input checked="" type="checkbox"/>	6517
Sound unit - continuous or intermittent buzzer - 75..90 dB - 120..230 V AC	XVBC9M	10953
<b>XVB Base Unit + Cover</b>		
Base unit + cover for bank XVB - without flash discharge tube - black - IP 65	XVBC21 <input checked="" type="checkbox"/>	2946
<b>XVB Accessories</b>		
Fixing base on vertical surface - zamak black - XVB	XVBC12	1785
Lateral cable entry kit with Pg 13.5 cable gland - XVB	XVBC14	389
Set of coloured indicator pins - 6 colors - XVB	XVBC22	323
Support tube + fixing base l=400 mm - aluminium black - XVB	XVBZ03	2453
Support tube + fixing base l=80 mm - aluminium black - XVB	XVBZ02	1854
Support tube + fixing base l=800 mm - aluminium black - XVB	XVBZ04	3652
<b>XVB Incandescent Bulb</b>		
Clear incandescent bulb for signalling - BA 15d - 24 V 10 W	DL1BLB	277
Clear incandescent bulb for signalling - BA 15d - 48 V 10 W	DL1BLE	293
Clear incandescent bulb for signalling - BA 15d - 120 V 10 W	DL1BLG	465
Clear incandescent bulb for signalling - BA 15d - 12 V 10 W	DL1BLJ	285
Clear incandescent bulb for signalling - BA 15d - 230 V 10 W	DL1BLM	302

## XVB LED BA 15d Base Fitting

[Us] Rated Supply Voltage	Signalling Colour	Reference	Unit LP [₹]
24 V	White	DL1BDB1	3710
	Green	DL1BDB3	2968
	Red	DL1BDB4	2968
	Blue	DL1BDB6	3365
	Yellow-Orange	DL1BDB8	3487
	Blue	DL1BDG6	4469
120 V AC	Green	DL1BDG3	3542
	Red	DL1BDG4	3491
	White	DL1BDG1	4469
	Yellow-Orange	DL1BDG8	3703
	Blue	DL1BDM6	4469
	Green	DL1BDM3	3881
230 V AC	Red	DL1BDM4	3776
	White	DL1BDM1	4469
	Yellow-Orange	DL1BDM8	3571

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018



- Motor less + LED Flashing
- External Buzzer volume adjustor 70 DB to 90 DB
- Straight & Side wiring- more flexible

## XVR3 Multifunctional LED Beacon NEW

Description	Reference	Unit LP [₹]
Multi-functional LED Beacon green without buzzer DC/AC 12~24V	XVR3B03	9830
Multi-functional LED Beacon red without buzzer DC/AC 12~24V	XVR3B04	9846
Multi-functional LED Beacon orange without buzzer DC/AC 12~24V	XVR3B05	9681
Multi-functional LED Beacon blue without buzzer DC/AC 12~24V	XVR3B06	9928
Multi-functional LED Beacon green without buzzer AC 100~230V	XVR3M03	9830
Multi-functional LED Beacon red without buzzer AC 100~230V	XVR3M04	9681
Multi-functional LED Beacon Orange without buzzer AC 100~230V	XVR3M05	9681
Multi-functional LED Beacon Blue without buzzer AC 100~230V	XVR3M06	9928
Multi-functional LED Beacon green with buzzer DC/AC 12~24V	XVR3B03S	21184
Multi-functional LED Beacon red with buzzer DC/AC 12~24V	XVR3B04S	19738
Multi-functional LED Beacon orange with buzzer DC/AC 12~24V	XVR3B05S	20319
Multi-functional LED Beacon blue with buzzer DC/AC 12~24V	XVR3B06S	21184
Multi-functional LED Beacon green with buzzer AC 100~230V	XVR3M03S	10705
Multi-functional LED Beacon red with buzzer AC 100~230V	XVR3M04S	8882
Multi-functional LED Beacon orange with buzzer AC 100~230V	XVR3M05S	9715
Multi-functional LED Beacon blue with buzzer AC 100~230V	XVR3M06S	10705
Multi-functional LED Beacon green without buzzer DC48V	XVR3E03	9928
Multi-functional LED Beacon red without buzzer DC48V	XVR3E04	9681
Multi-functional LED Beacon orange without buzzer DC48V	XVR3E05	9681
Multi-functional LED Beacon blue without buzzer DC48V	XVR3E06	9928
Multi-functional LED Beacon, External lens	XVR3Z001	268

## XVR Bulbs

Description	[Us] Rated Supply Voltage	Reference	Unit LP [₹]
BA 15d Base fitting			
Clear Halogen Bulb For Signalling - Ba 15D - 70 W	24 V AC/DC	DL1BRBH	2702

## Accessories and spare parts

Description	cap/ operator Or Lens Colour	Reference	Unit LP [₹]
Fixing base on vertical surface - black		XVR012	2093
Fixing base for support tube with tapping 1/2 " npt - black		XVR013	1206
Green domed lens - ø 165	green	XVR0153	4515
Red domed lens - ø 165	red	XVR0154	4515
Orange domed lens - ø 165	orange	XVR0155	4515
Blue domed lens - ø 165	blue	XVR0156	4515
Yellow domed lens - ø 165	yellow	XVR0158	4515
Protective grid for lens unit		XVR016	2029

Note: Accessories only for references XVR1B\*\*\*\*.

## XVS Sirens

Description	Reference	Unit LP [₹]
2 Tones siren - 106 dB - 12...24V AC/DC - White	XVS10BMW	18186
2 Tones siren - 106 dB - 120V AC - White	XVS10GMW	
2 Tones siren - 106 dB - 230V AC - White	XVS10MMW	

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

## DL1 Incandescent Bulb

Description	Light Block Colour	Reference	Unit LP (₹)
Clear incandescent bulb for signalling - ba 15d - 24 v 4 w		DL1BEBS	263
Clear incandescent bulb for signalling - ba 15d - 120 v 7 w		DL1BEG	278
Clear incandescent bulb for signalling - ba 15d - 230 v 5 w		DL1BEMS	286

## XVR Rotating Mirror Beacon

Description	Light Block Colour	Reference	Unit LP (₹)
Rotating mirror beacon - 70W - 24V AC DC	Green	XVR1B93	13240
	Red	XVR1B94	14640
	Orange	XVR1B95	13189
	Blue	XVR1B96	13240
	Yellow	XVR1B98	13189
Rotating mirror beacon w/o buzzer XVR - Ø 84 - 24 V AC DC	Green	XVR08B03	10473
Rotating mirror beacon w/o buzzer XVR - Ø 106 - 24 V AC DC	Green	XVR10B03	10473
Rotating mirror beacon with buzzer XVR - Ø 120 - 24 V AC DC	Green	XVR12B03	13349
Rotating mirror beacon w/o buzzer XVR - Ø 130 - 24 V AC DC	Red	XVR13B04L	10783
	Orange	XVR13B05L	10474
Rotating mirror beacon w/o buzzer XVR - Ø 84 - 24 V AC DC	Blue	XVR08B06	11422
Rotating mirror beacon w/o buzzer XVR - Ø 106 - 24 V AC DC	Blue	XVR10B06	11422
Rotating mirror beacon w/o buzzer XVR - Ø 120 - 24 V AC DC	Blue	XVR12B06	13455
Rotating mirror beacon w/o buzzer XVR - Ø 130 - 120 V AC	Red	XVR13G04L	12743
	Orange	XVR13G05L	11422
Rotating mirror beacon w/o buzzer XVR - Ø 130 - 230 V AC	Red	XVR13M04L	13562
	Orange	XVR13M05L	12865

## XVM Series

Tower Light with Super Bright LED and integral light diffuser

Description	Reference	Unit LP (₹)
Complete Tower 24 V AC/DC Without Buzzer	XVMB2RSB	2986
	XVMB2RASB	2939
	XVMB2RGSB	4365
	XVMB2RAGSB	5795
	XVMB2R6AGSB	6338
Complete Tower 24 V AC/DC With Buzzer	XVMB2RSSB	3363
	XVMB2RASSB	4693
	XVMB2RGSSB	4947
	XVMB2RAGSSB	7486
	XVMB2R6AGSSB	10032
Complete Tower 120 V AC Without Buzzer	XVMG2RSB	4024
	XVMG2RASB	4363
	XVMG2RGSB	4226
	XVMG2RAGSB	5225
	XVMG2R6AGSB	7689
Complete Tower 120 V AC With Buzzer	XVMG2RSSB	4287
	XVMG2RASSB	5543
	XVMG2RGSSB	5496
	XVMG2RAGSSB	6754
	XVMG2R6AGSSB	9197
Complete Tower 230 V AC Without Buzzer	XVMM2RSB	3762
	XVMM2RASB	4064
	XVMM2RGSB	4260
	XVMM2RAGSB	6922
	XVMM2R6AGSB	8219
Complete Tower 230 V AC With Buzzer	XVMM2RSSB	6018
	XVMM2RASSB	5827
	XVMM2RGSSB	6051
	XVMM2RAGSSB	7225
	XVMM2R6AGSSB	9528

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

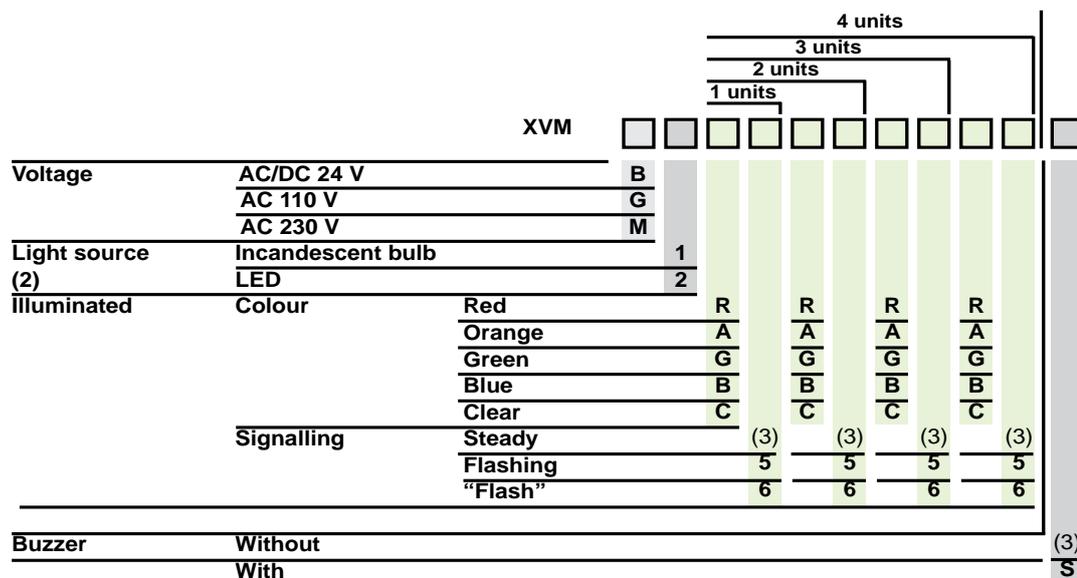
## XVM Series

Description	Reference	Unit LP [₹]
Base and Cover	XVMC21	621
Tube and Base	XVMC213T	1186
Base with Buzzer 24V	XVMC29B	1784
Tube and Base with Buzzer 24V	XVMC29B3T	2482
Tube and Base with Buzzer 120V	XVMC29G3T	2544
Base with Buzzer 230V	XVMC29M	1859
Green Lens	XVMC33	690
Red Lens	XVMC34	690
Yellow Lens	XVMC35	690
Blue Lens	XVMC36	690
Clear Lens	XVMC37	690
100mm Aluminium Tube with Stand	XVMZ02	571
100mm Aluminium Tube with Bracket	XVMZ02T	693
250mm Aluminium Tube with Stand	XVMZ03	821
250mm Aluminium Tube with Bracket	XVMZ03T	851
400mm Aluminium Tube with Stand	XVMZ04	1149
Cover for Replacement	XVMZ081	164
Tool for Bulb	ZBZX13	169
Incandescent Bulb 24 V	DL1EDBS <input checked="" type="checkbox"/>	191
Incandescent Bulbs 120 V	DL1EDGS	193
Incandescent Bulbs 230 V	DL1EDMS <input checked="" type="checkbox"/>	193
White Led Bulb 24 V	DL2EDB1SB	925
Green Led Bulb 24 V	DL2EDB3SB	925
Red Led Bulb 24 V	DL2EDB4SB	925
Blue Led Bulb 24 V	DL2EDB6SB	1088
Orange Led Bulb 24 V	DL2EDB8SB	906

## XVM Series

Description	Reference	Unit LP [₹]
White Led Bulb 120 V	DL2EDG1SB	1169
Green Led Bulb 120 V	DL2EDG3SB	1096
Red Led Bulb 120 V	DL2EDG4SB	1064
Blue Led Bulb 120 V	DL2EDG6SB	1064
Orange Led Bulb 120 V	DL2EDG8SB	1096
White Led Bulb 230 V	DL2EDM1SB	1108
Green Led Bulb 230 V	DL2EDM3SB	1045
Red Led Bulb 230 V	DL2EDM4SB	1087
Blue Led Bulb 230 V	DL2EDM6SB	1141
Orange Led Bulb 230 V	DL2EDM8SB	1087
White Flashing Led Bulb 24 V	DL2EKB1SB	1227
Green Flashing Led Bulb 24 V	DL2EKB3SB	1289
Red Flashing Led Bulb 24 V	DL2EKB4SB	1228
Blue Flashing Led Bulb 24 V	DL2EKB6SB	1289
Orange Flashing Led Bulb 24 V	DL2EKB8SB	1228
White Flashing Led Bulb 120 V	DL2EKG1SB	1410
Green Flashing Led Bulb 120 V	DL2EKG3SB	1481
Red Flashing Led Bulb 120 V	DL2EKG4SB	1438
Blue Flashing Led Bulb 120 V	DL2EKG6SB	1410
Orange Flashing Led Bulb 120 V	DL2EKG8SB	1481
White Flashing Led Bulb 230 V	DL2EKM1SB	1528
Green Flashing Led Bulb 230 V	DL2EKM3SB	1528
Red Flashing Led Bulb 230 V	DL2EKM4SB	1549
Blue Flashing Led Bulb 230 V	DL2EKM6SB	1528
Orange Flashing Led Bulb 230 V	DL2EKM8SB	1528
Strobe Bulb 24V	DL6BB	2592
Strobe Bulb 120V	DL6BG	2535
Strobe Bulb 230 V	DL6BM	2535

### Breakdown of the reference for a complete indicator bank



### Reference example

XVM B2R6AGS=indicator bank for 24V( AC/DC) supply, with LEDs with 1 red lens unit with "flash" discharge tube signalling, 2 lens units (1 orange and 1 green) with steady light signalling and with buzzer.

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

Tower light, Ø 60 mm, Pre-assembled , PreCabled , Monoethic , Economical Version , XVGB-Series with LED for steady light - 24VDC

Description	References	Unit LP [₹]
<b>With aluminium tube mounting and L-bracket</b>		
<b>Without Buzzer</b>		
2-Stage Red, Green	XVGB2	2646
3-Stage Red, Amber, Green	XVGB3	2997
4-Stage Red, Amber, Green, Blue	XVGB4	3609
<b>With Buzzer</b>		
2-Stage Red, Green	XVGB2S	3004
3-Stage Red, Amber, Green	XVGB3S	3407
4-Stage Red, Amber, Green, Blue	XVGB4S	3627
With direct aluminium tube mounting		
<b>Without Buzzer</b>		
2-Stage Red, Green	XVGB2T	2726
3-Stage Red, Amber, Green	XVGB3T	3314
4-Stage Red, Amber, Green, Blue	XVGB4T	4017
<b>With Buzzer</b>		
2-Stage Red, Green	XVGB2ST	3339
3-Stage Red, Amber, Green	XVGB3ST	3431
4-Stage Red, Amber, Green, Blue	XVGB4ST	4377
With aluminium tube mounting and fixing plate		
<b>Without Buzzer</b>		
2-Stage Red, Green	XVGB2H	2646
3-Stage Red, Amber, Green	XVGB3H	3028
4-Stage Red, Amber, Green, Blue	XVGB4H	3972
<b>With Buzzer</b>		
2-Stage Red, Green	XVGB2SH	3234
3-Stage Red, Amber, Green	XVGB3SH	3487
4-Stage Red, Amber, Green, Blue	XVGB4SH	4345
With aluminium tube mounting and foldable bracket		
<b>Without Buzzer</b>		
2-Stage Red, Green	XVGB2M	3033
3-Stage Red, Amber, Green	XVGB3M	3315
4-Stage Red, Amber, Green, Blue	XVGB4M	4001
<b>With Buzzer</b>		
2-Stage Red, Green	XVGB2SM	3289
3-Stage Red, Amber, Green	XVGB3SM	3600
4-Stage Red, Amber, Green, Blue	XVGB4SM	3630
With base mounting - Direct		
<b>Without Buzzer</b>		
2-Stage Red, Green	XVGB2W	2486
3-Stage Red, Amber, Green	XVGB3W	2925
4-Stage Red, Amber, Green, Blue	XVGB4W	3837
<b>With Buzzer</b>		
2-Stage Red, Green	XVGB2SW	2910
3-Stage Red, Amber, Green	XVGB3SW	3291
4-Stage Red, Amber, Green, Blue	XVGB4SW	3932
<b>XVG-USB Based Towerlights</b> 		
Pre-assembled and pre-cabled Multicolor USB tower light 60mm IP42 Direct base mounting	XVGU3SWV	6452
Pre-assembled and pre-cabled Multicolor USB tower light 60mm IP42 With 100 mm aluminium tube mounting	XVGU3SHAV	7313

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018



- One-hand operation
- Wireless e-stop compliant with sil3
- 30H runtime, 15min to recharge
- Instant alarm notification by vibration
- 2.4Ghz frequency up to 50 systems at the same time

## Radio Remote Control

Description	References	Unit LP [₹]
ZART8L + ZARB12W	XARS8L12W	107624
ZART8L + ZARB12H	ZART8L + ZARB12H	112942
ZART8D + ZARB18W	XARS8D18W	120851
ZART8D + ZARB18H	XARS8D18H	122871
ZART12D + ZARB18W	XARS12D18W	117762
ZART12D + ZARB18H	XARS12D18H	120240
Starter kit = XARS8L12W + ZARC01 + ZARC02	XARSK8L12W	132758
Starter kit = XARS8L12H + ZARC01 + ZARC02	XARSK8L12H	135870
Starter kit = XARS8D18W + ZARC01 + ZARC02	XARSK8D18W	143145
Starter kit = XARS8D18H + ZARC01 + ZARC02	XARSK8D18H	145115
Starter kit = XARS12D18W + ZARC01 + ZARC02	XARSK12D18W	142895
Starter kit = XARS12D18H + ZARC01 + ZARC02	XARSK12D18H	141323
Basic features – 8 pushbuttons - LEDs	ZART8L	51949
Basic features – 8 pushbuttons - Display	ZART8D	59795
Extended features – 12 pushbuttons	ZART12D	60173
12 outputs wired connection – cable gland	ZARB12W	56881
12 outputs – industrial plug connection	ZARB12H	60993
18 outputs wired connection – cable gland	ZARB18W	63829
18 outputs – industrial plug connection	ZARB18H	65915
Charger	ZARC01	6278
Shoulder belt	ZARC02	6453
External antenna	ZARC03	17797
Holder	ZARC04	2506
Connector plug female with cable 1.5m	ZARC05	20231
Cable gland kit with wire grommets	ZARC06	255
Kit of adhesive labels in B/W for remote device	ZARC07	1154
Kit of adhesive labels in colour for remote device and crane equipment	ZARC08	4737
Kit silent block for ZARB base station	ZARC09	14257
Connector plug female with cable 3m	ZARC12	34896
Connector plug female with cable 5m	ZARC18	52170

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

## XAC-A Type

For Control Circuits

- Complete Stations IP657
- Double Insulated
- "Small Hoist" applications

Control station composition	Mechanical interlocking	Contact composition	Reference	Unit LP [₹]
<b>For Single Hoist Motors</b>				
2 pushbuttons	With mechanical interlocking	1 NO	XACA201	3953
		1 NC + 1 NO	XACA205	4166
2 booted pushbuttons	With mechanical interlocking	1 NO	XACA211	3991
		1 NC + 1 NO	XACA215	4549
<b>For Single-Speed Motors</b>				
2 pushbuttons	With mechanical interlocking	1 NO	XACA271 <input checked="" type="checkbox"/>	4053
		1 NC + 1 NO	XACA281 <input checked="" type="checkbox"/>	4564
4 pushbuttons	With mechanical interlocking Between pairs	1 NO	XACA471 <input checked="" type="checkbox"/>	5169
		1 NC + 1 NO	XACA481 <input checked="" type="checkbox"/>	5867
6 pushbuttons	With mechanical interlocking Between pairs	1 NO	XACA671 <input checked="" type="checkbox"/>	6040
		1 NC + 1 NO	XACA681 <input checked="" type="checkbox"/>	7457
8 pushbuttons	With mechanical interlocking Between pairs	1 NO (for 7 operators)	XACA871 <input checked="" type="checkbox"/>	7074
		1 NO (for 8 operators)		
		1 NC + 1 NO	XACA881 <input checked="" type="checkbox"/>	8849

## Joystick Controllers

Description	Legend plate without text	Legend plate Price	Reference	Unit LP [₹]
XD2-P (One Step in Each Position) Dia. 22mm				
2-Direction Stay-Put	ZD2-GY2201	103	XD2PA12	4488
2-Direction Spring Return to Zero			XD2PA22 <input checked="" type="checkbox"/>	4156
4-Direction Stay-Put	ZD2-GY4201	123	XD2PA14	5133
4-Direction Spring Return to Zero			XD2PA24 <input checked="" type="checkbox"/>	5214
XD2-G (Two steps in each position) Dia. 22mm				
2 - Direction (2 notches with spring return to zero)	ZD2-GY5201	139	XD2GA8241	9964
2-Direction (1st notch stay-put, 2nd notch spring return to 1st)			XD2GA8251	9768
4-Direction spring (2 notches with spring return to zero)	ZD2-GY6201	146	XD2GA8441	13145
4-Direction (1st notch stay-put, 2nd notch spring return to 1st)			XD2GA8451	14097

## Foot Switch

Contacts Type and Composition	Reference	Unit LP [₹]
Insulated Enclosure 1 NC + 1 NO	XPEA110 <input checked="" type="checkbox"/>	4091

Please contact Customer Care Center for Stockable and Non stockable status of references.

 NORMAL STOCK ITEMS

W.E.F. March 12, 2018

# Telemecanique Sensors

Simply easy!™



## Wireless Limit Switch Solution



Wireless Limit Switch Solution (XCKW) suitable for applications where it is difficult to install and to mount cables.

## Improved Basic XS Inductive Sensor



Improved Inductive sensor range XS\_BL with

- >> EMC Immunity
- >> Better appearance with new cable connection design
- >> Better water-proofness
- >> Internal LED
- >> Laser tagging

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018



Optical Sensors

- XUB M18 Body
- 100mA (with overload and short circuit protection)

Principle of operation	Sensing Distance	Output	Reference	Unit LP [₹]
Diffuse	0.6 m	PNP NO	XUB5APANM12 <input checked="" type="checkbox"/>	2630
		PNP NO	XUB5BPANM12 (Metal) <input checked="" type="checkbox"/>	3510
		PNP NO	XUB5APANL2 <input checked="" type="checkbox"/>	2630
		PNP NO	XUB5BPANL2 <input checked="" type="checkbox"/>	3510
Polarised reflex	2m	PNP NO	XUB9APANM12 <input checked="" type="checkbox"/>	2790
		PNP NO	XUB9BPANM12	3460
		PNP NO	XUB9APANL2	2950
Fixed Diffuse	100 mm	PNP NO	XUB4APANL2	2550
			XUB4APANM12 <input checked="" type="checkbox"/>	2550
			XUB4BPANM12 (Metal)	3170
Reflex	4 m	PNP NO	XUB4ANBNL2	2550
			XUB1APANL2 (Without Reflector)*	2550
			XUB1APANM12	2550
			XUB1BPANM12 (Metal)	3170
Receiver Thru Beam	15 m	PNP NC	XUB1APBNL2 (Without Reflector)*	2550
			XUB2APANL2R	2260
			XUB2AKSNL2T	1530
Receiver Thru Beam	15m	PNP NO	XUB2AKSNM12T	1530
			XUB2BKSNM12T (Metal)	1970
Receiver Thru Beam	15m	PNP NO	XUB2APANM12R	2260
Transmitter Thru Beam			XUB2BPANM12R (Metal)	3040
			XUB2AKSNL2T	1530

Note :

1. L2 stands for sensors with 2m cable
4. M12 stand for universal connectors.

Principle of operation	Sensing range	Connection	Reference	Unit LP [₹]
Cylindrical M18				
Multi Mode	> 0...20 m	Cable 2 m	XUB0APSNL2	5020
Multi Mode	> 0...20 m	Connector	XUB0APSNM12	5160
Multi Mode	> 0...20 m	Connector	XUB0BPSNM12 (Metal)	5250

Principle of operation	Sensing Distance	Output	Reference	Unit LP [₹]
COMPACT 50 x 50 mm				
Reflex	7 m	AC/DC 1C/O Relay	XUK1ARCNL2	4920
Diffuse	1 m	AC/DC 1C/O Relay	XUK5ARCNL2	4920
Reflex polarized	5 m	AC/DC 1C/O Relay	XUK9ARCNL2	5400
Multimode	30 m	pnp/npn no/nc	XUK0AKSAL2	6610
Multimode	30 m	AC/DC 1C/O Relay	XUK0ARCTL2	7590
Compact 92 x 71 mm				
Diffuse	2.1 m	AC/DC 1C/O relay	XUX5ARCNT16	6570
Reflex Polarized	11 m	AC/DC 1C/O relay	XUX9ARCNT16	6700
Reflex	14 m	AC/DC 1C/O relay	XUX1ARCNT16	6000
Thru beam transmitter		AC/DC	XUX0ARCTT16T	5840
Multimode	1.3 m...40 m	PNP/NPN NO/NC	XUX0AKSAT16	9980
Multimode	1.3 m...40 m	AC/DC 1C/O relay	XUX0ARCTT16	10500

\*Reflector to be ordered separately.

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018



Principle of operation	Sensing range	Connection	Reference	Unit LP [₹]
XUM – Miniature Single Mode • Material: Plastic • Wiring technique: 3 wire • Output Type: PNP • 1No or 1NC Programmable • Supply Circuit Type: DC • Degree of protection - IP67				
Polarised Reflex	> 1...5 m	Cable 2 m	XUM9APCNL2 <input checked="" type="checkbox"/>	2590
Polarised Reflex	> 1...5 m	Connector	XUM9APCNM8 <input checked="" type="checkbox"/>	2590
Diffuse	> 0.3...1 m	Cable 2 m	XUM5APCNL2 <input checked="" type="checkbox"/>	2440
Diffuse	> 0.3...1 m	Connector	XUM5APCNM8	2490
Thru beam - Transmitter	15M	Cable	XUM2AKCNL2T <input checked="" type="checkbox"/>	2170
XUM – Miniature Multi Mode • Material: Plastic • Wiring technique: 3 wire • OutPut Type: PNP • 1No or 1NC Programmable • Supply Circuit Type: DC • Degree of protection - IP67				
Multi Mode	> 0...10 m	Cable 2 m	XUM0APSAL2	5420

XUK Colour Sensors



- Supply Voltage 10..30 VDC
- Teach Button Sensitivity Adjustment
- 3 Wire
- IP 65

Principle of operation	Sensing Distance	Output	Reference	Unit LP [₹]
Diffuse contrast sensor	19 mm	PNP NO	XUKR1PSMM12	11200

Fixing Bracket

Description	Reference	Unit LP [₹]
For XUB	XUZA118	650
For XUK	XUZA51	540

Reflector (mm)

Description	Reference	Unit LP [₹]
24 x 21	XUZC24	840
50 x 50	XUZC50 <input checked="" type="checkbox"/>	860
80 (dia)	XUZC80 <input checked="" type="checkbox"/>	1130
100 x 100	XUZC100 <input checked="" type="checkbox"/>	1220

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

OsiSense XU



SN [mm]	Light Mode	Output	Connection	Reference	Unit LP [₹]
Fork Sensor					
30mm	Red LED	PNP,[NO]	2m Cable	XUVR0303PANL2	5000
50mm	Red LED	PNP,[NO]	M8 Connector	XUVR0605PANM8	6100

Fiber Design Amplifier

- 3 Wire DC, Teach Mode



Depending on fiber	-	PNP NO/NC programmable	2M Cable	XUDA2PSML2 <input checked="" type="checkbox"/>	10070
--------------------	---	------------------------	----------	--	-------

XU.8 Background Suppression

SN [m]	Body Type	Output	Connection	Reference	Unit LP [₹]
1m	Compact 50x50	PNP/NPN,NO/NC programmable	2m Cable	XUK8AKSNL2	6150
1m	Compact 50x50	PNP/NPN,NO/NC programmable	M12 Connector	XUK8AKSNM12 <input checked="" type="checkbox"/>	6150
0.3m	Miniature	PNP NO/NC programmable	2m Cable	XUM8APCNL2 <input checked="" type="checkbox"/>	3710

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

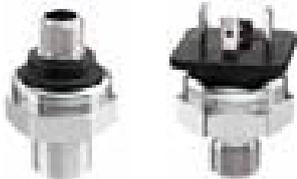
Electromechanical Pressure Switches



Description	Pressure Range	Reference	Unit LP [₹]
Electromechanical pressure switches for control circuit			
<ul style="list-style-type: none"> <li>• Suitable for air, fresh water, sea water</li> <li>• Adjustable differential</li> <li>• 1 C/O single pole contact</li> <li>• G 1/4 (BSP female) fluid connection</li> <li>• Mechanical durability - 1 x 10<sup>6</sup> operating cycles</li> </ul>			
Setting screw external	1-6 bar	XMAV06L2135	2460
Adjustable range of rising pressure	1.3-12 bar	XMAV12L2135	2500
	3.5-25 bar	XMAV25L2135	3080
Electromechanical pressure switches for power circuits			
<ul style="list-style-type: none"> <li>• Suitable for fresh water &amp; sea water</li> <li>• Adjustable differential</li> <li>• 2 pole 2 N/C contact</li> <li>• Degree of protection - IP20</li> <li>• G 1/4 (BSP female) fluid connection</li> </ul>			
Adjustable range of rising pressure 1.4 - 4.6 bar		FSG2 <input checked="" type="checkbox"/>	1050
Electromechanical pressure switches (Nautilus)			
<ul style="list-style-type: none"> <li>• Conforming to IEC/EN 60947-5-1</li> <li>• 1 C/O single pole contact (4 terminal) snap action with setting scale</li> </ul>			
<b>Fixed differential</b>			
0.4 to 4 bar		XMLA004A2S11 <input checked="" type="checkbox"/>	8300
0.7 to 20 bar		XMLA020A2S11 <input checked="" type="checkbox"/>	6160
1.5 to 35 bar		XMLA035A2S11 <input checked="" type="checkbox"/>	6160
5 to 70 bar		XMLA070D2S11 <input checked="" type="checkbox"/>	6780
<b>Adjustable differential</b>			
0.25 to 4 bar		XMLB004A2S11 <input checked="" type="checkbox"/>	8970
1.3 to 20 bar		XMLB020A2S11 <input checked="" type="checkbox"/>	8970
3.5 to 35 bar		XMLB035A2S11	8970
7 to 70 bar		XMLB070D2S11	9610

XMLP Pressure Transmitter

- For Hydraulic Oil, air, fresh water, sea water, gas & Refrigeration fluids



Pressure Range	Output	Connection	Reference	Unit LP [₹]
0 to 10 bar	4-20mA	DIN 43650	XMLP010BC21V <input checked="" type="checkbox"/>	6280
0 to 400 bar	4-20mA	DIN 43650	XMLP400BC22	6470
0 to 400 bar	0-10V	M12	XMLP400BD72	6590

Note: 10,16, 25, 40, 60, 100, 250, 400 and 600 , bar version available in stock

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

XCKD Limit Switches



- Metal body
- Conforming to IEC60947-5-1, EN60947-5-1, UL 508, CSA
- C22-2 n°14 standards
- Degree of Protection - IP67
- Tapped entry for n°11 cable gland
- 2 pole N/O + N/C, snap action contact available as standard (3 output contacts also available in same size and replaceable at site)

Description	number of Poles	Reference	Unit LP (₹)
Steel roller plunger - 1 NC + 1 NO		XCKD2102G11 <input checked="" type="checkbox"/>	1390
Cat's whisker - 1 NC + 1 NO		XCKD2106G11	1450
Steel end plunger - 1 NC + 1 NO		XCKD2110G11	1130
Thermoplastic roller lever - 1 NC + 1 NO		XCKD2118G11 <input checked="" type="checkbox"/>	1300
Thermoplastic roller lever plunger, horizontal direction - 1 NC + 1 NO		XCKD2121G11 <input checked="" type="checkbox"/>	1550
Thermoplastic adjustable roller lever - 1 NC + 1 NO		XCKD2145G11 <input checked="" type="checkbox"/>	1450
<b>Sub-assemblies Metal Bodies for XCKD</b>			
Body ZCD 1 NC + 1 NO Snap Action	2	ZCD21 <input checked="" type="checkbox"/>	1710
Body ZCD 2 NC + 1 NO Snap Action	3	ZCD39	2020
<b>Gland and Head for ZCD Bodies</b>			
Cable gland entry Pg 11 - metal body		ZCDEG11	145
Head for Limit switch - ZCE without operating lever		ZCE01 <input checked="" type="checkbox"/>	470
Steel roller plunger		ZCE02 <input checked="" type="checkbox"/>	640
Cat's whisker		ZCE06	770
Steel end plunger		ZCE10	350
Thermoplastic roller lever plunger, horizontal direction		ZCE21 <input checked="" type="checkbox"/>	700
Thermoplastic roller lever ZCY		ZCY18*	135
Steel roller lever ZCY		ZCY19*	430
Variable length thermoplastic roller lever		ZCY45* <input checked="" type="checkbox"/>	420
*To be used with head ZCE01			
<b>Contact block for ZCD bodies</b>			
1NO + 1NC	2	XE2SP2151 <input checked="" type="checkbox"/>	550
1NO + 2NC	3	XE3SP2141	1250

XCK-M Limit Switches



- 1 NO + 1 N/C with positive opening operation
- Heavy duty oil-tight to IP 665
- Up to 20 million operations

Description	Reference	Unit LP (₹)
<b>Body</b>		
Body - 1 NC + 1 NO - terminals	ZCKM1 <input checked="" type="checkbox"/>	1230
Spare contacts	XE2SP2151 <input checked="" type="checkbox"/>	550
For ordering complete limit switches, please select body and head listed above		
<b>Head</b>		
Head - steel roller plunger	ZCKD02 <input checked="" type="checkbox"/>	670
Head - cat's whisker	ZCKD06 <input checked="" type="checkbox"/>	680
Head - spring rod lever	ZCKD08 <input checked="" type="checkbox"/>	670
Head - steel end plunger	ZCKD10 <input checked="" type="checkbox"/>	360
Delrin roller lever head	ZCKD15 <input checked="" type="checkbox"/>	810
Delrin roller lever plunger head	ZCKD21 <input checked="" type="checkbox"/>	670
Steel roller lever plunger head	ZCKD23	880
Variable length Delrin roller lever	ZCKD41 <input checked="" type="checkbox"/>	700

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

XCK-P Thermoplastic



Conforming to IEC 947-5-1  
 Degree of Protection - IP 653  
 Double insulated  
 Class II conforming to IEC 536  
 15 million mechanical durability  
 1 NO+1 NC 2 pole snap action contacts with positive opening

Description	Reference	Unit LP [₹]
Steel roller plunger - 1 NC + 1 NO	XCKP2102G11 <input checked="" type="checkbox"/>	1070
Cat's whisker - 1 NC + 1 NO	XCKP2106G11 <input checked="" type="checkbox"/>	1130
Steel end plunger - 1 NC + 1 NO	XCKP2110G11 <input checked="" type="checkbox"/>	800
Delrin roller lever <sup>(1)</sup>	XCKP2118G11 <input checked="" type="checkbox"/>	960
Delrin roller lever plunger, horizontal direction - 1 NC + 1 NO	XCKP2121G11 <input checked="" type="checkbox"/>	1130
Delrin roller lever plunger, vertical direction - 1 NC + 1 NO	XCKP2127G11 <input checked="" type="checkbox"/>	1180
Adjustable roller lever - 1 NC + 1 NO (1) (Variable Length)	XCKP2145G11 <input checked="" type="checkbox"/>	1070
Spare contact block	XE2SP2151 <input checked="" type="checkbox"/>	550

**Note :** 1 tapped entry for size 11 cable gland  
 (1) Adjustable through 360° in 5 steps

XCMD Metal, compact



Conforming to IEC 947-5-1  
 IP 67 conforming to IEC 529  
 Pre-cabled, 5 x 0.75 mm<sup>2</sup>  
 Single pole 1 C/O contact, snap action

Description	Reference	Unit LP [₹]
Steel roller plunger	XCMD2102L1 <input checked="" type="checkbox"/>	2390
Metal end plunger	XCMD2110L1 <input checked="" type="checkbox"/>	2070
Thermoplastic roller lever	XCMD2115L1 <input checked="" type="checkbox"/>	2200

XCK - J Metal



1NO + 1NC  
 Snap action  
 Positive opening operation  
 30 million operations  
 Heavy Duty Oil Tight to IP 667  
 Accuracy = 0.01 mm

Description	Reference	Unit LP [₹]
Head - without operating lever - Rotary head	ZCKE05 <input checked="" type="checkbox"/>	1380
Head - cat's whisker	ZCKE06 <input checked="" type="checkbox"/>	1390
Head - spring rod lever	ZCKE08 <input checked="" type="checkbox"/>	1390
Head - steel roller lever	ZCKE23	2250
Head - metal end plunger	ZCKE61	1090
Head - reinforced end plunger	ZCKE67 <input checked="" type="checkbox"/>	1740
Body - 1 NC + 1 NO - terminals	ZCKJ1 <input checked="" type="checkbox"/>	1630
Body - 2 OC - terminals 2 NO + 2 NC	ZCKJ2 <input checked="" type="checkbox"/>	2770
Steel roller lever	ZCKY13 <input checked="" type="checkbox"/>	360
Delrin roller lever Ø 50 mm	ZCKY41 <input checked="" type="checkbox"/>	480
Nylon round rod Ø 6 mm	ZCKY59 <input checked="" type="checkbox"/>	300
spare contacts	XE2SP2151 <input checked="" type="checkbox"/>	550

**Note:**

- For ordering complete Limit Switches, please select body, head and, if necessary, roller listed above

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

Tiger Limit Switches

XCJ-Thermoplastic



Conforming to IEC 947-5-1  
Degree of Protection - IP 54  
10 Million Mechanical durability  
Operating frequency 7200 ops/hr  
Light Duty application

Description	type of Approach	Reference	Unit LP (₹)
Steel roller plunger - 1OC	For lateral cam movement	XCJ102 <input checked="" type="checkbox"/>	750
Steel roller plunger	For transverse cam movement	XCJ103 <input checked="" type="checkbox"/>	750
Steel end plunger	Vertical cam approach	XCJ110 <input checked="" type="checkbox"/>	670
Short flat roller lever plunger	One way operation	XCJ121	620
Short flat lever plunger		XCJ125	490
Long flat lever plunger		XCJ126 <input checked="" type="checkbox"/>	560
short roller lever plunger - flat		XCJ127 <input checked="" type="checkbox"/>	560
Long roller lever plunger - flat		XCJ128 <input checked="" type="checkbox"/>	590

XCE-Metal Zinc Alloy



Conforming to IEC 947-5-1  
Degree of Protection - IP 65  
15 Million Mechanical durability  
Operating frequency 7200 ops/hr  
Medium Duty application

Description	Reference	Unit LP (₹)
Steel roller plunger for lateral cam movement	XCE102 <input checked="" type="checkbox"/>	1090
Steel end plunger	XCE110 <input checked="" type="checkbox"/>	1020
Thermoplastic roller lever	XCE118 <input checked="" type="checkbox"/>	1120
Variable length thermoplastic roller lever	XCE145 <input checked="" type="checkbox"/>	1240
Round rod Ø3 mm steel rod	XCE154	1210
Spring rod lever	XCE181	1190

XCKN Limit Switches



Plastic body  
Conforming to IEC60947-5-1, EN60947-5-1, UL 508, CSA  
C22-2 n°14 standards  
Degree of Protection - IP65  
Tapped entry for n°11 cable gland  
2 pole N/C + N/O, snap action

Description	Type of Approach	Reference	Unit LP (₹)
Steel roller plunger - 1 NC + 1 NO	Lateral cam approach 2 directions	XCKN2102G11 <input checked="" type="checkbox"/>	750
Cat's whisker - 1 NC + 1 NO	Multi-directional approach	XCKN2106G11 <input checked="" type="checkbox"/>	780
Spring lever - 1 NC + 1 NO	Multi-directional approach	XCKN2108G11 <input checked="" type="checkbox"/>	890
Steel end plunger - 1 NC + 1 NO	Vertical approach 1 direction	XCKN2110G11 <input checked="" type="checkbox"/>	550
Thermoplastic roller lever - 1 NC + 1 NO	Lateral approach 2 directions	XCKN2118G11 <input checked="" type="checkbox"/>	620
Thermoplastic roller lever plunger, horizontal direction - 1 NC + 1 NO	Lateral approach 1 direction	XCKN2121G11 <input checked="" type="checkbox"/>	780
Variable length adjustable roller lever - 1 NC + 1 NO	Lateral approach 2 directions	XCKN2145G11 <input checked="" type="checkbox"/>	750
Variable length adjustable Thermoplastic roller lever Ø 50 mm - 1 NC + 1 NO	Lateral approach 2 directions	XCKN2149G11 <input checked="" type="checkbox"/>	850

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

XCMN Limit Switches



Miniature design  
 Conforming to IEC60947-5-1, EN60947, UL 508, CSA C22-2 n°14 standards  
 Degree of Protection - IP65  
 Plastic body with metal head  
 1 metre PVR cable supplied as standard (4 x 0.75mm<sup>2</sup>)  
 2 pole N/C + N/O, snap action contact  
 Mechanical durability - 5 million operating cycles

Description	Reference	Unit LP [₹]
Steel roller plunger for lateral cam approach	XCMN2102L1 <input checked="" type="checkbox"/>	1520
Cat's whisker - 1 NC + 1 NO	XCMN2106L1	1610
Steel end plunger	XCMN2110L1	1240
Thermoplastic roller lever - 1 NC + 1 NO	XCMN2115L1	1370
roller lever plunger - 1 NC + 1 NO - one direction actuation	XCMN2121L1	1610
Thermoplastic adjustable roller lever - 1 NC + 1 NO	XCMN2145L1	1560

XCKMR (Metal) Limit Switches



For Hoisting & material handling Application  
 3 Cable Entry

Type of Operator	Contact Type	Cable Entry	Reference	Unit LP [₹]
With Cruciform metal rod	2x2 pole NC + NC Staggered	M20 x 1.5	XCKMR54D1H29 <input checked="" type="checkbox"/>	8860
With Cruciform metal rod	2x2 pole NC + NC Staggered	PG 13 Cable Gland	XCKMR54D1 <input checked="" type="checkbox"/>	8990

XCKVR (Plastic) Limit Switch



Type of Operator	Contact Type	Cable Entry	Reference	Unit LP [₹]
With cruciform metal rod	2x2 pole NC+NC staggered	M20x1.5	XCKVR54D1H29 <input checked="" type="checkbox"/>	4040

Conveyor Belt Shift Monitoring Switches



Type of Operator	tripping Angle	Reference	Unit LP [₹]
Spring return roller zinc plated steel with lever for corrosive atmosphere	10° fault signalling 18° stopping of the conveyor belt	XCRT115	12660
Spring return roller stainless steel with lever	10° fault signalling 18° stopping of the conveyor belt	XCRT215	17860
Spring Return steel roller lever	23° Stopping of the Conveyor Belt (1 C/O)	XCKJ105217H29	3290

**Note:**

- Accuracy = 0.05 mm
- 3 cable entries tapped for CM10 cable glands

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

XCKM.LC Metal



1NO + 1NC Snap action  
10 millions operations  
Heavy Duty Oil tight IP66, IK05

Operation type	Connection	Reference	Unit LP [₹]
Metal end plunger	Pg11	XCKM110LC <input checked="" type="checkbox"/>	680
Metal end plunger	M20	XCKM110H29LC	660
Steel roller plunger	PG11	XCKM102LC <input checked="" type="checkbox"/>	680
Steel roller plunger	M20	XCKM102H29LC	810
Steel roller lever	Pg11	XCKM116LC <input checked="" type="checkbox"/>	710
Steel roller lever	M20	XCKM116H29LC	730
Steel roller lever Horizontal actuation	Pg11	XCKM2023LC <input checked="" type="checkbox"/>	710
Steel roller lever Horizontal actuation	M20	XCKM2023H29LC	720

XCKJ.LC



1NO + 1NC  
Snap action  
10 million operations  
Heavy Duty Oil Tight to IK07, IP66, IP67

Operation Type	Connection	Reference	Unit LP [₹]
Metal end plunger	M20	XCKJ161H29LC <input checked="" type="checkbox"/>	1290
Metal end plunger	Pg 13.5	XCKJ161LC <input checked="" type="checkbox"/>	980
Steel roller plunger	M20	XCKJ167H29LC <input checked="" type="checkbox"/>	1010
Steel roller plunger	Pg 13.5	XCKJ167LC <input checked="" type="checkbox"/>	1010
Thermoplastic roller lever	M20	XCKJ10511H29LC	1050
Thermoplastic roller lever	Pg13.5	XCKJ10511LC	1030
Steel roller lever	M20	XCKJ10513H29LC <input checked="" type="checkbox"/>	1080
Steel roller lever	Pg13.5	XCKJ10513LC <input checked="" type="checkbox"/>	1080
Var.length Thermoplastic roller lever	M20	XCKJ10541H29LC	1010
Var.length Thermoplastic roller lever	Pg13.5	XCKJ10541LC	1010
Polyamide 6 mm rod lever	M20	XCKJ10559H29LC	1130
Polyamide 6 mm rod lever	Pg.13.5	XCKJ10559LC <input checked="" type="checkbox"/>	1130
Var.length Steel roller lever	M20	XCKJ10543H29LC <input checked="" type="checkbox"/>	1030
Var.length Steel roller lever	Pg13.5	XCKJ10543LC <input checked="" type="checkbox"/>	1030

XCK-T Thermoplastic



Conforming to IEC 947-5-1  
Degree of Protection - IP 653  
Double insulated  
Class II conforming to IEC 536  
15 Million Mechanical durability  
1 NO+1 NC 2 pole snap action contacts with positive opening

Description	Reference	Unit LP [₹]
Steel roller plunger - 1 NC + 1 NO	XCKT2102G11	1350
Steel end plunger - 1 NC + 1 NO	XCKT2110G11	1060
Delrin - roller lever plunger, horizontal direction - 1 NC + 1 NO	XCKT2121G11	1350

Note : 2 tapped entries for size 11 cable glands  
(1) Adjustable through 360° in 5 steps

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

Wireless and Batteryless OsiSense XCKW



Uses Zigbee® protocol for best-in-class communication performance  
 Up to 100m distance in open field  
 Up to 32 transmitters per receiver (ZBRRD and ZBRRD receivers)  
 Top performance with access point receiver:

- Through Modbus serial
- Through Modbus/TCP protocol

Operation	Reference	Unit LP [₹]
Metal end plunger	XCKW101	8640
Steel roller plunger	XCKW102	8830
Plastic roller lever	XCKW131	8930
Elastomer roller Ø 50mm lever	XCKW139	9310
Variable length roller lever	XCKW141	8930
Variable length elastomer roller Ø 50mm lever	XCKW149	9220
Plastic round Ø 6mm lever	XCKW159	8260
Pack composed of transmitter XCKW102 and receiver ZBRRD	XCKWD02	14210
Pack composed of transmitter XCKW131 and receiver ZBRRD	XCKWD31	14400

Safety Detection Solution



Guard Switch, Actuator Operated  
 Plastic, Turret Head  
 Mechanical Durability = >1 Million operating cycle  
 NC contact with positive opening

Operation	Cable Entry	Reference	Unit LP [₹]
3 Pole NC+ NC + NO - Snap Action	Pg 11	XCSPA491	2280
2 Pole NC + NO - Break Before Make, Slow Break	Pg 11	XCSPA591	1730
2 Pole NC + NO - Break Before Make, Slow Break	½" NTP	XCSPA592 <input checked="" type="checkbox"/>	1700
2 Pole NC + NC - Slow Break	Pg 11	XCSPA791	1700
2 Pole NC + NC - Slow Break	½" NTP	XCSPA792	1700
3 Pole NC+ NO + NO - Slow Break (2NO Staggered)	Pg11	XCSTA591 <input checked="" type="checkbox"/>	2110

XCS LE /LF Safety Solenoid Interlock



Body Type	Contacts	Voltage	Locking	Reference	Unit LP [₹]
Metal	NO + NC	24V AC/DC	On de-energisation	XCSLF2525312	12440
Plastic	NO + NC	24V AC/DC	On de-energisation	XCSLE2525312 <input checked="" type="checkbox"/>	10370
Plastic	NC + NC + NO	24V AC/DC	On de-energisation	XCSLE3737312	12550

XCSDM Safety coded Magnetic Switch



Contact*	Body Size	Connection	Reference	Unit LP [₹]
2-pole 1 NC + 1 NO (staggered)	Compact 51 x 16 x 7	2m Cable	XCSDMC5902 <input checked="" type="checkbox"/>	3610
2-pole 1 NO + 1 NO (staggered)	Compact 51 x 16 x 7	2m Cable	XCSDMC7902	3670
2-pole 1 NC + 1 NO (staggered)	Standard 88 x 25 x 13	2m Cable	XCSDMP5902	3130
2-pole 1 NO + 1 NO (staggered)	Standard 88 x 25 x 13	2m Cable	XCSDMP7902	3190
3-pole 1 NC + 1 NO + 1 NO (staggered)	Standard 88 x 25 x 13	M12 Connector	XCSDMP700L01M12	4620
3-pole 1 NC + 1 NO + 1 NO (staggered)	Standard 88 x 25 x 13	M12 Connector	XCSDMP701L01M12	4890
2-pole 1 NC + 1 NO (staggered)	Cylindrical D=30, L= 38.5	M12 Connector	XCSDMR590L01M12	4430

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

Specifications: Metal/Plastic Body, Precabled, Universal M8, M12 connector, Sensing Distance: Upto 15 mm

[Sn] nominal sensing distance	Sensor design	Discrete output function	Discrete Output type	Reference	Unit LP [₹]
Three Wire Metal 12-24V DC, Flush Mountable - Threaded					
1.5mm	M8	1 NO	NPN	XS108BLNAL2	1150
			PNP	XS108BLPAL2 <input checked="" type="checkbox"/>	1010
				XS108BLPAM12 <input checked="" type="checkbox"/>	1140
				XS108BLPAM8	1040
Three Wire Metal 12-24V DC, Non Flush Mountable - Threaded					
2.5mm	M8	1 NO	NPN	XS208BLNAL2 <input checked="" type="checkbox"/>	1210
			PNP	XS208BLPAL2 <input checked="" type="checkbox"/>	1170
				XS208BLPAM12	1180
Three Wire Metal 12-24V DC, Flush Mountable - Threaded					
2mm	M12	1NC	PNP	XS112BLPBL2 <input checked="" type="checkbox"/>	1100
			NPN	XS112BLNAL2 <input checked="" type="checkbox"/>	930
		1 NO	NPN	XS112BLNAM12	1110
			PNP	XS112BLPAL2 <input checked="" type="checkbox"/>	910
				XS112BLPAM12 <input checked="" type="checkbox"/>	910

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

Specifications : Metal/Plastic Body, Precabled, Universal M8, M12 connector, Sensing Distance: Upto 15mm

[Sn] nominal sensing distance	Sensor design	Discrete output function	Discrete Output type	Reference	Unit LP [₹]
Two Wire - 12-240V AC Metal, Flush Mountable - Threaded					
Three Wire Metal 12-24V DC, Non Flush Mountable - Threaded					
4 mm	M12	1 NC	NPN	XS212BLNBL2 <input checked="" type="checkbox"/>	1150
			PNP	XS212BLPBL2 <input checked="" type="checkbox"/>	1120
		1 NO	NPN	XS212BLNAL2	930
			NPN	XS212BLNAM12	1290
			PNP	XS212BLPAL2 <input checked="" type="checkbox"/>	910
			PNP	XS212BLPAL5	1100
PNP	XS212BLPAM12	930			
Three Wire Metal 12-24V DC, Flush Mountable - Threaded					
5 mm	M18	1NC	PNP	XS118BLPBL2	1240
			NPN	XS118BLNAL2 <input checked="" type="checkbox"/>	930
		1 NO	NPN	XS118BLNAM12	1310
			NPN	XS118BLPAL2 <input checked="" type="checkbox"/>	930
			PNP	XS118BLPAL5	1150
PNP	XS118BLPAM12 <input checked="" type="checkbox"/>	960			
Three Wire Metal 12-24V DC, Non Flush Mountable - Threaded					
8 mm	M18	1 NO	NPN	XS218BLNAL2 <input checked="" type="checkbox"/>	930
				XS218BLNAL5	1590
				XS218BLNAM12	1430
			PNP	XS218BLPAL2 <input checked="" type="checkbox"/>	910
				XS218BLPAL5	1100
PNP	XS218BLPAM12 <input checked="" type="checkbox"/>	930			

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

Specifications : Metal/Plastic Body, Precabled, Universal M8, M12 connector, Sensing Distance: Upto 15mm

[Sn] Nominal sensing distance	Sensor design	Discrete Output function	Discrete Output type	Reference	Unit LP [₹]
Three Wire Metal 12-24V DC, Flush Mountable - Threaded					
10mm	M30	1NC	PNP	XS130BLPBL2	1670
			NPN	XS130BLNAL2 <input checked="" type="checkbox"/>	1620
		1 NO	PNP	XS130BLPAL2 <input checked="" type="checkbox"/>	1030
				XS130BLPAM12	1660
Three Wire Metal 12-24V DC, Non Flush Mountable - Threaded					
15mm	M30	1NC	PNP	XS230BLPBL2	1060
			NPN	XS230BLNAL2	1650
		1 NO	PNP	XS230BLPAL2 <input checked="" type="checkbox"/>	1010
				XS230BLPAL5	1220
			XS230BLPAM12	1670	

**Note :**

1. L2 stands for sensors with 2m cable
2. L5 stands for sensors with 5m cable
3. L10 stands for sensors with 10m cable
4. M8 & M12 stand for universal connectors.
5. Connectors to be ordered separately.

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

Extended Sensing Range

[Sn] Nominal sensing distance	Sensor design	Discrete Output function	Discrete Output type	Reference	Unit LP [₹]
Three Wire Metal 10-36V DC, Flush Mountable - Threaded					
2.5 mm (Length 51 mm)	M8	1 NO	PNP	XS608B1PAL2	2940
2.5 mm (Length 51 mm)	M8	1 NO	PNP	XS608B1PAM12 <input checked="" type="checkbox"/>	2760
4 mm (Length 53 mm)	M12	1 NO	PNP	XS612B1PAL2 <input checked="" type="checkbox"/>	2440
4 mm (Length 53 mm)	M12	1 NO	PNP	XS612B1PAM12 <input checked="" type="checkbox"/>	2260
8 mm (Length 62 mm)	M18	1 NO	PNP	XS618B1PAL2 <input checked="" type="checkbox"/>	2680
8 mm (Length 62 mm)	M18	1 NO	PNP	XS618B1PAM12 <input checked="" type="checkbox"/>	2550
15 mm (Length 62 mm)	M30	1 NO	PNP	XS630B1PAL2 <input checked="" type="checkbox"/>	3200
15 mm (Length 62 mm)	M30	1 NO	PNP	XS630B1PAM12 <input checked="" type="checkbox"/>	3040
Three Wire Metal 12-24V DC, Flush Mountable - Threaded					
4 mm	M12	1 NO	PNP	XS112B3PAL2	1780
				XS112B3PAM12 <input checked="" type="checkbox"/>	1670
Three Wire Metal 12-24V DC, Flush Mountable - Threaded					
8 mm	M18	1 NO	PNP	XS118B3PAL2	1970
				XS118B3PAM12	1850
Three Wire Metal 12-24V DC, Flush Mountable - Threaded					
15 mm	M30	1 NO	PNP	XS130B3PAM12	2070

Multi Current/Multi Voltage sensor for AC/DC Application  
2 Wire, Supply voltage 20...264 LED Out Put State Indicator

[Sn] Nominal sensing distance	Sensor design	Discrete Output function	Reference	Unit LP [₹]
4 mm	M12	NO	XS612B1MAL2 <input checked="" type="checkbox"/>	3680
8 mm	M18	NO	XS618B1MAL2 <input checked="" type="checkbox"/>	3680
15 mm	M30	NO	XS630B1MAL2 <input checked="" type="checkbox"/>	4040
Multi Current/Multi voltage Sensor for AC/DC Application 2 wire connection Supply voltage 20...264 V				
Flush-Non flush mountable via teach mode				
25 mm	40 x 40 x 15	AC/DC NO	XS8C1A1MAL2	7690
60 mm	80 x 80 x 26	AC/DC NO	XS8D1A1MAL2	10060

Speed Rotation Monitoring Proximity Switches

[Us] Rated Supply voltage	Switching capacity	Wiring technique	[Sn] Sensing distance	Operating zone	Adjustable Freq. Impulse/min	Reference	Unit LP [₹]
24...210 V DC	5...200 mA DC	2-wire AC/DC	10 mm	0...8 mm	6...150	XSAV11801 <input checked="" type="checkbox"/>	10670
24...240 V AC 50/60 Hz	5...350 mA AC				120...3000	XSAV12801 <input checked="" type="checkbox"/>	10670
12...48 V DC	≤ 200 mA overload and short-circuit protection	3-wire DC PNP	10 mm	0...8 mm	6...150	XSAV11373 <input checked="" type="checkbox"/>	10190
					120...3000	XSAV12373 <input checked="" type="checkbox"/>	10190

Accessories

Description	sensor Design	Reference	Unit LP [₹]
Fixing for cylindrical sensor	m18	XSZB118	570

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

XS Flat Type [Inductive Sensors]

Rated Supply voltage-12...24V DC



Description	Output Function	Switching capacity in mA	[Sn] Sensing distance	Reference	Unit LP [₹]
Flat form 40x40x15	PNP [NO], 3-wire	<=100 mA	Flush-15mm	XS7C1A1PAL2	2690
Flat form 80x80x26	PNP [NO], 3-wire	<=100 mA	Flush-40mm	XS7D1A1PAL2	3740
Flat form 40x40x15	PNP [NO], 3-wire	<=200mA	Non-Flush-25mm	XS8C1A1PAL2	6990
Flat form 80x80x26	PNP [NO], 3-wire	<=200mA	Non-Flush-60mm	XS8D1A1PAL2	7180



XS Cubic C2 Form



XS Turret Form

Sensing range	Output	Connection	Reference	Unit LP [₹]
<b>XS Cubic C2 Form</b>				
15mm	1 NO	Terminal	XS7C2A1PAM12	2590
20mm	1 NO + 1NC	Terminal	XS8C2A1PCM12	2940
40mm	1 NO + 1NC	Terminal	XS8C2A4PCM12 <input checked="" type="checkbox"/>	3380
<b>XS Turret Form</b>				
15 mm	1NO + 1 NC programmable	Terminals	XS7C4A1DPG13	3980
15 mm	1NO + 1 NC programmable	Terminals	XS7C4A1MPG13 <input checked="" type="checkbox"/>	4500
20mm	1NO+ 1NC	Terminals	XS8C4A1PCG13 <input checked="" type="checkbox"/>	4130
20mm	1NO+ 1NC	Terminals	XS8C4A1PCP20	5100
20mm	1NO + 1 NC programmable	Terminals	XS8C4A1DPG13	6580
20mm	1NO + 1 NC programmable	Terminals	XS8C4A1MPG13	5060
20mm	1NO + 1 NC programmable	Terminals	XS8C4A1MPP20	5060
20mm	1NO + 1 NC programmable	Terminals	XS8C4A1MPG13	5060

XT Capacitive sensor

Sensing range	Output	Connection	Reference	Unit LP [₹]
8mm	1 NO	2M Cable	XT218A1PAL2	2700
8mm	1NC + NO	M12 Connector	XT218A1PCM12 <input checked="" type="checkbox"/>	2680
15mm	1NO	2M Cable	XT230A1PAL2 <input checked="" type="checkbox"/>	2950
15mm	1NO + 1 NC	M12 connector	XT230A1PCM12	3030

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

OsiSense Ultrasonic XX



3 wire connection  
Supply voltage 10-28 V DC  
Plastic case

[Sn] Nominal Sensing Distance	Sensor Design	discrete Output Function	Reference	Unit LP [₹]
50 cm	M18	PNP NO	XX518A3PAM12	8630
1 m	M30	PNP NO	XX6V3A1PAM12 <input checked="" type="checkbox"/>	10440

Sensors with analogue output for DC application

4 wire connection  
Supply voltage 10..28 V DC  
M12 Connector  
Plastic Case

8 m	M30	4..20 mA	XX930A3A2M12	24710
-----	-----	----------	--------------	-------

OsiSense XX



Ultrasonic Sensor for monitoring 2 levels

Sensing Distance	Output	Connection	Reference	Unit LP [₹]
0.5m	PNP [NO]	M12	XX218A3PHM12	11000



Connector Type	Connection	Shape	Length	Reference	Unit LP [₹]
Osi Sense XZ PUR cable Industrial high end use Nominal Current 4A Matt Black Colour Operation temperature -35 .. +90OC IP 67					
PUR Pre-wired connector	M8, 3 pins	Straight	2m	XZCP0566L2	590
PUR Pre-wired connector	M8, 3 pins	Straight	5m	XZCP0566L5	850
PUR Pre-wired connector	M8, 3 pins	Elbowed	5m	XZCP0666L5	850
PUR Pre-wired connector	M8, 4 pins	Straight	2m	XZCP0941L2	680
PUR Pre-wired connector	M8, 4 pins	Straight	5m	XZCP0941L5	850
PUR Pre-wired connector	M8, 4 pins	Elbowed	2m	XZCP1041L2	680
PUR Pre-wired connector	M8, 4 pins	Elbowed	5m	XZCP1041L5	850
PUR Pre-wired connector	M12, 4 pins	Straight	2m	XZCP1141L2 <input checked="" type="checkbox"/>	620
PUR Pre-wired connector	M12, 4 pins	Straight	5m	XZCP1141L5 <input checked="" type="checkbox"/>	850
PUR Pre-wired connector	M12, 4 pins	Elbowed	2m	XZCP1241L2 <input checked="" type="checkbox"/>	670
PUR Pre-wired connector	M12, 4 pins	Elbowed	5m	XZCP1241L5 <input checked="" type="checkbox"/>	810
Osi Sense XZ PVC Cable • General use • Nominal Current 3A • Grey Colour • Operating temperature -25..+80°C • IP 65					
PVC Pre-wired connector	M8, 3 pins	Straight	2m	XZCPV0566L2	530
PVC Pre-wired connector	M8, 3 pins	Straight	5m	XZCPV0566L5	540
PVC Pre-wired connector	M8, 3 pins	Elbowed	5m	XZCPV0666L5	550
PVC Pre-wired connector	M8, 4 pins	Straight	2m	XZCPV0941L2 <input checked="" type="checkbox"/>	570
PVC Pre-wired connector	M8, 4 pins	Straight	5m	XZCPV0941L5	620
PVC Pre-wired connector	M8, 4 pins	Elbowed	2m	XZCPV1041L2	560
PVC Pre-wired connector	M8, 4 pins	Elbowed	5m	XZCPV1041L5	640
PVC Pre-wired connector	M12, 4 pins	Straight	2m	XZCPV1141L2 <input checked="" type="checkbox"/>	435
PVC Pre-wired connector	M12, 4 pins	Straight	5m	XZCPV1141L5 <input checked="" type="checkbox"/>	550
PVC Pre-wired connector	M12, 4 pins	Elbowed	2m	XZCPV1241L2 <input checked="" type="checkbox"/>	435
PVC Pre-wired connector	M12, 4 pins	Elbowed	5m	XZCPV1241L5 <input checked="" type="checkbox"/>	540
Osi Sense XZ Connector • Protection IP67 • Connection Type Screw Threaded					
Male connector	M12, 4 Pin	Straight		XZCC12MDM40B	350
Male connector	M12, 4 Pin	Elbowed		XZCC12MCM40B	350
Male connector	M12, 5 Pin	Straight		XZCC12MDM50B	790
Male connector	M12, 5 Pin	Elbowed		XZCC12MCM50B	790
Female connector	M12, 4 Pin	Straight		XZCC12FDM40B	350
Female connector	M12, 4 Pin	Elbowed		XZCC12FCM40B <input checked="" type="checkbox"/>	350

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

# Let TeSys be your drive

## Intuitive solutions to protect, monitor and control your motor

TeSys offers the best in class features you need for protection, safety, monitoring and control of motor and power applications. TeSys matches a diverse range of solutions from the most common through the most advanced. Wherever you are in the world, and whichever TeSys products you choose like contactors, circuit breakers, thermal relays, among others, you can count on receiving the reliability, standards-compatibility, ease of ordering and installation you need.



### Boosts your productivity

- **Make installation easier**
  - > The widest range of installation accessories available.
  - > Intuitive installation.
- **Optimize the organization of your switchboards**
  - > Compact solutions.
  - > Low heat dissipation.
- **Increase service continuity**
  - > Total coordination.
  - > Communication and preventive maintenance.

### Improves safety

- **Equip your machines with TeSys products**
  - > Integrated safety features.
  - > Compliance with international standards.

### Adapts to any situation

- **Discover a wide range of protection and control products**
  - > The right response for the applications you need.
  - > A solution for each electrical function.
- **Export your machines worldwide**
  - > A single product lineup and identical part numbers worldwide.
- > Multi-standard products IEC/UL/CSA/CCC.

### Simplifies smart installation design

- **Choose the right products quickly and easily**
  - > Motor starters selection software available
  - > [www.schneider-electric.com](http://www.schneider-electric.com)
- **Recommend supervision and control solutions**
  - > Preventive maintenance
  - > Energy management
- **Extend motor lifetime**
  - > High-performance advanced protection
  - > Energy efficiency



## Efficient power for your business

According to new regulations coming into force in the EU, from 1 January 2015 motors from 7.5 kW to 375 kW must be IE3 compliant. **By implementing IE3 motors now, you are preparing for the future.**

With the TeSys range, you know that your operations are ready for premium-efficiency motors. You also benefit directly from lower energy and life-cycle costs as well as a reduced environmental impact.



**-50%**  
CONTACTOR  
POWER  
CONSUMPTION

### Best-in-class solutions for motors

With TeSys you can introduce premium-efficiency motors to your machinery with peace of mind. Tested for magnetic, thermal, and electrical endurance, the TeSys range has proven fully compatible with IE3 motors and ready for a higher peak inrush current.

Best-in-class TeSys products include:

- A complete range of equipment, including contactors, circuit breakers, thermal relays
- Energy efficiency and reduced CO<sup>2</sup> emissions thanks to a low consumption coil
- A high level of safety and reliability thanks to a robust, quality design
- Ease of selection, installation, and maintenance with no need for derating
- Worldwide availability and support



### Go greener with TeSys

All TeSys products are certified with the Green Premium eco-mark, a standard implemented by Schneider Electric to provide comprehensive information on the environmental impact of a product.

The Green Premium mark assures compliance with the most up-to-date environmental regulations, including RoHS and REACH. With TeSys you can develop an effective environmental policy, as the range offers technical support and advice for eco-design projects.



## Control Relays - K model (AC & DC Control)



- Conformance IEC, UL, CSA, CE Marking
- Inbuilt 4 auxiliary contacts
- 10A thermal rating
- Available with AC (50/60Hz Dual frequency), DC & DC low consumption coil options

No of Poles	AC Control Reference	Unit LP [₹]	DC Control Reference <sup>(4)</sup>	Unit LP [₹]	DC low consumption Reference <sup>(1) (2) (3)</sup>	Unit LP [₹]
2NO + 2NC	CA2KN22*	1100	CA3KN22**	1540	CA4KN22***	1870
3NO + 1NC	CA2KN31*		CA3KN31**		CA4KN31***	
4NO + 0NC	CA2KN40*		CA4KN40***			

(1) Compatible with PLC outputs

(2) Wide range coil (0.7...1.25Uc), suppressor fitted as standard

(3) 2 pole auxiliary contact block can be mounted additionally

(4) Optional in-built surge suppressor available

## Power Contactors - K model (3 Pole AC & DC Control)



- Conformance to IEC, UL, CSA
- Current Rating : 6A to 16 A, AC-3 duty
- 1NO or 1NC inbuilt auxiliary contact
- Available in 3P & 4P version
- Available with AC (50/60Hz Dual frequency), DC & DC low consumption<sup>(5)</sup> coil options

[Ie] Rated Operational Current (A)	Motor Power (kW)	Auxiliary Contacts	AC Control Reference	Unit LP [₹]	DC Control Reference <sup>(5)</sup>	Unit LP [₹]
6	3	1 NC	LC1K0601*	980	LP1K0601**	1450
		1 NO	LC1K0610*		LP1K0610**	
9	5.5	1 NC	LC1K0901*	1020	LP1K0901**	1620
		1 NO	LC1K0910*		LP1K0910**	
12	7.5	1 NC	LC1K1201*	1130	LP1K1201**	1780
		1 NO	LC1K1210*		LP1K1210**	
16	10	1 NC	LC1K1601*	1350	-	-
		1 NO	LC1K1610*		-	-

(5) For low consumption offer, please contact regional sales office

## Reversing Contactors - K model



- Conformance to IEC, UL, CSA, CE
- Current Rating : 6A to 16 A, AC-3 duty
- 1NO or 1NC inbuilt auxiliary contact
- Available in 3P & 4P version
- Available with AC(50/60Hz Dual frequency), DC & DC low consumption<sup>(6)</sup> coil options

[Ie] Rated Operational Current (A)	Motor Power (kW)	Auxiliary Contacts	AC Control Reference	Unit LP [₹]
6	3	1 NC	LC2K0601*	3040
		1 NO	LC2K0610*	
9	5.5	1 NC	LC2K0901*	3210
		1 NO	LC2K0910*	
12	7.5	1 NC	LC2K1201*	3310
		1 NO	LC2K1210*	
16	10	1 NC	LC2K1601*	3710
		1 NO	LC2K1610*	

\* Reference to be completed by adding coil voltage code

(6) For current rating and ref please contact Customer Care

## Coil Voltage Code

Type	Voltage	24	48	72	110	220	415
CA2KN, LC1-K06 to K16, 50/60Hz		B7	-	-	F7	M7	N7
	LC2-K06 to K16, 50/60Hz	-	-	-	F7	M7	N7
CA3KN, LP1-K06 to K12		BD	-	-	FD	MD	-
CA4KN		BW3	EW3	SW3	-	-	-

**Note:** For ordering contactors with other coil voltages & frequencies, please add ₹ 190/- to the unit Price of the standard contactor of the same rating.

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

## Accessories - K Model

Description	Mounting	Contacts	Reference	Unit LP [₹]		
auxiliary contact block	Front	2 NC	LA1KN02	350		
		1 NO + 1 NC	LA1KN11 <input checked="" type="checkbox"/>			
		2 NO	LA1KN20			
		4 NC	LA1KN04	550		
		1 NO + 3 NC	LA1KN13			
		2 NO + 2 NC	LA1KN22 <input checked="" type="checkbox"/>			
		3 NO + 1 NC	LA1KN31			
				4 NO	LA1KN40	

Description	Control Voltage	Range	Reference	Unit LP [₹]
On Delay Electronic Timer	24..48 V AC/DC	1..30S	LA2KT2E(1)	1820
	110..240 V AC	1..30S	LA2KT2UA(1)	

Description	Coil Voltage	Reference	Unit LP [₹]
Surge Suppressor - RC Circuit	220..250V AC	LA4KA1U*	560
Surge Suppressor - Varistor	130..250 V AC/DC	LA4KE1UG*	
Surge Suppressor - Varistor	50..129V AC/DC	LA4KE1FC*	

\* Lot size 5

(1) Front mounted with common point changeover contact

## Thermal Overload Relays - K Model (Direct Mounting)



- Conformance to IEC, UL, CSA, CE
- Range : 0.1A to 16A
- Direct & Independent mounting
- Trip class 10A

thermal Protection Adjustment Range	For Use With	Reference*	Unit LP [₹]	
0.11...0.16 A	LC1K, LP1K, LP4K, LP2K, LC2K	LR2K0301	1560	
0.16...0.23 A		LR2K0302		
0.23...0.36 A		LR2K0303		
0.36...0.54 A		LR2K0304		
0.54...0.8 A		LR2K0305		
0.8...1.2 A		LR2K0306		
1.2...1.8 A		LR2K0307		
1.8...2.6 A		LR2K0308		
2.6...3.7 A		LR2K0310		
3.7...5.5 A		LR2K0312		
5.5...8 A		LR2K0314		
8...11.5 A		LR2K0316		
10...14 A		LR2K0321		1600
12...16 A		LR2K0322		

\* **Note:** Terminal Block for Clip-on Mounting LA7K0064 Unit LP ₹ 600/-

Please contact Customer Care Center for Stockable and Non stockable status of references.

**NORMAL STOCK ITEMS**

W.E.F. March 12, 2018

# TeSys D and TeSys K S207: best-in-class contactors for railway applications

Designed to comply with  
railway EN45545 R22HL3 regulation

**Contactors dedicated to main or urban line trains,  
high speed trains, underground trains or trams:  
brake and air conditioning compressors, lighting,  
door control.**

- Complete 3P range from 6A to 95A AC3
- 4P range upto 125A AC1
- Complying with the main international railway standards
- Wide range coil: 0.7...1.25 Uc
- From -25°C to 70°C side by side mounted
- Lug ring terminals
- Compact and modular
- Robust

EN45545  
R22HL3  
standard  
Now available  
from 40A - 95A  
AC3



• TeSys D S207



• TeSys K S207





# TeSys D Green

## The Revolutionary Electronic Coil Contactor



**New**  
80A AC3  
offer available  
in 55mm frame



3 frame sizes	9 to 18A	25 to 38A	40 to 80A
	24 to 60V	48 to 130V	
4 coil ratings	110 to 250V		250 to 500V
	Universal AC/DC coil		
Low consumption offer 40-65A			

-  Reliability - increase machine uptime
-  Efficiency - increase energy efficiency
-  Productivity - easier integration with automation architectures
-  Flexibility - easier design and streamlining of stock

## Control Relays - D model (AC & DC Control)



- Conformance to IEC, UL, CSA
- 5 inbuilt auxiliary contacts, in just 2 variants
- Available with AC (50/60Hz Dual frequency), DC & DC low consumption coil options
- High Operating ambient temperature upto 60 Deg C
- Inbuilt surge suppressor for DC & DC low consumption

No of Poles	AC Control Reference	Unit MRP [₹]	DC Control Reference <sup>(2)</sup>	Unit MRP [₹]	DC low consumption Reference <sup>(1) (2) (3)</sup>	Unit MRP [₹]
3NO+2NC	CAD32*	1200	CAD32**	1750	CAD32***	2080
5NO+0NC	CAD50*		CAD50**		CAD50***	

(1) Compatible with PLC outputs

(2) Wide range coil (0.7...1.25Uc), suppressor fitted as standard

(3) 2 pole auxiliary block can be mounted

## Power Contactors - D Model (3 Pole AC & DC Control)



- Conformance to IEC, UL, CSA
- Current Rating : 9A to 150 A
- Available with AC (50/60Hz Dual frequency), DC & DC low consumption coil options
- High Operating ambient temperature, no derating upto 60 Deg C
- Inbuilt 1 NO + 1 NC auxiliary contacts upto 150A
- High electrical and mechanical life
- Fuse-less Type 2 Coordination Charts available
- EverLink® terminal for 40, 50, 65 & 80A contactors
- Inbuilt surge suppressor in DC coil for 9-80A

[e] Rated Operational Current AC1	AC3 Duty (Long Life)			AC3 Duty (Normal Life)			Auxiliary Contacts	AC Control Reference	Unit MRP [₹]	DC Control Reference <sup>(1)</sup>	Unit MRP [₹]
	kW	hP	A	kW	hP	A					
25	4	5.5	9	5.5	7.5	12	1 NO + 1 NC	LC1D09* <input checked="" type="checkbox"/>	1200	LC1D09** <input checked="" type="checkbox"/>	1870
	5.5	7.5	12	9	12.5	18	1 NO + 1 NC	LC1D12* <input checked="" type="checkbox"/>	1350	LC1D12** <input checked="" type="checkbox"/>	2030
32	9	12.5	18	11	15	25	1 NO + 1 NC	LC1D18* <input checked="" type="checkbox"/>	1500	LC1D18** <input checked="" type="checkbox"/>	2600
40	11	15	25	15	20	32	1 NO + 1 NC	LC1D25* <input checked="" type="checkbox"/>	1950	LC1D25** <input checked="" type="checkbox"/>	3250
50	15	20	32	22	30	40	1 NO + 1 NC	LC1D32* <input checked="" type="checkbox"/>	3850	LC1D32** <input checked="" type="checkbox"/>	6900
	18.5	25	38	-	-	-	1 NO + 1 NC	LC1D38* <input checked="" type="checkbox"/>	5600	LC1D38** <input checked="" type="checkbox"/>	7850
60	22	30	40	-	-	-	1 NO + 1 NC	LC1D40A* <input checked="" type="checkbox"/>	6000	LC1D40A**	9200
80	25	35	50	-	-	-	1 NO + 1 NC	LC1D50A* <input checked="" type="checkbox"/>	7250	LC1D50A**	11500
80	37	50	65	-	-	-	1 NO + 1 NC	LC1D65A* <input checked="" type="checkbox"/>	9900	LC1D65A**	13000
80	37	50	80	-	-	-	1 NO + 1 NC	LC1D80A* <input checked="" type="checkbox"/>	11000	LC1D80A*	15800

[e] Rated Operational Current AC1	AC3 Duty (Long Life)			AC3 Duty (Normal Life)			Auxiliary Contacts	AC Control Reference	Unit LP [₹]	DC Control Reference <sup>(1)</sup>	Unit LP [₹]
	kW	hP	A	kW	hP	A					
125	45	60	80	55	75	105	1 NO + 1 NC	LC1D80* <input checked="" type="checkbox"/>	13000	LC1D80**	16000
	45	60	95	55	75	110	1 NO + 1 NC	LC1D95*	15000	LC1D95**	18500
250	59	80	115	-	-	-	1 NO + 1 NC	LC1D115*	18500	LC1D115**	19500
	80	110	150	-	-	-	1 NO + 1 NC	LC1D150* <input checked="" type="checkbox"/>	24500	LC1D150**	25000

\* Reference to be completed by adding coil voltage code

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

# TeSys D

## Power Contactors - D Model (3 Pole DC Low Consumption)

Now available upto 80A with the TeSys D Green Low Consumption offer

[Ie] Rated Operational Current AC1	Motor Power (Long Life) AC3			Motor Power (Normal Life) AC3			Auxiliary contacts	Reference	Unit LP [₹]
	kW	hP	A	kW	hP	A			
25	4	5.5	9	5.5	7.5	12	1 NO + 1 NC	LC1D09**** <input checked="" type="checkbox"/>	2160
	5.5	7.5	12	9	12.5	18	1 NO + 1 NC	LC1D12**** <input checked="" type="checkbox"/>	2300
32	9	12.5	18	11	15	25	1 NO + 1 NC	LC1D18**** <input checked="" type="checkbox"/>	3400
40	11	15	25	15	20	32	1 NO + 1 NC	LC1D25**** <input checked="" type="checkbox"/>	4400
50	15	20	32	22	30	40	1 NO + 1 NC	LC1D32**** <input checked="" type="checkbox"/>	7500
[Ie] Rated Operational Current AC1	Motor Power (Long Life) AC3			Motor Power (Normal Life) AC3			Auxiliary contacts	Reference	Unit LP [₹]
	kW	hP	A	kW	hP	A			
60	22	30	40	-	-	-	1 NO + 1 NC	LC1D40A#	9600
80	25	35	50	-	-	-	1 NO + 1 NC	LC1D50A#	11900
80	37	50	65	-	-	-	1 NO + 1 NC	LC1D65A#	13200
80	37	50	80	-	-	-	1 NO + 1 NC	LC1D80A#	15900

\* Reference to be completed by adding coil voltage code

### Coil Voltage Code

Type	Voltage	24	48	72	110	220	415
AC*	CAD, LC1-D09..to D150 50/60 Hz	B7	-	-	F7	M7	N7
DC**	CAD, LC1-D09..D150	BD	-	-	FD	MD	-
DC Low Consumption***	CAD	BL	-	-	FL	ML	-
DC Low Consumption****	LC1D09...D32	BL	EL	SL	-	-	-
TeSys D Green#	LC1D40A-80A	BBE					

For ordering contactors with other coil voltages & frequencies, please add ₹ 190/- to the unit Price of the Standard Contactor for the same rating.

## Tesys D Green Contactor (3 Pole AC/DC Universal Coil)



- Current Rating: 9-65A
- Universal AC/DC coil from 24 - 500V
- Special low consumption offer from 40-80A
- Fuse-less Type 2 coordination charts available

## The Revolutionary Electronic Coil Con

[Ie] Rated Operational Current AC1	AC3 Duty (Long Life)			AC3 Duty (Normal Life)			Auxiliary Contacts	Reference	Unit LP [₹]
	kW	hP	A	kW	hP	A			
25	4	5.5	9	5.5	7.5	12	1 NO + 1 NC	LC1D09*	2750
	5.5	7.5	12	9	12.5	18	1 NO + 1 NC	LC1D12*	2880
32	9	12.5	18	11	15	25	1 NO + 1 NC	LC1D18*	3850
40	11	15	25	15	20	32	1 NO + 1 NC	LC1D25*	4550
50	15	20	32	22	30	40	1 NO + 1 NC	LC1D32*	9000
	18.5	25	38	-	-	-	1 NO + 1 NC	LC1D38*	9900
60	22	30	40	-	-	-	1 NO + 1 NC	LC1D40A*	10900
80	25	35	50	-	-	-	1 NO + 1 NC	LC1D50A*	12000
80	37	50	65	-	-	-	1 NO + 1 NC	LC1D65A*	13600
80	37	50	80	-	-	-	1 NO + 1 NC	LC1D80A*	15800

[Ie] Rated Operational Current AC1	AC3 Duty (Long Life)			AC3 Duty (Normal Life)			Auxiliary Contacts	Reference	Unit LP [₹]
	kW	hP	A	kW	hP	A			
60	22	30	40	-	-	-	1 NO + 1 NC	LC1D40A****	9600
80	25	35	50	-	-	-	1 NO + 1 NC	LC1D50A****	11900
80	37	50	65	-	-	-	1 NO + 1 NC	LC1D65A****	13200
80	37	50	80	-	-	-	1 NO + 1 NC	LC1D80A****	15900

### Coil Voltage Code

Type	Voltage	24-60VAC/DC	48-130VAC/DC	100-250VAC/DC	250-415VAC/250-500VDC
AC/DC*	LC1D09 - D38, LC1D40A - 80A	BNE	EHE	KUE	
24V DC Low Consumption**	LC1D40A - 80A	BBE (24 V DC only)			

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

## Power Contactors - D Model (4 Pole AC & DC Control)



- Conformance to IEC, UL, CSA
- Current Rating : 20A to 250A, AC1 Rating
- Available with AC (50/60Hz Dual frequency), DC & DC low consumption (1) coil options
- High Operating ambient temperature, no derating upto 60° C

[Ie] Rated Operational Current AC1	Poles Composition	AC control Reference	Unit MRP [₹]	DC control Reference	Unit MRP [₹]
20	4NO	-	-	LC1DT20**	1920
	2NO+2NC	-	-	LC1D098**	2290
25	4NO	-	-	LC1DT25**	2430
	2NO+2NC	-	-	LC1D128**	3210
32	4NO	-	-	LC1DT32**	2890
	2NO+2NC	-	-	LC1D188**	3830
40	4NO	-	-	LC1DT40**	4530
	2NO+2NC	-	-	LC1D258**	5960
60	4NO	-	-	LC1DT60A**	9510
	2NO+2NC	-	-	LP1D40008**	11860

[Ie] Rated Operational Current AC1	Poles Composition	AC control Reference	Unit LP [₹]	DC control Reference	Unit LP [₹]
80	4NO	-	-	LC1DT80A**	14190
	2NO+2NC	-	-	LP1D65008**	16030
125	4NO	-	-	LP1D80004**	17710
	2NO+2NC	-	-	LP1D80008**	20200
250	4NO	LC1D1150046*	23180	LC1D1150046**	25620

\* Reference to be completed by adding coil voltage code

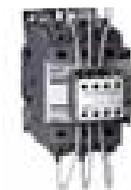
VOLTAGE	24	110	220	415
LC1D115 50/60Hz	-	F7	M7	N7
LC1DT20..LC1DT80* , LC1D09*..LC1D25* , LP1D40..LP1D80* , LC1D115*	BD	FD	MD	-

Please contact CCC for 4 Pole Ac coil contactor details

For ordering contactors with other coil voltages & frequencies, please add ₹ 190/- to the unit price of the standard contactor of the same rating.

(1) For current rating and ref please contact Customer Care

## Capacitor Duty Contactors (AC Control)



- Conformance to IEC 60070 and 60831, CSA
- Special Contactors designed for switching of 3 Phase, single or multi step capacitor bank#
- Current limiting using block of early make poles and damping resistors
- Inbuilt auxiliary contacts

Nominal Reactive Power 440 V	Auxiliary Contacts	Reference	Unit MRP [₹]
<b>LC1-D*K - with Damping Resistors &amp; Block of Early Make poles</b>			
12.5 KVAR	1 NO + 2 NC	LC1DFK*	2600
16.7 KVAR	1 NO + 1 NC	LC1DGK11*C	3650
20 KVAR	1 NO + 2 NC	LC1DLK*	4100
25 KVAR	1 NO + 1 NC	LC1DMK11*C	4500
33.3 KVAR	1 NO + 2 NC	LC1DPK*C	9800
40 KVAR	1 NO + 2 NC	LC1DTK*C	13500
60 KVAR	1 NO + 2 NC	LC1DWK*C	15200

#Contactor recommended upto 6 steps. For over 6 steps it is recommended to use chokes

\* Reference to be completed by adding coil voltage code

VOLTAGE	110	220
LC1DFK....DWK, 50/60Hz	F7	M7

**Note:** For ordering contactors with other coil voltages & frequencies, please add ₹ 190/- to the unit price of the standard contactor of the same rating.

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

Description	For use with	Reference	Unit LP [₹]
<b>Power connection accessories</b>			
Terminal block	For supply to one or more GV2 G busbar sets	GV1G09	1350
Set of 63 A busbars for parallelling of contactors	2 contactors LC1 D09...D18 or D25...D38	GV2G245	1010
	4 contactors LC1 D09...D18 or D25...D38	GV2G445	1600
Set of 115 A busbars for parallelling of contactors	2 contactors LC1 D40A...D80A	GV3G264	1820
	3 contactors LC1 D40A...D80A	GV3G364 (1)	970
Set of S-shape busbars	For circuit breakers GV3P** & GV3L** and contactors LC1 D40A...D65A	GV3S	730

\*\*Not applicable for GV3P/GV3L 73A and 80A

Description	For use with	Reference	Unit LP [₹]
<b>Mechanical interlock</b>	LC1 D09 to D38 (1)	LAD9V2	480
	LC1 D40A to D65A (1)	LAD4CM	980
	LC1 D80 and D95 ( for AC control voltage) (2)	LA9D4002	2140
	LC1 D80 and D95 (for DC control voltage) (2)	LA9D8002	3200
	LC1 D115 and D150 (2)	LA9D11502	3240

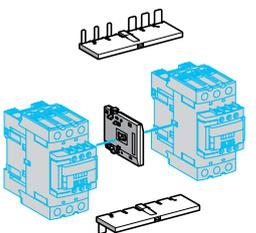
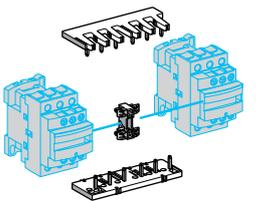
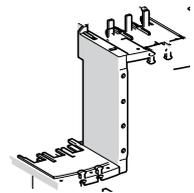
(1) With this set of busbars, any one contactor can be supplied directly by its EverLink® double cage power terminal block. The other two contactors are supplied by the busbar set. The 115 A limitation is therefore applied to these two contactors.

(2) With electrical interlock

Description	For use with	Reference	Unit LP [₹]
<b>Power Connection for Reversing</b>			
Kit Comprising : 1. a set of parallel bars 2. a set of reverser bars.	LC1 D09 to D38	LAD9V5 + LAD9V6	400+500
	LC1 D40A to D80A	LA9D65A69	2080
	LC1 D80 and D95 ( for AC control voltage)	LA9D8069	4460
	LC1 D80 and D95 (for DC control voltage)	LA9D8069	4460
	LC1 D115 and D150	LA9D11569	7420

Description	For use with	Reference	Unit LP [₹]
<b>Reversing Kit</b>			
Kit Comprising : 1. A mechanical interlock LAD 9V2 with electrical interlocking LAD 9V1 2. A set of power connections LAD 9V5 (parallel) and LAD 9V6 (reversing).	LC1 D09 to D38	LAD9R1V	1000
	Kit Comprising : 1. A mechanical interlock LAD 9V2 without electrical interlocking 2. A set of power connections LAD 9V5 (parallel) and LAD 9V6 (reversing).	LC1 D09 TO D38	LAD9R1
Kit Comprising : 1. a mechanical interlock LAD 4CM 2. a set of power connections LA9 D65A69.		LC1 D40A TO D80A	LAD9R3

Description	For use with	Reference	Unit LP [₹]
<b>Star Delta Kit</b>			
Time delay contact block LAD S2 (LC1 D09...D80),	LC1 D09 and D12	LAD91217	3760
Power circuit connections (LC1 D09...D80),	LC1 D18 to D32	LAD93217	4840
Hardware required for fixing the contactors onto the mounting plate (LC1D80)	LC1 D40A AND D50A	LAD9SD3	9780
	LC1 D80	LA9D8017	10860



LA9D8017

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

Description	time Delay Range	timer Type	Reference	Unit LP [₹]
On delay timer <sup>(1)</sup> <sup>(2)</sup>	15...30 s	on delay	LA4DT2U	2800
On delay timer <sup>(1)</sup> <sup>(2)</sup>	0.1...2 s	on delay	LA4DT0U	
On delay timer <sup>(1)</sup> <sup>(2)</sup>	25...500 s	on delay	LA4DT4U	
Relay interface module - 24V DC <sup>(1)</sup> <sup>(2)</sup>	-	-	LA4DFB	2580

(1) For LC1 D09...38A (3P, AC coils only) add mounting adaptor LAD4BB = ₹ 590/- and for LC1 D40A...65A (3P, AC coils only), add mounting adaptor LAD4BB3 = ₹ 500/-.

(2) For LC1D80...150 (3P), direct mounting, for 100-250 V AC Coils only.

Mounting Location	For Use With Contactor	Reference	Unit LP [₹]
<b>For D Model Mechanical Latch Blocks</b>			
Front, Clip-on	LC1 D09...D38 (a or c) LC1 DT20...DT40 (a or c) LC1 D40A...D65A (3P a or c) LC1DT60A AND DT80A (4P a or c)	LAD6K10*	3370
	LC1 D80...D150 (3P a) LC1 D80 AND D115 (3 P c) LC1 D80 (4 P a) LC1 D80 AND D115 (4 P a) LP1 D80 AND LC1 D115 (4 P c)	LA6DK20*	3520

\* Reference to be completed by adding coil voltage code

Note: For ordering Mechanical Latch Block with other coil voltages, please add ₹ 190/- to the unit price of the standard reference

VOLTAGE (AC/DC)	24	42/48	110/127	220/240	380/415
Code	B	E	F	M	Q

## Spare coils D model

Product Compatibility	Reference	Unit LP [₹]
<b>AC Coils</b>		
CAD, LC1-D09...D38, DT20..40	LXD1*	870
LC1D40A, D50A, D65A & LC1DT60A, DT80A	LXD3*	2340
D80 & D95 (3P & 4P)	LX1D6*	2430
LC1-D115, D150	LX1D8*	4770
<b>DC Coils</b>		
LC1-D80-D95	LX4D7**	7340
LC1-D115, D150	LX4D8**	8070

**Note:** For ordering coils with other voltages and frequencies, please add ₹ 190/- to the unit price of the respective standard coil.

\* Reference to be completed by adding coil voltage code

## Coil Voltage Code

TYPE	VOLTAGE (V)	24	110	220	415
AC*	CAD, LC1-D09...D38, DT20..40, LC1 - D150, LC1D40A, D50A, D65A & LC1DT60A, DT80A, LC1D150 LC1D80, D95, D115	B7	F7	M7	N7

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

## Accessories - D Model

description	For use with	Contacts	Reference	Unit LP [₹]	
<b>Add On Blocks</b>					
Additional instantaneous auxiliary contact blocks	LC1D09...LC1D150 & LC1F*	Front Mounted	1 NO+1NC	LADN11	330
			2 NO	LADN20 <input checked="" type="checkbox"/>	330
			2 NC	LADN02	390
			2 NO+2NC	LADN22 <input checked="" type="checkbox"/>	580
			4 NC	LADN04	650
			4 NO	LADN40 <input checked="" type="checkbox"/>	580
			1 NO+3NC	LADN13	580
	3 NO+1NC	LADN31 <input checked="" type="checkbox"/>	580		
	LC1D80..LC1D95 & LC1F	Front Mounted	1 NO	LADN10	210
			1 NC	LADN01	210

description	Contacts	Reference	Unit LP [₹]	
<b>Add On Blocks</b>				
Additional instantaneous auxiliary contact blocks	Side Mounted <sup>(1)</sup>	1 NO+1NC	LAD8N11	940
		2 NO	LAD8N20	940
Pneumatic timer blocks front mounted	ON delay	1 NO+1NC 0.1..3s	LADT0	2330
		1 NO+1NC 0.1..30s	LADT2	2330
		1 NO+1NC 10..180s	LADT4	2330
		1 NO+1NC 1..30s <sup>(2)</sup>	LADS2 <input checked="" type="checkbox"/>	2480
	OFF delay	1 NO+1NC 0.1 ..3s	LADR0	2330
		1 NO+1NC 0.1 ..30s	LADR2 <input checked="" type="checkbox"/>	2330
		1 NO+1NC 10..180s	LADR4	2330
Set of shins to be used with 4 pole contactors		LA9D511	910	

(1) Suitable for mounting on D Model range AC Coil Contactors and Control Relays only

(2) With Switching time of 40 ms between opening of the NC contact and closing of the NO contact recommended for Star - Delta Starters

## Accessories compatibility

Contactors		Instantaneous auxiliary contacts					Time delay Front mounted
Type	Number of poles and size	Side mounted	Front mounted				
			1 contact	2 contact	4 contacts		
AC & AC/DC	3P	LC1 D09...D38	1 on LH side	and -	1	or 1	or 1
		LC1 D40A...D80A	1 on LH or 1 on RH side	and -	1	or 1	or 1
		LC1 D80 and D95A (50/60 Hz)	1 on each side	or 2	and 1	or 1	or 1
		LC1 D80 and D95A (50 or 60 Hz)	1 on each side	and 2	and 2	or 1	or 1
	4P	LC1 D115 and D150	1 on LH side	and -	1	or 1	or 1
		LC1 DT20...DT40	1 on LH side	and -	1	or 1	or 1
		LC1 DT60A and DT80A	1 on LH or 1 on RH side	and -	1	or 1	or 1
		LC1 D40008, D65008 and D80	1 on each side	or 1	or 1	or 1	or 1
DC	3P	LC1 D09...D38	-	-	1	or 1	or 1
		LC1 D40A...D80A	-	-	1	or 1	or 1
		LC1 D80 and D95	-	1	or 1	or 1	or 1
		LC1 D115 and D150	1 on LH side	and -	1	or 1	or 1
	4P	LC1 DT20...DT40	-	-	1	or 1	or 1
		LC1 DT60A and DT80A	-	-	1	or 1	or 1
		LC1 D40008, D65008 and D80	-	2	and 1	or 1	or 1
		LC1 D115	1 on each side	-	and 1	or 1	or 1
LC (3)	3P	LC1 D09...D38	-	-	1	-	-
	4P	LC1 DT20...DT40	-	-	1	-	-

(3) LC : Low consumption

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

## Accessories for TeSys D

Description	For Use With	Reference	Unit LP [₹]
<b>For Contactor D115/150</b>			
arc chamber - 3P	LC1D115	LA5D11550	4190
arc chamber - 3P	LC1D150	LA5D15050	4190
contacts set - 3P	LC1D115	LA5D1158031	11050
contacts set - 3P	LC1D150	LA5D150803	11460
contacts set - 4P	LC1D1150046	LA5D115804	15240

product Compatibility	Fixing	Control Circuit Voltage	Suppressor Type	Reference	Unit LP [₹]
<b>Coil Suppressor Modules</b>					
LC1-D12...D25 (4P)	Clip-on	24...48 V AC	RC Circuit AC	LA4DA1E	860
LC1-D12...D25 (4P)		110...240 V AC	RC Circuit AC	LA4DA1U	860
LC1-D12 & D25 (4P)		12...250 V DC	Diode DC	LA4DC1U	860
LC1-D12...D25 (4P)		24...48 V AC/DC	Varistor AC/DC	LA4DE1E	860
-		110...250 V AC/DC	Varistor AC/DC	LA4DE1U	860
LC1D09...D38, LC2D09...D38, LC1DT20...DT40, LC2DT20...DT40 (3P)		24...48 V AC	Varistor AC/DC	LAD4VE	830
CAD		24...48 V AC 400 Hz	RC Circuit AC	LAD4RCE	830
		50...127 V AC 200 Hz	RC Circuit AC	LAD4RCG	750
		110...240 V AC 100 Hz	RC Circuit AC	LAD4RCU <input checked="" type="checkbox"/>	830
LC1D80, LC1D95, LC2D80, LC2D95 (3P) LC2D80 (4P), LC1D40008, LC1D65008		Screw	110...250 V AC	Varistor AC/DC	LAD4VU
LC1D80...D115, LC2D80...D115 (3P) LC1D80...D115, LC2D80...D115 (4P)	24...250 V DC		Diode DC	LA4DC3U	860
	24...48 V AC		Varistor AC/DC	LA4DE2E	820
	110...250 V AC		Varistor AC/DC	LA4DE2U	820
	24...48 V AC 400 Hz		RC Circuit AC	LA4DA2E	820
	50...127 V AC 200 Hz		RC Circuit AC	LA4DA2G	1300
	110...240 V AC 100 Hz		RC Circuit AC	LA4DA2U	860
	380...415 V AC 150 Hz		RC Circuit AC	LA4DA2N	1300
	24...48 V DC		Varistor AC/DC	LA4DE3E	860
	110...250 V DC		Varistor AC/DC	LA4DE3U	820

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

Modular marking system simplifies identification of standard contactors in the control panel to enhance visibility of the safety chain

## Simple, customisable modular marking system

### Standard TeSys D contactors

Easy-to-attach covers:



Auxiliary blocks for more contact points:



Flexibility to customise contactors included in the safety chain during panel building



Simpler and faster maintenance with 100% visibility



Safety covers and auxiliary blocks prevent screwdriver contact with poles

### Standard TeSys U motor starters

Translucent labels to identify safety-chain devices:



## Complete safety-chain identification system

### TeSys D range

Retrofit contactor safety covers



LAD9ET1S  
9A up to 65 A



LAD9ET3S  
80A to 95A



LAD9ET4S  
110A to 150A



LADN22S  
2NO + 2NC

Also available for CAD32/CAD50

### TeSys U range

Retrofit identification label



LU9ET1S

## Built in Safety

TeSys U motor starters are certified according to IEC 60947-4-1 for safety applications thanks to integrated mirror contact

Description	For Use with	Reference	Unit LP [₹]
Red cover (for safety chain indication)	LC1 D09...D80A and DT20...DT80A	LAD9ET1S	460
	LC1 D80 and D95	LAD9ET3S	
	LC1 D115 AND D150	LAD9ET4S	
Auxiliary Contact Block With red front face - for safety chain indication	2NO+2NC	LADN22S	660

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

# Overload relays for Motor Safety

New TeSys LR9D electronic overload relays  
provide motor safety tailored to your needs



## Thermal Overload Relays - D Model



- Conformance to IEC, UL, CSA
- Range : 0.1A to 104 A
- Higher operating temperature
- Tripping class 10A & 20A available
- Direct mounting on contactor is possible upto 95A

## Electronic Overload Relay - D Model



- Conformance to IEC, UL, CSA
- Range : 0.1A to 110A
- 5:1 Adjustment range
- High Operating Temperature
- Field selectable tripping class : 5, 10, 20 & 30
- Type 1 & type 2 Coordination chart available

thermal Protection Adjustment Range	For Use With	Reference*	Unit MRP [₹]
<b>LRD Model (Direct Mounting)</b>			
0.1...0.16 A		LRD01	1580
0.16...0.25 A		LRD02	
0.25...0.4 A		LRD03	
0.4...0.63 A		LRD04	
0.63...1 A		LRD05 <input checked="" type="checkbox"/>	
1...1.6 A	GV2L03, LE03,	LRD06 <input checked="" type="checkbox"/>	
1.6...2.5 A	LC1D09...LC1D38	LRD07 <input checked="" type="checkbox"/>	
2.5...4 A		LRD08 <input checked="" type="checkbox"/>	
4...6 A		LRD10 <input checked="" type="checkbox"/>	
5.5...8 A		LRD12 <input checked="" type="checkbox"/>	
7...10 A		LRD14 <input checked="" type="checkbox"/>	1750
9...13 A		LRD16 <input checked="" type="checkbox"/>	
12...18 A		LRD21 <input checked="" type="checkbox"/>	1800
16...24 A	GV2L22, LC1D25...D38	LRD22 <input checked="" type="checkbox"/>	1800
23...32 A	LC1D25...LC1D38, LC1D32	LRD32 <input checked="" type="checkbox"/>	2950
30...38 A	LC1D32, LC1D38	LRD35	
23...32 A	LC1D40A...D65A	LRD332	3250
30...40 A	LC1D80...LC1D95	LRD3353	
30...40 A	LC1D40A...D65A	LRD340	
30...40 A	LC1D80...LC1D95	LRD3355	
37...50 A	LC1D40A...D65A	LRD350 <input checked="" type="checkbox"/>	
	LC1D80...LC1D95	LRD3357	4200
48...65 A	LC1D40A...D65A	LRD365	5300
62...80 A	LC1D80A	LRD380	5780
48...65 A	LC1D80...LC1D95	LRD3359	5300

thermal Protection Adjustment Range	For Use With	Reference*	Unit LP [₹]
<b>LRD Model (Direct Mounting)</b>			
63...80 A	LC1D80...LC1D95	LRD3363	5900
80...104 A	LC1D80, LC1D95	LRD3365	7500

### Note:

- For LRD01...LRD35 - Terminal Block for clip-on Mounting LAD7B106 Unit LP: ₹ 560/-
- For LRD33\*\* - Terminal Block for clip-on Mounting LA7D3064  Unit LP: ₹ 1650/-
- For LRD332, LRD340, LRD350 & LRD365 - Connection block for separate mounting LAD96560 Unit LP: ₹ 1380/-
- The LRD relays can be used for AC or DC current up to 104 Amps
- For long starting, Class 20 relays are available on request.
- Device for remote tripping and electrical reset is available on request.

Current Range	For Use With	Reference*	Unit MRP [₹]
0.1...0.5A		LR9D01	6970
0.4...2.0A	LC1D09 - 38A	LR9D02	7290
1.6...8.0A	Direct Mounting	LR9D08	7290
6.4...32A		LR9D32	8360
22...110A	Separate Mounting	LR9D110S	12780

Note: For LR9D01 to LR9D32 - Terminal Block for Clip on Mounting LAD7B205. **Unit LP ₹. 700**

Please contact Customer Care Center for Stockable and Non stockable status of references.

**NORMAL STOCK ITEMS**

W.E.F. March 12, 2018

# A perfect fit for power switching



## TeSys F 1250 to 2600 A

**Designed for demanding power switching applications. The complete, robust TeSys™ F range keeps pace with demanding AC1 applications in wind power, solar and more.**

- Optimised size for reduced panel space
- Proven reliability & high electrical durability
- Wide operating temperature range: up to 60°C
- Type 1 & 2 coordination with Masterpact™ ACB
- Shared accessories with entire TeSys F range
- Drawer-mounted coils allow easy maintenance



Introducing the specially designed LC1SF1200\* Contactor for solar PV applications

## Power Contactors - F Model (3 Pole AC/DC Control)



- Conformity to International Standards – IEC, UL, CSA, CE
- High electrical life
- Type 2 Coordination Charts available
- Common accessories as Model D
- Rating : 115 - 2600 A, AC/DC Coils, special Hoisting application coils
- Shock Proof version and Magnetic latching contactor available

[Ie] Rated Operational Current AC1	Motor Power (Long Life) kW	Motor Power (Long Life) hP	AC3 A	Motor Power (Normal Life) kW	Motor Power (Normal Life) hP	AC3 A	Reference	Unit LP [₹]
200	59	80	115	80	110	150	LC1F115	15650
250	80	110	150	100	135	185	LC1F150	21500
275	100	135	185	110	150	205	LC1F185	25400
315	110	150	225	140	190	265	LC1F225	28300
350	140	190	265	160	220	300	LC1F265	33500
400	180	245	330	220	300	400	LC1F330	41000
500	220	300	400	250	340	450	LC1F400	45000
700	280	380	500	375	500	630	LC1F500	64000
1000	375	500	630	450	610	800	LC1F630	110200
1000	450	610	800				LC1F800	172000
1250	630	840	1000				LC1F1000	on Request

Note:

- Contactor reference does not include coil. Contactor coil & aux. contacts to be ordered separately.(Coil includes 1 NO contact)
- Please select coils from below table separately.

## Power Contactors - F Model (2 Pole & 4 Pole AC/DC Control)



- Conformity to International Standards – IEC, UL, CSA
- 2 and 4 pole versions available
- 240-1600 Amps in AC-1 duty , AC/DC coils
- Common accessories same as Model D
- High electrical life

[Ie] Rated Operational Current AC1	Power Pole Composition	Reference	Unit LP [₹]
200 A	4 NO	LC1F1154	26800
250 A	4 NO	LC1F1504	32590
275 A	4 NO	LC1F1854	40630
315 A	4 NO	LC1F2254	47950
350 A	4 NO	LC1F2654	53560
400 A	4 NO	LC1F3304	63660
500 A	2 NO	LC1F4002	45130
500 A	4 NO	LC1F4004	75090
700 A	2 NO	LC1F5002	66410
700 A	4 NO	LC1F5004	109640
1000 A	2 NO	LC1F6302	107830
1000 A	4 NO	LC1F6304	159350
1600 A	4 NO	LC1F7804	340060

Note:

- Contactor reference does not include coil. Contactor coil & aux. contacts to be ordered separately.(Coil includes 1 NO contact)
- Power terminals may be protected by the addition of shrouds, to be ordered separately.

[Ie] Rated Operational Current AC1	Reference	Unit LP [₹]
1250	LC1F1250	on Request
1700	LC1F1700	
2100	LC1F2100(1)	
2600	LC1F2600(2)	

- (1) With set of right-angled connectors LA9 F2100
- (2) with set of right-angled connectors LA9 F2600

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

## Coils F Model

Product compatibility	AC Coil Reference	Unit LP [₹]	DC Coil Reference <sup>(2)</sup>	Unit LP [₹]
LC1F115, LC1F150	LX9FF*	3250	LX4FF**	7250
LC1F185, LC1F225	LX9FG*	4500	LX4FG**	9650
LC1F265, LC1F330	LX1FH*	5600	LX4FH**	11750
LC1F400	LX1FJ*	11900	LX4FJ**	18600
LC1F500	LX1FK*	14200	LX4FK**	19200
LC1F630	LX1FL*	15700	LX4FL**	19900
LC1F780	LX1FX* (3)	37910	LX4FX** (3)	39820
LC1F800	(1)	-	LX4F8**	26900
LC1F1000, LC1F1700, LC1F2100	LX1FK*(3)	14200		
LC1F2600	LX1FL*(3)	15700		

## Coil Voltage Code

Type	Voltage (V)	24	110	220	415
AC*	LC1F115--F225, LC1F400-630	-	110	220	415
	LC1F265, LC1F330	-	1102	2202	3802
	LC1F1000	-	55	110	220
	LC1F1700, 2100, 2600	-	65	110	220
DC**	LC1F115--LC1F330	24	110	220	-
	LC1F400--LC1F780	-	110	220	-
	LC1F800	-	FW	MW	-

**Note:** For ordering coils with other voltages and frequencies, please add ₹ 190/- to the unit Price of the respective standard coil.

## Vacuum Contactors (3 Pole AC Control)

[Ie] Rated Operational Current		Motor Power		Auxiliary Contacts	Reference	Unit LP [₹]
AC1	AC3	kW	hP			
160 A	160 A	75	100	2 NO + 1 NC	LC1V160*	97010
320 A	320 A	160	213	1 NO + 1 NC	LC1V320*	130270
630 A	610 A	300	400	1 NO + 1 NC	LC1V610*	233660

VOLTAGE	110-120	220-240	380-415	440-480	550-600
Code	FE7	P7	V7	R7	X7

**Note:** Accessories for Vacuum Contactors available on request, please contact our Sales Office.

Please replace (\*) with the Corresponding Control Voltage.

(1) Use rectifier with required DC coil (Ref: DR5TE4U) LP ₹ 8940/-

(2) Coil with suppressor fitted as standard.

(3) Set of two coils to be connected in series.

## Bar contactors



### General Purpose offer

#### LC1B Range for standard applications

- From 750A to 1800A AC3
- From 800A to 2750A AC1

#### CR1B Magnetic latching contactors - 1000V

- From 750A to 1800A AC3
- From 800 to 2750A AC1

#### Special range of configurable bar contactors for Photovoltaic applications

- CV3BJ, for voltages between 1000 and 1500V DC
  - Complete range of configurable bar contactors CV1\*, CV3\*
- Special purpose offers for induction furnaces, DC excitation circuits of synchronous motors etc.

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

## Accessories - D and F Model

description	For use with	Contacts	Reference	Unit LP [₹]	
<b>Add On Blocks</b>					
Additional instantaneous auxiliary contact blocks	LC1D09 ...LC1D150 & LC1F  LC1D80..LC1D95 & LC1F	Front Mounted	1 NO+1NC	LADN11	330
			2 NO	LADN20	
			2 NC	LADN02	390
			2 NO+2NC	LADN22	580
			4 NC	LADN04	650
			4 NO	LADN40	
			1 NO+3NC	LADN13	580
			3 NO+1NC	LADN31	
			1 NO	LADN10	210
			1 NC	LADN01	

description		Contacts	Reference	Unit LP [₹]
Additional instantaneous auxiliary contact blocks	Side Mounted <sup>(1)</sup>	1 NO+1NC	LAD8N11	940
		2 NO	LAD8N20	
Pneumatic timer blocks front mounted	ON delay	1 NO+1NC 0.1..3s	LADT0	2330
		1 NO+1NC 0.1..30s	LADT2	
		1 NO+1NC 10..180s	LADT4	
	OFF delay	1 NO+1NC 1..30s <sup>(2)</sup>	LADS2 <input checked="" type="checkbox"/>	2480
		1 NO+1NC 0.1 ..3s	LADR0	2330
		1 NO+1NC 0.1 ..30s	LADR2 <input checked="" type="checkbox"/>	
		1 NO+1NC 10..180s	LADR4	

(1) Suitable for mounting on D Model range AC Coil Contactors and Control Relays only

(2) With Switching time of 40 ms between opening of the NC contact and closing of the NO contact recommended for Star - Delta Starters

\* Suitable for 80A, 95A & Model F contactors only

For Use With Contactor	Reference	Unit LP [₹]
<b>Mechanical Interlocks <sup>(1)</sup> - Horizontally Mounted</b>		
LC1F115, LC1F150, LC1F1154, LC1F1504	LA9FF970	3080
LC1F185, LC1F1854, LC1F225, LC1F2254	LA9FG970	3560
LC1F265, LC1F330, LC1F400, LC1F500, LC1F2654, LC1F3304, LC1F4004, LC1F5004	LA9FJ970	3990
LC1F630, LC1F6304, LC1F800	LA9FL970	4440

(1) For assembly of 3/4 pole 2 contactors of identical rating. To obtain electrical interlocking, please order 2 contact blocks LADN11  
All power connections are to be made by the user.

### Main Contact Sets\*

LC1F115, LC1F150	LA5FF431 <input checked="" type="checkbox"/>	16340
LC1F185, LC1F225	LA5FG431	23610
LC1F265	LA5FH431	31100
LC1F330, LC1F400	LA5F400803	37710
LC1F500	LA5F500803	48510
LC1F630	LA5F630803	77160
LC1F800	LA5F800803	96890

\* For 3 Pole contactor (per pole: 2 fixed contacts and 1 moving contact, 2 deflectors, 1 backplate, fixing screws & washers.)

Description	For use with	110 V Reference	220 V Reference	Unit LP [₹]
<b>Suppressor Blocks</b>				
suppressor module clip on	All AC ratings	LA4FRCF	LA4FRCP	4150
suppressor bracket	For all LA4F	LA9D09981		430

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

Product compatibility	110V Reference	220/230V Reference	415/440V Reference	Unit LP [₹]
<b>Hoisting Applications - AC Coils</b>				
LC1F265, LC1F330	LX9FH1102	LX9FH2202	-	16220
LC1F400	LX9FJ925	LX9FJ931	LX9FJ937	20030
LC1F500	LX9FK925	LX9FK931	LX9FK937	On request
LC1F630	LX9FL924	LX9FL931	LX9FL936	24610

**Note:** Rectifier is a must with the coil. Ref no. DR5TE4U for 110..230V & DR5TE4S\* for 415..440V , LP ₹ 8940/- needs to be added extra with coil.

Product compatibility	48V Reference	110V Reference	220V Reference	440/460 V Reference	Unit LP [₹]
<b>Hoisting Applications - DC Coils</b>					
LC1F400	LX9FJ918	LX9FJ926	LX9FJ932	LX9FJ938	23980
LC1F500	LX9FK918	LX9FK926	LX9FK932	LX9FK938	25650
LC1F630	LX9FL918	LX9FL926	LX9FL931	LX9FL937	24610

**Note:**

- Resistor is a must with every coil as per the quantity mentioned.
- Economy Resistor to be selected from below table as per coil voltage code**

Contactor	110 V Reference	220 V Reference	440/460 V Reference	Unit LP [₹]
• To be used with hoisting application DC coil				
LC1F400	1 X DR2SC0047	1 X DR2SC1200	1 X DR2SC4700	3090
LC1F500	1 X DR2SC0039	1 X DR2SC1000	1 X DR2SC3300	3090
LC1F630	2 X DR2SC0047	2 X DR2SC0047	2 X DR2SC3900	3090

## Electronic Relays



- Conformity to International Standards – IEC, UL, CSA
- Direct mounting on contactors is possible upto 630A
- Higher operating temperature
- Tripping class 10

thermal Protection Adjustment Range	Reference	Unit LP [₹]
<b>LR9-F Electronic Protection Relays</b>		
90...150 A	LR9F5369 <input checked="" type="checkbox"/>	9800
132...220 A	LR9F5371	13010
200...330 A	LR9F7375	11540
300...500 A	LR9F7379	15020
380...630 A	LR9F7381	16020

## Accessories

description	For Use With	Relay Type	Reference	Unit LP [₹]
mounting plate LA7F		LR9-F5369	LA7F901	2900
		LR9-F5371		
		LR9-F7375	LA7F902	3900
		LR9-F7379		
		LR9-F7381		
<b>Connection Accessories</b>				
LA7F busbar	LC1F115	LR9-F5369	LA7F401	1960
	LC1F225/265	LR9-F5371	LA7F403	2820
	LC1F225-400	LR9-F7375	LA7F404	3010
		LR9-F7379		
		LR9-F7381		
	LC1F500	LR9-F7381	LA7F405	3560
LC1F630/800	LR9-F7381	LA7F406	3810	

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

# Lineryg

Lineryg is tailored for your flexible panel needs (changes right up to the last minute)

Because Lineryg is:

Flexible



Safer



Reliable



**Lineryg BZ**  
Power Busbars

- > Quick connection plates for Compact and TeSys offers
- > Multi-standard offering up to 630 A

**Lineryg HK**  
"Hot Plug" Distribution

- > Panel easily upgradeable
- > Reliable "hot plug" modification or upgrade
- Multi-standard system of up to 160 A

**Lineryg FT**  
Device Feeders

- > Optimised productivity and efficiency of your control panel
- > Easy to install
- > High reliability

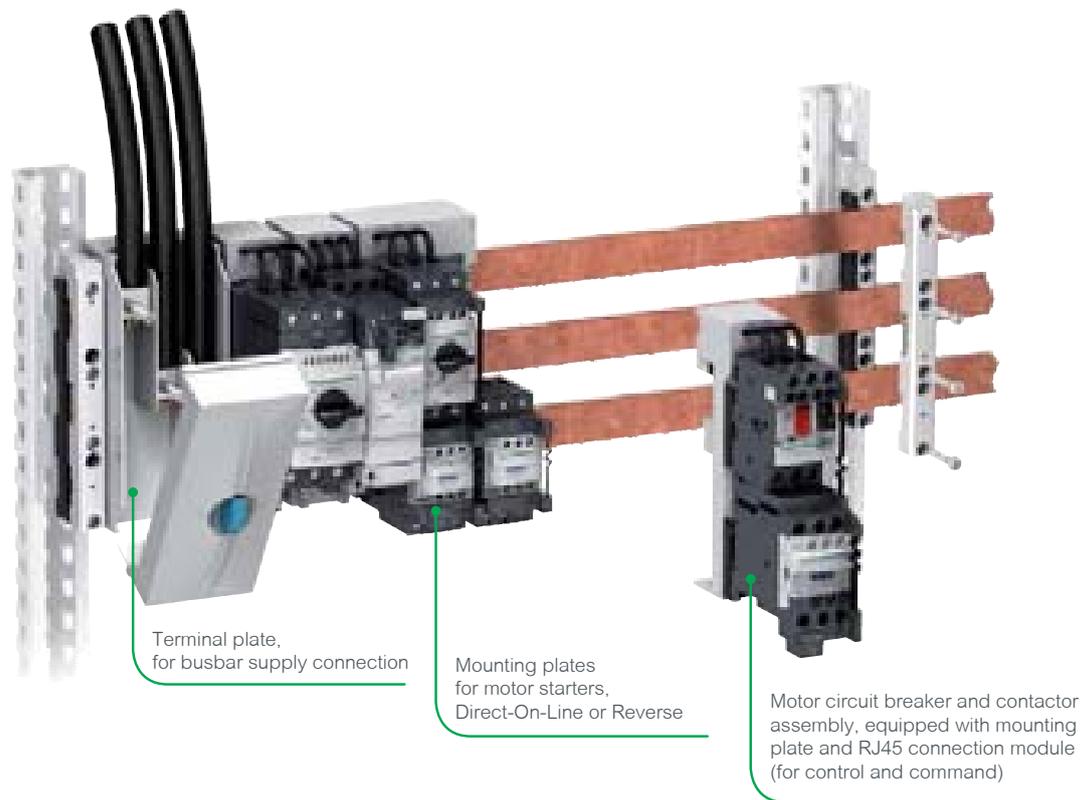
- > Quick Installation
- > Multi Standard Offer
- > Intuitive Solution

Please contact Customer Care Center for Stockable and Non stockable status of references.

# Lineryg BZ

Lineryg BZ, Multistandard power busbar system,  
Application: power distribution to motor starters

In control switchboards, when space saving, quick mounting and replacement are required



- ## Advantages
- Considerable space saving: components are directly mounted on the busbar
  - Large choice of mounting plates (for GV2, GV3 motor circuit breakers and assemblies, GV7, TeSys U)
  - Quick connection, disconnection (power off): clip-on mounting plates
  - Vibration resistant busbar connections: no periodical re-tightening required

- ### Detailed view: back face of a motor starter mounting plate
- A reliable electrical contact is ensured by copper blades
  - The blue part locks the mounting plate on the busbar, compatibility is provided with standard profiles:
    - v Height 12, 15, 20, 25 or 30 mm,
    - v Width 5 or 10 mm



Please contact Customer Care Center for Stockable and Non stockable status of references.

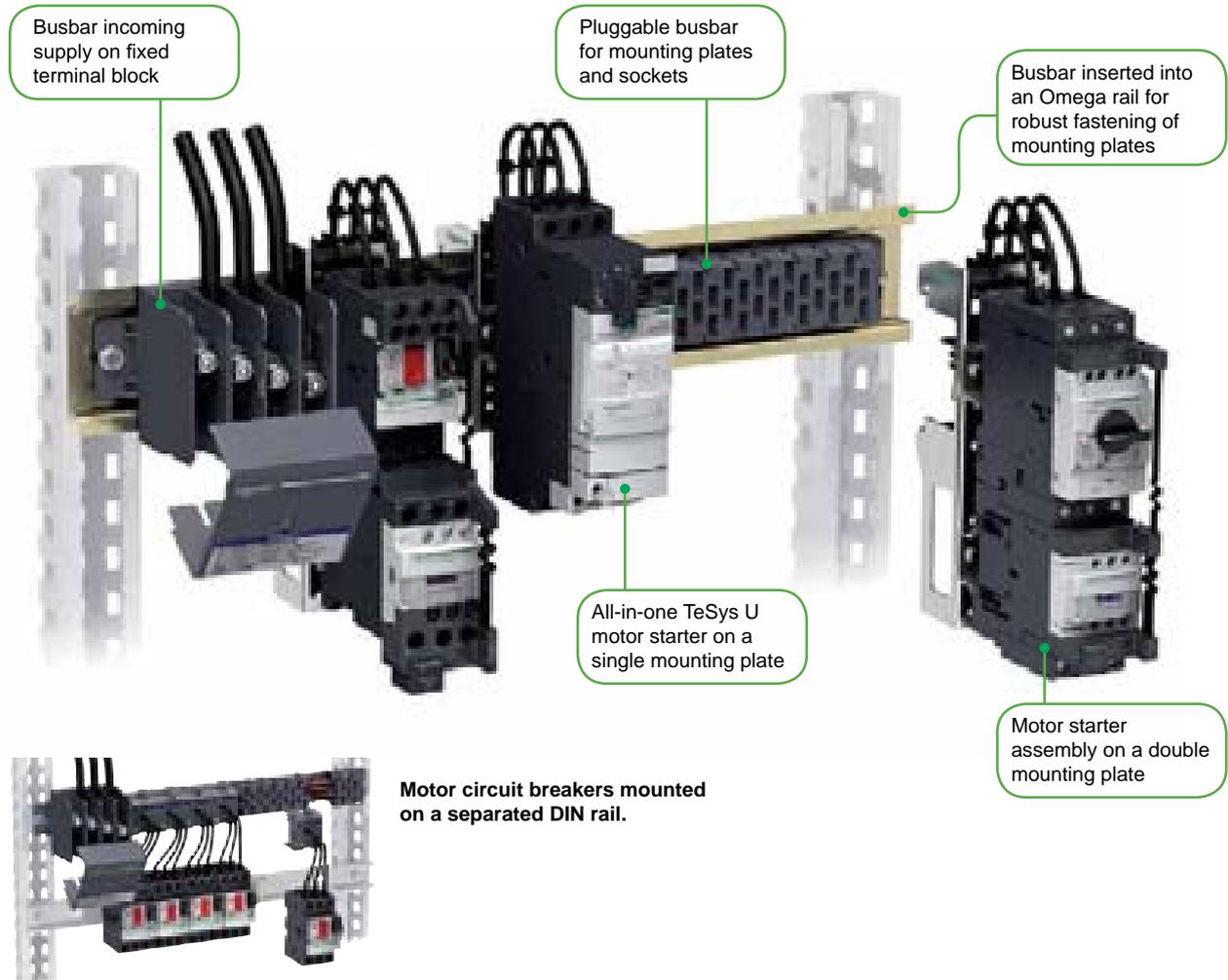
NORMAL STOCK ITEMS

W.E.F. March 12, 2018

# Lineryg HK

Lineryg HK, Multistandard hot-plug busbar system,  
Application: electrical distribution to motor starters

When compactness and continuity of service are required



## Advantages

- Space saving in compact enclosures: the total volume is reduced to that of the motor starter assemblies
- Preserved continuity of service during modification and maintenance: live connection, disconnection (off load)
- Wide adaptability: 6 busbar lengths from 344 to 1100 mm, 12 models of sockets, 23 mounting plates for motor starters up to 25 or 50 A

## Detailed view: mounting plate back face

- Thanks to the plug and its pre-cabled wires the motor starter is safely assembled in the workshop, for immediate or later use.
- A piece of DIN profile rail is attached on the front face of the mounting plate for fastening the components.
- The metal mounting plate ensures a rigid and robust fastening on the omega rail.



Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

## Motor Circuit Breakers



- Conformance to IEC 60947 -1,-2,-4, conformity to International Standards - UL, CSA, CE
- Thermal magnetic circuit breakers range from 0.1-220 Amps
- High Breaking capacity up to 100 kA
- Wide range of accessories
- S-shaped busbar for side-by-side connection with 40 - 65A Contactor

Breaking Capacity at 415 V 50 Hz	Motor Power AC3**		Thermal Protection Adjustment Range	Reference	Unit MRP [₹]
	kW	hP			

### GV2-M Model Thermal Magnetic - With Push button Control (Economy)

Breaking Capacity at 415 V 50 Hz	Motor Power AC3**		Thermal Protection Adjustment Range	Reference	Unit MRP [₹]
	kW	hP			
100 kA	-	-	0.1 - 0.16	GV2ME01	3000
	0.06	-	0.16 - 0.25	GV2ME02	
	0.09	-	0.25 - 0.40	GV2ME03	
	0.18	-	0.40 - 0.63	GV2ME04	3500
	0.37	0.5	0.63 - 1.0	GV2ME05	
	0.55	0.75	1.0 - 1.6	GV2ME06	3550
	0.75	1	1.6 - 2.5	GV2ME07	
	1.1	2	2.5 - 4	GV2ME08	3650
	2.2	3	4 - 6.3	GV2ME10	3650
	3	5.5	6 - 10	GV2ME14	3650
15 kA (1)	5.5	7.5	9 - 14	GV2ME16	4200
	7.5	10	13 - 18	GV2ME20	4450
	9	12.5	17 - 23	GV2ME21	4800
10 kA (1)	11	15	20 - 25	GV2ME22	4800
	15	20	24 - 32	GV2ME32	7750

Breaking Capacity at 415 V 50 Hz	Motor Power AC3**		Thermal Protection Adjustment Range	Reference	Unit LP [₹]
	kW	hP			

### GV2-P Model Thermal Magnetic - With Rotary Handle Control

Breaking Capacity at 415 V 50 Hz	Motor Power AC3**		Thermal Protection Adjustment Range	Reference	Unit LP [₹]
	kW	hP			
100 kA	-	-	0.1 - 0.16	GV2P01	3500
	0.06	-	0.16 - 0.25	GV2P02	
	0.09	-	0.25 - 0.40	GV2P03	
	0.18	-	0.40 - 0.63	GV2P04	3950
	0.37	0.5	0.63 - 1.0	GV2P05	
	0.55	0.75	1.0 - 1.6	GV2P06	4100
	0.75	1.0	1.6 - 2.5	GV2P07	
	1.1	2	2.5 - 4	GV2P08	4400
	2.2	3	4 - 6.3	GV2P10	5200
	3	5.5	6 - 10	GV2P14	5200
50 kA (2)	5.5	7.5	9 - 14	GV2P16	6150
	7.5	10	13 - 18	GV2P20	6150
	9	12.5	17 - 23	GV2P21	10400
35 kA (2)	11	15	20 - 25	GV2P22	10400
	15	20	24 - 32	GV2P32	10400

### GV3-P Range Thermal Magnetic - With Rotary Handle Control

Breaking Capacity at 415 V 50 Hz	Motor Power AC3** kW	Thermal Protection adjustment Range	Reference	Unit LP [₹]
50 kA	22	37...50 A	GV3P50	14900
	30	48...65 A	GV3P65	15600
	37	62...73 A	GV3P73	16050
	37	70...80 A	GV3P80	16050

\*\* 50/60Hz - 415 V

- (1) With GV1-L3 current limiter, breaking capacity can be increased to 100 kA. Combination of the GV2-M with the D Model provides Type 2 coordination.  
 (2) With GV1-L3 current limiter, breaking capacity can be increased to 100 kA. Combination of the GV2-P with the D Model provides Type 2 coordination.

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

## Motor Circuit Breakers



- Conformance to IEC 60947 -1,-2,-4
- Magnetic circuit breakers range from 0.1-80 Amps
- High Breaking capacity up to 100kA
- Wide range of accessories

Breaking Capacity at 415 V 50 Hz	Motor Power AC3**		Magnetic Protection Rating (A)	Reference	Unit LP [₹]
	kW	hP			

### GV2-LE Model Magnetic - With Rocker Lever Control (Economy) \*

Breaking Capacity at 415 V 50 Hz	Motor Power AC3**		Magnetic Protection Rating (A)	Reference	Unit LP [₹]
	kW	hP			
100 kA	0.09	-	0.4	GV2LE03	3250
	0.18	-	0.63	GV2LE04	
	0.37	0.5	1	GV2LE05	
	0.55	-	1.6	GV2LE06	
	1.1	1.5	2.5	GV2LE07	
	1.5	2	4	GV2LE08	
	2.2	3	6.3	GV2LE10	
	3	5.5	10	GV2LE14	
	5.5	7.5	14	GV2LE16	
	7.5	10	18	GV2LE20	
15 kA	11	15	25	GV2LE22	3730
	15	20	32	GV2LE32	

### GV2-L Model Magnetic - With Rotary Handle Control \*

Breaking Capacity at 415 V 50 Hz	Motor Power AC3**		Magnetic Protection Rating (A)	Reference	Unit LP [₹]
	kW	hP			
100 kA	0.09	-	0.4	GV2L03	3850
	0.18	-	0.63	GV2L04	
	0.37	0.5	1	GV2L05	
	0.55	-	1.6	GV2L06	
	1.1	1.5	2.5	GV2L07	
	1.1	2	4	GV2L08	
	2.2	3	6.3	GV2L10	
	4	5.5	10	GV2L14	
	5.5	7.5	14	GV2L16	
	7.5	10	18	GV2L20	
50 kA	11	15	25	GV2L22	15000
	18.5	25	40	GV3L40	
50 kA	22	30	50	GV3L50	10370
	30	40	65	GV3L65	10720
	37	50	73	GV3L73	15000
	37	50	80	GV3L80	15000

\* Conforming to IEC 60947-2-3-4

\*\* 50/60Hz - 415 V

- GV2-L with the D Model contactor and LRD overload relay provides Type 2 Coordination

Breaking Capacity at 415 V 50 Hz*	Motor Power AC3** kW	Thermal Protection adjustment Range	Reference	Unit LP [₹]
-----------------------------------	----------------------	-------------------------------------	-----------	-------------

### GV7-R Range Thermal Magnetic (220A, AC3)

35 kA	75	90 - 150	GV7RE150	30970
	110	132 - 220	GV7RE220	38070
70 kA	75	90 - 150	GV7RS150	35090
	110	132 - 220	GV7RS220	43020

\* Conforming to IEC 60947-2 for Type 2 coordination

\*\* 50/60Hz - 415 V.

Refer the new GV4\* range of magnetic and thermal magnetic MPCBs on page 41 for motor ratings upto 55kW.

## Accessories for Motor Circuit Breakers

Description	Reference	Unit LP [₹]	
<b>For GV2</b>			
Front contact NO or NC <sup>(1)</sup>	GVAE1	680	
Front contact NO + NC	GVAE11 <input checked="" type="checkbox"/>	830	
	GVAE20	910	
Side contact NO + NC	GVAN11 <input checked="" type="checkbox"/>	1000	
	GVAN20	1000	
Fault signalling contact +1 NO contact <sup>(2)</sup>	GVAD1010 <input checked="" type="checkbox"/>	1300	
Fault signalling contact +1 NC contact <sup>(2)</sup>	GVAD1001	1300	
Short circuit signalling contact block 1 C/O	GVAM11	1240	
Undervoltage trip :	110 ... 115V 50Hz	GVAU115	2300
	220 ... 240V 50Hz	GVAU225	2380
	380 ... 400V 50Hz	GVAU385	2380
Shunt trip :	110 ... 115V 50Hz	GVAS115	2380
	220 ... 240V 50Hz	GVAS225	2380
	380 ... 400V 50Hz	GVAS385	2380
Additive limiter for increasing breaking capacity to 100kA for GV2ME and GV2P.	GV1L3	3840	
connection block - GV2 with contactor LC1-D09..D38	GV2AF3	470	
connection block - LS1 D32 or GV2 with contactor LC1-K or LP1-K	GV2AF01	500	
empty enclosure for GV2ME - plastic	GV2MP02	1720	
	GV2MC02	1890	

(1) Choice of NC or NO contact operation depending on which way round the reversible block is mounted.

(2) The GV-AD is always mounted next to the circuit breaker.

## Busbars

Connection Pitch	No. of Tapoff Points	Reference	Unit LP [₹]
<b>For GV2 Breakers</b>			
45 mm	2	GV2G245	1010
	4	GV2G445	1600
	2	GV2G254	1190
54 mm	3	GV2G354	1340
	4	GV2G454	1680
	5	GV2G554	1820
72 mm	2	GV2G272	1430
	4	GV2G472	2050

Description	Reference	Unit LP [₹]
<b>Accessories for Busbars</b>		
terminal block - to supply one or more 3-pole busbar GV2	GV2G05	2570
Protective end covers for unused busbar outlets	GV1G10	450
terminal block for connection from top	GV1G09	1350

## Accessories for Motor Circuit Breakers

Description	Reference	Unit LP [₹]
<b>For GV2-P/GV2-L</b>		
external operator - IP54, Black	GV2APN01 <input checked="" type="checkbox"/>	2390
external operator - IP54, Yellow/Red	GV2APN02	4400
visible isolation block - for motor circuit breaker GV2	GV2AK00	2000
<b>For GV3P/GV3L</b>		
auxiliary Contacts		
Front contact: 1 NO (fault) + 1 NC (Auxiliary)	GVAED011	860
Front contact: 1 NO (fault) + 1 NO (Auxiliary)	GVAED101	950
<b>Busbar</b>		
3-pole, 3 tap, 64 mm pitch	GV3G364	970
S-shape bus bar	GV3S	730
<b>External Operator</b>		
IP54, Black	GV3APN01	2850
IP54, Yellow/Red	GV3APN02	2740

**Note:** All other accessories are same as of GV2.

Busbars GV3G364 and GV3S are not compatible with GV3\*73 and GV3\*80.

Description	Operating Voltage	Reference	Unit LP [₹]
<b>For GV7</b>			
accessory for direct rotary handle mount on door <sup>(2)</sup>	-	GV7AP05	1570
auxiliary contact - 1 OC	-	GV7AE11 <input checked="" type="checkbox"/>	1540
clip-on connector - upto 150 A - 1.5..95 mm <sup>2</sup>	-	GV7AC021	630
clip-on connector- upto 220 A - 1.5..185 mm <sup>2</sup>	-	GV7AC022	600
fault discrimination device	24...72V DC/ 24...48V AC	GV7AD111	4530
	110 ... 240V AC/ DC	GV7AD112	4530
front rotary handle GV7AP	-	GV7AP03	2660
GV7R - black handle <sup>(2)</sup>	-	GV7AP01	4630
padlocking device - 1..3 padlocks Ø 5.8mm shank <sup>(3)</sup>	-	GV7V01	730
phase barriers	-	GV7AC04	810
terminal shields IP405 <sup>(1)</sup>	-	GV7AC01	1640
<b>For GV7</b>			
Shunt release	110...130 V AC 50/60 Hz	GV7AS107	3520
	200...240 V AC 50/60 Hz	GV7AS207	3520
	380...440 V AC 50/60 Hz	GV7AS387	3390
Under Voltage release	110...130 V AC 50/60 Hz	GV7AU107	3630
	200...240 V AC 50/60 Hz	GV7AU207	3630
	380...440 V AC 50/60 Hz	GV7AU387	3630
3-pole spreader - for motor circuit breaker GV7 45 mm pitch		GV7AC03	1050

(1) Terminal shields cannot be used together with spreaders.

(2) For mounting direct rotary handle on enclosure door. This accessory makes it possible to open the door if the device is closed and prevents the device from being closed if the door is open.

(3) For Circuit breaker not fitted with a rotary handle

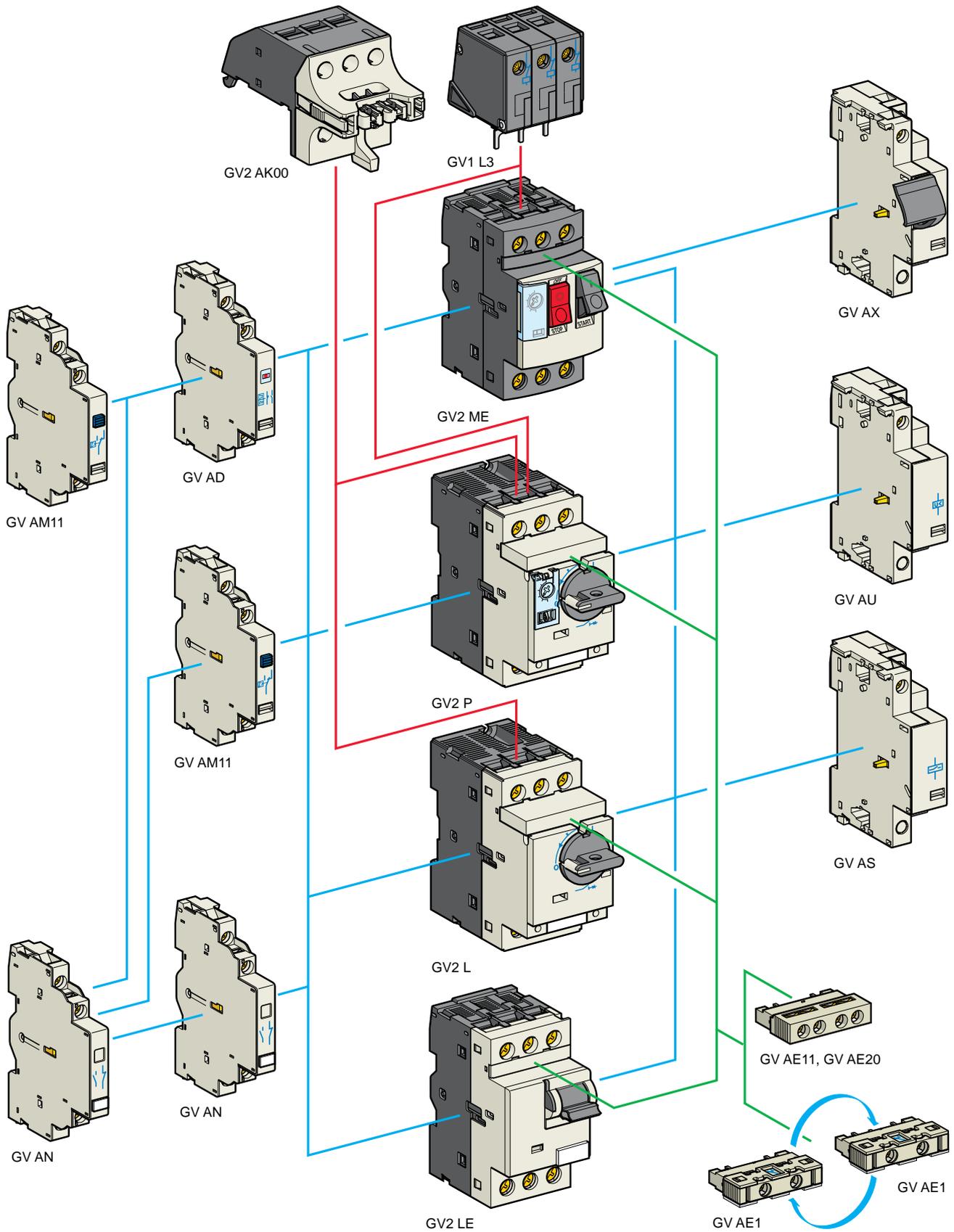
Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

# TeSys

## Accessories compatibility



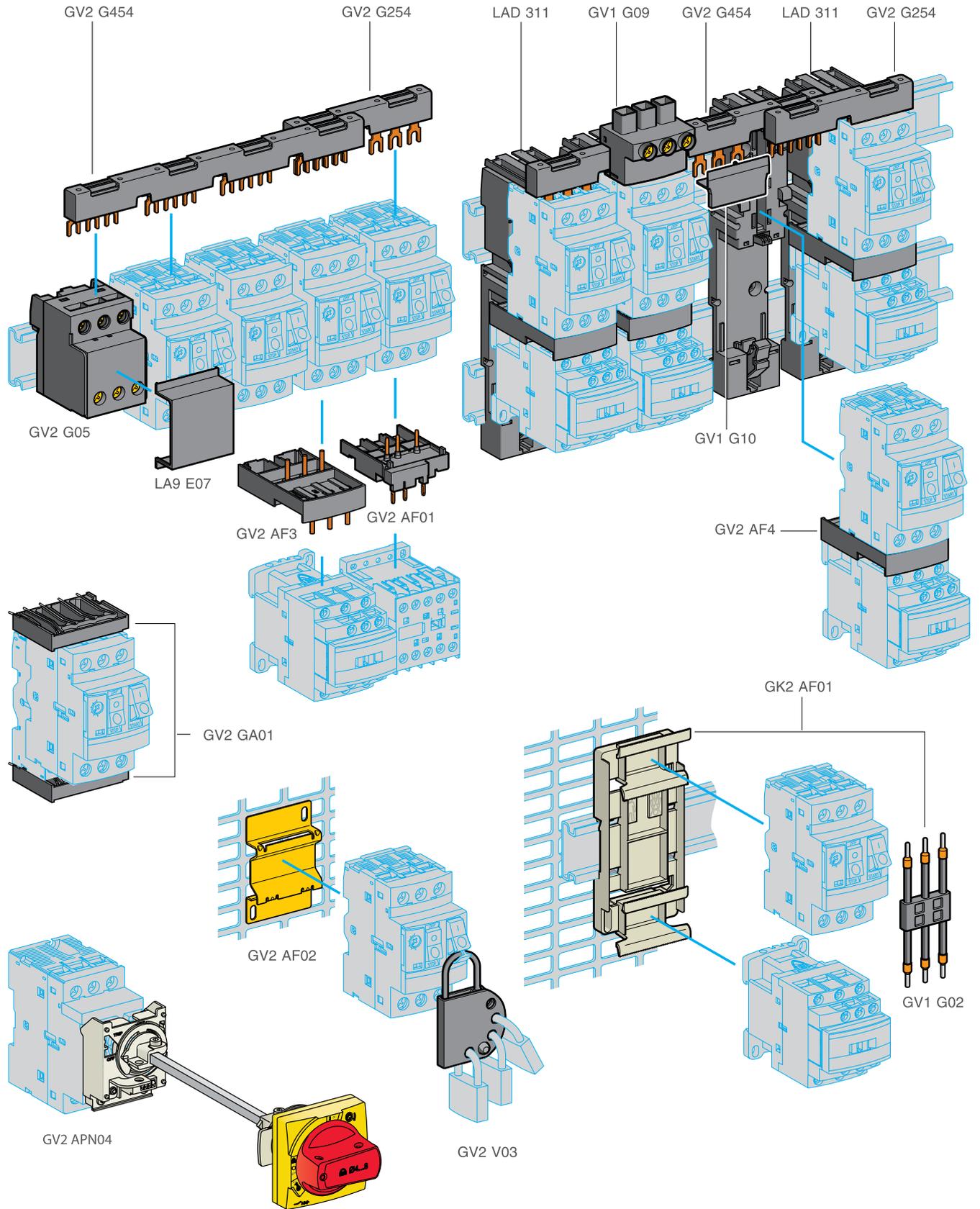
Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

# TeSys

## Accessories compatibility



Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

# Introducing New TeSys GV4

Motor circuit breakers



## New TeSys GV4

- Compact and Robust, covering motors upto 55kW- Breaking capacity upto 100kA
- Available with magnetic, electronic thermal magnetic and advanced protection functions including alarming, jam, long start etc
- Equipped with patented EverLink power connections for the entire range, ensuring 100% reliable connections
- Type II coordination with TeSys range of contactors, including TeSys T motor controllers

[schneider-electric.co.in/TeSys](https://schneider-electric.co.in/TeSys)

# GV4LE/GV4L



- IEC/EN 60947-1, IEC/EN 60947-2, CCC, EAC
- Can be used with class 5, 10 or 20 relay
- Short circuit protection
- From 0.25 - 55kW

## Magnetic Protection Toggle Control

Motor Power AC3 (400/415V AC)		In (A)	Magnetic setting range A	25kA breaking capacity		50kA breaking capacity		100kA breaking capacity	
kW	hP			Reference	LP	Reference	LP	Reference	LP
0.25..0.75	0.3..1	2	12..28	-	-	GV4LE02N	on request	GV4LE02S	on request
0.55..1.5	0.7..2	3.5	21..49	-	-	GV4LE03N		GV4LE03S	
1.5..3	2..4	7	42..96	-	-	GV4LE07N		GV4LE07S	
3..5.5	4..7.5	12.5	75..175	-	-	GV4LE12N		GV4LE12S	
5.5..11	7.5..14	25	150..350	GV4LE25B	on request	GV4LE25N		GV4LE25S	
11..22	15..30	50	300..700	GV4LE50B		GV4LE50N		GV4LE50S	
18.5..37	25..50	80	480..1120	GV4LE80B	12800	GV4LE80N	15000	GV4LE80S	21700
30..55	40..75	115	690..1610	GV4LE115B	12800	GV4LE115N	15000	GV4LE115S	21700

## Magnetic Protection Rotary Handle Control

Motor Power AC3 (400/415V AC)		In (A)	Magnetic setting range A	25kA breaking capacity		50kA breaking Capacity	
kW	hP			Reference	LP	Reference	LP
0.25..0.75	0.3..1	2	12..28	-	-	GV4L02N	on request
0.55..1.5	0.7..2	3.5	21..49	-	-	GV4L03N	
1.5..3	2..4	7	42..96	-	-	GV4L07N	
3..5.5	4..7.5	12.5	75..175	-	-	GV4L12N	
5.5..11	7.5..14	25	150..350	GV4L25B	on request	GV4L25N	
11..22	15..30	50	300..700	GV4L50B		GV4L50N	
18.5..37	25..50	80	480..1120	GV4L80B	13500	GV4L80N	15800
30..55	40..75	115	690..1610	GV4L115B	13500	GV4L115N	15800

# GV4PE/GV4P



- IEC/EN 60947-1, IEC/EN 60947-2, IEC/EN 60947-4-1, UL 60497-4-1, CCC, EAC, CSA
- Overload or thermal protection
- Short time delay protection
- Short circuit protection
- Phase unbalance or phase loss
- Front indications through LED

## Thermal Magnetic Protection Toggle Control

Motor Power AC3 (400/415V AC)		In (A)	Thermal setting range A	25kA breaking capacity		50kA breaking Capacity		100kA breaking Capacity	
kW	hP			Reference	LP	Reference	LP	Reference	LP
0.25..0.75	0.3..1	2	0.8..2	-	-	GV4PE02N	on request	GV4PE02S	on request
0.55..1.5	0.7..2	3.5	1.4..3.5	-	-	GV4PE03N		GV4PE03S	
1.5..3	2..4	7	2.9..7	-	-	GV4PE07N		GV4PE07S	
3..5.5	4..7.5	12.5	5..12.5	-	-	GV4PE12N		GV4PE12S	
5.5..11	7.5..14	25	10..25	GV4PE25B	on request	GV4PE25N		GV4PE25S	
11..22	15..30	50	20..50	GV4PE50B		GV4PE50N		GV4PE50S	
18.5..37	25..50	80	40..80	GV4PE80B	16380	GV4PE80N	18500	GV4PE80S	22150
30..55	40..75	115	65..115	GV4PE115B	16380	GV4PE115N	18500	GV4PE115S	22150

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

# GV4P

## Thermal Magnetic Protection Rotary Handle Control

Motor power AC3**		In (A)	Thermal setting range A	25kA breaking capacity		50kA breaking Capacity	
kW	hP			Reference	LP	Reference	LP
0.25..0.75	0.3..1	2	0.8..2	-	-	GV4P02N	on request
0.55..1.5	0.7..2	3.5	1.4..3.5	-	-	GV4P03N	
1.5..3	2..4	7	2.9..7	-	-	GV4P07N	
3..5.5	4..7.5	12.5	5..12.5	-	-	GV4P12N	
5.5..11	7.5..14	25	10..25	GV4P25B	on request	GV4P25N	
11..22	15..30	50	20..50	GV4P50B		GV4P50N	
18.5..37	25..50	80	40..80	GV4P80B	17200	GV4P80N	
30..55	40..75	115	65..115	GV4P115B	17200	GV4P115N	19400

# GV4PEM



- IEC/EN 60947-1,-2,-4-1, UL 60947-4-1, CCC, EAC, CSA
- Short circuit and overload protection
- Embedded protection functions: jam, long start, phase unbalance or phase loss, ground fault
- LED indication on front face
- Remote indication, fault differentiation and alarming with the SDx module



Fully configurable on NFC using the TeSys GV4 app, available for select Android devices

## Multifunction Advanced Protection Toggle Control

Motor power AC3**		In (A)	Thermal setting range A	25kA breaking capacity		50kA breaking Capacity		100kA breaking Capacity	
kW	hP			Reference	LP	Reference	LP	Reference	LP
0.25..0.75	0.3..1	2	0.8..2	-	-	GV4PEM02N	on request	GV4PEM02N	on request
0.55..1.5	0.7..2	3.5	1.4..3.5	-	-	GV4PEM03N		GV4PEM03N	
1.5..3	2..4	7	2.9..7	-	-	GV4PEM07N		GV4PEM07N	
3..5.5	4..7.5	12.5	5..12.5	-	-	GV4PEM12N		GV4PEM12S	
5.5..11	7.5..14	25	10..25	GV4PEM25B	on request	GV4PEM25N	36000	GV4PEM25S	41000
11..22	15..30	50	20..50	GV4PEM50B	33000	GV4PEM50N	37000	GV4PEM50S	42000
22..37	25..50	80	40..80	GV4PEM80B	34500	GV4PEM80N	37000	GV4PEM80S	42000
37..55	40..75	115	65..115	GV4PEM115B	34500	GV4PEM115N	37000	GV4PEM115S	42000

# Auxiliary Contact Blocks



An auxiliary contact block provides one changeover contact with one common point for OF and SD function, depending on where it is inserted

Open/Close OF Function: indicates position of the circuit breaker contacts

Trip Alarm SD Function: indicates circuit breaker tripping due to:

- Electrical fault (overload, short circuit)
- Shunt trip/Undervoltage release
- "Push to Trip" Function

Resets when the circuit breaker is reset

Description	Maximum Number	Mounting	Type of Contacts	Reference	LP
Auxiliary Contact Block	2 (1 Each For Of Or Sd)	Internal Plug-In	NO+NC	GV4AE11	770

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018



### MX Shunt Trip

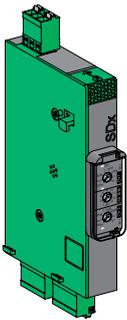
- Trips the circuit breaker when the control voltage rises above 70% of rated voltage
- Shunt trip 110..130V AC is suitable.. etc for ground fault protection when combined with a Class I ground fault sensing element

### MN Under Voltage Release

Trips the circuit breaker when the control voltage drops below 35% of its rated voltage

Description	Maximum Number	Mounting	Voltage	References	LP
Mx Shunt Trip	1	Internal, Plug-In	24 VAC 50/60 HZ, 24 VDC	GV4AS027	2020
			48 VAC 50/60 HZ, 48 VDC	GV4AS057	2020
			110-130 VAC 50/60 HZ, 125 VDC	GV4AS137	2020
			220-240 VAC 50 HZ, 208-240 VAC 60 HZ, 277 VAC 60 HZ	GV4AS287	2020
			380-415 VAC 50 HZ, 440-480 VAC 60 HZ	GV4AS487	2020
Mn Undervoltage Release	1	Internal, Plug-In	24 VAC 50/60 HZ, 24 VDC	GV4AU027	2640
			48 VAC 50/60 HZ, 48 VDC	GV4AU057	2640
			110-130 VAC 50/60 HZ, 125VDC	GV4AU137	2640
			220-240 VAC 50 HZ, 208-240 VAC 60 HZ	GV4AU247	2640
			277 VAC 60 HZ	GV4AU286	2640
			380-415 VAC 50 HZ	GV4AU415	2640
			440-480 VAC 60 HZ	GV4AU486	2640

## SDx Contact Module (For GV4PEM)



Provides fault differentiation and alarming for GV4PEM

2 NO/NC outputs dry contacts which can be assigned to any of the following 8 SD status

- SDT95% overload alarm when thermal image of the motor exceeds 95% of permissible temp rise
- SDTXXS overload alarm will trip in 10-40s (adjustable) with the same load
- SDTAM overload alarm before tripping - for phase imbalance, overload, jam, activates to open contactor before cb tripping
- SDT overload trip indication
- SDJAM jam trip indication
- SDUNB phase imbalance trip indication
- SDLS long start trip indication
- SDGF ground fault trip indication

Description	Maximum Number	Mounting	Type of Contacts	References	LP
SDx Alarming/Fault Differentiation Module	2	SIDE	NO/NC	GV4ADM1111	on request

### Rotary Handles

Description	Type	Degree of Protection	Reference	LP
Direct Mounting Rotary Handle	Black	IP40	GV4ADN01	1060
	Red Handle on Yellow Bezel	IP40	GV4ADN02	1060
Front Extended Rotary Handle (Min Shaft Length 214Mm/Max Shaft Length 627Mm)	Black	IP54	GV4APN01	1570
	Red Handle on Yellow Bezel	IP54	GV4APN02	1570
	Red Handle on Yellow Bezel	IP65	GV4APN04	1650
Side Rotary Handle (Left or Right)	Black	IP54	LV426935	2690
	Red Handle on Yellow Bezel	IP54	LV426936	2690

### Connection Accessories

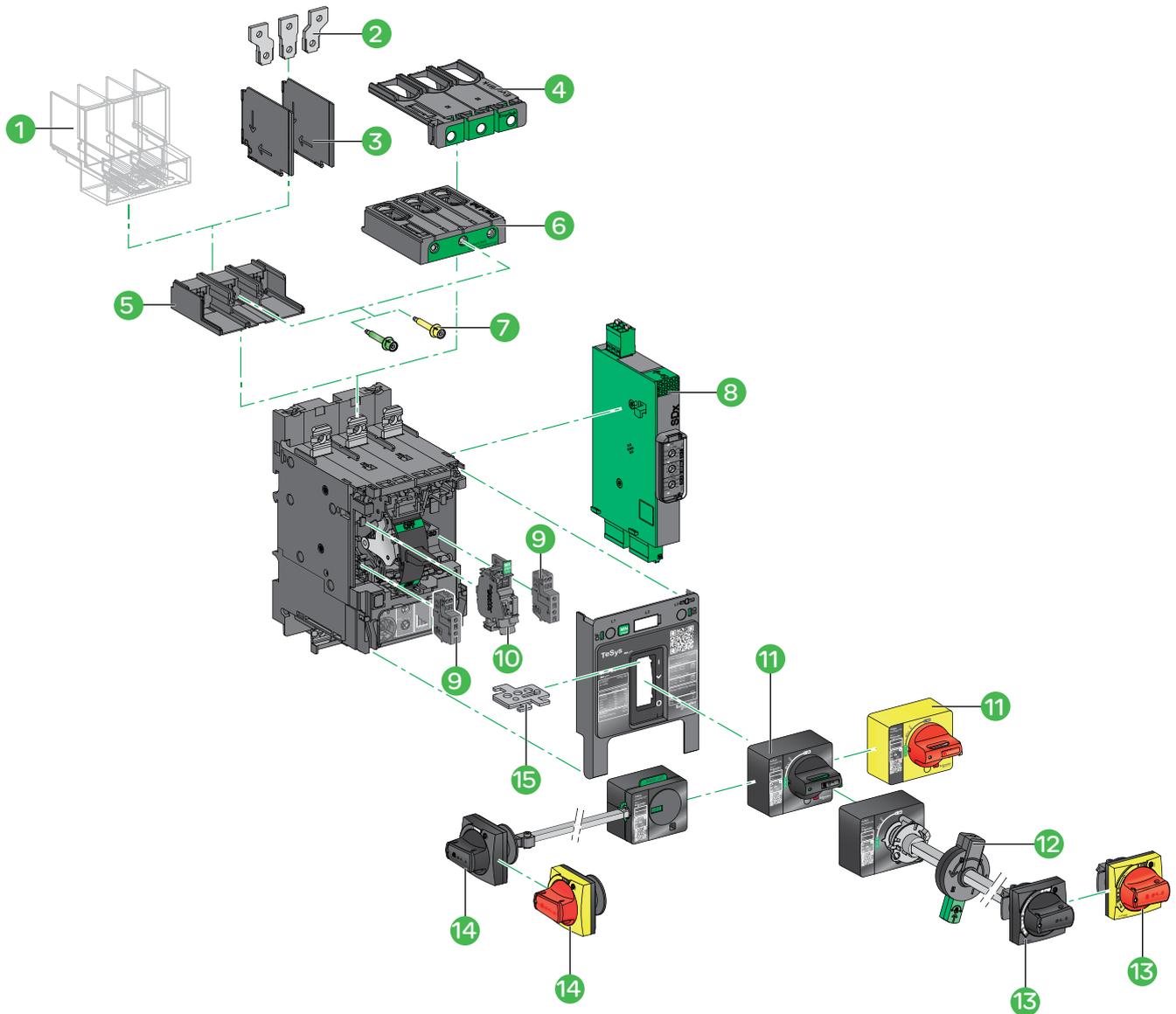
Description	Reference	LP
Spreader 3-pole (To increase pitch to 35mm) (1 pce)	LV426940	580

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

# TeSys GV4 Overview



- ① Long terminal shield LAD96590
- ② Terminal spreaders LV426940
- ③ Interphases barriers LV426920
- ④ Large spacing cover for EverLink connector GV4G66
- ⑤ Crimp lug connector GV4LUG
- ⑥ EverLink® connector LAD96595
- ⑦ Torque limiting breakaway bits LV42699p
- ⑧ SDx alarming/fault differentiation module GV4ADM1111 (only with GV4PEM)
- ⑨ Auxiliary contact block for OF or SD function GV4AE11
- ⑩ - MN undervoltage release GV4AUpp  
- MX shunt trip GV4ASpp
- ⑪ Direct mounting black or red on yellow bezel rotary handle GV4ADN01/ GV4ADN02
- ⑫ Open door shaft operator (for front extended rotary handle) LV426937
- ⑬ Front extended rotary handle kit with red handle on yellow bezel or black handle GV4APN01/  
GV4APN02 /GV4APN04
- ⑭ Side rotary handle kit with red handle on yellow bezel or black handle LV426935/LV426936.
- ⑮ Toggle locking device 29370

Please contact Customer Care Center for Stockable and Non stockable status of references.

# TeSys Switches

## Vario Switch Disconnectors

[Ith] Conventional Thermal Current**	Poles Description	Rated Operational Power (AC 23)*	Reference	Unit LP [₹]
--------------------------------------	-------------------	----------------------------------	-----------	-------------

### Complete Enclosed Switches

#### • Range 12 to 175 A, IP 65 Sealable and Lockable

10 A	3P	4 KW	VCF02GE	2340
16 A	3P	5.5 KW	VCF01GE	2550
20 A	3P	7.5 KW	VCF0GE	3100
25 A	3P	11 KW	VCF1GE	3330
32 A	3P	15 KW	VCF2GE	3900
50 A	3P	22 KW	VCF3GE	6030
63 A	3P	30 KW	VCF4GE	7060

\* Rated Power at 415 V

\*\* Ith in enclosure

For Switch Type (Amps)	Mounting Arrangement	Ingress	Reference	Unit LP [₹]
------------------------	----------------------	---------	-----------	-------------

### Operators (Padlockable)

12 - 40 A	4 Screw Fixing	IP65	KCF1PZ	510
63 - 80 A	4 Screw Fixing	IP65	KCF2PZ	540
125 - 175 A	4 Screw Fixing	IP40	KCF3PZ	2220

## Vario Switch Disconnectors

[Ith] Conventional Thermal Current	Poles Description	Reference	Unit LP [₹]
------------------------------------	-------------------	-----------	-------------

### Complete Switch with Padlockable Operator

#### • Suitable for Front Mounting or Base Mounting

12A	3P	VCF02	1470
20 A	3P	VCF01	1600
25 A	3P	VCF0	1870
32 A	3P	VCF1	1960
40 A	3P	VCF2	2430
63 A	3P	VCF3	3810
80 A	3P	VCF4	4120
125 A	3P	VCF5	9440
175 A	3P	VCF6	11440

### Switch Bodies

12A	V02	960
20 A	V01	1110
25 A	V0	1320
32 A	V1	1600
40 A	V2	1960
63 A	V3	2730
80 A	V4	3590
125 A	V5	7280
175 A	V6	9290

## Accessories

Description	For Use with switch Bodies	Rating Pole	Pole Composition	Earth Contact	Auxiliary contacts	Reference	Unit LP [₹]
-------------	----------------------------	-------------	------------------	---------------	--------------------	-----------	-------------

### Vario Add-on Modules <sup>(1)</sup>

Main Pole Module	V02/VCF02	12 A	1P	-	-	VZ02	680
	V01/VCF01	20 A	1P	-	-	VZ01	700
	V0/VCF0	25 A	1P	-	-	VZ0	740
	V1/VCF1	32 A	1P	-	-	VZ1	730
	V2/VCF2	40 A	1P	-	-	VZ2	780
	V3/VCF3	63 A	1P	-	-	VZ3	1010
	V4/VCF4	80 A	1P	-	-	VZ4	1010
Neutral Pole Module <sup>(2)</sup>	V02 / VCF02 to V2 / VCF2	-	1N	-	-	VZ11	830
	V3 / VCF3 to V4 / VCF4	-	1N	-	-	VZ12	1120
	V5 / VCZ5 to V6 / VCZ6	-	1N	-	-	VZ13	2310
Earthing Module	V02 / VCF02 to V2 / VCF20	-	-	-	-	VZ14	820
	V3 / VCF3 to V4 / VCF4	-	-	1	-	VZ15	970
	V5 / VCZ5 to V6 / VCZ6	-	-	1	-	VZ16	1510
Auxiliary Contact Block Module	V02/ VCF02 to V6 / VCZ6	-	-	-	1 NO + 1 NC	VZ7	860
	V2/ VCF02 to V6 / VCZ6	-	-	-	2 NO	VZ20	860

(1) For mounting option of modules, please refer to the technical catalogue.

(2) With early make and late break contacts

Description	For Use With	Reference	Unit LP [₹]
-------------	--------------	-----------	-------------

### Components for Door Interlocking

shaft extension - for Mini-VARIO and VARIO - V02..V2	V02...V2	VZ17	820
		VZ30	970
shaft extension - for Mini-VARIO and VARIO - V3 V4 V5 V6	V3, V4, V5, V6	VZ18	970
		VZ31	1110
Door interlock plate	VZ17 / VZ30	KZ32	210
		KZ74	370

### Input Terminal Protection Shrouds

Terminal Shrouds	V02 - V2	VZ8	270
		VZ26	240
Terminal Shrouds	V3 - V4	VZ9	290
		VZ27	240
	V5 - V6	VZ10	370
		VZ28	410
	V02 - V6	VZ29	270

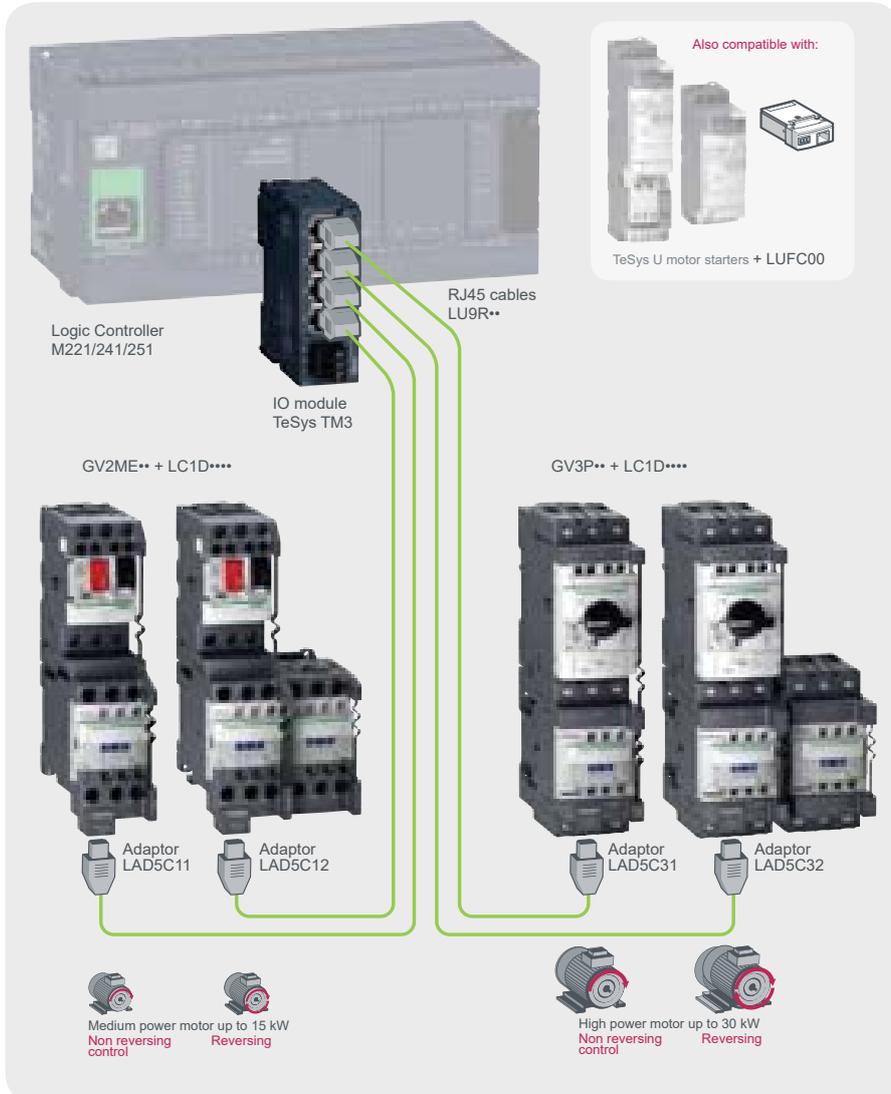
Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

# Let TeSys SoLink be your drive!

Integration system for motor starters  
up to 30 kW/400 V in automation environment



**20** times faster for control circuit wiring  
Simple and fast wiring

**100%** upgradable  
Plug & Play solutions

**0%** Chance of connection errors  
Intuitive connection

**100%** availability during machine life cycles  
Software & Hardware integrated

TM3 provides the 24 V DC control voltage to the motor starter coil.



Direct or Reversing		
TeSys D	Upto 15kW	From 18.5kW to 30kW
1 Motor Circuit Breaker	GV2ME** OR GV2P**	GV3P**
2 Contactor 24V DC	LC1D**B* or LC2D**B*	LC1D**BD or LC2D**BD
3 Combination Block	GV2AF3	-
4 Auxiliary Contact	GVAE20	GVAE20
5 Connection Module	LAD5C11(DOL), LAD5C12(RDOL)	LAD5C31(DOL), LAD5C32(RDOL)
<b>Connection Cable</b>		
6 Connection Cable**	LU9R**	
<b>IO Module</b>		
7 IO Module	TM3XTYS4	

**Note:**

- \*\* Choose your correct length.
- Similar configurations available for TeSys U also.

Please contact Customer Care Center for Stockable and Non stockable status of references.

**NORMAL STOCK ITEMS**

W.E.F. March 12, 2018

# Compact™ NSXm MCCB, a new member of the Compact™ NSX family

Efficiency that clicks!



Reliability



Productivity



Flexibility

## Compact™ NSXm MCCB



**1**  
Option of 100% secure **EverLink™** connections

**2**  
Faster mounting with **built-in DIN rail**

**3**  
Space saving through **compact size**



**4**  
**Enhanced discrimination**

**5**  
Best-in-class **electrical life**

**6**  
Option of **side rotary handle**

1 Frame size from 16 to 160A, TMD type

2 Versions - MCCB & Switch disconnectors

5 breaking capacities - 16kA to 70kA, Ics = 100% Icu for entire range

*Continues the legacy of Compact™ NSX - Encapsulated Double Break Roto Active Mechanism with Reflex Tripping, cascading*

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

# Compact NSXm circuit breakers: Optimized for your needs

The Compact NSXm range of circuit breakers and switch disconnectors is a newcomer in the Compact NSX family. It is one of the smallest on the market with innovative features. Built on the design of roto-active breaking technology, we have made it as robust as Compact NSX products.

## Compact NSXm main features and innovations

- Rated Current,  $I_n$  (A) – 16, 25, 32, 40, 50, 63, 80, 100, 125, 160
- Breaking capacity (kA) at 415V – 16, 25, 36, 50, 70
- Thermal magnetic trip unit integrated
- Built-in DIN rail and plate mount
- Auxiliaries externally visible
- EverLink™ connectors



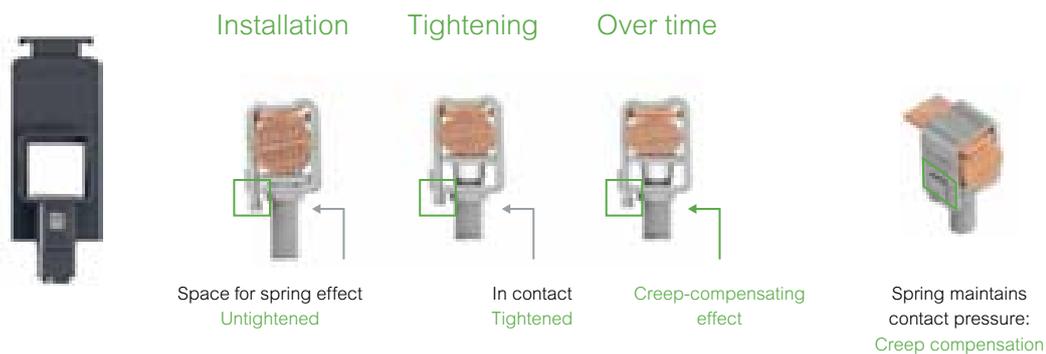
## EverLink™ patented technology

The Compact NSXm features a new cable connection method with patented creep-compensating technology built directly into the terminal - EverLink™:

- With EverLink™ connectors, save space and time during panel assembly.
- Bare cable connections are as safe as compression lug ones.



More than 35 patents have been registered for this new Compact NSXm offer.



Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

## With Thermal Magnetic Trip Unit (TMD) and Compression Lug connectors



LUG CONNECTION



- Ics = 100% Icu as per IEC 60947-2
- Adjustable thermal setting 0.7 – 1 x In
- Fixed magnetic settings
- Single frame size upto 160A
- 5 breaking capacities from 16kA to 70kA
- With compression lug connectors
- All the circuit breakers have a transparent lead-sealable cover

Breaking Capacity Icu as per IEC 60947-2	Rated Current	Three Pole Reference	Unit LP [₹]	Four Pole Reference	Unit LP [₹]
16kA	16A	LV426150	6570	LV426160	9390
	25A	LV426151	6570	LV426161	9390
	32A	LV426152	6570	LV426162	9390
	40A	LV426153	6570	LV426163	9390
	50A	LV426154	6570	LV426164	9390
	63A	LV426155	6570	LV426165	9390
	80A	LV426156	6570	LV426166	9390
	100A	LV426157	6570	LV426167	9390
	125A	LV426158	11920	LV426168	14670
25kA	160A	LV426159	13010	LV426169	16060
	16A	LV426250	7140	LV426260	10310
	25A	LV426251	7140	LV426261	10310
	32A	LV426252	7140	LV426262	10310
	40A	LV426253	7140	LV426263	10310
	50A	LV426254	7140	LV426264	10310
	63A	LV426255	7140	LV426265	10310
	80A	LV426256	7230	LV426266	10310
	100A	LV426257	7230	LV426267	10310
36kA	125A	LV426258	13080	LV426268	16040
	160A	LV426259	14440	LV426269	17990
	16A	LV426350	9090	LV426360	11640
	25A	LV426351	9090	LV426361	11640
	32A	LV426352	9090	LV426362	11640
	40A	LV426353	9090	LV426363	11640
	50A	LV426354	9090	LV426364	11640
	63A	LV426355	9090	LV426365	11640
	80A	LV426356	9090	LV426366	11640
50kA	100A	LV426357	9090	LV426367	11640
	125A	LV426358	13690	LV426368	17420
	160A	LV426359	15140	LV426369	19290
	16A	LV426450	11770	LV426460	14430
	25A	LV426451	11770	LV426461	14430
	32A	LV426452	11770	LV426462	14430
	40A	LV426453	11770	LV426463	14430
	50A	LV426454	11770	LV426464	14430
	63A	LV426455	11770	LV426465	14430
70kA	80A	LV426456	11770	LV426466	14900
	100A	LV426457	11770	LV426467	14900
	125A	LV426458	16000	LV426468	18990
	160A	LV426459	17190	LV426469	20580
	16A	LV426550	13820	LV426560	17310
	25A	LV426551	13820	LV426561	17310
	32A	LV426552	13820	LV426562	17310
	40A	LV426553	13820	LV426563	17310
	50A	LV426554	13820	LV426564	17310
70kA	63A	LV426555	13820	LV426565	17310
	80A	LV426556	13820	LV426566	17310
	100A	LV426557	13820	LV426567	17310
	125A	LV426558	25750	LV426568	27510
	160A	LV426559	26000	LV426569	27780

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

With Thermal Magnetic Trip Unit (TMD) and EverLink™ connectors



- Ics = 100% Icu as per IEC 60947-2
- Adjustable thermal setting 0.7 – 1 x In
- Fixed magnetic settings
- Single frame size upto 160A
- 5 breaking capacities from 16kA to 70kA
- With Patented EverLink™ connectors
- All the circuit breakers have a transparent lead-sealable cover

Breaking Capacity Icu as per IEC 60947-2	Rated Current	Three Pole Reference	Unit LP [₹]	Four Pole Reference	Unit LP [₹]
16kA	16A	LV426100	6570	LV426110	9390
	25A	LV426101	6570	LV426111	9390
	32A	LV426102	6570	LV426112	9390
	40A	LV426103	6570	LV426113	9390
	50A	LV426104	6570	LV426114	9390
	63A	LV426105	6570	LV426115	9390
	80A	LV426106	6570	LV426116	9390
	100A	LV426107	6570	LV426117	9390
	125A	LV426108	11920	LV426118	14670
	160A	LV426109	13010	LV426119	16060
25kA	16A	LV426200	7140	LV426210	10310
	25A	LV426201	7140	LV426211	10310
	32A	LV426202	7140	LV426212	10310
	40A	LV426203	7140	LV426213	10310
	50A	LV426204	7140	LV426214	10310
	63A	LV426205	7140	LV426215	10310
	80A	LV426206	7230	LV426216	10310
	100A	LV426207	7230	LV426217	10310
	125A	LV426208	13080	LV426218	16040
	160A	LV426209	14440	LV426219	17990
36kA	16A	LV426300	9090	LV426310	11640
	25A	LV426301	9090	LV426311	11640
	32A	LV426302	9090	LV426312	11640
	40A	LV426303	9090	LV426313	11640
	50A	LV426304	9090	LV426314	11640
	63A	LV426305	9090	LV426315	11640
	80A	LV426306	9090	LV426316	11640
	100A	LV426307	9090	LV426317	11640
	125A	LV426308	13690	LV426318	17420
	160A	LV426309	15140	LV426319	19290
50kA	16A	LV426400	11770	LV426410	14430
	25A	LV426401	11770	LV426411	14430
	32A	LV426402	11770	LV426412	14430
	40A	LV426403	11770	LV426413	14430
	50A	LV426404	11770	LV426414	14430
	63A	LV426405	11770	LV426415	14430
	80A	LV426406	11770	LV426416	14900
	100A	LV426407	11770	LV426417	14900
	125A	LV426408	16000	LV426418	18990
	160A	LV426409	17190	LV426419	20580
70kA	16A	LV426500	13820	LV426510	17310
	25A	LV426501	13820	LV426511	17310
	32A	LV426502	13820	LV426512	17310
	40A	LV426503	13820	LV426513	17310
	50A	LV426504	13820	LV426514	17310
	63A	LV426505	13820	LV426515	17310
	80A	LV426506	13820	LV426516	17310
	100A	LV426507	13820	LV426517	17310
	125A	LV426508	25750	LV426518	27510
	160A	LV426509	26000	LV426519	27780

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

- Suitability for isolation as defined by standard IEC 60947-3
- Self protected by their high-set magnetic release
- Single frame size upto 160A

## Compact NSXm NA switch-disconnector

### With Compression Lug connectors

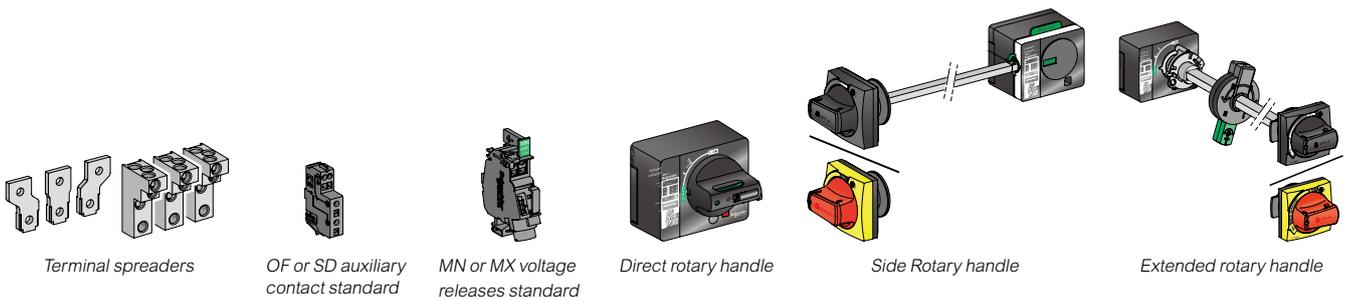
Rated Current	Three Pole Reference	Unit LP [₹]	Four Pole Reference	Unit LP [₹]
50A	LV426650	7970	LV426660	11780
100A	LV426651	7970	LV426661	11780
160A	LV426652	16310	LV426662	21750

## Compact NSXm NA switch-disconnector

### With EverLink™ connectors

Rated Current	Three Pole Reference	Unit LP [₹]	Four Pole Reference	Unit LP [₹]
50A	LV426600	8170	LV426610	12070
100A	LV426601	8170	LV426611	12070
160A	LV426602	16710	LV426612	22280

## Accessories for Compact NSXm 16A to 160A



## NSXm Accessories

### Auxiliary contacts (changeover)

Description	Reference	Unit LP [₹]
Standard OF or SD	LV426950	770

### Rotary Handles

Description	Reference	Unit LP [₹]
<b>Direct rotary handle</b>		
Standard black handle	LV426930	1060
<b>Extended rotary handle</b>		
Standard extended rotary black handle	LV426932	1570
<b>Side rotary handle</b>		
Standard side rotary black handle	LV426935	2690

### Rotary Handles

Description	Reference	Unit LP [₹]
<b>Spreaders &amp; Phase Barriers</b>		
Spreaders (Set of 3) 3P	LV426940	580
Spreaders (Set of 4) 4P	LV426941	590

### Voltage Releases

Description	Shunt Release Reference	Unit LP [₹]	Under Voltage Reference	Unit LP [₹]
<b>AC</b>				
24 V 50/60 Hz	LV426841	1890	LV426801	2460
48 V 50/60 Hz	LV426842		LV426802	
110-130 V 50/60 Hz	LV426843		LV426803	
220-240 V 50/60 Hz	LV426844		LV426804	
380-415 V 50 Hz	LV426846		LV426806	
<b>DC</b>				
24 V	LV426841	1890	LV426801	2460
48 V	LV426842		LV426802	
125 V	LV426843		LV426803	
250 V	LV426844		LV426815	

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

# EasyPact NKS/EZC EasyPact CVS

## Moulded Case Circuit Breakers for Distribution Network

### EasyPact NKS

Fixed Thermal Magnetic Trip Unit (TMD)

- Conforms to IEC60947-2

Breaking Capacity Icu as per IEC60947-2	Rated Current	Reference	Unit MRP [₹]
10kA *	15	NKS100R015AC3P	1500
	20	NKS100R020AC3P	1500
	25	NKS100R025AC3P	1500
	32	NKS100R032AC3P	1500
	40	NKS100R040AC3P	1500
	50	NKS100R050AC3P	1500
	63	NKS100R063AC3P	1500
	75	NKS100R075AC3P	1500
	100	NKS100R100AC3P	1500

\*Ics=5kA

### EasyPact EZC

Fixed Thermal Magnetic Trip Unit (TMD)



- Conforms to IEC60947-2
- Suitable for isolation
- Suitable for EasyPact Busbar system

Breaking Capacity Icu as per IEC 60947-2	Rated Current	Three Pole Reference	Unit MRP [₹]	Four Pole Reference	Unit MRP [₹]
30kA	15A	EZC100H3015	4160	EZC100H4015	5770
	20A	EZC100H3020		EZC100H4020	
	25A	EZC100H3025		EZC100H4025	
	32A	EZC100H3032		EZC100H4032	
	40A	EZC100H3040		EZC100H4040	
	50A	EZC100H3050		EZC100H4050	
	63A	EZC100H3063		EZC100H4063	
	80A	EZC100H3080		EZC100H4080	
	100A	EZC100H3100		EZC100H4100	

### EasyPact CVS

Fixed Thermal Magnetic Trip Unit (TMD)



- Ics = 100% Icu as per IEC 60947-2
- Suitable for Isolation
- Transparent Cover for trip unit as Standard
- Class II front face
- Single frame size 16-250A

Breaking Capacity as per IEC 60947-2	Rated Current	Three Pole Reference	Unit MRP [₹]	Four Pole Reference	Unit MRP [₹]
EasyPact CVS 100 to 630A Overload Setting (Ir) 0.7 - 1 x In					
25kA	16A	LV510300 <input checked="" type="checkbox"/>	6250	LV510310	8640
	25A	LV510301 <input checked="" type="checkbox"/>	6250	LV510311 <input checked="" type="checkbox"/>	8640
	32A	LV510302 <input checked="" type="checkbox"/>	6250	LV510312 <input checked="" type="checkbox"/>	8640
	40A	LV510303 <input checked="" type="checkbox"/>	6250	LV510313 <input checked="" type="checkbox"/>	8640
	50A	LV510304 <input checked="" type="checkbox"/>	6250	LV510314	8640
	63A	LV510305 <input checked="" type="checkbox"/>	6250	LV510315 <input checked="" type="checkbox"/>	8640
	80A	LV510306 <input checked="" type="checkbox"/>	6250	LV510316 <input checked="" type="checkbox"/>	8640
	100A	LV510307 <input checked="" type="checkbox"/>	6250	LV510317 <input checked="" type="checkbox"/>	8640
	125A	LV516302 <input checked="" type="checkbox"/>	9030	LV516312 <input checked="" type="checkbox"/>	10940
	160A	LV516303 <input checked="" type="checkbox"/>	11780	LV516313 <input checked="" type="checkbox"/>	13980
	200A	LV525302 <input checked="" type="checkbox"/>	15750	LV525312	19360
Breaking Capacity as per IEC 60947-2	Rated Current	Three Pole Reference	Unit LP [₹]	Four Pole Reference	Unit LP [₹]
25kA	250A	LV525303 <input checked="" type="checkbox"/>	18200	LV525313	22120

For details on non standard references, technical parameters, accessories, compatibility, stockable and non stockable status please contact Customer Care

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

### EasyPact NKS/EZC

Description	EZC100 Reference	Unit LP [₹]
<b>Auxiliary Contacts (changeover) Multifunction</b>		
Auxiliary Switch 1 C/O	EZAUX10 <input checked="" type="checkbox"/>	740
Alarm Switch 1 C/O	EZAUX01	740
Alarm - Auxiliary Switch	EZAUX11 <input checked="" type="checkbox"/>	1105
<b>Spreaders</b>		
Spreaders *(Set Of 3) 3P	EZASPDR3P <input checked="" type="checkbox"/>	300
Spreaders *(Set Of 4) 4P	EZASPDR4P <input checked="" type="checkbox"/>	400
<b>Phase Barriers</b>		
	EZAFASB2	185
<b>Rotary Handle</b>		
Direct Rotary handle	EZAROTDS <input checked="" type="checkbox"/>	1055
<b>Shunt Release</b>		
<b>AC</b>		
200-240V	EZASHT200AC <input checked="" type="checkbox"/>	1580
200-240 V (Under Voltage Release)	EZAUVR200AC <input checked="" type="checkbox"/>	on Request

### EasyPact CVS

#### Auxiliary Contacts (Changeover) Multifunction

Description	Reference	Unit LP [₹]
OF or SD or SDE or SDV	29450 <input checked="" type="checkbox"/>	820

#### Voltage Releases

Description	Shunt Release Reference	Unit LP [₹]	Undervoltage Reference	Unit LP [₹]
<b>AC</b>				
220-240 V 50/60 Hz	LV429387 <input checked="" type="checkbox"/>	2100	LV429407 <input checked="" type="checkbox"/>	2690

#### Installation Accessories

Description	100/160/250A Reference	Unit LP [₹]
Spreaders (Set of 3) 3P	LV431563 <input checked="" type="checkbox"/>	600
Spreaders (Set of 4) 4P	LV431564 <input checked="" type="checkbox"/>	800

#### Rotary Handles

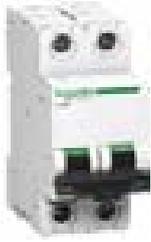
Description	100/160/250A Reference	Unit LP [₹]
<b>Direct rotary handle</b>		
Standard black handle	LV429337 <input checked="" type="checkbox"/>	1070
<b>Extended rotary handle</b>		
Standard extended rotary handle	LV429338 <input checked="" type="checkbox"/>	1700

For details on non standard references, technical parameters, accessories, compatibility, stockable and non stockable status please contact Customer Care

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

### AC Miniature Circuit Breakers - xC60



- Breaking Capacity as per IEC 60898 and IS/IEC 60898-1, Icn = 10kA
- Breaking Capacity as per IEC 60947-2, Icn = 15kA, upto 40A
- Can be used for DC application upto 60V per pole
- Higher system performance with optimized cost: Cascading\*
- Increased System Continuity: Discrimination\*
- Higher Installation Life: Energy Limitation Class 3, Fast Closure Mechanism
- Ease, Speed and Flexibility of installation - Biconnect, Line-Load Reversible
- Field-fittable auxiliaries for advance protection and monitoring
- Positive Contact Indication for assurance of disconnection

[In] Rated Current (A)	1 Pole Reference	Unit LP [₹]	2 Pole Reference	Unit LP [₹]	3 Pole Reference	Unit LP [₹]	4 Pole Reference	Unit LP [₹]
Module Width**	1 mod		2 mod		3 mod		4 mod	
MOQ	12 Nos.		6 Nos.		4 Nos.		3 Nos.	

#### B curve

6	A9N1P06B ✓	298	A9N2P06B ✓	902	A9N3P06B ✓	1475	A9N4P06B ✓	1990
10	A9N1P10B ✓	298	A9N2P10B ✓	902	A9N3P10B ✓	1475	A9N4P10B ✓	1990
16	A9N1P16B ✓	298	A9N2P16B ✓	902	A9N3P16B ✓	1475	A9N4P16B ✓	1990
20	A9N1P20B ✓	298	A9N2P20B ✓	902	A9N3P20B ✓	1475	A9N4P20B ✓	1990
25	A9N1P25B ✓	298	A9N2P25B ✓	902	A9N3P25B ✓	1475	A9N4P25B ✓	1990
32	A9N1P32B ✓	298	A9N2P32B ✓	902	A9N3P32B ✓	1475	A9N4P32B ✓	1990
40	A9N1P40B ✓	660	A9N2P40B ✓	1455	A9N3P40B ✓	2250	A9N4P40B ✓	2865
50	A9N1P50B ✓	660	A9N2P50B ✓	1455	A9N3P50B ✓	2250	A9N4P50B ✓	2865
63	A9N1P63B ✓	660	A9N2P63B ✓	1455	A9N3P63B ✓	2250	A9N4P63B ✓	2865

#### C curve

1	A9N1P01C ✓	464	A9N2P01C ✓	1255	A9N3P01C ✓	1940	A9N4P01C ✓	2450
2	A9N1P02C ✓	464	A9N2P02C ✓	1255	A9N3P02C ✓	1940	A9N4P02C ✓	2450
3	A9N1P03C ✓	464	A9N2P03C ✓	1255	A9N3P03C ✓	1940	A9N4P03C ✓	2450
4	A9N1P04C ✓	464	A9N2P04C ✓	1255	A9N3P04C ✓	1940	A9N4P04C ✓	2450
6	A9N1P06C ✓	298	A9N2P06C ✓	902	A9N3P06C ✓	1475	A9N4P06C ✓	1990
10	A9N1P10C ✓	298	A9N2P10C ✓	902	A9N3P10C ✓	1475	A9N4P10C ✓	1990
16	A9N1P16C ✓	298	A9N2P16C ✓	902	A9N3P16C ✓	1475	A9N4P16C ✓	1990
20	A9N1P20C ✓	298	A9N2P20C ✓	902	A9N3P20C ✓	1475	A9N4P20C ✓	1990
25	A9N1P25C ✓	298	A9N2P25C ✓	902	A9N3P25C ✓	1475	A9N4P25C ✓	1990
32	A9N1P32C ✓	298	A9N2P32C ✓	902	A9N3P32C ✓	1475	A9N4P32C ✓	1990
40	A9N1P40C ✓	660	A9N2P40C ✓	1455	A9N3P40C ✓	2250	A9N4P40C ✓	2865
50	A9N1P50C ✓	660	A9N2P50C ✓	1455	A9N3P50C ✓	2250	A9N4P50C ✓	2865
63	A9N1P63C ✓	660	A9N2P63C ✓	1455	A9N3P63C ✓	2250	A9N4P63C ✓	2865

#### D curve

1	A9N1P01D ✓	468	A9N2P01D	1265	A9N3P01D ✓	1980	----	----
2	A9N1P02D ✓	468	A9N2P02D ✓	1265	A9N3P02D ✓	1980	A9N4P02D	2465
3	A9N1P03D ✓	468	A9N2P03D ✓	1265	A9N3P03D ✓	1980	A9N4P03D	2465
4	A9N1P04D ✓	468	A9N2P04D ✓	1265	A9N3P04D ✓	1980	A9N4P04D	2465
6	A9N1P06D ✓	394	A9N2P06D ✓	946	A9N3P06D ✓	1550	A9N4P06D ✓	2065
10	A9N1P10D ✓	394	A9N2P10D ✓	946	A9N3P10D ✓	1550	A9N4P10D ✓	2065
16	A9N1P16D ✓	394	A9N2P16D ✓	946	A9N3P16D ✓	1550	A9N4P16D ✓	2065
20	A9N1P20D ✓	394	A9N2P20D ✓	946	A9N3P20D ✓	1550	A9N4P20D ✓	2065
25	A9N1P25D ✓	394	A9N2P25D ✓	946	A9N3P25D ✓	1550	A9N4P25D ✓	2065
32	A9N1P32D ✓	394	A9N2P32D ✓	946	A9N3P32D ✓	1550	A9N4P32D ✓	2065
40	A9N1P40D ✓	712	A9N2P40D ✓	1540	A9N3P40D ✓	2385	A9N4P40D ✓	2995
50	A9N1P50D ✓	712	A9N2P50D ✓	1540	A9N3P50D ✓	2385	A9N4P50D ✓	2995
63	A9N1P63D ✓	712	A9N2P63D ✓	1540	A9N3P63D ✓	2385	A9N4P63D ✓	2995

**Note:** \* Please contact nearest Schneider Electric Sales Office or Customer Care Center for coordination chart

\*\*18mm/module

Please contact Customer Care Center for Stockable and Non stockable status of references.

✓ NORMAL STOCK ITEMS

W.E.F. March 12, 2018

### AC Miniature Circuit Breakers - C120



- Breaking capacity as per IEC 60898, Icn = 10kA/15kA
- Positive Contact Indication for assurance of disconnection
- Degree of pollution: 3 (suitable for industrial environment)
- Operating Temperature: -30 to 70°C
- Terminal connections: Flexible cables up to 35 sq.mm; Rigid cables up to 50 sq.mm

[In] Rated Current (A)	1 Pole Reference	Unit LP (₹)	2 Pole Reference	Unit LP (₹)	3 Pole Reference	Unit LP (₹)	4 Pole Reference	Unit LP (₹)
Module Width**	1.5 mod		3 mod		4.5 mod		6 mod	
MOQ	12 Nos.		6 Nos.		4 Nos.		3 Nos.	
<b>C120N (10kA)</b>								
80	A9N18357 ✓	2400	A9N18361 ✓	5325	A9N18365 ✓	8390	A9N18372 ✓	10930
100	A9N18358 ✓	2695	A9N18362 ✓	5680	A9N18367 ✓	8940	A9N18374 ✓	11395
125	A9N18359 ✓	2905	A9N18363 ✓	6245	A9N18369 ✓	9915	A9N18376 ✓	12890
<b>C120H (15kA)</b>								
80	A9N18446	2880	A9N18457	6475	A9N18468	9860	A9N18479	12660
100	A9N18447	3175	A9N18458	6635	A9N18469	10740	A9N18480	13645
125	A9N18448	3470	A9N18459	7530	A9N18470	11590	A9N18481	14825

### DC Miniature Circuit Breakers - C60H



- Specially designed MCB for enhanced protection in DC installation
- Magnetic Arc Chutes to quick break DC current in event of fault
- Breaking capacity 6kA as per IEC 60947-2
- Voltage Rating: 1P - 250 V DC & 2P - 500 V DC
- Impulse Voltage: 6 kV
- Higher Installation Life: Energy Limiting Class: 3

[In] Rated Current (A)	Module Width 18mm/ module	1 Pole Reference	Unit LP (₹)	Module Width 18mm/ module	2 Pole Reference	Unit LP (₹)
MOQ		12 Nos.			6 Nos.	
<b>C60H-DC</b>						
0.5	1	A9N61500	892	2	A9N61520	1885
1	1	A9N61501 ✓	790	2	A9N61521 ✓	1635
2	1	A9N61502 ✓	790	2	A9N61522 ✓	1635
3	1	A9N61503 ✓	790	2	A9N61523 ✓	1635
4	1	A9N61504 ✓	790	2	A9N61524 ✓	1635
5	1	A9N61505	790	2	A9N61525	1635
6	1	A9N61506 ✓	648	2	A9N61526 ✓	1385
10	1	A9N61508 ✓	648	2	A9N61528 ✓	1385
16	1	A9N61511 ✓	648	2	A9N61531 ✓	1385
20	1	A9N61512 ✓	648	2	A9N61532 ✓	1385
25	1	A9N61513 ✓	648	2	A9N61533 ✓	1385
32	1	A9N61515 ✓	648	2	A9N61535 ✓	1385
40	1	A9N61517 ✓	888	2	A9N61537 ✓	1965
50	1	A9N61518 ✓	888	2	A9N61538 ✓	1965
63	1	A9N61519 ✓	888	2	A9N61539 ✓	1965

### Special application MCBs



#### Solar Application – PV DC

- DC MCB for multi string PV installations
- Operating Voltage: 800V DC
- Current Rating up to 25A
- Complies to IEC / EN 60947-2



#### Rail Application\* (including Rolling Stock)

- Fire & smoke Resistant – Level 2 (NF F 16-101, NF F 16-102)
- Shock & vibration resistant (IEC 61373) – Cat 1, Class B
- Breaking Capacity: up to 25kA
- Complies to IEC / EN 60947-2



#### UL MCB

- Type: UL1077, UL489
- Breaking Capacity of 10kA
- Complies to IEC 60947-2 / UL1077 / UL489 / CSA

#### Note:

Please contact nearest Schneider Electric sales office or Customer Care for Reference and prices of Application Specific MCBs

\*Rail Application RCDs are also available on demand

\*\*18mm/module

Please contact Customer Care Center for Stockable and Non stockable status of references.

✓ NORMAL STOCK ITEMS

W.E.F. March 12, 2018

### AC Residual Current Circuit Breakers - xID



- Complies to standards IEC/EN 61008-1 and IS 12640
- AC Class protection
- Selective range available for time based discrimination
- Easy Monitoring: Earth fault indication and Test Button on front face
- Operating temperature up to +70°C
- Mandatory to use OF-S auxiliary to add any indication or tripping auxiliary

[In] Rated Current (A)	Earth-Leakage Sensitivity (mA)	Module Width 18mm/module	2 Pole Reference	Unit LP [₹]	Module Width 18mm/module	4 Pole Reference	Unit LP [₹]
25	30	2	A9N16201	3220	4	A9N16251	4400
	100	2	A9N16203	3445	4	A9N16253	4585
	300	2	A9N16202	3550	4	A9N16252	4725
40	30	2	A9N16204	3795	4	A9N16254	4415
	100	2	A9N16205	4015	4	A9N16255	4615
	300	2	A9N16206	4130	4	A9N16256	4795
63	30	2	A9N16208	4485	4	A9N16258	5115
	100	2	A9N16209	4735	4	A9N16259	5455
	300	2	A9N16210	4830	4	A9N16260	5480
80	30	2	A9N16212	7545	4	A9N16261	8850
	100	2	A9N16213	7530	4	A9N16262	8830
	300	2	A9N16214	7670	4	A9N16263	8880

### AC Residual Current Circuit Breakers (RCCBs) - ID



- Complies to standards IEC 61008-1 and VDE 0664
- AC Class protection
- Degree of pollution: 3 (suitable for industrial environment)
- Electrical ON/OFF indication by using OFSP auxiliary

Poles Description	[In] Rated Current (A)	Earth-Leakage Sensitivity (mA)	Module Width 18mm/module	Reference	Unit LP [₹]
4P	100	30	4	**A9R11491	10735
		100	4	**A9R12491	11110
		30	4	16905	32885
	125	100	4	16906	33540
		300	4	16907	33700

Note: \*\*For 100A RCCB Auxiliary kindly contact Customer Care

### AC Residual Current Breaker Overload (RCBO) - DPN N Vigji



- Complies to standards IEC/EN 61009
- AC Class Protection; Tripping characteristics - C curve
- Overvoltage category (IEC 60364): IV
- Suitable for indication & tripping auxiliaries

Poles Description	[In] Rated Current (A)	Earth-Leakage Sensitivity (mA)	Module Width 18mm/module	Reference	Unit LP [₹]
1P+N	6	30	2	A9N19661	4670
		300	2	A9N19681	4830
	10	30	2	A9N19663	4670
		300	2	A9N19683	4830
	16	30	2	A9N19665	4670
		300	2	A9N19685	4830
	20	30	2	A9N19666	4670
		300	2	A9N19686	4830
	25	30	2	A9N19667	4670
		300	2	A9N19687	4830
	32	30	2	A9N19668	4900
		300	2	A9N19688	5075
	40	30	2	A9N19669	6020
		300	2	A9N19689	6180

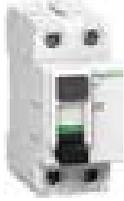
Note: Application specific RCDs also available with 10mA, 500mA and 1000mA sensitivities | Please contact nearest Schneider Electric Sales Office or Customer Care Center for Reference and Prices

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

### SI Type Residual Current Circuit Breakers (RCCBs) - xID SI



- Complies to standard IEC/EN 61008-1
- SI RCDs offer enhanced immunity against Electrical Disturbances; Polluted and Corrosive environments - Guaranteed performance in harsh operating conditions
- Ensures continuity of supply in networks with:
  - Transient overvoltages
  - Loads generating HF leakage current i.e. harmonics
  - Loads generating continuous leakage current
- Ensures tripping on genuine earth fault in networks with:
  - Pulsating DC components
  - HF applications which "Blinds" (non-tripping) the conventional RCDs

[In] Rated Current (A)	Earth-Leakage Sensitivity (mA)	Module Width 18mm/module	2 Pole Reference	Unit LP (₹)	Module Width 18mm/module	4 Pole Reference	Unit LP (₹)
25	30	2	A9N16234	6970	4	A9N16321	7770
40	30	2	A9N16237	7320	4	A9N16324	8015
63	30	2	A9N16240	7530	4	A9N16327	8225
	300	2	A9N16246	7590	4	A9N16334	8565

### Vigi Block for xC60 (Add-on RCD Module, 2 & 4 Pole)



Suitable for  
ComReady Auxiliary

- Flexibility to use MCB of any tripping curve to suit applications, ensuring best 3 in 1 protection
- No auxiliary supply required
- AC Class protection
- Degree of pollution: 3 (suitable for industrial environment)
- Immune to nuisance tripping due to transient over voltages

[In] Rated Current (A)	Earth-Leakage Sensitivity (mA)	Module Width 18mm/module	2 Pole Reference	Unit LP (₹)	Module Width 18mm/module	4 Pole Reference	Unit LP (₹)
25	30	1.5	A9N26581	4420	3	A9N26595	5310
	100	1.5	A9N26582	5525	3	A9N26596	5730
	300	1.5	A9N26583	5695	3	A9N26597	5900
63	30	2	A9N26611	6190	3.5	A9N26643	6505
	100	2	A9N26612	6435	3.5	A9N26644	6635
	300	2	A9N26613	6565	3.5	A9N26645	6765

Note: Vigi Block for High Rating up to 125A (C120) and High Breaking Capacity (NG125) available on demand

### SI Type Residual Current Breaker Overload (RCBO) - DPN N Vigi SI



Suitable for  
ComReady Auxiliary



- Complies to standard IEC/EN 61009
- Ensures continuity of supply in networks with:
  - Transient overvoltages
  - Loads generating HF leakage current i.e. harmonics
  - Loads generating continuous leakage current
- Ensures tripping on genuine earth fault in networks with :
  - Pulsating DC components
  - HF applications which "Blinds" (non-tripping) the conventional RCDs

Poles Description	[In] Rated Current (A)	Earth-Leakage Sensitivity (mA)	Module Width 18mm/module	Reference	Unit LP (₹)
1P+N	6	30	2	A9N19631	8950
		300	2	A9N19641	9475
	10	30	2	A9N19632	8950
		300	2	A9N19642	9475
	16	30	2	A9N19634	8950
		300	2	A9N19644	9475
	20	30	2	A9N19635	8950
		300	2	A9N19645	9475
	25	30	2	A9N19636	8950
		300	2	A9N19646	9475
	32	30	2	A9N19637	9455
		300	2	A9N19647	11545
	40	30	2	A9N19638	11220
		300	2	A9N19648	12485

\*For Prices, please contact nearest Schneider Electric Sales Office or Customer Care Center are Center for Reference and Prices

### Surge Arresters - Type 1+ 2



- Complies to IEC 61643-1 and EN 61643-11
- Withdrawable type: Easy Replacement
- Inbuilt SPD health Indicator: Also available with remote signaling
- For protection against Direct lightning surge, Indirect lightning surge, Switching surge
- Iimp up to 25kA & Imax upto 40kA
- **Always use a Back-up MCB with your SPD**
- Maximum Operating Voltage [Uc]: 350V

Type	Pole Description	Module Width 18mm/module	Reference	Unit LP [₹]
PRD1 25r	1P	2	16329	12385
	1P + N	4	16330	27245
	3P	6	16331	40860
	3P + N	8	16332	50765

### Surge Arresters iPRD- Type 2 (Withdrawable type) (TT, TN-S, TN-C Systems)



- In conformance with standards IEC 61643-11/2011 T2 and EN 61643-11 Type 2
- For protection against Indirect lightning surge and Switching surge
- Inbuilt health Indicator
- Response time < 25ns
- Imax (8/20 s): 65/40/15/8kA
- Maximum Operating Voltage [Uc]: 340V
- Level of protection,Up: 1.0 - 2.0 kV
- Remote indication contact with 8r/20r/40r/65r
- **Always use a Back-up MCB with your SPD**

Type	Rated Voltage (V)	Pole Description	Module Width 18mm/module	Reference	Unit LP [₹]
iPRD8	230	1P	1	A9L08100	3840
	230	1P+N	2	A9L08500	7185
	230/400	3P	3	A9L08300	9700
	230/400	3P+N	4	A9L08600	14650
iPRD8r	230	1P+N	2	A9L08501	8615
	230/400	3P+N	4	A9L08601	17580
	230	1P	1	A9L20100	4310
iPRD20	230	1P+N	2	A9L20500	9035
	230/400	3P	3	A9L20300	11570
	230/400	3P+N	4	A9L20600	16675
iPRD20r	230	1P+N	2	A9L20501	10745
	230/400	3P+N	4	A9L20601	20005
	230	1P	1	A9L40100	5090
iPRD40	230	1P+N	2	A9L40500	10405
	230/400	3P	3	A9L40300	14945
	230/400	3P+N	4	A9L40600	20845
iPRD40r	230	1P	1	A9L40101	6105
	230	1P+N	2	A9L40501	13420
	230/400	3P	3	A9L40301	20120
iPRD65r	230/400	3P+N	4	A9L40601	25010
	230	1P	1	A9L65101	8165
	230	1P+N	2	A9L65501	17105
	230/400	3P	3	A9L65301	22325
	230/400	3P+N	4	A9L65601	28970

### Spare Cartridges for iPRD



- Spare Cartridges for iPRD8r, iPRD20r, iPRD40r and iPRD65r
- End of life indication available on front face
- These Cartridges are not compatible with Old SPD range (A9L16...)\*\*

Type	Spare Cartridges for	Reference	Unit LP [₹]
iPRD 65-350	iPRD65r	A9L65102	5110
iPRD 40-350	iPRD40, iPRD40r	A9L40102	3930
iPRD 20-350	iPRD20, iPRD20r	A9L20102	3145
iPRD 8-350	iPRD8, iPRD8r	A9L08102	2755
iPRD Neutral	All products (1P+N, 3P+N)	A9L00002	4135

\*\*Spare Cartridges for Old SPD Range (A9L16...) are available on demand - please contact nearest Schneider Electric Sales Office or Customer Care for Reference and prices

**Note:** Note: For all above Reference MOQ = 1

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

### iQuick PRD - Type 2 with inbuilt MCB



- Compact SPD with in-built back up MCB - saving on space, MCB selection, wiring time
- Compliance to EN 61643-11
- Withdrawable Type - Cost Efficient - Allows damaged Cartridges to be replaced without having to replace entire SPD
- Inbuilt SPD Health Indicator on front face of device; Remote signaling functionality also available
- Incoming Protection: iQuick PRD 40r (High Risk level) and iQuick PRD 20r (Moderate Risk level)
- Secondary Protection: iQuick PRD 8r is cascade mounted with incoming surge arresters

Type	Pole Description	Module Width 18mm/module	Reference	Unit LP (₹)
iQuick PRD 8r	1P+N	4	A9L16298	10380
	3P	6.5	A9L16299	15250
	3P+N	7.5	A9L16300	18980
iQuick PRD 20r	1P+N	4	A9L16295	12450
	3P	6.5	A9L16296	18305
	3P+N	7.5	A9L16297	22775
Quick PRD 40r	1P+N	4	A9L16292	14540
	3P	6.5	A9L16293	21790
	3P+N	7.5	A9L16294	27080

**Note:** Spare / Replacement Cartridges available - For Reference and prices contact nearest sales office or customer care

### Photovoltaic surge arresters



- Protection for photovoltaic panels and the DC input to the inverter from overvoltages due to a lightning strike
- Type 2 surge arresters
- Should be installed in switchboard inside the building. If switchboard is located outside, it must be weatherproof
- Withdrawable surge arrester allows damaged Cartridges to be replaced quickly
- Inbuilt SPD Health Indicator on front face of device; Remote signaling functionality also available

Type	U (cpv) Maximum Operating Voltage (V)	Module Width 18mm/module	Reference	Unit LP (₹)
iPRD 40r	800	3	A9L40271	8565
	1000	3	A9L40281	9785

**Note:** Spare / Replacement Cartridges available - For Reference and prices contact nearest sales office or customer care

### Surge Arresters for Communication Networks



- Analogue telephone line protection: iPRC surge arrester wired in series to the private installation input, protects the telephones, the modems (including ADSL) etc
- Protection for 2 low-current lines without common potential or 4 lines with common reference potential
- iPRI protects measuring instrument and PLC sensor inputs and the DC power supply inputs up to 53 V and AC power supply inputs up to 37 V

Type	[Ue] Operational Voltage (V)	Module Width 18mm/module	Reference	Unit LP (₹)
PRI	48 V DC	1	A9L16339	14770
PRC	130 V AC	1	A9L16337	9035

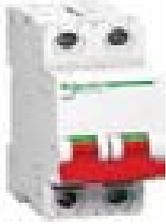
**Note:** For all above Reference MOQ = 1

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

### Isolator - xSW



- Complies to IEC/EN 60947-3
- Switching duty: AC-22
- Impulse voltage: 6kV
- DC application: 48V (110V with 2 poles in series)
- Short circuit withstand 20 In for 1 second
- Upto 80A Bi connect terminals & 100A to 125A with mono connect terminals

Poles Description	[In] Rated Current (A)	Module Width 18mm/module	MOQ	Reference	Unit LP [₹]
2	40	2	6	A9S2P040	554
	63	2	6	A9S2P063	732
	80	2	6	A9S2P080	880
	100	2	6	A9S2P100	1275
	125	2	6	A9S2P125	1315
3	40	3	4	A9S3P040	974
	63	3	4	A9S3P063	1140
4	40	4	3	A9S4P040	1230
	63	4	3	A9S4P063	1345
	80	4	3	A9S4P080	1785
	100	4	3	A9S4P100	2005
	125	4	3	A9S4P125	2170

### Selector Switch - iSSW



- Complies to IEC 60947-5-1 and IEC 60669-1
- Rating 20A, 250V AC
- Electrical life (AC22): 30,000 cycles
- Connection: tunnel terminals cables up to 10 sq. mm

No. of positions	Poles Description	Contacts	Module Width 18mm/module	MOQ	Reference	Unit LP [₹]
2	1	1 C/O	1	12	A9E18070	1145
	2	2 C/O	2	6	A9E18071	1580
		1NO + 1NC	1	12	A9E18072	918
3	1	1 C/O	1	12	A9E18073	1125
	2	2 C/O	2	6	A9E18074	1905

### iRO Buzzers



- Audible indication in housing and the tertiary sector
- Sound level of 70dBA at a distance of 60cm

Voltage	Module Width 18mm/module	Reference	Unit LP [₹]
230V AC	1	A9A15322	972
8..12V AC	1	A9A15323	814

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

### iCT Contactors



Suitable for  
**ComReady  
Auxiliary**

- Complies with standards IEC 1095, E N 61095
- 4 operating modes switch on front face :
  - Automatic mode
  - Temporary "ON" mode
  - Permanent "ON" mode
  - Shutdown
- Mechanical contact position Indicator
- Safe installation maintenance: lock the contactor in ON position
- Silent operation (20dB) for entire range

Type	Rating (A)	No. of Contacts	Module Width 18mm/module	Reference	Unit LP (₹)
1P	25	1NO	1	A9C20731	1775
	16	2NO	1	A9C22712	1825
2P	25	2NO	1	A9C20732	2185
	40	2NO	2	A9C20842	3740
	63	2NO	2	A9C20862	4780
3P	25	3NO	2	A9C20833	2770
	40	3NO	2	A9C20843	6255
	63	3NO	3	A9C20863	6800
4P	25	4NO	2	A9C20834	2945
	40	4NO	2	A9C20844	6380
	63	4NO	3	A9C20864	7690
	63	2NO + 2NC	3	A9C20868	7690

**Note:** 100A Contactor in 2P / 4P - available on request

### iTL Impulse Relays



Suitable for  
**ComReady  
Auxiliary**

- Complies with standards IEC/EN 60669-2-2
- Safe maintenance: disconnection of remote control by selector switch
- Manual Controls on front face: 0-I toggle
- Mechanical contact position Indicator
- Maximum 5 operations/min. and 100 switching operations/day
- Degree of pollution: 3 (suitable for industrial environment)

Type	Rating (A)	Control Voltage	No. of Contacts	Module Width	Reference	Unit LP (₹)
1P	16	230-240 VAC	1NO	1	A9C30811	1145
	32	230-240 VAC	1NO	1	A9C30831	1440
2P	16	230-240 VAC	2NO	1	A9C30812	1885
	32	230-240 VAC	2NO	1	A9C30831 + A9C32836	4470
3P	16	230-240 VAC	1NO+1NO/NC+1NO	2	A9C30811 + A9C32816	3575
	32	230-240 VAC	1NO+1NO/NC+1NO	2	A9C30831 + 2 x A9C32836	4470
4P	16	230-240 VAC	4NO	2	A9C30814	3910
	32	230-240 VAC	4NO	2	A9C30831 + 3 x A9C32836	4470

### iIL Indicator Lights



- Complies with standard IEC 60947-5-1
- Indicator light with LED technology
- Service life 100,000 hours with constant luminous efficiency

Type	Colour	Module Width 18mm/module	Reference	Unit LP (₹)
Single Indicator light	Red	1	A9E18320	1075
	Green	1	A9E18321	1075
	Blue	1	A9E18323	1075
	Orange	1	A9E18324	1075
3 phase voltage presence light	Red/Red/Red	1	A9E18327	2695
Single Push Button (1 NO+ 1NC)	Grey	1	A9E18033	1600

**Note:** For all above Reference MOQ = 1

Please contact Customer Care Center for Stockable and Non stockable status of references.

**NORMAL STOCK ITEMS**

W.E.F. March 12, 2018

Please contact Customer Care Center for Stockable and Non stockable status of references.

**NORMAL STOCK ITEMS**

W.E.F. March 12, 2018



Life Is 

**Schneider**  
 Electric

## Schneider Electric India Pvt. Ltd.

Corporate Office: 9th Floor, DLF Building No. 10, Tower C, DLF Cyber City, Phase II, Gurugram 122002 Haryana  
Tel.: ++91 124 3940400 Fax: ++91 124 4222036/ 037

### Ahmedabad

Schneider Electric India (P) Ltd.  
1506-1507, 15th Floor Shapth-5,  
SG Highway, Ahmedabad - 380015  
Tel.: 079-66826701

### Cochin

Schneider Electric India (P) Ltd.  
41 / 406- D1,3rd Floor, Beejay  
Towers,  
Rajaji Road Cochin- 682035  
Tel.: 0484-3048401

### Ludhiana

Schneider Electric India (P) Ltd.  
Office No. - 3, 5th Floor, Novelty Plaza  
Bhaiwala Chowk  
Ludhiana- 140001  
Tel.: 0161- 4656672-75

### Secunderabad

D.No. 1-8-271, # 401, Ashoka Bhoopal  
Chambers, SP Road,  
Secunderabad - 500003  
Tel.: 04039404000  
Fax.: 040-39131313

### Bengaluru

Schneider Electric India (P) Ltd.  
No. 3/1, JP Techno Park,  
Mezzanine Floor, Millers Tank Bund  
Road, Vasanth Nagar,  
Bengaluru - 560052. Tel.: 080-71481351

### Coimbatore

Schneider Electric India (P) Ltd.  
No. -104, Classic Tower, 3rd Floor,  
Trichy Road, Coimbatore- 641018  
Tel.: 0422-3940400

### Mumbai

Schneider Electric India (P) Ltd  
Marwah House, 2nd Floor  
Krishanlal Marwah Marg,  
Andheri (East), Mumbai - 400072  
Tel.: 91-22-30263300

### Vadodara

605 & 606, 6th Floor Ocean Building,  
Opp.Vadodara Central, Sarabhai Road,  
Vadodara-390005  
Tel.: 0265-3940400

### Bhubaneswar:

Schneider Electric India (P) Ltd.  
6th Floor, Block A, JSS Software Technol-  
ogy park , E 1/1 , Chandaka Industrial  
Estate, Info City , Bhubaneswar -751025  
Tel.: 0674-6672000

### Jaipur

Schneider Electric India (P) Ltd.  
Jaipur Business Centre 309, 3rd  
Floor, Sangam Tower 190, Church  
Road, Jaipur-302001  
Tel.: 0141-3912903

### Nagpur

Schneider Electric India (P) Ltd.  
Fortune Business Centre, 6,  
Basant Vihar, W.H.C Road  
Shankar Nagar, Nagpur- 440010  
Tel.: 0712-2558581

### Vishakhapatnam

Schneider Electric India (P) Ltd.  
Ratnam's Business Centre,  
D.N.10-1-43, 1st Floor  
Siripuram Fort,C.B.M.Compound,  
Visakhapatnam- 530016  
Tel.: 0891 - 2508990

### Chandigarh

Schneider Electric India (P) Ltd.  
2nd Floor of Tower A  
Bestech Business Tower  
Sector-66  
Mohali- 160059  
Tel.: 0172-3324500

### Kolkata

Schneider Electric (I)Pvt.Ltd,  
BP-4, Sector-V  
Technopolis  
3rd floor, Salt Lake City  
Kolkata- 700 091  
Tel.: 033-333640100-101

### Nashik:

Schneider Electric India (P) Ltd.  
401, 4th Floor Rishi Raj Towers, Jehan  
Circle, Gangapur Road,  
Nashik- 422013  
Tel: +91-7620498557

### Chennai

Schneider Electric India (P) Ltd.  
No:29, 2nd floor, Bannari Amman Towers,  
B-Block,RK Salai, Mylapore,  
Chennai - 600 004  
Tel.:044- 39404000

### Lucknow

Schneider Electric India (P) Ltd.  
1st Floor, Asha Bhawan 27 / II -A,  
Gokhale Marg, Lucknow- 226001  
Tel.: 0522-4006010

### Pune

Schneider Electric India (P) Ltd.  
1st Floor, R.B. Business Centre  
Above Dass Electronics  
Sanghvi Nagar, Aundh, Pune- 411007  
Tel.: 020-39404000

### Customer Care Centre

Monday-Saturday, 9 a.m. to 8 p.m.  
Toll-free numbers: 1800 419 4272, 1800 103 0011  
Email: [customercare.in@schneider-electric.com](mailto:customercare.in@schneider-electric.com)

For more information, visit our website at: [www.schneider-electric.co.in](http://www.schneider-electric.co.in)

- All Prices are in Indian Rupees.
- Prices are subject to change without notice.
- Prices charged will be as prevailing on the date of dispatch.
- Maximum Retail Price (MRP) is inclusive of all taxes
- Tax incidence on invoices is basis applicable GST rates.Invoice amount not to exceed MRP.
- Invoice Amount = (MRP – less Applicable discount) + Applicable GST %

**Distributor**