

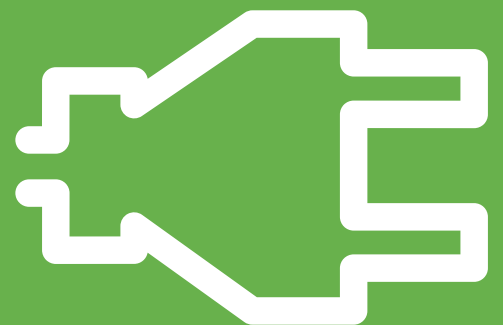
Life Is On

Schneider
Electric

 Price List

Low Voltage Distribution Products

With effect from March 12, 2018

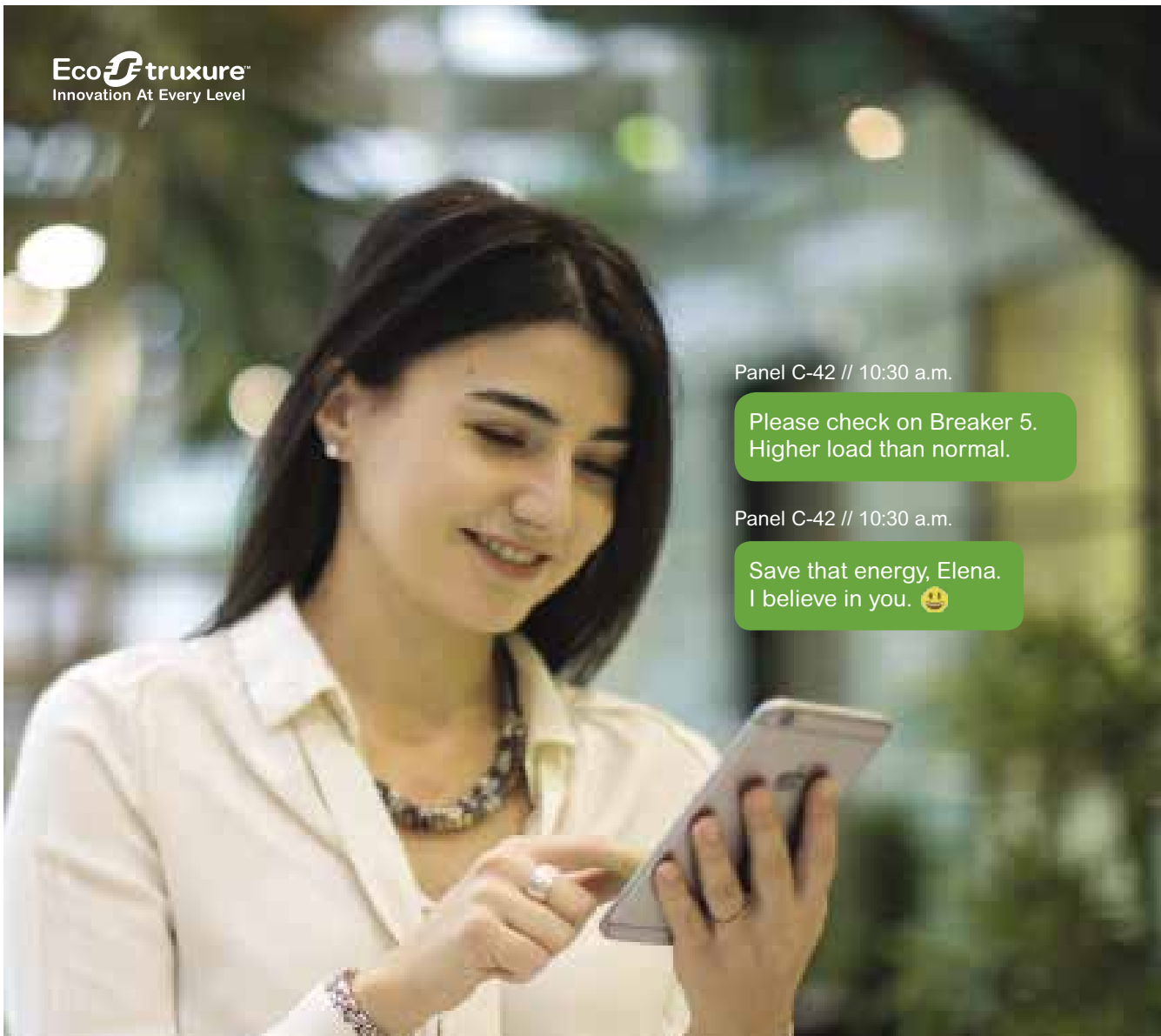


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Panel C-42 // 10:30 a.m.

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

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

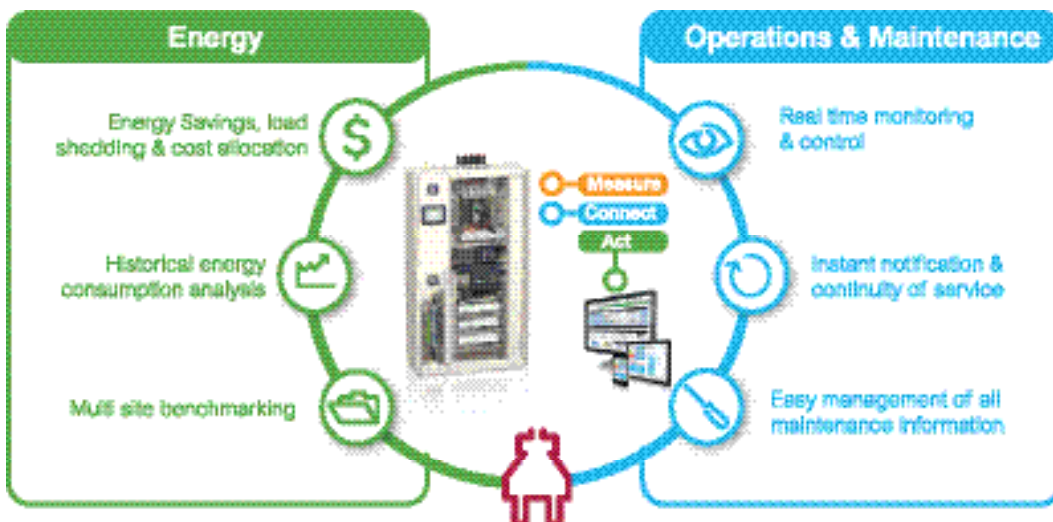
- Real time energy monitoring without any software
- Historical data viewing

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

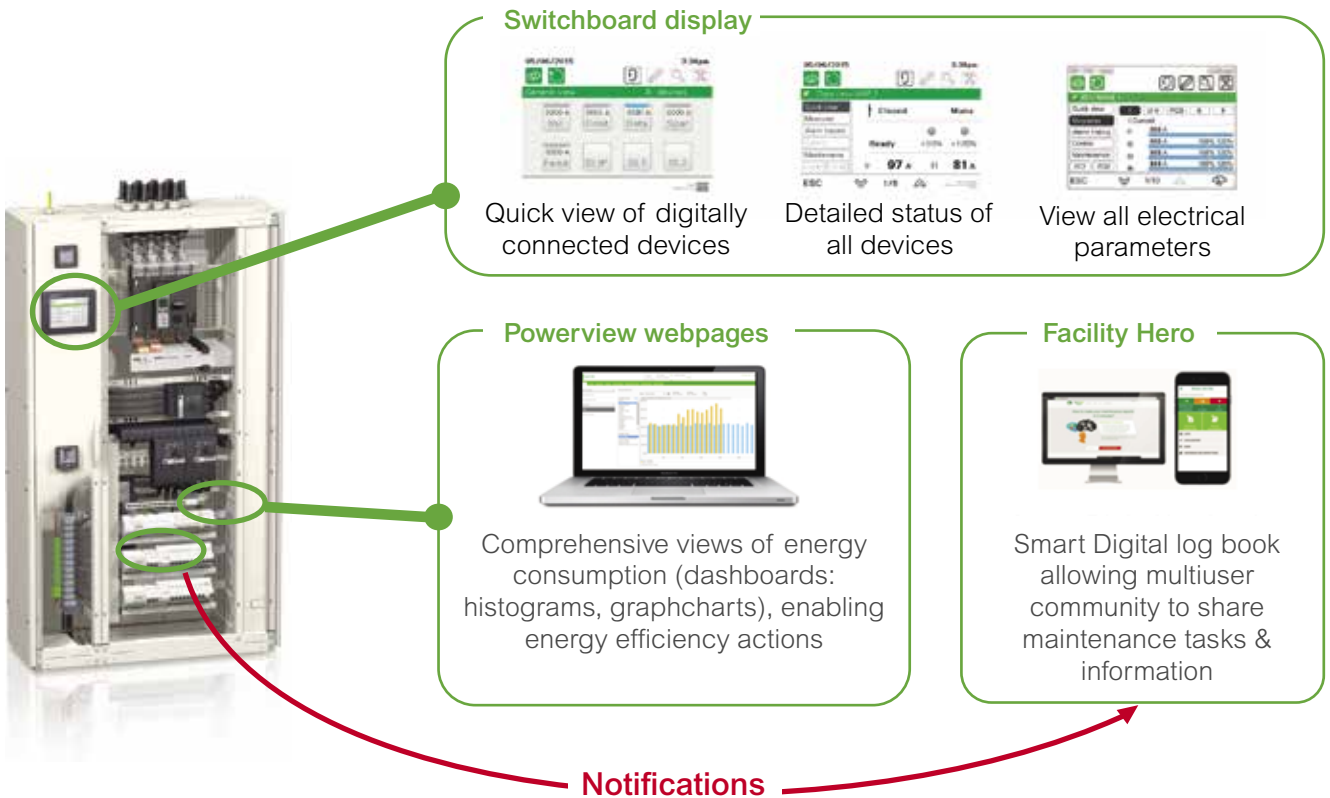
- Supply continuity monitoring
- Email notification of events (Overload, Short Circuit, Earth Fault, Temperature overrun etc)
- Tracking changes in Protection Settings
- Real time trend monitoring
- Trip history with time stamping



Ready to plug'in to Building and Energy management softwares

Smart Panels

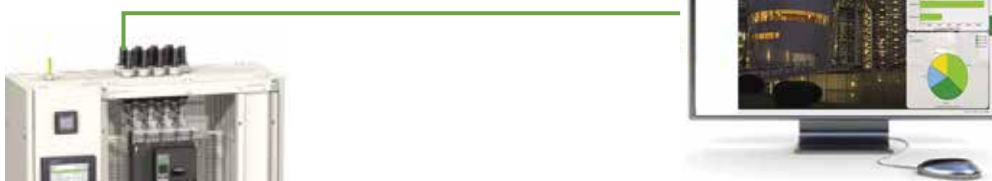
Simple energy & maintenance management without expensive software licenses



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
- Achieve 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

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Life Is On

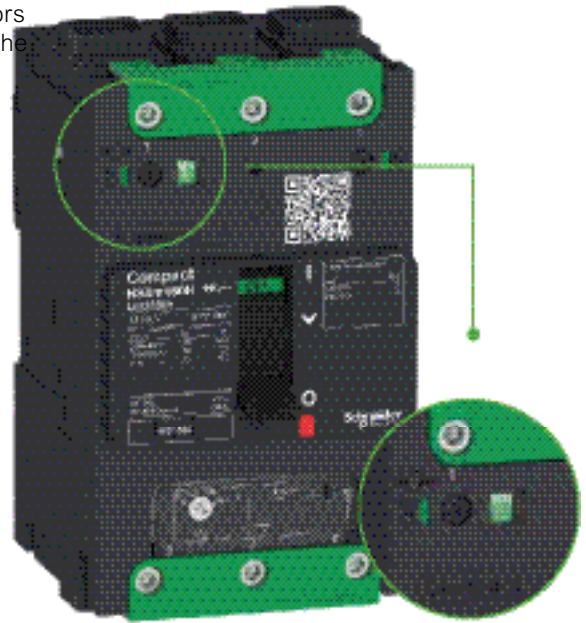
Schneider
Electric

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, 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



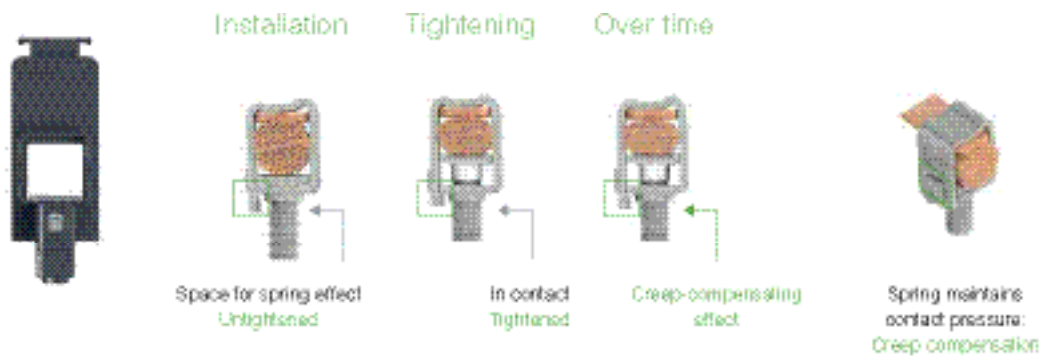
EverLink™ patented technology

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

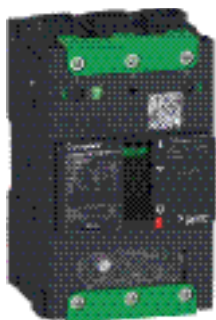
- With EverLink™ connectors, save space and time during panel assembly.
- Bare cable connections are as safe as compression lug ones.



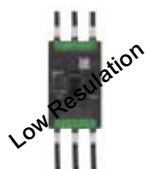
More than 35 patents have been registered for this new Compact NSXm offer.



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

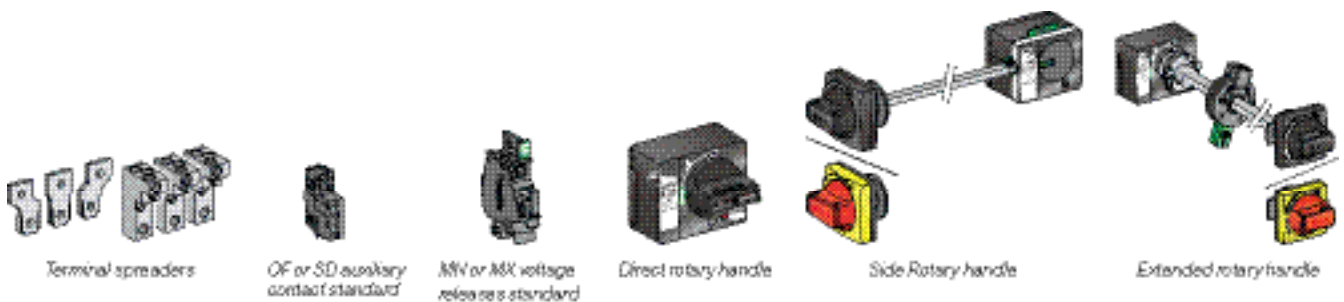
| Rated Current | Three Pole Reference | Unit LP [₹] | Four Pole Reference | Unit LP [₹] |
|---------------|----------------------|-------------|---------------------|-------------|
| 50A | LV426650 | 7970 | LV426660 | 11780 |
| 100A | LV426651 | 7970 | LV426661 | 11780 |
| 160A | LV426652 | 16310 | 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 [₹] |
|---------------------------------------|-----------|-------------|
| Direct rotary handle | | |
| Standard black handle | LV426930 | 1060 |
| Extended rotary handle | | |
| Standard extended rotary black handle | LV426932 | 1570 |
| Side rotary handle | | |
| Standard side rotary black handle | LV426935 | 2690 |

Rotary Handles

| Description | Reference | Unit LP [₹] |
|---------------------------------------|-----------|-------------|
| Spreaders & Phase Barriers | | |
| 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 [₹] |
|--------------------|-------------------------|-------------|-------------------------|-------------|
| AC | | | | |
| 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 | |
| DC | | | | |
| 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)

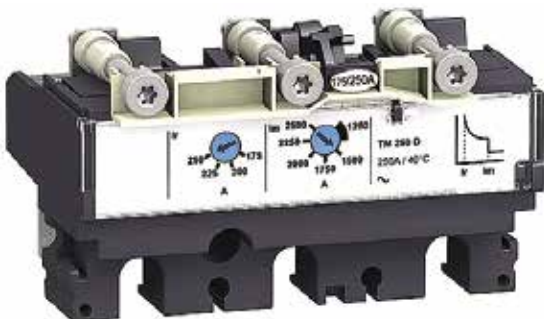


| Protection | Cases | Measurement | Application |
|---|------------------------------|-----------------------------|---|
| 1 I 2 LS ₀ I 5 LSI 6 LSIG | 2 NSX100-250 3 NSX400-630 | A Ammeter E Energy Meter | --- Distribution G Generator AB Subscriber M Motor Z 16Hz 2/3 |

Example

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

Thermal Magnetic Trip Unit



- Available from 16A - 250A
- Overload Setting (I_r) 0.7 - 1 x I_n
- Short Circuit Setting (I_m)
- Fixed upto 160A
- Adjustable 5 - 10 x I_r (for 200A - 250A)

- I** - Instantaneous
- S₀** - 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 <input checked="" type="checkbox"/> | 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 |

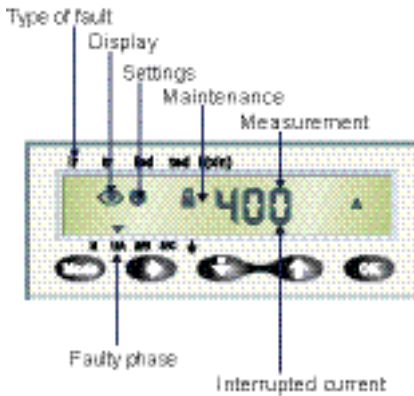
Note: Kindly order NSX/CVS MCCB +GFP+. Shunt trip coil.

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 $I_r 0.36$ to $1 \times I_n$ and $t_r = 0.5 - 16$ s
- Adjustable short circuit from $I_{sd} 1.5 - 10 \times I_r$ and $t_{sd} I_{2tON/OFF} 0.1 - 0.4$ s
- Adjustable earth fault $0.4 - 1 \times I_n$ (for $I_n=40A$) & $0.2 - 1 \times I_n$ (for $I_n>40A$) and $t_g I_{2tON/OFF} 0.1 - 0.4$ s
- Instantaneous protection $I_i 1.5 \times I_n - 15 \times I_n$ (40 - 160A), $12 \times I_n$ (250 - 400A) and $11 \times I_n$ (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.

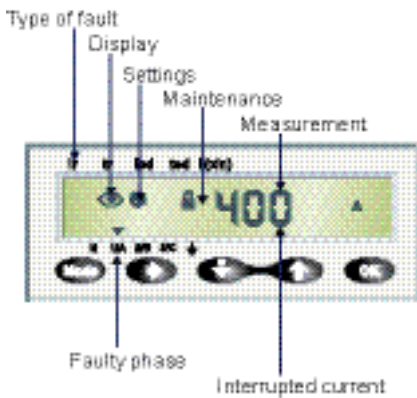
| Breaking Capacity Icu as per IEC 60947-2" | Rated Current | Three Pole Reference | Unit LP [₹] | Four Pole Reference | Unit LP [₹] |
|---|---------------|----------------------|-------------|---------------------|-------------|
| 25kA | 40A | LV429014X62A40 | 34030 | LV429015X62A40 | 38090 |
| | 100A | LV429014X62A100 | 34030 | LV429015X62A100 | 38090 |
| | 160A | LV430390X62A160 | 35990 | LV430395X62A160 | 43280 |
| 36kA | 250A | LV431390X62A250 | 41210 | LV431395X62A250 | 49370 |
| | 40A | LV429003X62A40 | 34030 | LV429008X62A40 | 39030 |
| | 100A | LV429003X62A100 | 34030 | LV429008X62A100 | 39030 |
| | 160A | LV430403X62A160 | 37010 | LV430408X62A160 | 44030 |
| | 250A | LV431403X62A250 | 41510 | LV431408X62A250 | 51000 |
| 50kA | 400A | LV432413X63A400 | 48650 | LV432415X63A400 | 54840 |
| | 630A | LV432813X63A630 | 55900 | LV432815X63A630 | 65180 |
| | 40A | LV429006X62A40 | 37010 | LV429011X62A40 | 42020 |
| | 100A | LV429006X62A100 | 37010 | LV429011X62A100 | 42020 |
| | 160A | LV430406X62A160 | 42020 | LV430411X62A160 | 45010 |
| 70kA | 250A | LV431406X62A250 | 44900 | LV431411X62A250 | 52220 |
| | 400A | LV432403X63A400 | 50000 | LV432408X63A400 | 60570 |
| | 630A | LV432803X63A630 | 56100 | LV432808X63A630 | 69350 |
| | 40A | LV429004X62A40 | 40990 | LV429009X62A40 | 47020 |
| | 100A | LV429004X62A100 | 40990 | LV429009X62A100 | 47020 |
| 70kA | 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 |
| | 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 Im 6 -14 x In (2.5 - 100A) & 9 - 14 x In (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 Isd = 5 -13 x In
- 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 (μ 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 [₹] |
|--|--|----------------|
| Auxiliary contacts (changeover) Multifunction | | |
| 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 |
| SDx 2-PROGRAMMABLE CONTACTS FOR MICROLOGIC | | |
| SDx module 24/415 V AC/DC | LV429532 | 10210 |
| SDTAM contactor tripping module for Micrologic 2- M/6 E-M | | |
| 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 [₹] |
|--------------------|--|----------------|--|----------------|
| AC | | | | |
| 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 | |
| DC | | | | |
| 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 [₹] |
|---|--|----------------|--|----------------|
| Spreaders & Phase Barrier | | | | |
| 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 |
| Interlocking | | | | |
| 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 |
| Locking of Rotary Handle | | | | |
| 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 [₹] | |
|--|-----------|--|-------------|--|-------------|--|-------------|-------|
| Motor Mechanism Modules with SDE adaptor ⁽¹⁾ | | | | | | | | |
| 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 [₹] |
|---|------------------------|-------------|---|-------------|
| Locking of Motor Mechanism | | | | |
| 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 [₹] |
|--|--|-------------|
| ULP Display Module | | |
| Switchboard front display module FDM121 | TRV00121 <input checked="" type="checkbox"/> | 10685 |
| ULP Wiring Accessories | | |
| 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 |
| ULP Communication Module | | |
| IFM MODBUS Interface Module | LV434000 | 9330 |
| BSCM (Breaker Status and Control Module) | LV434205 <input checked="" type="checkbox"/> | 7860 |
| Power Supply Modules | | |
| External power supply module 24 V DC-1 A OVC IV | | |
| 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

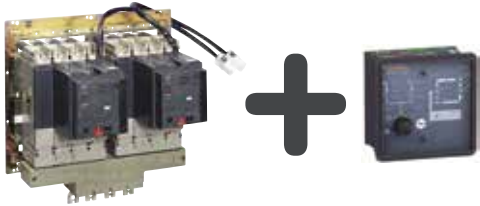
| Description | 100/160/250A Reference | Unit LP [₹] | 400/630A Reference | Unit LP [₹] |
|--|--|-------------|--|-------------|
| Rotary Handles | | | | |
| Standard direct black handle | LV429337 <input checked="" type="checkbox"/> | 1070 | LV432597 <input checked="" type="checkbox"/> | 1605 |
| Standard extended rotary handle | LV429338 <input checked="" type="checkbox"/> | 1700 | LV432598 <input checked="" type="checkbox"/> | 3020 |
| Plug in Base (Complete Kit) | | | | |
| 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 |
| Draw-Out Chassis Kit | | | | |
| 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 |
| Plug In / Withdrawable version Accessories | | | | |
| Automatic Auxillary Connectors | | | | |
| 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 |
| Manual Auxillary Connectors | | | | |
| 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.

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 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.

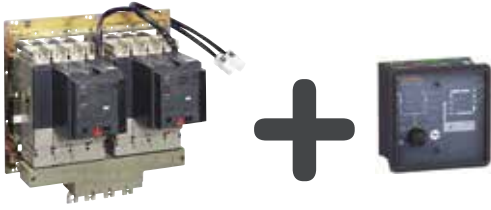
UA controller with 220/240V AC is not available

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

| | | | | | |
|-----------------|--------|-------|--------|--------|--------|
| LB 200kA | ■ | ■ | | | |
| L 150kA | ■ | ■ | ■ | | |
| H 70kA | ■ | ■ | ■ | ■ | ■ |
| n 50kA | ■ | ■ | ■ | ■ | ■ |
| | NS630b | NS800 | NS1000 | NS1250 | NS1600 |

| | | | | |
|---------------|---------|--------|--------|--------|
| H 85kA | ■ | ■ | ■ | ■ |
| N 70kA | ■ | ■ | ■ | ■ |
| | 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_r) 0.4 - 1 x I_n
- Short circuit (Instantaneous) 1.5 - 10 x I_r

| Breaking Capacity Icu as per IEC 60947-2 | Rated Current [A] | Three Pole Reference | Unit LP [₹] | Four Pole Reference | Unit LP [₹] |
|---|----------------------|--|----------------|--|----------------|
| With Direct Rotary Handle | | | | | |
| 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 |
| With Extended Rotary Handle | | | | | |
| 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 [₹] |
|---|----------------------|-------------------------|----------------|------------------------|----------------|
| With Direct Rotary Handle | | | | | |
| 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 |
| With Extended Rotary Handle | | | | | |
| 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 _r | Adjustable Overload Current | 0.4 - 1 x I _n |
| t _r | Adjustable Overload time delay | 0.5 - 24 sec |
| I _{sd} | Adjustable Short Circuit Current | 1.5 - 10 x I _r |
| t _{sd} | Adjustable Short Circuit time delay | 0.1 - 0.4sec & OFF (I ² t ON/OFF) |
| I _i | Adjustable Instantaneous Current | 2 - 15 x I _n & OFF |
| I _g | Adjustable Earth Fault Current | 0.2 - I _n (for <1250A) / 500 - 1200A (for >=1250A) |
| t _g | Adjustable Earth Fault time delay | 0.1 - 0.4sec & OFF (I ² t ON/OFF) |

Display shows readings of I₁, I₂, I₃, I_n & 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 [₹] |
|---|----------------------|-------------------------|----------------|------------------------|----------------|
| With Direct Rotary Handle | | | | | |
| 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 |
| With Extended Rotary Handle | | | | | |
| 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 [₹] |
|---|----------------------|-------------------------|----------------|------------------------|----------------|
| With Direct Rotary Handle | | | | | |
| 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 |
| With Extended Rotary Handle | | | | | |
| 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 _{sd} | Adjustable Short Circuit Current | 1.5 - 10 x Ir |
| t _{sd} | Adjustable Short Circuit time delay | 0.1 - 0.4sec & OFF (I ^t ON/OFF) |
| I _i | Adjustable Instantaneous Current | 2 - 15 x In & OFF |
| I _g | Adjustable Earth Fault Current | 0.2 - In (for <1250A) / 500 - 1200A (for >=1250A) |
| t _g | Adjustable Earth Fault time delay | 0.1 - 0.4sec & OFF (I ^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 [₹] |
|--|-------------------|----------------------|-------------|---------------------|-------------|
| For Control Voltage 220/240V AC | | | | | |
| 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 |
| For Control Voltage 415V AC | | | | | |
| 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 [₹] |
|--|-------------------|----------------------|-------------|---------------------|-------------|
| For Control Voltage 220/240V AC | | | | | |
| 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 |
| For Control Voltage 415V AC | | | | | |
| 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 ² 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 ² 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 [₹] |
|---|----------------------|-------------------------|----------------|------------------------|----------------|
| For Control Voltage 220/240V AC | | | | | |
| 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 |
| For Control Voltage 415V AC | | | | | |
| 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 [₹] |
|---|----------------------|-------------------------|----------------|------------------------|----------------|
| For Control Voltage 220/240V AC | | | | | |
| 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 |
| For Control Voltage 415V AC | | | | | |
| 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 [₹] |
|-------------------------|-----------|---|-------------|---|-------------|
| Voltage Releases | | | | | |
| 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 [₹] |
|--|---|-------------|
| Auxiliary contacts (changeover) Multifunction | | |
| 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 |
| Spreaders | | |
| Spreaders *(Set Of 3) 3P | EZASPDR3P <input checked="" type="checkbox"/> | 300 |
| Spreaders *(Set Of 4) 4P | EZASPDR4P <input checked="" type="checkbox"/> | 400 |
| Rotary Handle | | |
| Direct Rotary handle | EZAROTDS <input checked="" type="checkbox"/> | 1055 |
| Extended Rotary handle | EZAROTE | 1580 |
| Shunt Release | | |
| AC | | |
| 100-130 V | EZASHT100AC | 1580 |
| 200-277 V | EZASHT200AC <input checked="" type="checkbox"/> | 1580 |
| 380-480 V | EZASHT380AC | 1580 |
| DC | | |
| 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 |

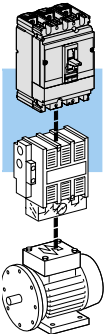
EasyPact CVS 400 to 630A With Microprocessor Based Trip Unit



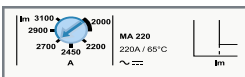
- Ics = 100% Icu as per IEC 60947-2
- Suitable for Isolation
- Adjustable Overload from 0.5 to 1*In
- Adjustable Short Circuit from 2 to 10*Ir
- Adjustable Neutral Protection - N, N/2, OFF for 4 Pole MCCB
- Inbuilt Thermal Memory

| 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 [₹] |
|--------------------|--|----------------|--|----------------|
| AC | | | | |
| 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 | | |
| DC | | | | |
| 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 [₹] |
|---------------------------------|--|----------------|--|----------------|
| Direct rotary handle | | | | |
| Standard black handle | LV429337 <input checked="" type="checkbox"/> | 1070 | LV432597 <input checked="" type="checkbox"/> | 1605 |
| Extended rotary handle | | | | |
| 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 [₹] |
|---|--|----------------|--|----------------|
| Spreaders & Phase Barriers | | | | |
| 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 |
| Interlocking | | | | |
| 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 |
| Locking of Rotary Handle | | | | |
| 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 |

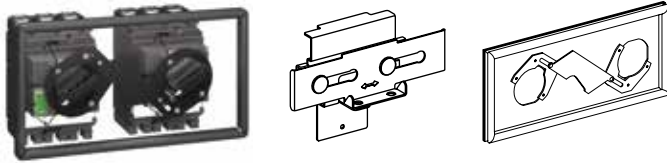
* supplied as standard with spreaders

** 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 [₹] |
|---|-----------|----------------|
| Mechanical interlocking for circuit breakers | | |
| 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 [₹] |
|--------------------|----------------------------|-----------------|---------------------------|----------------|
| AC | | | | |
| 220-240 V 50/60 Hz | LV580061 | 2155 | LV580071 | 2700 |

Rotary Handles

| Description | 800A Reference | Unit LP [₹] |
|---------------------------------|--|----------------|
| Extended rotary handle | | |
| 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 _{rm} (A) | Contactor Type | Thermal Relay Type | Thermal range I _{rth} | I _q kA | I _r kA |
|-----------------|---------------|--------|----------------------|-------------------|---------|---------------------|----------------|--------------------------|--------------------------------|-------------------|-------------------|
| 0.37 | 1.1 | 1.6 | CVS100-MA | 2.5 | 6..13 | 22.5 | LC1E09 | LRE06 ⁽³⁾ | 1..1.6 | 50 | 1 |
| 0.55 | 1.5 | 1.6 | CVS100-MA | 2.5 | 6..14 | 32.5 | LC1E09 | LRE06 ⁽³⁾ | 1..1.6 | 50 | 1 |
| 0.75 | 1.8 | 2.5 | CVS100-MA | 2.5 | 6..14 | 32.5 | LC1E09 | LRE07 ⁽³⁾ | 1.6..2.5 | 50 | 1 |
| 1.1 | 2.6 | 4 | CVS100-MA | 6.3 | 6..14 | 57 | LC1E32 | LRE08 ⁽³⁾ | 2.5..4 | 50 | 1 |
| 1.5 | 3.4 | 4 | CVS100-MA | 6.3 | 6..14 | 57 | LC1E32 | LRE08 ⁽³⁾ | 2.5..4 | 50 | 1 |
| 2.2 | 4.8 | 6 | CVS100-MA | 6.3 | 6..14 | 82 | LC1E32 | LRE10 ⁽³⁾ | 4..6 | 50 | 1 |
| 3 | 6.5 | 8 | CVS100-MA | 12.5 | 6..14 | 113 | LC1E80 | LRE12 ⁽¹⁾⁽³⁾ | 5.5..8 | 50 | 1 |
| 4 | 8.2 | 10 | CVS100-MA | 12.5 | 6..14 | 138 | LC1E80 | LRE14 ⁽¹⁾⁽³⁾ | 7..10 | 50 | 1 |
| 5.5 | 11 | 12.5 | CVS100-MA | 12.5 | 6..14 | 163 | LC1E80 | LRE16 ⁽¹⁾⁽³⁾ | 9..13 | 50 | 1 |
| 7.5 | 14 | 18 | CVS100-MA | 25 | 6..14 | 250 | LC1E80 | LRE21 ⁽¹⁾⁽³⁾ | 12..18 | 50 | 3 |
| 10 | 19 | 25 | CVS100-MA | 25 | 6..14 | 325 | LC1E80 | LRE322 ⁽²⁾⁽³⁾ | 17..25 | 50 | 3 |
| 11 | 21 | 25 | CVS100-MA | 25 | 6..14 | 325 | LC1E80 | LRE322 ⁽²⁾⁽³⁾ | 17..25 | 50 | 3 |
| 15 | 28 | 32 | CVS100-MA | 50 | 6..14 | 450 | LC1E80 | LRE353 ⁽²⁾⁽³⁾ | 23..32 | 50 | 3 |
| 18.5 | 34 | 40 | CVS100-MA | 50 | 6..14 | 550 | LC1E80 | LRE355 ⁽²⁾⁽³⁾ | 30..40 | 50 | 3 |
| 22 | 40 | 50 | CVS100-MA | 50 | 6..14 | 650 | LC1E80 | LRE357 ⁽²⁾ | 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

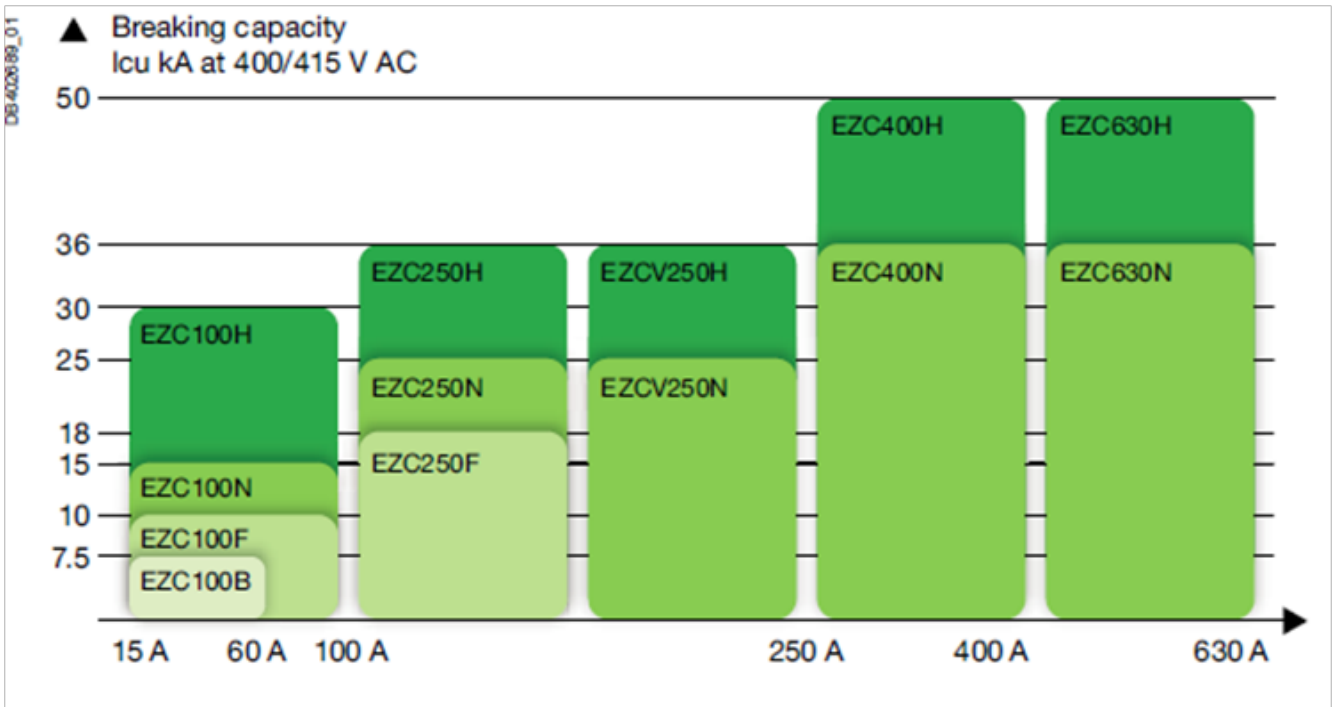


With just three sizes of circuit breakers, Schneider Electric's EasyPact EZC system is the simple, universal solution, particularly adapted to Buildings and OEM segments

- 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 [₹] |
|--|---|-------------|---|-------------|
| Auxiliary Contacts (changeover) Multifunction | | | | |
| 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 |
| Spreaders | | | | |
| 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 |
| Phase Barriers | | | | |
| | EZAFASB2 | 185 | EZEFASB2 | 255 |
| Rotary Handle | | | | |
| Direct Rotary handle | EZAROTDS <input checked="" type="checkbox"/> | 1055 | EZEROTDS | 1320 |
| Extended Rotary handle | EZAROTE | 1580 | EZEROTE | 1580 |
| Shunt Release | | | | |
| AC | | | | |
| 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 |
| DC | | | | |
| 24 V | EZASHT024DC | 1580 | EZESHT024DC | 1580 |
| 48 V | EZASHT048DC | | EZESHT048DC | 1580 |

| Description | EZC 400/600 Reference | Unit LP [₹] |
|----------------------------------|-----------------------|-------------|
| Auxiliary Contacts | | |
| OF or SD or SDE | 29450 | 820 |
| Spreaders | | |
| Spreaders (Set of 3) 3P | 32492 | 1360 |
| Spreaders (Set of 4) 4P | 32493 | 1730 |
| Phase Barriers (Set of 6) | | |
| | LV432570 | 685 |
| Rotary Handle | | |
| Direct Rotary handle | LV432597 | 1605 |
| Extended Rotary handle | LV432598 | 3020 |
| Shunt Release | | |
| 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 [₹] |
|--|---------------------|----------------|-----------------------------|----------------|
| Auxiliary contacts (changeover) Multifunction | | | | |
| Auxiliary Switch 1 C/O | EZAUX10 | 740 | AX1CT1L | 705 |
| Alarm Switch 1 C/O | EZAUX01 | 740 | AL1CT1NR | 790 |
| Alarm - Auxiliary Switch | EZAUX11 | 1105 | | |
| Spreaders | | | | |
| Spreaders *(Set Of 3) 3P | EZASPD3P | 300 | NKSP13 | 280 |
| Phase Barriers | | | | |
| | EZAFASB2 | 185 | - | - |
| Rotary Handle | | | | |
| Direct Rotary handle | EZAROTDS | 1055 | - | - |
| Extended Rotary handle | EZAROTE | 1580 | NDHOMT1 | 1095 |
| Shunt Release | | | | |
| AC | | | | |
| 100-130 V | EZASHT100AC | 1580 | - | - |
| 200-277 V | EZASHT200AC | 1580 | SHT240ACT1L | 635 |
| 380-480 V | EZASHT380AC | 1580 | - | - |
| 440 V | - | - | - | - |
| DC | | | | |
| 24 V | EZASHT024DC | 1580 | - | - |
| 48 V | EZASHT024DC | 1580 | - | - |
| 110 V | EZASHT048DC | 1580 | - | - |
| 220 V | - | - | - | - |
| AC | | | | |
| 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 [₹] |
|--|--|-------------|
| Auxiliary contacts (changeover) | | |
| Auxiliary Switch 1 C/O | AX1CT1L | 705 |
| Alarm Switch 1 C/O | AL1CT1NR | 790 |
| Rotary handles | | |
| Standard extended rotary handle | NDHOMT1 | 1095 |
| Spreaders | | |
| 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

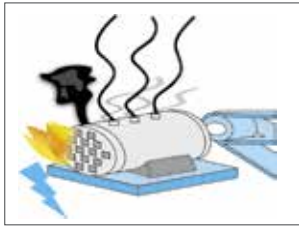
W.E.F. March 12, 2018

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.

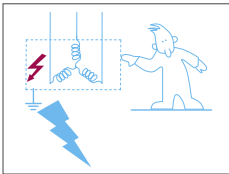
NORMAL STOCK ITEMS

W.E.F. March 12, 2018

Earth Leakage Protection

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

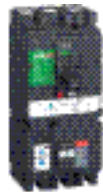
VIGI Module Earth Leakage Device for EasyPact CVS/ Compact NSX Range Moulded Case Circuit Breakers



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

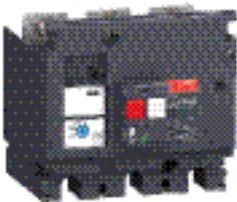
| MCCB Frame | Type | Three Pole Reference ⁽¹⁾ | Unit MRP [₹] | Four Pole Reference | Unit MRP [₹] |
|-------------------|------|--|--------------|---------------------|--------------|
| CVS/NSX - 100/160 | ME | LV429212 | 11930 | LV429213 | 12890 |
| CVS/NSX - 100/160 | MH | LV429210 <input checked="" 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"> • Sensitivity - 300mA (fixed) • Instantaneous time delay • Fixed < 40ms | <ul style="list-style-type: none"> • Sensitivity - adjustable • 30mA - 300mA-1A-3A-10A • Instantaneous time delay(ms) • 0 - 60 ⁽²⁾ - 150 ⁽²⁾ - 310 ⁽²⁾ | <ul style="list-style-type: none"> • Sensitivity - adjustable • 300mA-1A-3A-10A -30A • Instantaneous time delay (ms) • 0 - 60 - 150 - 310 |

(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 [₹] |
|--|----------------------|--------------|---------------------|--------------|
| CVS/NSX 100- 250A | | | | |
| 220 to 440V AC | LV429459 | 14260 | LV429460 | 15325 |
| Connection for a 4P insulation monitoring module on a 3P breaker | - | - | LV429214 | 5885 |
| CVS/NSX 400- 630A | | | | |
| 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 | 220/240VAC | 56130 | 9425 | 56230 | 10355 |
| Sensitivity=0.03A | 380/415VAC | 56140 | | 56240 | |
| RH99 with local manual fault reset | 220/240VAC | 56173 | 14245 | 56273 | 15420 |
| Sensitivity = 0.03- 30A & time delay= 0-4.5s | 380/415VAC | 56174 | 15710 | 56274 | 16195 |
| RH197P with local manual or automatic fault reset | 220/240VAC | | - | 56507* | 17440 |
| Sensitivity = 0.03- 30A & time delay= 0-4.5s | 380/415VAC | | - | 56508* | 18315 |
| RH197P with local manual or automatic fault reset | 220/240VAC | | - | 56512** | 17615 |
| Sensitivity = 0.03- 30A & time delay= 0-4.5s | 380/415VAC | | - | 56513** | 18490 |

* alarm at 50% of fault threshold

** alarm at 100% of fault threshold

Vigirex Sensors



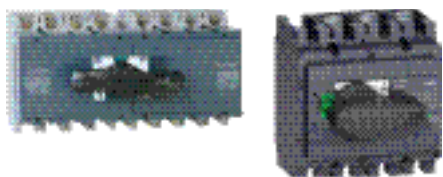
| Type | Ie(A) Rated Operational Current | Inside Diameter (mm) | Reference | Unit MRP [₹] |
|-------|---------------------------------|----------------------|-----------|--------------|
| TA30 | 65 | 30 | 50437 | 6005 |
| PA50 | 85 | 50 | 50438 | 8375 |
| IA80 | 160 | 80 | 50439 | 9975 |
| MA120 | 250 | 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 disconnecter fuses, fuse switch disconnectors and disconnecter 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 [₹] |
|--|--|-------------|
| NX032/NX063/NX080 | | |
| 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 |
| NX100/NX125/NX160 | | |
| 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 |
| NX200 | | |
| 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 |
| NX250/315/400 | | |
| 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 |
| NX630 | | |
| 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 | 10NHCO0G | 10 | LC1E09 | 9 | LC1E09 | 9 | LRE07 | 1.6-2.5 |
| 2.2 | 3 | 5 | 3 | NX32 | 16NHCO0G | 16 | LC1E09 | 9 | LC1E09 | 9 | LRE08 | 2.5-4 |
| 3 | 4 | 7 | 4 | NX32 | 16NHCO0G | 16 | LC1E09 | 9 | LC1E09 | 9 | LRE08 | 2.5-4 |
| 4 | 5.3 | 9 | 5 | NX32 | 20NHCO0G | 20 | LC1E09 | 9 | LC1E09 | 9 | LRE10 | 4-6 |
| 5.5 | 7.5 | 10 | 6 | NX32 | 20NHCO0G | 20 | LC1E09 | 9 | LC1E09 | 9 | LRE12 | 5.5-8 |
| 7.5 | 10 | 16 | 9 | NX32 | 32NHCO0G | 32 | LC1E09 | 9 | LC1E09 | 9 | LRE14 | 7-10 |
| 9 | 12 | 17 | 10 | NX32 | 32NHCO0G | 32 | LC1E09 | 9 | LC1E12 | 9 | LRE14 | 7-10 |
| 11 | 15 | 21 | 12 | NX63 | 50NHCO0G | 50 | LC1E12 | 12 | LC1E12 | 12 | LRE16 | 9-13 |
| 15 | 20 | 28 | 16 | NX63 | 63NHCO0G | 63 | LC1E18 | 18 | LC1E18 | 18 | LRE21 | 12-18 |
| 22 | 30 | 42 | 24 | NX80 | 80NHCO0G | 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

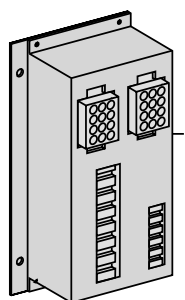
This Kit comprises of :

- > 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



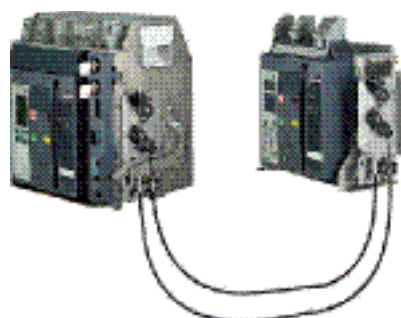
ACP Unit



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 |
|-------------------|------------------------------------|---------------|---------------|
| Features | Current Metering | | ● |
| | Voltage Metering | | ● |
| | ZSI | ● | ● |
| | % Loading Bar Graph for each phase | ● | ● |
| | Thermal Memory | ● | ● |
| | Last 10 Trip History | | |
| Protection | 2 (L, I) | 2L | 2A |
| | | 6G | 6A |

EasyPact ACB Communication Module NEW



Connect



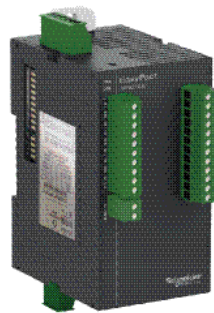
Control



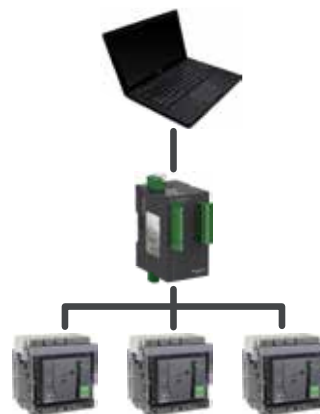
Manage

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 | Example : ACB reference with ET6G trip unit - MVS08N3MW6L. For switch disconnector reference replace 6L by 0D i.e MVS08N3MW0D |
| ACB with ET6A trip unit (LCD display with Current Metering) | Add | ₹9200 | Example : ACB reference with ET6G trip unit - MVS08N3MW6L. For ACB reference with ET6A trip unit replace 6L by 6A i.e MVS08N3MW6A |
| ACB with ET6V trip unit (LCD display with Current Metering & Voltage Metering and Last 10 Trip History) | Add | ₹21200 | Example : ACB reference with ET6G trip unit - MVS08N3MW6L. For ACB reference with ET6V trip unit replace 6L by 6V 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 | Example : ACB reference with ET2L trip unit - MVS08N3MW2L. For ACB reference with ET2A trip unit replace 2L by 2A i.e MVS08N3MW2A |
| ACB with ET2V trip unit (LCD display with Current Metering & Voltage Metering and Last 10 Trip History) | Add | ₹13800 | Example : ACB reference with ET2L trip unit - MVS08N3MW2L. For ACB reference with ET2V trip unit replace 2L by 2V 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 | Example : ACB reference with ET6G trip unit - MVS08N3MF6L. For switch disconnector reference replace 6L by 0D i.e MVS08N3MF0D |
| ACB with ET6A trip unit (LCD display with Current Metering) | Add | ₹9200 | Example : ACB reference with ET6G trip unit - MVS08N3MF6L. For ACB reference with ET6A trip unit replace 6L by 6A i.e MVS08N3MF6A |
| ACB with ET6V trip unit (LCD display with Current Metering & Voltage Metering and Last 10 Trip History) | Add | ₹21200 | Example : ACB reference with ET6G trip unit - MVS08N3MF6L. For ACB reference with ET6V trip unit replace 6L by 6V 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
- Icu=Ics=Icw(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 | Example : ACB reference with ET2L trip unit - MVS08N3MF2L. For ACB reference with ET2A trip unit replace 2L by 2A i.e MVS08N3MF2A |
| ACB with ET2V trip unit (LCD display with Current Metering & Voltage Metering and Last 10 Trip History) | Add ₹13800 | Example : ACB reference with ET2L trip unit - MVS08N3MF2L. For ACB reference with ET2V trip unit replace 2L by 2V 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 [₹] |
|--------------------------------------|---|--|-------------|
| Gear Motor (MCH) | | | |
| 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 | |
| Closing Release (XF) | | | |
| 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 | |
| Opening Release (MX) | | | |
| 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"/> | |
| Terminal Block | | | |
| For drawout circuit breaker | | 47849 | 210 |
| Under Voltage Release (MN) | | | |
| 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"/> | |
| MN Delay Unit | | | |
| 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"/> | |
| | ON/OFF Indication Contacts (Additional OF contact) | | |
| 1 additional block of 4 contacts | | 47887 | 4600 |
| Door Interlock (VPECD)/1 part | | | |
| On right hand side of chassis | | 47914 <input checked="" type="checkbox"/> | 2500 |
| Operation Counter | | | |
| 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 [₹] |
|--|---------------------------|-----------|-------------|
| Gear Motor (MCH) | | | |
| 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 |
| Terminal Block | | | |
| For Fixed circuit breaker | | 47074 | 190 |
| For Drawout circuit breaker | | 33098 | 215 |
| ON/OFF Indication contacts (OF) 1Part | | | |
| Changeover contact 6A | 240V | 47076 | 1050 |
| Ready to close contact | | | |
| Changeover contact 5A | 240V | 47080 | 2400 |
| Door interlock (VPECD)/1 part | | | |
| 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

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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

For more information, visit our website at: 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