

# The next generation of Electrification

**Low Voltage Power Distribution Products**

**Price List w.e.f. 5th November 2026**

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# 3WA air circuit breakers

## Made for makers. Simply reliable

Every power supply depends on a reliable infeed of electricity. The SENTRON 3WA air circuit breaker combines all the functions that today's digital companies need from electrification components. That includes reliable protection of people and systems from electrical damage and accidents, flexible use and retrofit options, a long service life and reduced maintenance, as well as innovative features consistent with engineering tools, reliable energy data acquisition, and seamless integration in digital environments. As a key component of electrical power distribution, the SENTRON 3WA air circuit breaker provides the foundation for integrated energy systems in the digital age.

### Trust the tried-and-tested

- Consistent portfolio
- Easy function extension
- Long-term security

### Benefit from efficiency

- Optimal selectivity
- Highest product quality
- Time and cost savings for switchgear integration

### Solutions with potential

- Permanent flexibility
- Future-proof communication solutions
- High system transparency

### Enjoy consistency

- Consistent tool landscape
- Comfortable planning and project engineering

**siemens.com/3wa**




Future ready

Easy operation

Advanced connectivity

Smallest footprint

Shorter downtime




Operator safety

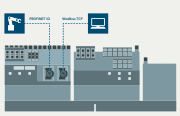
Efficient metering

Easy upgrade

Enhanced safety

Cyber security

High system availability



Dual COM Profinet with CC-C

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# 3WA air circuit breakers

## The future of digital power distribution

The future will be connected.

The makers of tomorrow will require advanced diagnostics and safety during operation. They will need access to their power distribution system remotely and securely. With 3WA we invite you to a more connected and sustainable tomorrow.

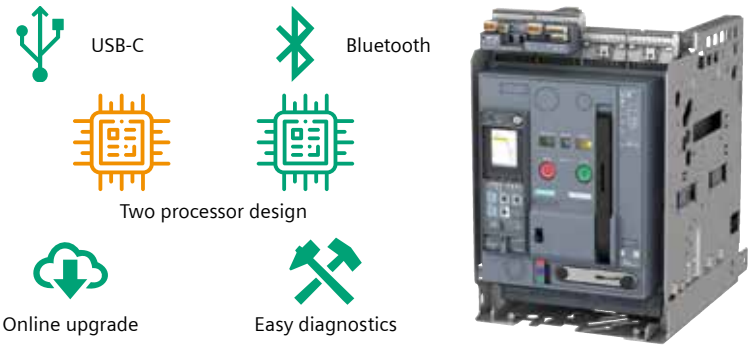
Welcome to the future of digital power distribution.

**siemens.com/3wa**

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# ACB: SENTRON 3WA

- Conforms to IEC 60947-2
- Rated current - 630A to 6300A
- Short circuit breaking capacity upto 150kA
- Fully rated upto 55°C with 100% rated neutral
- Best in class endurance
- Upgradeable ETU with unique dual processor
- Industry leading diagnostic & testing features
- Cybersecure communication module with dual communication
- Advanced metering as per IEC 61557-12




## Standard breaking capacity $I_{cs}$ = 100% $I_{cu}$

### Microprocessor based trip unit ETU600 with LSING[1] protection

| Frame Size | Rated Current In (A) | | Withdrawable[2] design with Guide Frame | | | |
|---|---|---|---|---|---|---|
| | | | 3 Pole^ | Unit LP* ₹ | 4 Pole^ | Unit LP* ₹ |
| I | 630 | MDO | 3WA1106-2AF32-0AA0 | POR | 3WA1106-2AF42-0AA0 | POR |
| | | EDO | 3WA1106-2AF32-4EA4 | POR | 3WA1106-2AF42-4EA4 | POR |
| | 800 | MDO | 3WA1108-2AF32-0AA0 | POR | 3WA1108-2AF42-0AA0 | POR |
| | | EDO | 3WA1108-2AF32-4EA4 | POR | 3WA1108-2AF42-4EA4 | POR |
| | 1000 | MDO | 3WA1110-2AF32-0AA0 | POR | 3WA1110-2AF42-0AA0 | POR |
| | | EDO | 3WA1110-2AF32-4EA4 | POR | 3WA1110-2AF42-4EA4 | POR |
| | 1250 | MDO | 3WA1112-2AF32-0AA0 | POR | 3WA1112-2AF42-0AA0 | POR |
| | | EDO | 3WA1112-2AF32-4EA4 | POR | 3WA1112-2AF42-4EA4 | POR |
| | 1600 | MDO | 3WA1116-2AF32-0AA0 | POR | 3WA1116-2AF42-0AA0 | POR |
| | | EDO | 3WA1116-2AF32-4EA4 | POR | 3WA1116-2AF42-4EA4 | POR |
| II | 2000 | MDO | 3WA1220-3AF32-0AA0 | POR | 3WA1220-3AF42-0AA0 | POR |
| | | EDO | 3WA1220-3AF32-4EA4 | POR | 3WA1220-3AF42-4EA4 | POR |
| | 2500 | MDO | 3WA1225-3AF32-0AA0 | POR | 3WA1225-3AF42-0AA0 | POR |
| | | EDO | 3WA1225-3AF32-4EA4 | POR | 3WA1225-3AF42-4EA4 | POR |
| | 3200 | MDO | 3WA1232-3AF32-0AA0 | POR | 3WA1232-3AF42-0AA0 | POR |
| | | EDO | 3WA1232-3AF32-4EA4 | POR | 3WA1232-3AF42-4EA4 | POR |
| | 4000 | MDO | 3WA1240-3AF31-0AA0 | POR | 3WA1240-3AF41-0AA0 | POR |
| | | EDO | 3WA1240-3AF31-4EA4 | POR | 3WA1240-3AF41-4EA4 | POR |
| III | 5000 | MDO | 3WA1350-5AF32-0AA0 | 4664850.- | 3WA1350-5AF42-0AA0 | 5881315.- |
| | | EDO | 3WA1350-5AF32-4EA4 | 4955860.- | 3WA1350-5AF42-4EA4 | 6172325.- |
| | 6300 | MDO | 3WA1363-5AF31-0AA0 | 6223670.- | 3WA1363-5AF41-0AA0 | 7785250.- |
| | | EDO | 3WA1363-5AF31-4EA4 | 6514680.- | 3WA1363-5AF41-4EA4 | 8076260.- |

L: Overload protection
G: Ground fault protection
S: Delayed Short Circuit protection
N: Neutral protection
I: Short circuit protection

**Note: Std. Pkg. = 1 unit**

1) Current transformer for N-conductor shall be ordered separately for 3P ACB with Earth Fault and Neutral Conductor Protection.
2) Standard Accessories included for draw out type ACB (EDO/MDO) = Safety shutter, door sealing frame, Spring charge signaling switch (Standard along with spring charging motor), ready to close signal switch, auxiliary contacts 2NO+2NC, trip unit transparent cover & trip signal switch (Not applicable for ACBs without trip unit).

Prices of ACBs with other breaking capacities, fixed type, 1000/1150V AC applications & DC applications available on request

^ For complete ordering code please contact your nearest Siemens Sales Office

### Add-on options (Factory fitted)

| Description | Add LP* ₹ |
|---|---|
| Door Interlock | POR |
| Position Signal Switch for Withdrawable Breaker | |
| Castell lock mounting kit# | |
| Mutual Mechanical Interlocking (Bowden wire) | |
| PROFINET / MODBUS TCP Communication module | |

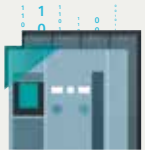
| Motorised Mechanism | Add LP* ₹ |
|---|---|
| 208-240VAC, 220Vdc motor, closing coil & Shunt trip coil | POR |
| 110-127VAC, 110Vdc motor, closing coil & Shunt trip coil | |

*Motorized mechanism with other control voltages are available on request*

# Castell locks are to be ordered separately.

*Please contact your nearest Siemens Sales Office for complete ordering code.*

Scan for more info



# Accessories

| Description | AC 50/60Hz V | DC V | Type | Unit LP* ₹ |
|---|---|---|---|---|
| **Shunt Release or Closing Coil** | – | 24-30 | 3WA9111-0AD02 | 46320.- |
| Suitable for continuous operation | 110-127 | 110-125 | 3WA9111-0AD05 | 46320.- |
| | 208-240 | 220-250 | 3WA9111-0AD06 | 46320.- |
| **Under Voltage Release** (Instantaneous) | 380-415 | – | 3WA9111-0AE07 | 51200.- |
| **Motorised Operating Mechanism** | – | 24-30 | 3WA9111-0AF02 | 256070.- |
| | 110-127 | 110-125 | 3WA9111-0AF05 | 256070.- |
| | 208-240 | 220-250 | 3WA9111-0AF06 | 256070.- |
| **Castell Lock** | – | – | 3WX3663-6JEL_ $ | 13055.- |

Please order necessary auxiliary terminal blocks as per circuit diagram while ordering accessories. Please contact your nearest Siemens Sales Office for type nos. and prices.

$ Types of castell locks shall be of type A, B, C, D, AB, AC; _ to be replaced by the type no.

Std. Pkg. = 1 unit POR: Price On Request * LP - List Price

# SENTRON Powerconfig

## Parameterization and commissioning of LV power distribution

**Parameterization**
- Network scan
- Online / Offline comparison
- Reading in the device parameters

**Diagnosis**
- Measured value recording
- Communication test
- Device diagnosis




**Service**
- Firmware update
- Function upgrade

**Documentation**
- Project file
- Documentation export
- Device template



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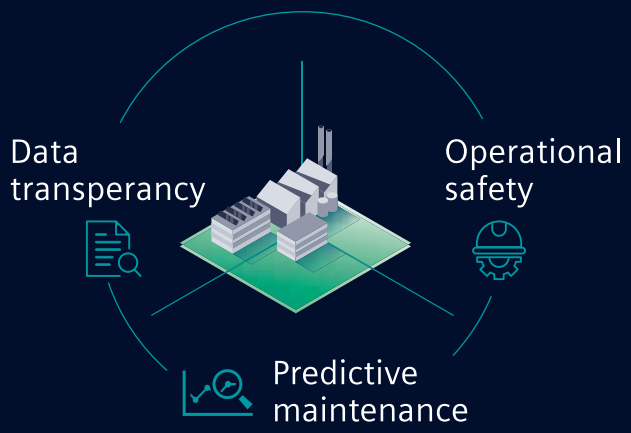


# SENTRON 3WT*Plus*

## Air Circuit Breakers

**Powering smart installations**

- **Integrated communication and metering option**
- **Easy parameterization and diagnostics with Powerconfig**






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# ACB: SENTRON 3WT*Plus*



- Conforms to IEC 60947-2
- Rated current - 630A to 4000A
- $U_{imp}$ = 12kV
- **Integrated communication & metering option**
- **Easy parameterization and diagnostics with Powerconfig**
- Mechanical contact erosion indicator
- Fully rated upto 50°C
- Integrated LCD display and Online test facility
- Variants available for 690V AC applications

## Standard breaking capacity, 500VAC $I_{cs}$ = 100% $I_{cu}$

**Microprocessor based trip unit** ETU37WT: LSING[1] + Display

| Frame Size | Rated current In (A) | | | Withdrawable design with Guide Frame [2] | | | |
|---|---|---|---|---|---|---|---|
| | | | | 3 Pole | Unit LP* ₹ | 4 Pole | Unit LP* ₹ |
| I | | 630 | MDO | 3WT8061-6AA04-5AB2 | 733000.- | 3WT8065-6AA04-5AB2 | 952920.- |
| | | | EDO | 3WT8061-6UA34-5AB2 | 948130.- | 3WT8065-6UA34-5AB2 | 1168050.- |
| | | 800 | MDO | 3WT8081-6AA04-5AB2 | 773600.- | 3WT8085-6AA04-5AB2 | 1012670.- |
| | | | EDO | 3WT8081-6UA34-5AB2 | 988730.- | 3WT8085-6UA34-5AB2 | 1227800.- |
| | | 1000 | MDO | 3WT8101-6AA04-5AB2 | 794590.- | 3WT8105-6AA04-5AB2 | 1030680.- |
| | | | EDO | 3WT8101-6UA34-5AB2 | 1009720.- | 3WT8105-6UA34-5AB2 | 1245810.- |
| | | 1250 | MDO | 3WT8121-6AA04-5AB2 | 975990.- | 3WT8125-6AA04-5AB2 | 1160270.- |
| | | | EDO | 3WT8121-6UA34-5AB2 | 1191120.- | 3WT8125-6UA34-5AB2 | 1375400.- |
| | ● | 1600 | MDO | 3WT8161-6AA04-5AB2 | 1047505.- | 3WT8165-6AA04-5AB2 | 1268020.- |
| | | | EDO | 3WT8161-6UA34-5AB2 | 1262635.- | 3WT8165-6UA34-5AB2 | 1483150.- |
| II | ● | 2000 | MDO | 3WT8202-6AA04-5AB2 | 1316100.- | 3WT8206-6AA04-5AB2 | 1619790.- |
| | | | EDO | 3WT8202-6UA34-5AB2 | 1531230.- | 3WT8206-6UA34-5AB2 | 1834920.- |
| | ● | 2500 | MDO | 3WT8252-6AA04-5AB2 | 1490755.- | 3WT8256-6AA04-5AB2 | 1895260.- |
| | | | EDO | 3WT8252-6UA34-5AB2 | 1705885.- | 3WT8256-6UA34-5AB2 | 2110390.- |
| | ● | 3200 | MDO | 3WT8322-6AA04-5AB2 | 1911240.- | 3WT8326-6AA04-5AB2 | 2345100.- |
| | | | EDO | 3WT8322-6UA34-5AB2 | 2126370.- | 3WT8326-6UA34-5AB2 | 2560230.- |

**Microprocessor based Trip Units**
ETU35WT: LSI + Display — ↑ 5 Reduce 440.- — ↑ 5 Reduce 440.-

**Microprocessor based trip unit** ETU37WT: LSING[1] + Display

| Frame Size | Rated current In (A) | | | Fixed Mounted design [3] | | | |
|---|---|---|---|---|---|---|---|
| | | | | 3 Pole | Unit LP* ₹ | 4 Pole | Unit LP* ₹ |
| I | | 630 | MF | 3WT8061-6AA00-0AA2 | 538660.- | 3WT8065-6AA00-0AA2 | 728770.- |
| | | | EF | 3WT8061-6UA30-0AA2 | 753790.- | 3WT8065-6UA30-0AA2 | 943900.- |
| | | 800 | MF | 3WT8081-6AA00-0AA2 | 581435.- | 3WT8085-6AA00-0AA2 | 800020.- |
| | | | EF | 3WT8081-6UA30-0AA2 | 796565.- | 3WT8085-6UA30-0AA2 | 1015150.- |
| | | 1000 | MF | 3WT8101-6AA00-0AA2 | 592735.- | 3WT8105-6AA00-0AA2 | 847510.- |
| | | | EF | 3WT8101-6UA30-0AA2 | 807865.- | 3WT8105-6UA30-0AA2 | 1062640.- |
| | | 1250 | MF | 3WT8121-6AA00-0AA2 | 806225.- | 3WT8125-6AA00-0AA2 | 953375.- |
| | | | EF | 3WT8121-6UA30-0AA2 | 1021355.- | 3WT8125-6UA30-0AA2 | 1168505.- |
| | ● | 1600 | MF | 3WT8161-6AA00-0AA2 | 823180.- | 3WT8165-6AA00-0AA2 | 1021220.- |
| | | | EF | 3WT8161-6UA30-0AA2 | 1038310.- | 3WT8165-6UA30-0AA2 | 1236350.- |
| II | ● | 2000 | MF | 3WT8202-6AA00-0AA2 | 925790.- | 3WT8206-6AA00-0AA2 | 1328990.- |
| | | | EF | 3WT8202-6UA30-0AA2 | 1140920.- | 3WT8206-6UA30-0AA2 | 1544120.- |
| | ● | 2500 | MF | 3WT8252-6AA00-0AA2 | 1045010.- | 3WT8256-6AA00-0AA2 | 1560340.- |
| | | | EF | 3WT8252-6UA30-0AA2 | 1260140.- | 3WT8256-6UA30-0AA2 | 1775470.- |
| | ● | 3200 | MF | 3WT8322-6AA00-0AA2 | 1591105.- | 3WT8326-6AA00-0AA2 | 1959540.- |
| | | | EF | 3WT8322-6UA30-0AA2 | 1806235.- | 3WT8326-6UA30-0AA2 | 2174670.- |

**Microprocessor based Trip Units**
ETU35WT: LSI + Display — ↑ 5 Reduce 440.- — ↑ 5 Reduce 440.-

**For Non-Automatic ACBs please deduct ₹ 1005/- from the LPs of the ACBs marked ●.** *For type nos. of Non-Automatic ACBs please contact your nearest Siemens Sales Office*

L: Overload protection S: Delayed Short Circuit protection I: Short circuit protection G: Ground fault protection[1] N: Neutral protection[1]

Standard accessories included for electrical ACB (EDO/EF) = Motor operated mechanism, with mechanical and electrical closing, motor and closing solenoid of 220-240V AC/DC and shunt release of 220-240V AC/DC.

1) Current transformer for N-conductor shall be ordered separately for 3P ACB with Earth Fault and Neutral Conductor Protection.

2) Standard Accessories included for draw out type ACB (EDO/MDO) = Safety shutter, sealing cap over Off button, door sealing frame, trip unit transparent cover, trip signaling contact, ready to close signaling contact, auxiliary contacts 2NO+ 2NC

3) Standard accessories included for fixed type ACB (EF/MF) = Door sealing frame, trip unit transparent cover, trip signaling contact, ready to close signaling contact, auxiliary contacts 2NO+2NC

**Note: Please contact your nearest Siemens Sales Office for information on prices of 4000A ACB.**

Std. Pkg. = 1 unit * LP - List Price

# 3WT*Plus* Accessories

| Description | AC 50/60Hz V | DC V | Type | Unit LP* ₹ |
|---|---|---|---|---|
| Motorized Operating Mechanism with Electrical closing | 110-127 | 110-125 | 3WT9831-1JH00 | 230845.- |
| | 220-240 | 220-250 | 3WT9831-1JK00 | 230845.- |
| Shunt Release or Closing Coil Suitable for continuous operation | – | 24 | 3WT9851-1JB00 | 19775.- |
| | 110-127 | 110-125 | 3WT9851-1JH00 | 19775.- |
| | 220-240 | 220-250 | 3WT9851-1JK00 | 19775.- |
| Under Voltage Release Instantaneous | 110-127 | 110-125 | 3WT9853-1JH00 | 20530.- |
| | 208-240 | 220-250 | 3WT9853-1JK00 | 20530.- |
| | 380-415 | – | 3WT9853-1JM00 | 20530.- |
| Auxiliary Terminal Block | Fixed circuit breaker | | 3WT9111-0AB10 | 14440.- |
| | Drawout circuit breaker | | 3WT9111-1AB14 | 14440.- |
| Auxiliary Switch Block | 2 Change over | | 3WT9816-1CE00 | 11050.- |
| Position Signal Switch for Withdrawable Breaker | 3NO+3NC, 2NO+2NC, 1NO+1NC | | 3WT9884-1JC10 | 44680.- |
| 5 digit operating cycle counter | | | 3WT9864-0CA00 | 37310.- |
| Blocking Device for preventing opening of cubicle door in service position: for Withdrawable Breaker | | | 3WT9867-1JC00 | 34680.- |
| Blocking Device for preventing opening of cubicle door in ON position: for Fixed Breaker | | | 3WT9867-2JA00 | 34680.- |
| Castell Lock Mounting Kit *(to prevent unauthorized closing of the circuit breaker)* | | | 3WT9863-6JE00 | 32005.- |
| Castell Lock | | | 3WX3663-6JEL_# | 13055.- |
| Door Sealing Frame *(Also suitable for 3WL ACB)* | | | 3WX3686-0JA00 | 8330.- |
| External Current Sensor for N-conductor (For 3P ACB with Neutral or E/F Protection) | Size I | | 3WA9111-0AA21 | 84815.- |
| | Size II | | 3WA9111-0AA22 | 98350.- |
| External Current Sensor for N-conductor with copper connectors (for 3P ACB with Neutral or E/F protection) | Size I | | 3WA9111-0AA31 | 102160.- |
| | Size II | | 3WA9111-0AA32 | 129090.- |

# Types of castell locks shall be of type A, B, C, D, AB, AC; _ to be replaced by the type no.

For fitment of motor/ shunt/ closing coil/ UV release/ addl. auxiliary contacts please order necessary Auxiliary terminal blocks as per circuit diagram.

# Add-on options (Factory fitted)

| Description | Unit LP* ₹ |
|---|---|
| MODBUS RTU communication module | POR |
| Metering function with integrated Voltage tap | |
| Arc chute cover | |
| Phase barriers | |

# Retrofit solution

| Description | Unit LP* ₹ |
|---|---|
| Ready to fit kit for upgrading from our old or other make conventional Air Circuit Breaker to modern SENTRON range of ACBs.<br>• Minimum Shut Down Time<br>• No change in the existing panel except door cut out<br>• No change in the existing panel bus-bars<br>• Proven Siemens Design<br>• No over heating<br>• Cost Effective & Quality Solution | Upon enquiry |

**For more details write to us at: ics.india@siemens.com • Toll Free No: 1800220987/18002090987**

POR: Price On Request
Std. Pkg. = 1 unit
* LP - List Price



# 3WJ air circuit breakers

## Powering infrastructures across the globe

- Conforms to IEC 60947-2
- Rated current - 800A to 4000A
- Mechanical contact erosion indicator
- $I_{cu} = I_{cs} = I_{cw(1s)}$ for complete range
- Integrated LCD display and online test facility
- Breaking capacity upto 55 kA
- Ready to close mechanism for safe operation

Reliable

Safe

Comprehensive

Efficient

Adaptable

Customizable

**www.siemens.co.in**






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# 3VA moulded case circuit breakers

Discover the perfect system

www.siemens.com/3VA

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# MCCB: SENTRON 3VA

- Rated current: 16A to 1250A
- 1 pole^, 2 pole^, 3 pole & 4 pole versions
- Thermal magnetic and Microprocessor based trip unit
- Common Internal accessories for the entire range
- Information on the GO - Unique Knowledge Manager (QR Code) for 24 X 7 Technical Information
- Innovative Accessories viz. Short Circuit Alarm Switch, Illuminated Handle, Shunt Trip Flexible etc



**SENTRON 3VA MCCB, Thermal Magnetic Trip Unit, Fixed Thermal Fixed Magnetic (FTFM), Ics = 100% Icu, 415VAC, 50Hz**

| Frame Size | Breaking Capacity @ 415VAC, 50/60Hz | Rated Current In (A) | 3 Pole | | 4 Pole | |
|---|---|---|---|---|---|---|
| | | | Type | Unit LP* ₹ | Type | Unit LP* ₹ |
| 3VA10 | 16kA | 16 | 3VA1096-2ED32-0AA0 | 24695.- | 3VA1096-2ED42-0AA0 | 32010.- |
| | | 20 | 3VA1020-2ED32-0AA0 | 24695.- | 3VA1020-2ED42-0AA0 | 32010.- |
| | | 25 | 3VA1025-2ED32-0AA0 | 24695.- | 3VA1025-2ED42-0AA0 | 32010.- |
| | | 32 | 3VA1032-2ED32-0AA0 | 24695.- | 3VA1032-2ED42-0AA0 | 32010.- |
| | | 40 | 3VA1040-2ED32-0AA0 | 24695.- | 3VA1040-2ED42-0AA0 | 32010.- |
| | | 50 | 3VA1050-2ED32-0AA0 | 24695.- | 3VA1050-2ED42-0AA0 | 32010.- |
| | | 63 | 3VA1063-2ED32-0AA0 | 24695.- | 3VA1063-2ED42-0AA0 | 32010.- |
| | | 80 | 3VA1080-2ED32-0AA0 | 27005.- | 3VA1080-2ED42-0AA0 | 35090.- |
| | | 100 | 3VA1010-2ED32-0AA0 | 31270.- | 3VA1010-2ED42-0AA0 | 40720.- |
| 3VA10 | 25kA | 16 | 3VA1096-3ED32-0AA0 | 25370.- | 3VA1096-3ED42-0AA0 | 33090.- |
| | | 20 | 3VA1020-3ED32-0AA0 | 25370.- | 3VA1020-3ED42-0AA0 | 33090.- |
| | | 25 | 3VA1025-3ED32-0AA0 | 25370.- | 3VA1025-3ED42-0AA0 | 33090.- |
| | | 32 | 3VA1032-3ED32-0AA0 | 25370.- | 3VA1032-3ED42-0AA0 | 33090.- |
| | | 40 | 3VA1040-3ED32-0AA0 | 25370.- | 3VA1040-3ED42-0AA0 | 33090.- |
| | | 50 | 3VA1050-3ED32-0AA0 | 25370.- | 3VA1050-3ED42-0AA0 | 33090.- |
| | | 63 | 3VA1063-3ED32-0AA0 | 25370.- | 3VA1063-3ED42-0AA0 | 33090.- |
| | | 80 | 3VA1080-3ED32-0AA0 | 27575.- | 3VA1080-3ED42-0AA0 | 35890.- |
| | | 100 | 3VA1010-3ED32-0AA0 | 32520.- | 3VA1010-3ED42-0AA0 | 41550.- |
| 3VA11 | | 125 | 3VA1112-3ED32-0AA0 | 54830.- | 3VA1112-3ED42-0AA0 | 69865.- |
| | | 160 | 3VA1116-3ED32-0AA0 | 62605.- | 3VA1116-3ED42-0AA0 | 81470.- |
| 3VA10 | 36kA | 16 | 3VA1096-4ED32-0AA0 | 26770.- | 3VA1196-4GD42-0AA0 | 37040.- |
| | | 20 | 3VA1020-4ED32-0AA0 | 26770.- | 3VA1120-4GD42-0AA0 | 37040.- |
| | | 25 | 3VA1025-4ED32-0AA0 | 26770.- | 3VA1125-4GD42-0AA0 | 37040.- |
| | | 32 | 3VA1032-4ED32-0AA0 | 26770.- | 3VA1132-4GD42-0AA0 | 37040.- |
| | | 40 | 3VA1040-4ED32-0AA0 | 26770.- | 3VA1140-4GD42-0AA0 | 37040.- |
| | | 50 | 3VA1050-4ED32-0AA0 | 26770.- | 3VA1150-4GD42-0AA0 | 37040.- |
| | | 63 | 3VA1063-4ED32-0AA0 | 26770.- | 3VA1163-4GD42-0AA0 | 37040.- |
| | | 80 | 3VA1080-4ED32-0AA0 | 28085.- | 3VA1180-4GD42-0AA0 | 40615.- |
| | | 100 | 3VA1010-4ED32-0AA0 | 33810.- | 3VA1110-4GD42-0AA0 | 46915.- |
| 3VA11 | | 125 | 3VA1112-4ED32-0AA0 | 58415.- | 3VA1112-4GD42-0AA0 | 75935.- |
| | | 160 | 3VA1116-4ED32-0AA0 | 68110.- | 3VA1116-4GD42-0AA0 | 88560.- |
| 3VA11 | 55kA | 16 | 3VA1196-5ED32-0AA0 | 31370.- | 3VA1196-5GD42-0AA0 | 40720.- |
| | | 20 | 3VA1120-5ED32-0AA0 | 31370.- | 3VA1120-5GD42-0AA0 | 40720.- |
| | | 25 | 3VA1125-5ED32-0AA0 | 31370.- | 3VA1125-5GD42-0AA0 | 40720.- |
| | | 32 | 3VA1132-5ED32-0AA0 | 31370.- | 3VA1132-5GD42-0AA0 | 40720.- |
| | | 40 | 3VA1140-5ED32-0AA0 | 31370.- | 3VA1140-5GD42-0AA0 | 40720.- |
| | | 50 | 3VA1150-5ED32-0AA0 | 31370.- | 3VA1150-5GD42-0AA0 | 40720.- |
| | | 63 | 3VA1163-5ED32-0AA0 | 31970.- | 3VA1163-5GD42-0AA0 | 40720.- |
| | | 80 | 3VA1180-5ED32-0AA0 | 34420.- | 3VA1180-5GD42-0AA0 | 44710.- |
| | | 100 | 3VA1110-5ED32-0AA0 | 39845.- | 3VA1110-5GD42-0AA0 | 51670.- |
| | | 125 | 3VA1112-5ED32-0AA0 | 64200.- | 3VA1112-5GD42-0AA0 | 83435.- |
| | | 160 | 3VA1116-5ED32-0AA0 | 74855.- | 3VA1116-5GD42-0AA0 | 97420.- |

^ 3VA1 TMTU up to 160A, please contact your nearest Siemens Sales Office for more details.

Std. Pkg. = 1 unit  * LP - List Price

## SENTRON 3VA MCCB, Thermal Magnetic Trip Unit, Adj. Thermal Fixed Magnetic (ATFM), Ics = 100% Icu, 415VAC, 50Hz

| Frame Size | Breaking Capacity @ 415VAC, 50/60Hz | Rated Current In (A) | 3 Pole | | 4 Pole | |
|---|---|---|---|---|---|---|
| | | | Type | Unit LP* ₹ | Type | Unit LP* ₹ |
| 3VA11 | 25kA | 16 | 3VA1196-3EE32-0AA0 | 32190.- | 3VA1196-3GE42-0AA0 | 46110.- |
| | | 20 | 3VA1120-3EE32-0AA0 | 32190.- | 3VA1120-3GE42-0AA0 | 46110.- |
| | | 25 | 3VA1125-3EE32-0AA0 | 32190.- | 3VA1125-3GE42-0AA0 | 46110.- |
| | | 32 | 3VA1132-3EE32-0AA0 | 32190.- | 3VA1132-3GE42-0AA0 | 46110.- |
| | | 40 | 3VA1140-3EE32-0AA0 | 32190.- | 3VA1140-3GE42-0AA0 | 46110.- |
| | | 50 | 3VA1150-3EE32-0AA0 | 32190.- | 3VA1150-3GE42-0AA0 | 46110.- |
| | | 63 | 3VA1163-3EE32-0AA0 | 32190.- | 3VA1163-3GE42-0AA0 | 46110.- |
| | | 80 | 3VA1180-3EE32-0AA0 | 32190.- | 3VA1180-3GE42-0AA0 | 46110.- |
| | | 100 | 3VA1110-3EE32-0AA0 | 34420.- | 3VA1110-3GE42-0AA0 | 46110.- |
| | | 125 | 3VA1112-3EE32-0AA0 | 58415.- | 3VA1112-3GE42-0AA0 | 71935.- |
| | | 160 | 3VA1116-3EE32-0AA0 | 64445.- | 3VA1116-3GE42-0AA0 | 83550.- |
| 3VA11 | 36kA | 16 | 3VA1196-4EE32-0AA0 | 39750.- | 3VA1196-4GE42-0AA0 | 52020.- |
| | | 20 | 3VA1120-4EE32-0AA0 | 39750.- | 3VA1120-4GE42-0AA0 | 52020.- |
| | | 25 | 3VA1125-4EE32-0AA0 | 39750.- | 3VA1125-4GE42-0AA0 | 52020.- |
| | | 32 | 3VA1132-4EE32-0AA0 | 39750.- | 3VA1132-4GE42-0AA0 | 52020.- |
| | | 40 | 3VA1140-4EE32-0AA0 | 39750.- | 3VA1140-4GE42-0AA0 | 52020.- |
| | | 50 | 3VA1150-4EE32-0AA0 | 39750.- | 3VA1150-4GE42-0AA0 | 52020.- |
| | | 63 | 3VA1163-4EE32-0AA0 | 39750.- | 3VA1163-4GE42-0AA0 | 52020.- |
| | | 80 | 3VA1180-4EE32-0AA0 | 39750.- | 3VA1180-4GE42-0AA0 | 52020.- |
| | | 100 | 3VA1110-4EE32-0AA0 | 39750.- | 3VA1110-4GE42-0AA0 | 52020.- |
| | | 125 | 3VA1112-4EE32-0AA0 | 61165.- | 3VA1112-4GE42-0AA0 | 77915.- |
| | | 160 | 3VA1116-4EE32-0AA0 | 70015.- | 3VA1116-4GE42-0AA0 | 90860.- |
| 3VA12 | | 200 | 3VA1220-4EE32-0AA0 | 88310.- | 3VA1220-4GE42-0AA0 | 108805.- |
| | | 250 | 3VA1225-4EE32-0AA0 | 93610.- | 3VA1225-4GE42-0AA0 | 117535.- |
| 3VA13 | | 320 | 3VA1332-4EE32-0AA0 | 125540.- | 3VA1332-4GE42-0AA0 | 162530.- |
| | | 400 | 3VA1340-4EE32-0AA0 | 125540.- | 3VA1340-4GE42-0AA0 | 162530.- |
| 3VA14 | | 500 | 3VA1450-4EE32-0AA0 | 162030.- | 3VA1450-4GE42-0AA0 | 209890.- |
| | | 630 | 3VA1463-4EE32-0AA0 | 162030.- | 3VA1463-4GE42-0AA0 | 209890.- |
| 3VA11 | 55kA | 16 | 3VA1196-5EE32-0AA0 | 45290.- | 3VA1196-5GE42-0AA0 | 57240.- |
| | | 20 | 3VA1120-5EE32-0AA0 | 45290.- | 3VA1120-5GE42-0AA0 | 57240.- |
| | | 25 | 3VA1125-5EE32-0AA0 | 45290.- | 3VA1125-5GE42-0AA0 | 57240.- |
| | | 32 | 3VA1132-5EE32-0AA0 | 45290.- | 3VA1132-5GE42-0AA0 | 57240.- |
| | | 40 | 3VA1140-5EE32-0AA0 | 45290.- | 3VA1140-5GE42-0AA0 | 57240.- |
| | | 50 | 3VA1150-5EE32-0AA0 | 45290.- | 3VA1150-5GE42-0AA0 | 57240.- |
| | | 63 | 3VA1163-5EE32-0AA0 | 45290.- | 3VA1163-5GE42-0AA0 | 57240.- |
| | | 80 | 3VA1180-5EE32-0AA0 | 45290.- | 3VA1180-5GE42-0AA0 | 57240.- |
| | | 100 | 3VA1110-5EE32-0AA0 | 45290.- | 3VA1110-5GE42-0AA0 | 57240.- |
| | | 125 | 3VA1112-5EE32-0AA0 | 71135.- | 3VA1112-5GE42-0AA0 | 85435.- |
| | | 160 | 3VA1116-5EE32-0AA0 | 76955.- | 3VA1116-5GE42-0AA0 | 99320.- |
| 3VA12 | | 200 | 3VA1220-5EE32-0AA0 | 91955.- | 3VA1220-5GE42-0AA0 | 112310.- |
| | | 250 | 3VA1225-5EE32-0AA0 | 97495.- | 3VA1225-5GE42-0AA0 | 123520.- |
| 3VA13 | | 320 | 3VA1332-5EE32-0AA0 | 143150.- | 3VA1332-5GE42-0AA0 | 179315.- |
| | | 400 | 3VA1340-5EE32-0AA0 | 143150.- | 3VA1340-5GE42-0AA0 | 179315.- |
| 3VA14 | | 500 | 3VA1450-5EE32-0AA0 | 185140.- | 3VA1450-5GE42-0AA0 | 231290.- |
| | | 630 | 3VA1463-5EE32-0AA0 | 185140.- | 3VA1463-5GE42-0AA0 | 231290.- |
| 3VA15 | | 800# | 3VA1580-5EF32-0AA0 | 276600.- | 3VA1580-5GF42-0AA0 | 358445.- |
| | | 1000# | 3VA1510-5EF32-0AA0 | 386420.- | 3VA1510-5GF42-0AA0 | 501420.- |
| 3VA11 | 70kA | 16 | 3VA1196-6EE32-0AA0 | 61980.- | 3VA1196-6GE42-0AA0 | 77890.- |
| | | 20 | 3VA1120-6EE32-0AA0 | 61980.- | 3VA1120-6GE42-0AA0 | 77890.- |
| | | 25 | 3VA1125-6EE32-0AA0 | 61980.- | 3VA1125-6GE42-0AA0 | 77890.- |
| | | 32 | 3VA1132-6EE32-0AA0 | 61980.- | 3VA1132-6GE42-0AA0 | 77890.- |
| | | 40 | 3VA1140-6EE32-0AA0 | 61980.- | 3VA1140-6GE42-0AA0 | 77890.- |
| | | 50 | 3VA1150-6EE32-0AA0 | 61980.- | 3VA1150-6GE42-0AA0 | 77890.- |
| | | 63 | 3VA1163-6EE32-0AA0 | 61980.- | 3VA1163-6GE42-0AA0 | 77890.- |
| | | 80 | 3VA1180-6EE32-0AA0 | 61980.- | 3VA1180-6GE42-0AA0 | 77890.- |
| | | 100 | 3VA1110-6EE32-0AA0 | 61980.- | 3VA1110-6GE42-0AA0 | 77890.- |
| | | 125 | 3VA1112-6EE32-0AA0 | 115230.- | 3VA1112-6GE42-0AA0 | 123550.- |
| | | 160 | 3VA1116-6EE32-0AA0 | 115230.- | 3VA1116-6GE42-0AA0 | 123550.- |
| 3VA12 | | 200 | 3VA1220-6EE32-0AA0 | 124015.- | 3VA1220-6GE42-0AA0 | 159580.- |
| | | 250 | 3VA1225-6EE32-0AA0 | 138985.- | 3VA1225-6GE42-0AA0 | 159580.- |
| 3VA13 | | 320 | 3VA1332-6EE32-0AA0 | 156900.- | 3VA1332-6GE42-0AA0 | 202830.- |
| | | 400 | 3VA1340-6EE32-0AA0 | 156900.- | 3VA1340-6GE42-0AA0 | 202830.- |
| 3VA14 | | 500 | 3VA1450-6EE32-0AA0 | 223030.- | 3VA1450-6GE42-0AA0 | 289165.- |
| | | 630 | 3VA1463-6EE32-0AA0 | 223030.- | 3VA1463-6GE42-0AA0 | 289165.- |
| 3VA15 | | 800# | 3VA1580-6EF32-0AA0 | 304590.- | 3VA1580-6GF42-0AA0 | 394715.- |
| | | 1000# | 3VA1510-6EF32-0AA0 | 424740.- | 3VA1510-6GF42-0AA0 | 552155.- |

Std. Pkg. = 1 unit # - Adjustable Thermal, Adjustable Magnetic * LP - List Price

## SENTRON 3VA MCCB, Thermal Magnetic Trip Unit, Adj. Thermal Adj. Magnetic (ATAM), Ics = 100% Icu, 415VAC, 50Hz

| Frame Size | Breaking Capacity @ 415VAC, 50/60Hz | Rated Current In (A) | 3 Pole | | 4 Pole | |
|---|---|---|---|---|---|---|
| | | | Type | Unit LP* ₹ | Type | Unit LP* ₹ |
| 3VA12 | 36kA | 250 | 3VA1225-4EF32-0AA0 | POR | 3VA1225-4GF42-0AA0 | POR |
| 3VA13 | | 320 | 3VA1332-4EF32-0AA0 | | 3VA1332-4GF42-0AA0 | |
| | | 400 | 3VA1340-4EF32-0AA0 | | 3VA1340-4GF42-0AA0 | |
| 3VA14 | | 500 | 3VA1450-4EF32-0AA0 | | 3VA1450-4GF42-0AA0 | |
| | | 630 | 3VA1463-4EF32-0AA0 | | 3VA1463-4GF42-0AA0 | |
| 3VA12 | 55kA | 250 | 3VA1225-5EF32-0AA0 | | 3VA1225-5GF42-0AA0 | |
| 3VA13 | | 320 | 3VA1332-5EF32-0AA0 | | 3VA1332-5GF42-0AA0 | |
| | | 400 | 3VA1340-5EF32-0AA0 | | 3VA1340-5GF42-0AA0 | |
| 3VA14 | | 500 | 3VA1450-5EF32-0AA0 | | 3VA1450-5GF42-0AA0 | |
| | | 630 | 3VA1463-5EF32-0AA0 | | 3VA1463-5GF42-0AA0 | |
| 3VA12 | 70kA | 250 | 3VA1225-6EF32-0AA0 | | 3VA1225-6GF42-0AA0 | |
| 3VA13 | | 320 | 3VA1332-6EF32-0AA0 | | 3VA1332-6GF42-0AA0 | |
| | | 400 | 3VA1340-6EF32-0AA0 | | 3VA1340-6GF42-0AA0 | |
| 3VA14 | | 500 | 3VA1450-6EF32-0AA0 | | 3VA1450-6GF42-0AA0 | |
| | | 630 | 3VA1463-6EF32-0AA0 | | 3VA1463-6GF42-0AA0 | |

For lower ratings, please contact your nearest Siemens Sales Office

## SENTRON 3VA MCCB for Motor Starter Protection (Adjustable Magnetic trip unit, 3pole)

| Frame Size | Rated Current In (A) | Breaking Capacity (55kA, 415V, 50/60Hz) | | Breaking Capacity (70kA, 415V, 50/60Hz) | |
|---|---|---|---|---|---|
| | | Type | Unit LP* ₹ | Type | Unit LP* ₹ |
| 3VA11 | 1 | 3VA1181-5MG32-0AA0& | 41650.- | 3VA1181-6MG32-0AA0& | 51150.- |
| | 2 | 3VA1102-5MG32-0AA0& | 41650.- | 3VA1102-6MG32-0AA0& | 51150.- |
| | 4 | 3VA1104-5MG32-0AA0& | 41650.- | 3VA1104-6MG32-0AA0& | 51150.- |
| | 8 | 3VA1108-5MG32-0AA0& | 41650.- | 3VA1108-6MG32-0AA0& | 51150.- |
| | 12.5 | 3VA1192-5MG32-0AA0& | 41650.- | 3VA1192-6MG32-0AA0& | 51150.- |
| | 20 | 3VA1120-5MH32-0AA0 | 41650.- | 3VA1120-6MH32-0AA0 | 51150.- |
| | 32 | 3VA1132-5MH32-0AA0 | 49750.- | 3VA1132-6MH32-0AA0 | 53610.- |
| | 40 | 3VA1140-5MH32-0AA0 | 49750.- | 3VA1140-6MH32-0AA0 | 53610.- |
| | 50 | 3VA1150-5MH32-0AA0 | 49750.- | 3VA1150-6MH32-0AA0 | 53610.- |
| | 63 | 3VA1163-5MH32-0AA0 | 49750.- | 3VA1163-6MH32-0AA0 | 53610.- |
| | 80 | 3VA1180-5MH32-0AA0 | 49750.- | 3VA1180-6MH32-0AA0 | 53610.- |
| | 100 | 3VA1110-5MH32-0AA0 | 49750.- | 3VA1110-6MH32-0AA0 | 53610.- |
| | 125 | 3VA1112-5MH32-0AA0 | 71365.- | 3VA1112-6MH32-0AA0 | 77150.- |
| 3VA12 | 160 | 3VA1216-5MH32-0AA0 | 74890.- | 3VA1216-6MH32-0AA0 | 106710.- |
| | 200 | 3VA1220-5MH32-0AA0 | 102995.- | 3VA1220-6MH32-0AA0 | 126395.- |
| 3VA13 | 250 | 3VA1325-5MH32-0AA0 | 112390.- | 3VA1325-6MH32-0AA0 | 127915.- |
| | 320 | 3VA1332-5MH32-0AA0 | 154220.- | 3VA1332-6MH32-0AA0 | 175740.- |
| 3VA14 | 400 | 3VA1440-5MH32-0AA0 | 176530.- | 3VA1440-6MH32-0AA0 | 184460.- |
| | 500 | 3VA1450-5MH32-0AA0 | 203220.- | 3VA1450-6MH32-0AA0 | 230730.- |
| 3VA15 | 630 | 3VA1563-5MH32-0AA0 | 234280.- | 3VA1563-6MH32-0AA0 | 255230.- |
| | 800 | 3VA1580-5MH32-0AA0 | 311195.- | 3VA1580-6MH32-0AA0 | 342670.- |

POR: Price On Request

Std. Pkg. = 1 unit * LP - List Price

& Fixed magnetic trip unit

### SENTRON 3VA MCCB, Switch Disconnector (without protection)

| Frame Size | Breaking Capacity | Rated Current In (A) | 3 Pole | | 4 Pole | |
|---|---|---|---|---|---|---|
| | | | Type | Unit LP* ₹ | Type | Unit LP* ₹ |
| 3VA11 | NA | 63 | 3VA1163-1AA32-0AA0 | 34955.- | 3VA1163-1AA42-0AA0 | 51660.- |
| | | 100 | 3VA1110-1AA32-0AA0 | 34955.- | 3VA1110-1AA42-0AA0 | 51660.- |
| | | 125 | 3VA1112-1AA32-0AA0 | 71510.- | 3VA1112-1AA42-0AA0 | 95335.- |
| | | 160 | 3VA1116-1AA32-0AA0 | 71510.- | 3VA1116-1AA42-0AA0 | 95335.- |
| 3VA12 | NA | 250 | 3VA1225-1AA32-0AA0 | 71510.- | 3VA1225-1AA42-0AA0 | 95335.- |
| 3VA13 | NA | 400 | 3VA1340-1AA32-0AA0 | 92225.- | 3VA1340-1AA42-0AA0 | 119930.- |

NA - Not Applicable

# Earth fault and Earth leakage protection for SENTRON 3VA moulded case circuit breaker

### Earth fault monitoring relay

| Description | | Type | Unit LP* ₹ |
|---|---|---|---|
| Earth fault monitoring relay | • Auxiliary voltage: 85-270V AC/DC<br>• Change over contact: 2C/O<br>• Width: 35mm module | 7UG0861-1BU20 | 10730.- |
| CBCT for EFR: 160 frame<br>Suitable for 3VA1 up to 160A | 3P | 7UG09910 | 3700.- |
| | 4P | 7UG09911 | 4225.- |
| CBCT for EFR: 250 frame<br>Suitable for 3VA1 250A, 3VA2 up to 160A/250A | 3P | 7UG09912 | 4470.- |
| | 4P | 7UG09913 | 5270.- |
| CBCT for EFR: 630 frame<br>Suitable for 3VA1/3VA2 400A/ 630A | 3P | 7UG09914 | 6595.- |
| | 4P | 7UG09915 | 7140.- |




### Earth leakage monitoring relay

| Description | | Type | Unit LP* ₹ |
|---|---|---|---|
| Earth leakage relay<br>1Ph-2W, 3Ph-3W, 3Ph-4W | 110VAC | 7UG0841-1CB20 | 10385.- |
| | 230VAC | 7UG0842-1CD20 | 10490.- |
| CBCT for ELR | 35 mm dia | 7UG0996 | 3775.- |
| | 70 mm dia | 7UG0997 | 4320.- |
| | 120 mm dia | 7UG0999 | 7360.- |
| | 210 mm dia | 7UG0994 | 14145.- |
| | 310 mm dia | 7UG0995 | 21085.- |

Note: Order 1 no of shunt trip release for MCCB seperately along with earth fault relay / earth leakage relay






**MCCB with O/L & S/C protection**

+



**Shunt release**

+




**Ext. Earth fault / Ext. Earth Leakage Relay & CBCT**

=



**MCCB with O/L, S/C & E/F protection with O/L, S/C & Earth Leakage protection**

Std. Pkg. = 1 unit

* LP - List Price

SIEMENS

Inbuilt in ETU5

# Condition monitoring with the 3VA moulded case circuit breakers. **As simple as that.**

**www.siemens.co.in**

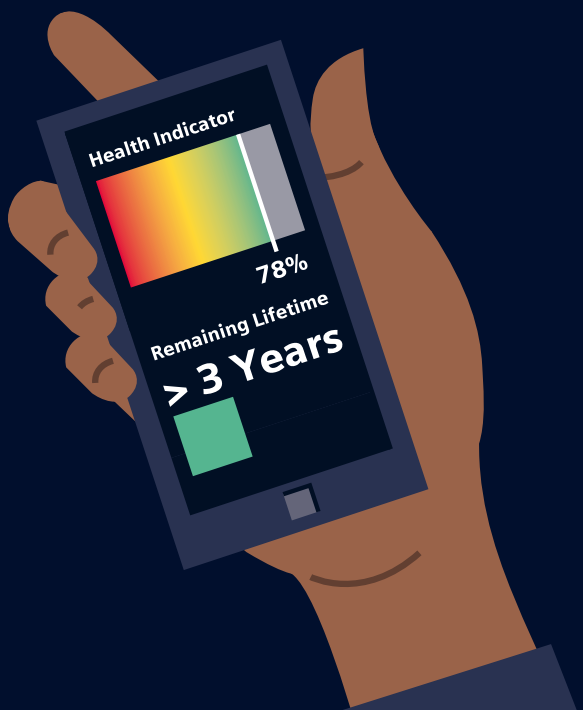
Thanks to optimally scheduled maintenance times, you can prevent equipment and plant failures due to uncoordinated maintenance of individual devices and optimize the health of your entire plant.

- Predictive maintenance
- Improved organization of personnel and material costs
- Optimized energy availability
- Reduced time and costs for maintenance

## When time savings go hand in hand with optimized plant reliability




With condition monitoring directly on the 3VA and remotely on the end device, you get reliable information about the health of your system and the remaining service life of your circuit breaker.



## SENTRON 3VA MCCB, Microprocessor Trip Unit, ETU320 LI, Ics = 100% Icu, 415VAC, 50Hz

| Frame Size | Breaking Capacity @ 415VAC, 50/60Hz | Rated Current In (A) | 3 Pole | | 4 Pole | |
|---|---|---|---|---|---|---|
| | | | Type | Unit LP* ₹ | Type | Unit LP* ₹ |
| 3VA20 | 36kA | 25 | 3VA2025-4HL32-0AA0 | 82115.- | 3VA2025-4HL42-0AA0 | 105870.- |
| | | 40 | 3VA2040-4HL32-0AA0 | 82115.- | 3VA2040-4HL42-0AA0 | 105870.- |
| | | 63 | 3VA2063-4HL32-0AA0 | 82115.- | 3VA2063-4HL42-0AA0 | 105870.- |
| | | 100 | 3VA2010-4HL32-0AA0 | 82115.- | 3VA2010-4HL42-0AA0 | 105870.- |
| 3VA21 | | 160 | 3VA2116-4HL32-0AA0 | 111030.- | 3VA2116-4HL42-0AA0 | 154975.- |
| 3VA22 | | 250 | 3VA2225-4HL32-0AA0 | 152375.- | 3VA2225-4HL42-0AA0 | 206610.- |
| 3VA23 | | 400 | 3VA2340-4HL32-0AA0 | 203585.- | 3VA2340-4HL42-0AA0 | 267955.- |
| 3VA24 | | 630 | 3VA2463-4HL32-0AA0 | 211650.- | 3VA2463-4HL42-0AA0 | 280465.- |
| 3VA20 | 55kA | 25 | 3VA2025-5HL32-0AA0 | 104435.- | 3VA2025-5HL42-0AA0 | 143070.- |
| | | 40 | 3VA2040-5HL32-0AA0 | 104435.- | 3VA2040-5HL42-0AA0 | 143070.- |
| | | 63 | 3VA2063-5HL32-0AA0 | 104435.- | 3VA2063-5HL42-0AA0 | 143070.- |
| | | 100 | 3VA2010-5HL32-0AA0 | 104435.- | 3VA2010-5HL42-0AA0 | 143070.- |
| 3VA21 | | 160 | 3VA2116-5HL32-0AA0 | 132380.- | 3VA2116-5HL42-0AA0 | 171420.- |
| 3VA22 | | 250 | 3VA2225-5HL32-0AA0 | 172950.- | 3VA2225-5HL42-0AA0 | 228355.- |
| 3VA23 | | 400 | 3VA2340-5HL32-0AA0 | 219515.- | 3VA2340-5HL42-0AA0 | 287680.- |
| 3VA24 | | 630 | 3VA2463-5HL32-0AA0 | 269650.- | 3VA2463-5HL42-0AA0 | 301135.- |
| 3VA25 | | 800 | 3VA2580-5HL32-0AA0 | 427130.- | 3VA2580-5HL42-0AA0 | 546385.- |
| | | 1000 | 3VA2510-5HL32-0AA0 | 565970.- | 3VA2510-5HL42-0AA0 | 755585.- |
| 3VA26 | | 1250 | 3VA2612-5HL32-0AA0 | 802430.- | 3VA2612-5HL42-0AA0 | 1071500.- |
| 3VA20 | 85kA | 25 | 3VA2025-6HL32-0AA0 | 136535.- | 3VA2025-6HL42-0AA0 | 169140.- |
| | | 40 | 3VA2040-6HL32-0AA0 | 136535.- | 3VA2040-6HL42-0AA0 | 169140.- |
| | | 63 | 3VA2063-6HL32-0AA0 | 136535.- | 3VA2063-6HL42-0AA0 | 169140.- |
| | | 100 | 3VA2010-6HL32-0AA0 | 136535.- | 3VA2010-6HL42-0AA0 | 169140.- |
| 3VA21 | | 160 | 3VA2116-6HL32-0AA0 | 179030.- | 3VA2116-6HL42-0AA0 | 228540.- |
| 3VA22 | | 250 | 3VA2225-6HL32-0AA0 | 198835.- | 3VA2225-6HL42-0AA0 | 289555.- |
| 3VA23 | | 400 | 3VA2340-6HL32-0AA0 | 249505.- | 3VA2340-6HL42-0AA0 | 327605.- |
| 3VA24 | | 630 | 3VA2463-6HL32-0AA0 | 298075.- | 3VA2463-6HL42-0AA0 | 397705.- |
| 3VA25 | | 800 | 3VA2580-6HL32-0AA0 | 469610.- | 3VA2580-6HL42-0AA0 | 624655.- |
| | | 1000 | 3VA2510-6HL32-0AA0 | 647245.- | 3VA2510-6HL42-0AA0 | 863965.- |
| 3VA26 | | 1250 | 3VA2612-6HL32-0AA0 | 917055.- | 3VA2612-6HL42-0AA0 | 1227525.- |

## SENTRON 3VA MCCB, Microprocessor Trip Unit, ETU330 LIG, Ics = 100% Icu, 415VAC, 50Hz

| Frame Size | Breaking Capacity @ 415VAC, 50/60Hz | Rated Current In (A) | 3 Pole | | 4 Pole | |
|---|---|---|---|---|---|---|
| | | | Type | Unit LP* ₹ | Type | Unit LP* ₹ |
| 3VA20 | 36kA | 25 | 3VA2025-4HM32-0AA0 | 113105.- | 3VA2025-4HM42-0AA0 | 139440.- |
| | | 40 | 3VA2040-4HM32-0AA0 | 113105.- | 3VA2040-4HM42-0AA0 | 139440.- |
| | | 63 | 3VA2063-4HM32-0AA0 | 113105.- | 3VA2063-4HM42-0AA0 | 139440.- |
| | | 100 | 3VA2010-4HM32-0AA0 | 113105.- | 3VA2010-4HM42-0AA0 | 139440.- |
| 3VA21 | | 160 | 3VA2116-4HM32-0AA0 | 143070.- | 3VA2116-4HM42-0AA0 | 178175.- |
| 3VA22 | | 250 | 3VA2225-4HM32-0AA0 | 180815.- | 3VA2225-4HM42-0AA0 | 227270.- |
| 3VA23 | | 400 | 3VA2340-4HM32-0AA0 | 243180.- | 3VA2340-4HM42-0AA0 | 306720.- |
| 3VA24 | | 630 | 3VA2463-4HM32-0AA0 | 267485.- | 3VA2463-4HM42-0AA0 | 337330.- |
| 3VA20 | 55kA | 25 | 3VA2025-5HM32-0AA0 | 128940.- | 3VA2025-5HM42-0AA0 | 147750.- |
| | | 40 | 3VA2040-5HM32-0AA0 | 128940.- | 3VA2040-5HM42-0AA0 | 147750.- |
| | | 63 | 3VA2063-5HM32-0AA0 | 128940.- | 3VA2063-5HM42-0AA0 | 147750.- |
| | | 100 | 3VA2010-5HM32-0AA0 | 131590.- | 3VA2010-5HM42-0AA0 | 154415.- |
| 3VA21 | | 160 | 3VA2116-5HM32-0AA0 | 177290.- | 3VA2116-5HM42-0AA0 | 212750.- |
| 3VA22 | | 250 | 3VA2225-5HM32-0AA0 | 216190.- | 3VA2225-5HM42-0AA0 | 269845.- |
| 3VA23 | | 400 | 3VA2340-5HM32-0AA0 | 261070.- | 3VA2340-5HM42-0AA0 | 329315.- |
| 3VA24 | | 630 | 3VA2463-5HM32-0AA0 | 287240.- | 3VA2463-5HM42-0AA0 | 362170.- |
| 3VA25 | | 800 | 3VA2580-5HM32-0AA0 | 451540.- | 3VA2580-5HM42-0AA0 | 587035.- |
| | | 1000 | 3VA2510-5HM32-0AA0 | 606605.- | 3VA2510-5HM42-0AA0 | 796250.- |
| 3VA26 | | 1250 | 3VA2612-5HM32-0AA0 | 848590.- | 3VA2612-5HM42-0AA0 | 1120855.- |
| 3VA20 | 85kA | 25 | 3VA2025-6HM32-0AA0 | 160985.- | 3VA2025-6HM42-0AA0 | 195780.- |
| | | 40 | 3VA2040-6HM32-0AA0 | 160985.- | 3VA2040-6HM42-0AA0 | 195780.- |
| | | 63 | 3VA2063-6HM32-0AA0 | 160985.- | 3VA2063-6HM42-0AA0 | 195780.- |
| | | 100 | 3VA2010-6HM32-0AA0 | 160985.- | 3VA2010-6HM42-0AA0 | 195780.- |
| 3VA21 | | 160 | 3VA2116-6HM32-0AA0 | 205105.- | 3VA2116-6HM42-0AA0 | 257460.- |
| 3VA22 | | 250 | 3VA2225-6HM32-0AA0 | 240230.- | 3VA2225-6HM42-0AA0 | 337030.- |
| 3VA23 | | 400 | 3VA2340-6HM32-0AA0 | 291065.- | 3VA2340-6HM42-0AA0 | 369185.- |
| 3VA24 | | 630 | 3VA2463-6HM32-0AA0 | 320150.- | 3VA2463-6HM42-0AA0 | 406150.- |
| 3VA25 | | 800 | 3VA2580-6HM32-0AA0 | 508780.- | 3VA2580-6HM42-0AA0 | 665310.- |
| | | 1000 | 3VA2510-6HM32-0AA0 | 686375.- | 3VA2510-6HM42-0AA0 | 904600.- |
| 3VA26 | | 1250 | 3VA2612-6HM32-0AA0 | 964820.- | 3VA2612-6HM42-0AA0 | 1276860.- |

Std. Pkg. = 1 unit * LP - List Price

# SENTRON 3VA - Accessories

| Frame | 3VA1 100A/ 160A/ 250A/ 400A/ 630A/ 800A/ 1000A | Unit LP* ₹ | 3VA2 100A / 160A / 250A<br>3VA2 400A/630A/800A/1000A/1250A | Unit LP* ₹ |
|---|---|---|---|---|
| Accessory | Type | | Type | |
| Auxiliary switch (AUX) | 3VA9988-0AA12 (1 C/O) | 5645.- | 3VA9988-0AA12 (1 C/O) | 5645.- |
| Alarm switch (TAS) | 3VA9988-0AB12 (1 C/O) | 8725.- | 3VA9988-0AB12 (1 C/O) | 8725.- |
| Short-circuit Alarm switch (SAS) for 3VA1 Only | 3VA9988-0AB32 (for 3VA10/ 11 100A/ 160A)<br>3VA9988-0AB34 (for 3VA12/ 13/ 14 250A/ 400A/ 630A) | 4650.-<br>4650.- | – | – |
| Electrical alarm switches (EAS) for 3VA2 Only | – | – | 3VA9988-0AB22 | 4650.- |
| Under voltage release (UVR) | | | | |
| 120-127 V AC 50/60 Hz<br>208-230 V AC 50/60 Hz<br>380-400 V AC 50/60 Hz | 3VA9908-0BB24<br>3VA9908-0BB25<br>3VA9908-0BB26 | 13355.-<br>13355.-<br>13355.- | 3VA9908-0BB24<br>3VA9908-0BB25<br>3VA9908-0BB26 | 13355.-<br>13355.-<br>13355.- |
| Shunt release flexible (STF) | | | | |
| 110-127 V AC 50/60 Hz<br>208-277 V AC 50/60 Hz<br>380-500 V AC 50/60 Hz | 3VA9988-0BA22<br>3VA9988-0BA23<br>3VA9988-0BA24 | 10055.-<br>10055.-<br>10055.- | 3VA9988-0BA22<br>3VA9988-0BA23<br>3VA9988-0BA24 | 10055.-<br>10055.-<br>10055.- |
| Shunt release left (STL) | | | | |
| 110-127 V AC 50/60 Hz<br>208-277 V AC 50/60 Hz<br>380-500 V AC 50/60 Hz | 3VA9988-0BL32<br>3VA9988-0BL33<br>3VA9988-0BL20 | 10055.-<br>10055.-<br>10055.- | 3VA9988-0BL32<br>3VA9988-0BL33<br>3VA9988-0BL20 | 10055.-<br>10055.-<br>10055.- |
| Extended Door Mounted Rotary Operator (including 8UC handle) | 3VA9157-0FK51 (for 3VA10/ 11 100A/160A)<br>3VA9257-0FK51 (for 3VA12 250A)<br>3VA9467-0FK51 (for 3VA13/ 14 400/ 630A) | 6160.-<br>6475.-<br>10145.- | 3VA9267-0FK51 (for 3VA20/ 21/ 22 100A/ 160A/ 250A)<br>3VA9467-0FK51 (for 3VA23/ 24 400A/ 630A) | 6475.-<br>10145.- |
| Extended Door Mounted Rotary Operator ^ | 3VA9687-0FK21 (for 3VA15 800/ 1000A) | 28840.- | 3VA9687-0FK21 (for 3VA25/26 800A/1000A/1250A) | 28840.- |
| Illuminated - Door mounted rotary operator 24V DC | 3VA9157-0FK23 (for 3VA10/ 11 100A/160A)<br>3VA9257-0FK23 (for 3VA12 250A)<br>3VA9467-0FK23 (for 3VA13/ 14 400A/ 630A)<br>3VA9687-0FK23 (for 3VA15 800A/1000A) | 17220.-<br>18935.-<br>24060.-<br>31675.- | 3VA9267-0FK23 (for 3VA20/ 21/ 22 100A/ 160A/ 250A)<br>3VA9467-0FK23 (for 3VA23/ 24 400A/ 630A)<br>3VA9687-0FK23 (for 3VA25/26 800A/1000A/1250A) | 18935.-<br>24060.-<br>31675.- |
| Castell interlock kit# (for breakers with 8UC Handles) (To interlock two or more circuit breakers) | 8UC60701YQ.. 3VA10/ 11 (100A/ 160A)<br>8UC60701YQ.. 3VA12 (250A) | 12920.-<br>12920.- | 8UC60701YQ.. 3VA20/ 21/ 22 (100A/ 160A/ 250A)<br>8UC60701YQ.. 3VA23/ 24 (400A/ 630A) | 12920.-<br>12920.- |
| Sliding Bar Interlock (for same size breakers with Toggle Lever) | 3VA9158-0VF30 (for 3VA10/ 11 100A/160A)<br>3VA9258-0VF30 (for 3VA12 250A)<br>3VA9368-0VF30 (for 3VA13/ 14 400A/ 630A) | 17220.-<br>17880.-<br>20190.- | 3VA9168-0VF30 (for 3VA20/ 21/ 22 100A/ 160A/ 250A)<br>3VA9368-0VF30 (for 3VA23/ 24 400A/ 630A) | 18935.-<br>20190.- |
| Locking device for breaker with Toggle lever | 3VA9088-0LB10 (3VA10/ 11/ 12 100A/ 160A/ 250A)<br>3VA9388-0LB10 (for 3VA13/ 14 400A/ 630A)<br>3VA9588-0LB10 (3VA15 800/ 1000A) | 5255.-<br>6925.-<br>14950.- | 3VA9388-0LB10<br>(for 3VA20/ 21/ 22/ 23/ 24 100A/ 160A/ 250A/ 400A/ 630A)<br>3VA9588-0LB10 (3VA25/26 800/ 1000/ 1250A) | 6925.-<br><br>14950.- |
| Motorised drive - (Motorised operator - MO) 110-230V AC/ 110-250VDC | 3VA9157-0HA20 (for 3VA11 160A)<br>3VA9257-0HA20 (for 3VA12 250A)<br>3VA9467-0HA20 (for 3VA13/ 14 400A/ 630A) | 57785.-<br>75630.-<br>89290.- | 3VA9267-0HA20 (for 3VA20/ 21/ 22 100A/ 160A/ 250A)<br>3VA9467-0HA20 (for 3VA23/ 24 400A/ 630A) | 75630.-<br>89290.- |
| Spreader links - Broadened (with phase barriers) | 3VA9153-0QC50 (for 3pole, 3VA10/ 11 100A/ 160A)<br>3VA9154-0QC50 (for 4pole, 3VA10/ 11 100A/ 160A)<br>3VA9253-0QC50 (for 3pole, 3VA12 250A)<br>3VA9254-0QC50 (for 4pole, 3VA12 250A)<br>3VA9483-0QC50 (for 3pole 3VA13/ 14 400A/ 630A)<br>3VA9484-0QC50 (for 4pole 3VA13/ 14 400A/ 630A) | 2590.-<br>3310.-<br>3235.-<br>4290.-<br>4325.-<br>5610.- | 3VA9263-0QC50 (for 3pole, 3VA20/ 21/ 22 100A/ 160A/ 250A)<br>3VA9264-0QC50 (for 4pole, 3VA20/ 21/ 22 100A/ 160A/ 250A)<br>3VA9483-0QC50 (for 3pole, 3VA23/ 24 400A/ 630A)<br>3VA9484-0QC50 (for 4pole, 3VA23/ 24 400A/ 630A) | 3490.-<br>4550.-<br>4325.-<br>5610.- |
| Busbar extensions (with phase barriers) | 3VA9603-0QB00 (for 3pole, 3VA15 800A/ 1000A)<br>3VA9604-0QB00 (for 4pole, 3VA15 800A/ 1000A) | 15850.-<br>21180.- | 3VA9603-0QB00 (for 3pole, 3VA25 800A/ 1000A)<br>3VA9604-0QB00 (for 4pole, 3VA25 800A/ 1000A) | 15850.-<br>21180.- |
| Rear Terminals - Flat<br>1 set = 2 short + 1 Long (3pole) / 2 short + 2 Long (4pole) | 3VA9113-0QE00 (for 3pole, 3VA10/ 11 100A/ 160A)<br>3VA9114-0QE00 (for 4pole, 3VA10/ 11 100A/ 160A)<br>3VA9213-0QE00 (for 3pole, 3VA12 250A)<br>3VA9214-0QE00 (for 4pole, 3VA12 250A)<br>3VA9403-0QE00 (for 3pole, 3VA13/ 14 400A/ 630A)<br>3VA9404-0QE00 (for 4pole, 3VA13/ 14 400A/ 630A) | 5905.-<br>7980.-<br>7550.-<br>10090.-<br>12250.-<br>16340.- | 3VA9203-0QE00 (for 3pole, 3VA20/ 21/ 22 100A/ 160A/ 250A)<br>3VA9204-0QE00 (for 4pole, 3VA20/ 21/ 22 100A/ 160A/ 250A)<br>3VA9403-0QE00 (for 3pole, 3VA23/ 24 400A/ 630A)<br>3VA9404-0QE00 (for 4pole, 3VA23/ 24 400A/ 630A) | 7550.-<br>10090.-<br>12250.-<br>16340.- |
| Phase Barriers<br>(1 set = 2 phase barriers) | 3VA9152-0WA00 (for 3VA10/ 11 100A/ 160A)<br>3VA9252-0WA00 (for 3VA12 250A)<br>3VA9482-0WA00 (for 3VA13/ 14 400A/ 630A)<br>3VA9602-0WA00 (for 3VA15 800A/ 1000A) | 1120.-<br>1120.-<br>2650.-<br>2665.- | 3VA9262-0WA00 (for 3VA20/ 21/ 22 100A/ 160A/ 250A)<br>3VA9482-0WA00 (for 3VA23/ 24 400A/ 630A)<br>3VA9602-0WA00 (for 3VA25/26 800A/1000A/1250A) | 1120.-<br>2650.-<br>2665.- |
| 3VA Adapter for mounting on 8US 60mm busbar system | 8US1213-4AU01 (for 3pole, 3VA10/ 11)<br>8US1213-4AP03 (for 3-pole, 3VA12)<br>8US1213-4AH04 (for 3pole, 3VA13/ 14) | POR | 8US1213-4AP03 (for 3VA20/ 21/ 22)<br>8US1213-4AH04 (for 3VA23/ 24) | POR |

**Notes:**

# The 11th and 12th place of the type reference will indicate the alphabet type of lock & key. Combinations available are A, B, C, D, A-, -B, -C, AB, AC. 11th place will be A, B, C, D for castell lock type A, B, C, D respectively. 11th and 12 place will be A0, 0B, 0C, AB, AC for castell lock type A-, -B, -C, AB, AC respectively

For higher breaking capacities (110kA and 150kA) and other special application MCCB, please contact your nearest Siemens Sales Office.

For side mounted handles please contact your nearest Siemens Sales Office.

@ 1 set contains rotary mechanism, coupler, shaft and 8UC Front drive.

Spreader link 1 set = 3 nos. links and 2 nos. phase barriers in case of 3 pole; and 4 nos. links and 3 nos. phase barriers in case of 4 pole.

1) Door mounted rotary handles are not available for 1pole/ 2pole 3VA1 MCCBs

^ 3VA2 800A/1000A/1250A, extended rotary operator imported version (with 8UD handles)

Standard packing of 3VA26 1250A MCCB includes spreaders & phase barriers

Std. Pkg. = 1 unit  * LP - List Price  POR: Price On Request



# SENTRON 3VA27 moulded case circuit breakers



- Line, motor, starter protection and non-automatic circuit breaker
- Rated currents 800A to 1600A (3pole/ 4pole)
- Fixed & Draw-out variants
- Toggle lever or Stored-energy Operator (factory fitted)
- Interchangeable ETU LI/ LSI/ LSIG protection
- Short-circuit breaking capacity 55kA to 110 kA @ 415 V AC
- Communication via Modbus TCP, Modbus RTU, PROFIBUS & PROFINET
- Metering function according to IEC 61557-12

**SENTRON 3VA MCCB, Microprocessor Trip Unit, ETU320 LI, Ics = 100% Icu, 415VAC, 50Hz $ (Fixed mounted)**

| Frame Size | Breaking Capacity @ 415VAC, 50/60Hz | Rated Current In (A) | 3 Pole | | 4 Pole | |
|---|---|---|---|---|---|---|
| | | | Type | Unit LP* ₹ | Type | Unit LP* ₹ |
| 3VA27 | 55kA | 1250 | 3VA2712-5AB03-0AA0 | 790885.- | 3VA2712-5AB13-0AA0 | 1063740.- |
| | | 1600 | 3VA2716-5AB03-0AA0 | 1094570.- | 3VA2716-5AB13-0AA0 | 1472975.- |
| | 85kA | 1250 | 3VA2712-6AB03-0AA0 | 868850.- | 3VA2712-6AB13-0AA0 | 1169275.- |
| | | 1600 | 3VA2716-6AB03-0AA0 | 1201750.- | 3VA2716-6AB13-0AA0 | 1619130.- |

**SENTRON 3VA MCCB, Microprocessor Trip Unit, ETU360 LSIG, Ics = 100% Icu, 415VAC, 50Hz $ (Fixed mounted)**

| Frame Size | Breaking Capacity @ 415VAC, 50/60Hz | Rated Current In (A) | 3 Pole | | 4 Pole | |
|---|---|---|---|---|---|---|
| | | | Type | Unit LP* ₹ | Type | Unit LP* ₹ |
| 3VA27 | 55kA | 1250 | 3VA2712-5AD03-0AA0 | 855850.- | 3VA2712-5AD13-0AA0 | 1127060.- |
| | | 1600 | 3VA2716-5AD03-0AA0 | 1157900.- | 3VA2716-5AD13-0AA0 | 1536295.- |
| | 85kA | 1250 | 3VA2712-6AD03-0AA0 | 932170.- | 3VA2712-6AD13-0AA0 | 1234230.- |
| | | 1600 | 3VA2716-6AD03-0AA0 | 1265120.- | 3VA2716-6AD13-0AA0 | 1688945.- |

# Accessories for 3VA27

| | Description | Type | Unit LP* ₹ | Std. pkg. (nos.) |
|---|---|---|---|---|
|  | Auxiliary switch (AUX) | 3VW9011-0AG01 | 13030.- | 1 |
|  | Alarm switch (TAS) | 3VW9011-0AH14 | 6430.- | 1 |
|  | Shunt release (ST) | | | |
| | 110-120 V AC 50/60 HZ<br>220-240 V AC 50/60 HZ | 3VW9011-0AD05<br>3VW9011-0AD07 | 29965.-<br>29965.- | 1 |
|  | Under voltage release (UVR) | | | |
| | 110-120 V AC 50/60 Hz<br>220-240 V AC 50/60 Hz<br>415-440 V AC 50/60 Hz | 3VW9011-0AE05<br>3VW9011-0AE07<br>3VW9011-0AE18 | 32435.-<br>32435.-<br>32435.- | 1 |
|  | Extended Door Mounted Rotary Operator ^<br>(Standard - Gray) | 3VW9727-0FK21 | 28840.- | 1 |

$ Toggle lever variants ^3VA27 extended door mounted rotary operator (imported) with 8UD handles
All MCCBs are suitable for Front Terminals connection only.
Accessories can also be offered in factory fitted options
Please contact your nearest Siemens Sales Office for more Auxiliary combinations & choice of accessories

Std. Pkg. = 1 unit * LP - List Price




# One system. Worldwide application.

## The 3VA moulded case circuit breaker with UL certification

We have good news for machine and switchgear manufacturers who export worldwide: The 3VA5 and 3VA6 series of our 3VA moulded case circuit breakers with UL certification comply with the UL 489 standard as well as the IEC 60947 standard. All the functionalities of this modular and highly variable moulded case circuit breaker system can be used in plants that are operated, for example, in North America or Europe. The 3VA moulded case circuit breaker: One system. Worldwide application.

**For more information, call us on 1800 209 1800 or visit us at www.siemens.com/3VA**

**For life cycle support for products, systems and solutions, call us at 1800 209 0987 or email us at ics.india@siemens.com**

**www.siemens.com/3VA**

SIEMENS




# 3VM moulded case circuit breaker

## Efficient. Powerful.

- Rated current: 16A to 630A
- 1 pole, 2 pole, 3 pole & 4 pole options
- Breaking Capacity: 16kA to 55kA
- Fixed mounted, Plug-in version available
- Thermal Magnetic Trip Units (FTFM, ATFM, FM & AM)
- Available up to 500Vac / 500Vdc applications
- Universal platform of accessories across all sizes
- Type-2 coordination chart available for motor application

**www.siemens.co.in**

**Certifications:**

- Lloyd's Register (LR)
- Det Norske Veritas (DNV)
- Bureau Veritas (BV)
- American Bureau of Shipping (ABS)
- Russian Maritime Register of Shipping (RMRS)
- UK Declaration of Conformity
- EU Declaration of Conformity

SIEMENS

# MCCB: SENTRON 3VM

- Rated current: 16A to 630A
- 1 pole^, 2 pole^, 3 pole & 4 pole versions
- Breaking capacity: 16kA to 55kA
- Thermal magnetic trip unit (FTFM, ATFM, AM, FM)
- Switch disconnectors
- Common Internal accessories for the entire range
- Knowledge Manager (QR Code)



**SENTRON 3VM, Thermal Magnetic Trip Unit, Fixed Thermal Fixed Magnetic (FTFM), 415VAC, 50Hz**

| Frame Size | Breaking Capacity @ 415VAC, 50/60Hz | Rated Current In (A) | 3 Pole Type | Unit MRP@ ₹ | 4 Pole Type | Unit MRP@ ₹ |
|---|---|---|---|---|---|---|
| 3VM10 | 16kA | 16 | 3VM1096-2ED32-0AA0 | 24130.- | 3VM1096-2ED42-0AA0 | 31280.- |
| | | 20 | 3VM1020-2ED32-0AA0 | 24130.- | 3VM1020-2ED42-0AA0 | 31280.- |
| | | 25 | 3VM1025-2ED32-0AA0 | 24130.- | 3VM1025-2ED42-0AA0 | 31280.- |
| | | 32 | 3VM1032-2ED32-0AA0 | 24130.- | 3VM1032-2ED42-0AA0 | 31280.- |
| | | 40 | 3VM1040-2ED32-0AA0 | 24130.- | 3VM1040-2ED42-0AA0 | 31280.- |
| | | 50 | 3VM1050-2ED32-0AA0 | 24130.- | 3VM1050-2ED42-0AA0 | 31280.- |
| | | 63 | 3VM1063-2ED32-0AA0 | 24130.- | 3VM1063-2ED42-0AA0 | 31280.- |
| | | 80 | 3VM1080-2ED32-0AA0 | 26370.- | 3VM1080-2ED42-0AA0 | 34240.- |
| | | 100 | 3VM1010-2ED32-0AA0 | 28625.- | 3VM1010-2ED42-0AA0 | 37290.- |
| 3VM10 | 25kA | 16 | 3VM1096-3ED32-0AA0 | 25010.- | 3VM1096-3ED42-0AA0 | 32650.- |
| | | 20 | 3VM1020-3ED32-0AA0 | 25010.- | 3VM1020-3ED42-0AA0 | 32650.- |
| | | 25 | 3VM1025-3ED32-0AA0 | 25010.- | 3VM1025-3ED42-0AA0 | 32650.- |
| | | 32 | 3VM1032-3ED32-0AA0 | 25010.- | 3VM1032-3ED42-0AA0 | 32650.- |
| | | 40 | 3VM1040-3ED32-0AA0 | 25010.- | 3VM1040-3ED42-0AA0 | 32650.- |
| | | 50 | 3VM1050-3ED32-0AA0 | 25010.- | 3VM1050-3ED42-0AA0 | 32650.- |
| | | 63 | 3VM1063-3ED32-0AA0 | 25010.- | 3VM1063-3ED42-0AA0 | 32650.- |
| | | 80 | 3VM1080-3ED32-0AA0 | 27230.- | 3VM1080-3ED42-0AA0 | 35410.- |
| | | 100 | 3VM1010-3ED32-0AA0 | 29245.- | 3VM1010-3ED42-0AA0 | 38060.- |
| 3VM11 | | 125 | 3VM1112-3ED32-0AA0 | 37480.- | 3VM1112-3ED42-0AA0 | 49495.- |
| | | 160 | 3VM1116-3ED32-0AA0 | 48890.- | 3VM1116-3ED42-0AA0 | 61915.- |

| Frame Size | Breaking Capacity @ 415VAC, 50/60Hz | Rated Current In (A) | 3 Pole Type | Unit LP* ₹ | 4 Pole Type | Unit LP* ₹ |
|---|---|---|---|---|---|---|
| 3VM11 | 36kA | 16 | 3VM1196-4ED32-0AA0 | 26390.- | 3VM1196-4GD42-0AA0 | 36530.- |
| | | 20 | 3VM1120-4ED32-0AA0 | 26390.- | 3VM1120-4GD42-0AA0 | 36530.- |
| | | 25 | 3VM1125-4ED32-0AA0 | 26390.- | 3VM1125-4GD42-0AA0 | 36530.- |
| | | 32 | 3VM1132-4ED32-0AA0 | 26390.- | 3VM1132-4GD42-0AA0 | 36530.- |
| | | 40 | 3VM1140-4ED32-0AA0 | 26390.- | 3VM1140-4GD42-0AA0 | 36530.- |
| | | 50 | 3VM1150-4ED32-0AA0 | 26390.- | 3VM1150-4GD42-0AA0 | 36530.- |
| | | 63 | 3VM1163-4ED32-0AA0 | 26390.- | 3VM1163-4GD42-0AA0 | 36530.- |
| | | 80 | 3VM1180-4ED32-0AA0 | 27720.- | 3VM1180-4GD42-0AA0 | 40060.- |
| | | 100 | 3VM1110-4ED32-0AA0 | 32160.- | 3VM1110-4GD42-0AA0 | 46300.- |
| | | 125 | 3VM1112-4ED32-0AA0 | 56455.- | 3VM1112-4GD42-0AA0 | 73400.- |
| | | 160 | 3VM1116-4ED32-0AA0 | 62365.- | 3VM1116-4GD42-0AA0 | 81100.- |
| 3VM12 | | 200 | 3VM1220-4ED32-0AA0 | 67000.- | 3VM1220-4GD42-0AA0 | 82940.- |
| | | 250 | 3VM1225-4ED32-0AA0 | 89370.- | 3VM1225-4GD42-0AA0 | 105300.- |
| 3VM13 | | 320 | 3VM1332-4ED32-0AA0 | 125540.- | 3VM1332-4GD42-0AA0 | 162530.- |
| | | 400 | 3VM1340-4ED32-0AA0 | 125540.- | 3VM1340-4GD42-0AA0 | 162530.- |
| 3VM14 | | 500 | 3VM1450-4ED32-0AA0 | 162030.- | 3VM1450-4GD42-0AA0 | 209890.- |
| | | 630 | 3VM1463-4ED32-0AA0 | 162030.- | 3VM1463-4GD42-0AA0 | 209890.- |

^ 3VM11 TMTU up to 160A, please contact your nearest Siemens Sales Office for more details.

Std. Pkg. = 1 unit

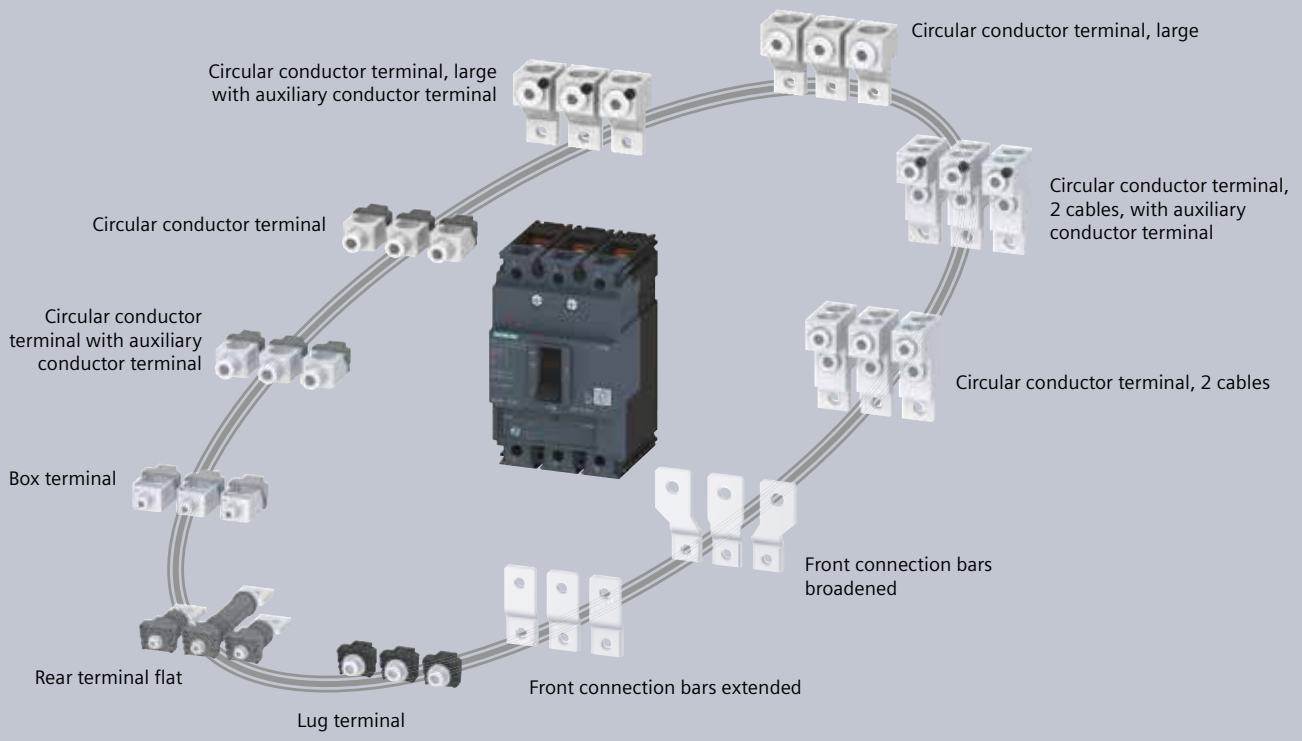
AM: Adjustable Magnetic FM: Fixed Magnetic

* LP - List Price @ MRP - Max. Retail Price

## SENTRON 3VM, Thermal Magnetic Trip Unit, Fixed Thermal Fixed Magnetic (FTFM), 415VAC, 50Hz (Contd.)

| Frame Size | Breaking Capacity @ 415VAC, 50/60Hz | Rated Current In (A) | 3 Pole Type | Unit LP* ₹ | 4 Pole Type | Unit LP* ₹ |
|---|---|---|---|---|---|---|
| 3VM11 | 55kA | 16 | 3VM1196-5ED32-0AA0 | 30335.- | 3VM1196-5GD42-0AA0 | 39355.- |
| | | 20 | 3VM1120-5ED32-0AA0 | 30335.- | 3VM1120-5GD42-0AA0 | 39355.- |
| | | 25 | 3VM1125-5ED32-0AA0 | 30335.- | 3VM1125-5GD42-0AA0 | 39355.- |
| | | 32 | 3VM1132-5ED32-0AA0 | 30335.- | 3VM1132-5GD42-0AA0 | 39355.- |
| | | 40 | 3VM1140-5ED32-0AA0 | 30335.- | 3VM1140-5GD42-0AA0 | 39355.- |
| | | 50 | 3VM1150-5ED32-0AA0 | 30335.- | 3VM1150-5GD42-0AA0 | 39355.- |
| | | 63 | 3VM1163-5ED32-0AA0 | 30335.- | 3VM1163-5GD42-0AA0 | 39355.- |
| | | 80 | 3VM1180-5ED32-0AA0 | 33235.- | 3VM1180-5GD42-0AA0 | 43205.- |
| | | 100 | 3VM1110-5ED32-0AA0 | 38500.- | 3VM1110-5GD42-0AA0 | 49980.- |
| | | 125 | 3VM1112-5ED32-0AA0 | 62050.- | 3VM1112-5GD42-0AA0 | 80660.- |
| | | 160 | 3VM1116-5ED32-0AA0 | 68545.- | 3VM1116-5GD42-0AA0 | 89185.- |
| 3VM12 | | 200 | 3VM1220-5ED32-0AA0 | 74150.- | 3VM1220-5GD42-0AA0 | 93955.- |
| | | 250 | 3VM1225-5ED32-0AA0 | 96515.- | 3VM1225-5GD42-0AA0 | 116330.- |
| 3VM13 | | 320 | 3VM1332-5ED32-0AA0 | 143150.- | 3VM1332-5GD42-0AA0 | 179315.- |
| | | 400 | 3VM1340-5ED32-0AA0 | 143150.- | 3VM1340-5GD42-0AA0 | 179315.- |
| 3VM14 | | 500 | 3VM1450-5ED32-0AA0 | 185140.- | 3VM1450-5GD42-0AA0 | 231290.- |
| | | 630 | 3VM1463-5ED32-0AA0 | 185140.- | 3VM1463-5GD42-0AA0 | 231290.- |

# An extensive portfolio of connection components....




# ..to meet ALL installation requirements.

Std. Pkg. = 1 unit

* LP - List Price

## SENTRON 3VM, Thermal Magnetic Trip Unit, Adj. Thermal Fixed Magnetic (ATFM), 415VAC, 50Hz

| Frame Size | Breaking Capacity @ 415VAC, 50/60Hz | Rated Current In (A) | 3 Pole Type | Unit LP* ₹ | 4 Pole Type | Unit LP* ₹ |
|---|---|---|---|---|---|---|
| 3VM11 | 25kA | 16 | 3VM1196-3EE32-0AA0 | 29720.- | 3VM1196-3GE42-0AA0 | 44770.- |
| | | 20 | 3VM1120-3EE32-0AA0 | 29720.- | 3VM1120-3GE42-0AA0 | 44770.- |
| | | 25 | 3VM1125-3EE32-0AA0 | 29720.- | 3VM1125-3GE42-0AA0 | 44770.- |
| | | 32 | 3VM1132-3EE32-0AA0 | 29720.- | 3VM1132-3GE42-0AA0 | 44770.- |
| | | 40 | 3VM1140-3EE32-0AA0 | 29720.- | 3VM1140-3GE42-0AA0 | 44770.- |
| | | 50 | 3VM1150-3EE32-0AA0 | 29720.- | 3VM1150-3GE42-0AA0 | 44770.- |
| | | 63 | 3VM1163-3EE32-0AA0 | 29720.- | 3VM1163-3GE42-0AA0 | 44770.- |
| | | 80 | 3VM1180-3EE32-0AA0 | 29720.- | 3VM1180-3GE42-0AA0 | 44770.- |
| | | 100 | 3VM1110-3EE32-0AA0 | 29720.- | 3VM1110-3GE42-0AA0 | 44770.- |
| | | 125 | 3VM1112-3EE32-0AA0 | 38340.- | 3VM1112-3GE42-0AA0 | 52475.- |
| | | 160 | 3VM1116-3EE32-0AA0 | 52760.- | 3VM1116-3GE42-0AA0 | 67160.- |
| 3VM11 | 36kA | 16 | 3VM1196-4EE32-0AA0 | 38435.- | 3VM1196-4GE42-0AA0 | 50290.- |
| | | 20 | 3VM1120-4EE32-0AA0 | 38435.- | 3VM1120-4GE42-0AA0 | 50290.- |
| | | 25 | 3VM1125-4EE32-0AA0 | 38435.- | 3VM1125-4GE42-0AA0 | 50290.- |
| | | 32 | 3VM1132-4EE32-0AA0 | 38435.- | 3VM1132-4GE42-0AA0 | 50290.- |
| | | 40 | 3VM1140-4EE32-0AA0 | 38435.- | 3VM1140-4GE42-0AA0 | 50290.- |
| | | 50 | 3VM1150-4EE32-0AA0 | 38435.- | 3VM1150-4GE42-0AA0 | 50290.- |
| | | 63 | 3VM1163-4EE32-0AA0 | 38435.- | 3VM1163-4GE42-0AA0 | 50290.- |
| | | 80 | 3VM1180-4EE32-0AA0 | 38435.- | 3VM1180-4GE42-0AA0 | 50290.- |
| | | 100 | 3VM1110-4EE32-0AA0 | 38435.- | 3VM1110-4GE42-0AA0 | 50290.- |
| | | 125 | 3VM1112-4EE32-0AA0 | 59150.- | 3VM1112-4GE42-0AA0 | 75320.- |
| | | 160 | 3VM1116-4EE32-0AA0 | 64080.- | 3VM1116-4GE42-0AA0 | 83195.- |
| 3VM12 | | 200 | 3VM1220-4EE32-0AA0 | 92695.- | 3VM1220-4GE42-0AA0 | 108180.- |
| | | 250 | 3VM1225-4EE32-0AA0 | 92695.- | 3VM1225-4GE42-0AA0 | 108180.- |
| 3VM13 | | 320 | 3VM1332-4EE32-0AA0 | 125540.- | 3VM1332-4GE42-0AA0 | 162530.- |
| | | 400 | 3VM1340-4EE32-0AA0 | 125540.- | 3VM1340-4GE42-0AA0 | 162530.- |
| 3VM14 | | 500 | 3VM1450-4EE32-0AA0 | 162030.- | 3VM1450-4GE42-0AA0 | 209890.- |
| | | 630 | 3VM1463-4EE32-0AA0 | 162030.- | 3VM1463-4GE42-0AA0 | 209890.- |
| 3VM11 | 55kA | 16 | 3VM1196-5EE32-0AA0 | 43790.- | 3VM1196-5GE42-0AA0 | 55325.- |
| | | 20 | 3VM1120-5EE32-0AA0 | 43790.- | 3VM1120-5GE42-0AA0 | 55325.- |
| | | 25 | 3VM1125-5EE32-0AA0 | 43790.- | 3VM1125-5GE42-0AA0 | 55325.- |
| | | 32 | 3VM1132-5EE32-0AA0 | 43790.- | 3VM1132-5GE42-0AA0 | 55325.- |
| | | 40 | 3VM1140-5EE32-0AA0 | 43790.- | 3VM1140-5GE42-0AA0 | 55325.- |
| | | 50 | 3VM1150-5EE32-0AA0 | 43790.- | 3VM1150-5GE42-0AA0 | 55325.- |
| | | 63 | 3VM1163-5EE32-0AA0 | 43790.- | 3VM1163-5GE42-0AA0 | 55325.- |
| | | 80 | 3VM1180-5EE32-0AA0 | 43790.- | 3VM1180-5GE42-0AA0 | 55325.- |
| | | 100 | 3VM1110-5EE32-0AA0 | 43790.- | 3VM1110-5GE42-0AA0 | 55325.- |
| | | 125 | 3VM1112-5EE32-0AA0 | 68740.- | 3VM1112-5GE42-0AA0 | 82570.- |
| | | 160 | 3VM1116-5EE32-0AA0 | 70475.- | 3VM1116-5GE42-0AA0 | 90950.- |
| 3VM12 | | 200 | 3VM1220-5EE32-0AA0 | 99610.- | 3VM1220-5GE42-0AA0 | 118855.- |
| | | 250 | 3VM1225-5EE32-0AA0 | 99610.- | 3VM1225-5GE42-0AA0 | 118855.- |
| 3VM13 | | 320 | 3VM1332-5EE32-0AA0 | 143150.- | 3VM1332-5GE42-0AA0 | 179315.- |
| | | 400 | 3VM1340-5EE32-0AA0 | 143150.- | 3VM1340-5GE42-0AA0 | 179315.- |
| 3VM14 | | 500 | 3VM1450-5EE32-0AA0 | 185140.- | 3VM1450-5GE42-0AA0 | 231290.- |
| | | 630 | 3VM1463-5EE32-0AA0 | 185140.- | 3VM1463-5GE42-0AA0 | 231290.- |

Std. Pkg. = 1 unit

* LP - List Price

### SENTRON 3VM, Motor Starter Protection, 3pole, Adjustable Magnetic (AM) trip unit

| Frame Size | Rated Current In (A) | Breaking Capacity (55kA, 415V, 50/60Hz) | Unit LP* ₹ |
|---|---|---|---|
| 3VM11 | 8 [1] | 3VM1108-5MG32-0AA0 | 38135.- |
| | 12.5 [1] | 3VM1192-5MG32-0AA0 | 38135.- |
| | 20 | 3VM1120-5MH32-0AA0 | 38135.- |
| | 32 | 3VM1132-5MH32-0AA0 | 45575.- |
| | 40 | 3VM1140-5MH32-0AA0 | 45575.- |
| | 50 | 3VM1150-5MH32-0AA0 | 45575.- |
| | 63 | 3VM1163-5MH32-0AA0 | 45575.- |
| | 80 | 3VM1180-5MH32-0AA0 | 45575.- |
| | 100 | 3VM1110-5MH32-0AA0 | 45575.- |
| | 125 | 3VM1112-5MH32-0AA0 | 67825.- |
| 3VM12 | 160 | 3VM1216-5MH32-0AA0 | 67825.- |
| | 200 | 3VM1220-5MH32-0AA0 | 102890.- |
| 3VM13 | 250 | 3VM1325-5MH32-0AA0 | 112390.- |
| | 320 | 3VM1332-5MH32-0AA0 | 154220.- |
| 3VM14 | 400 | 3VM1440-5MH32-0AA0 | 176530.- |
| | 500 | 3VM1450-5MH32-0AA0 | 203220.- |



Please refer recommended Type-2 coordination chart.

### SENTRON 3VM, Switch Disconnector (without protection)

| Frame Size | Rated Current In (A) | 3pole Type | Unit LP* ₹ | 4pole Type | Unit LP* ₹ |
|---|---|---|---|---|---|
| 3VM11 | 63 | 3VM1163-1AA32-0AA0 | 28470.- | 3VM1163-1AA42-0AA0 | 42050.- |
| | 100 | 3VM1110-1AA32-0AA0 | 28470.- | 3VM1110-1AA42-0AA0 | 42050.- |
| | 125 | 3VM1112-1AA32-0AA0 | 41520.- | 3VM1112-1AA42-0AA0 | 52260.- |
| | 160 | 3VM1116-1AA32-0AA0 | 41520.- | 3VM1116-1AA42-0AA0 | 52260.- |
| 3VM12 | 250 | 3VM1225-1AA32-0AA0 | 69100.- | 3VM1225-1AA42-0AA0 | 92165.- |
| 3VM13 | 400 | 3VM1340-1AA32-0AA0 | 92225.- | 3VM1340-1AA42-0AA0 | 119930.- |

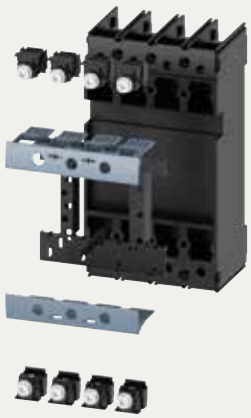
[1] Fixed magnetic

## 3VM Plug in Portfolio

16A-630A, 3P & 4P



3VM MCCB



Plug in kit

**Plug in technology**

- Easy to handle
- Quick Replacement
- Safe Installation

Available as complete kit and/or conversion kit. Please contact your nearest Siemens Sales Office for further information.

Std. Pkg. = 1 unit

* LP - List Price

## SENTRON 3VM, Thermal Magnetic Trip Unit, Fixed Thermal Fixed Magnetic (FTFM)

| Frame Size | Breaking Capacity | Rated Current In (A) | 1 Pole Type | Unit LP* ₹ | 2 Pole Type | Unit LP* ₹ |
|---|---|---|---|---|---|---|
| 3VM11 | 25kA[1)] | 16 | 3VM1196-3ED12-0AA0 | 11105.- | 3VM1196-3ED22-0AA0 | 19915.- |
| | | 20 | 3VM1120-3ED12-0AA0 | 11105.- | 3VM1120-3ED22-0AA0 | 19915.- |
| | | 25 | 3VM1125-3ED12-0AA0 | 11105.- | 3VM1125-3ED22-0AA0 | 19915.- |
| | | 32 | 3VM1132-3ED12-0AA0 | 11105.- | 3VM1132-3ED22-0AA0 | 19915.- |
| | | 40 | 3VM1140-3ED12-0AA0 | 11105.- | 3VM1140-3ED22-0AA0 | 19915.- |
| | | 50 | 3VM1150-3ED12-0AA0 | 11105.- | 3VM1150-3ED22-0AA0 | 19915.- |
| | | 63 | 3VM1163-3ED12-0AA0 | 11105.- | 3VM1163-3ED22-0AA0 | 19915.- |
| | | 80 | 3VM1180-3ED12-0AA0 | 12210.- | 3VM1180-3ED22-0AA0 | 21810.- |
| | | 100 | 3VM1110-3ED12-0AA0 | 14090.- | 3VM1110-3ED22-0AA0 | 25555.- |
| | | 125 | 3VM1112-3ED12-0AA0 | 22760.- | 3VM1112-3ED22-0AA0 | 41345.- |
| | | 160 | 3VM1116-3ED12-0AA0 | 26520.- | 3VM1116-3ED22-0AA0 | 47760.- |
| 3VM11 | 36kA[1)] | 16 | 3VM1196-4ED12-0AA0 | 12010.- | 3VM1196-4ED22-0AA0 | 21810.- |
| | | 20 | 3VM1120-4ED12-0AA0 | 12010.- | 3VM1120-4ED22-0AA0 | 21810.- |
| | | 25 | 3VM1125-4ED12-0AA0 | 12010.- | 3VM1125-4ED22-0AA0 | 21810.- |
| | | 32 | 3VM1132-4ED12-0AA0 | 12010.- | 3VM1132-4ED22-0AA0 | 21810.- |
| | | 40 | 3VM1140-4ED12-0AA0 | 12010.- | 3VM1140-4ED22-0AA0 | 21810.- |
| | | 50 | 3VM1150-4ED12-0AA0 | 12010.- | 3VM1150-4ED22-0AA0 | 21810.- |
| | | 63 | 3VM1163-4ED12-0AA0 | 12010.- | 3VM1163-4ED22-0AA0 | 21810.- |
| | | 80 | 3VM1180-4ED12-0AA0 | 13345.- | 3VM1180-4ED22-0AA0 | 24085.- |
| | | 100 | 3VM1110-4ED12-0AA0 | 14375.- | 3VM1110-4ED22-0AA0 | 27815.- |
| | | 125 | 3VM1112-4ED12-0AA0 | 24670.- | 3VM1112-4ED22-0AA0 | 44345.- |
| | | 160 | 3VM1116-4ED12-0AA0 | 28750.- | 3VM1116-4ED22-0AA0 | 51875.- |

[1)] 1pole : Icu 25kA/ 36kA @ 240VAC, 2pole : Icu 25kA/ 36kA @ 415VAC

## Earth fault protection for SENTRON 3VM moulded case circuit breakers

| Description | | Type | Unit LP* ₹ |
|---|---|---|---|
| Earth fault monitoring relay | • Auxiliary voltage: 85-270V AC/DC<br>• Change over contact: 2C/O<br>• Width: 35mm module | 7UG0861-1BU20 | 10730.- |
| CBCT for EFR: 160 frame<br>Suitable for 3VM10/11 | 3P | 7UG09910 | 3700.- |
| | 4P | 7UG09911 | 4225.- |
| CBCT for EFR: 250 frame<br>Suitable for 3VM12 | 3P | 7UG09912 | 4470.- |
| | 4P | 7UG09913 | 5270.- |
| CBCT for EFR: 630 frame<br>Suitable for 3VM13/14 | 3P | 7UG09914 | 6595.- |
| | 4P | 7UG09915 | 7140.- |

## Earth leakage protection for SENTRON 3VM Moulded Case Circuit Breakers

| Description | | Type | Unit LP* ₹ |
|---|---|---|---|
| Earth leakage relay<br>1Ph-2W, 3Ph-3W, 3Ph-4W | 110VAC | 7UG0841-1CB20 | 10385.- |
| | 230VAC | 7UG0842-1CD20 | 10490.- |
| CBCT for ELR | 35 mm dia | 7UG0996 | 3775.- |
| | 70 mm dia | 7UG0997 | 4320.- |
| | 120 mm dia | 7UG0999 | 7360.- |
| | 210 mm dia | 7UG0994 | 14145.- |
| | 310 mm dia | 7UG0995 | 21085.- |

Note: Order 1 no of shunt trip release for MCCB seperately along with earth fault relay / earth leakage relay

Std. Pkg. = 1 unit

* LP - List Price

## Internal accessories for SENTRON 3VM10/11/12/13/14 100A-630A

| MLFB | Description | Unit LP*₹ |
|---|---|---|
| **Auxiliary Switches and Alarm Switches (1 C/O)** | | |
| **3VM9988-0AA12** | Auxiliary Switch AUX (1 C/O) | **4420.-** |
| **3VM9988-0AB12** | Trip Alarm Switch TAS (1 C/O) | **4420.-** |
| **Undervoltage releases** | | |
| **3VM9908-0BB11** | UVR 24V DC | **9850.-** |
| **3VM9908-0BB12** | UVR 48V DC | **9850.-** |
| **3VM9908-0BB23** | UVR 110 V AC 50/60HZ | **9850.-** |
| **3VM9908-0BB25** | UVR 208-230 V AC 50/60 HZ | **9850.-** |
| **3VM9908-0BB26** | UVR 380-400 V AC 50/60 HZ | **9850.-** |
| **Shunt release (Left)** | | |
| **3VM9908-0BL30** | STL 24V AC 50/60Hz / 12-30V DC | **7985.-** |
| **3VM9908-0BL31** | STL 48-60V AC 50/60Hz/ DC | **7985.-** |
| **3VM9908-0BL32** | STL 110-127 V AC 50/60 HZ / DC | **7985.-** |
| **3VM9908-0BL33** | STL 208-277 V AC 50/60 HZ / 220-250 V DC | **7985.-** |
| **3VM9908-0BL20** | STL 380-600 V AC 50/60 HZ | **7985.-** |

## External Accessories:

| MLFB | Description | Unit LP*₹ |
|---|---|---|
| **Rotary Handles** [1)] | | |
| **3VM9117-0FK51**[@] | Door mounted Rotary Operator with 8UC drive, Standard, 3VM10/ 11 | **4975.-** |
| **3VM9217-0FK51**[@] | Door mounted Rotary Operator with 8UC drive, Standard, 3VM12 | **6275.-** |
| **3VM9417-0FK51**[@] | Door mounted Rotary Operator with 8UC drive, Standard, 3VM13/ 14 | **7085.-** |
| **3VM9117-0EK21** | Direct mounted Rotary Operator (Grey), Standard, 3VM10/ 11 | **6305.-** |
| **3VM9217-0EK21** | Direct mounted Rotary Operator (Grey), Standard, 3VM12 | **8280.-** |
| **3VM9417-0EK21** | Direct mounted Rotary Operator (Grey), Standard, 3VM13/ 14 | **9140.-** |
| **Spreaders (incl. Phase barriers)** | | |
| **3VM9153-0QC50** | Spreader links - Broadened, 3pole, 3VM10/ 11 | **2605.-** |
| **3VM9154-0QC50** | Spreader links - Broadened, 4pole, 3VM10/ 11 | **3335.-** |
| **3VM9253-0QC50** | Spreader links - Broadened, 3pole, 3VM12 | **3250.-** |
| **3VM9254-0QC50** | Spreader links - Broadened, 4pole, 3VM12 | **4325.-** |
| **3VM9483-0QC50** | Spreader links - Broadened, 3pole, 3VM13/ 14 | **4360.-** |
| **3VM9484-0QC50** | Spreader links - Broadened, 4pole, 3VM13/ 14 | **5665.-** |
| **Extended terminals (incl. Phase barriers)** | | |
| **3VM9253-0QB50** | Extended terminals, 3pole, 3VM12 | **2195.-** |
| **3VM9254-0QB50** | Extended terminals, 4pole, 3VM12 | **2930.-** |
| **3VM9483-0QB50** | Extended terminals, 3pole, 3VM13/ 14 | **2950.-** |
| **3VM9484-0QB50** | Extended terminals, 4pole, 3VM13/ 14 | **3845.-** |
| **Phase barriers** | | |
| **3VM9152-0WA00** | Phase barriers (1set = 2 phase barriers), 3VM10/ 11 | **1860.-** |
| **3VM9252-0WA00** | Phase barriers (1set = 2 phase barriers), 3VM12 | **2585.-** |
| **3VM9482-0WA00** | Phase barriers (1set = 2 phase barriers), 3VM13/ 14 | **2585.-** |
| **Locking device for breaker with Toggle lever** | | |
| **3VM9188-0LB10** | Locking device for: 3VM10/ 11/ 12 | **4900.-** |
| **3VM9388-0LB10** | Locking device for: 3VM13/ 14 | **6470.-** |
| **Interlocking (for MCCBs with 8UC handles)** | | |
| **8UC60701YQ..** [#] | Castell interlock kit for 3VM10/ 11/ 12/ 13/ 14 | **12920.-** |


AUX


TAS


UVR


STL

Notes:

[#] The 11th and 12th place of the type reference will indicate the alphabet type of lock & key. Combinations available are A, B, C, D, A-, -B, -C, AB, AC. 11th place will be A, B, C, D for castell lock type A, B, C, D respectively. 11th and 12 place will be A0, 0B, 0C, AB, AC for castell lock type A-, -B, -C, AB, AC respectively

[@] 1 set contains rotary mechanism, coupler, shaft and 8UC Front drive. Spreader link 1 set = 3 nos. links and 2 nos. phase barriers in case of 3 pole; and 4 nos. links and 3 nos. phase barriers in case of 4 pole.

[1)] Rotary handles are not available for 1pole/ 2pole 3VM1 MCCBs

Std. Pkg. = 1 unit

* LP - List Price

THE POWER OF **SIMPLICITY**

# **SINOPLUS** 3VJ1 moulded case circuit breakers

## Thermal Magnetic Trip Unit

**Compact**
Effcient design

**Versatile**
For various applications

**Reliable**
Siemens trusted quality

**Operational efficiency**
Reduced downtime



**www.siemens.co.in**

SIEMENS

# 3VJ Moulded Case Circuit Breaker

## 3VJ10 MCCB, Thermal Magnetic Trip Unit, Fixed Thermal Fixed Magnetic (FTFM), 415VAC, 50Hz

| Frame Size | Breaking Capacity @415V AC, 50/60Hz | Rated Current In (A) | 2^ Pole Type | Unit MRP* ₹ | 3 Pole Type | Unit MRP* ₹ | 4 Pole Type | Unit MRP* ₹ |
|---|---|---|---|---|---|---|---|---|
| 3VJ10 (VJ1 125X) | 10kA | 16 | 3VJ1096-0DA22-0AA0 | 6055.- | 3VJ1096-0DA32-0AA0 | 7520.- | 3VJ1096-0EA42-0AA0 | 10770.- |
| | | 20 | 3VJ1002-0DA22-0AA0 | 6055.- | 3VJ1002-0DA32-0AA0 | 7520.- | 3VJ1002-0EA42-0AA0 | 10770.- |
| | | 25 | 3VJ1092-0DA22-0AA0 | 6055.- | 3VJ1092-0DA32-0AA0 | 7520.- | 3VJ1092-0EA42-0AA0 | 10770.- |
| | | 32 | 3VJ1003-0DA22-0AA0 | 6055.- | 3VJ1003-0DA32-0AA0 | 7520.- | 3VJ1003-0EA42-0AA0 | 10770.- |
| | | 40 | 3VJ1004-0DA22-0AA0 | 6055.- | 3VJ1004-0DA32-0AA0 | 7520.- | 3VJ1004-0EA42-0AA0 | 10770.- |
| | | 50 | 3VJ1005-0DA22-0AA0 | 6055.- | 3VJ1005-0DA32-0AA0 | 7520.- | 3VJ1005-0EA42-0AA0 | 10770.- |
| | | 63 | 3VJ1006-0DA22-0AA0 | 6055.- | 3VJ1006-0DA32-0AA0 | 7520.- | 3VJ1006-0EA42-0AA0 | 10770.- |
| | | 80 | 3VJ1008-0DA22-0AA0 | 6055.- | 3VJ1008-0DA32-0AA0 | 7520.- | 3VJ1008-0EA42-0AA0 | 10770.- |
| | | 100 | 3VJ1010-0DA22-0AA0 | 6055.- | 3VJ1010-0DA32-0AA0 | 7520.- | 3VJ1010-0EA42-0AA0 | 10770.- |
| | | 125 | 3VJ1012-0DA22-0AA0 | 9360.- | 3VJ1012-0DA32-0AA0 | 11275.- | 3VJ1012-0EA42-0AA0 | 16150.- |
| | 18kA | 16 | 3VJ1096-1DA22-0AA0 | 8375.- | 3VJ1096-1DA32-0AA0 | 12090.- | 3VJ1096-1EA42-0AA0 | 15505.- |
| | | 20 | 3VJ1002-1DA22-0AA0 | 8375.- | 3VJ1002-1DA32-0AA0 | 12090.- | 3VJ1002-1EA42-0AA0 | 15505.- |
| | | 25 | 3VJ1092-1DA22-0AA0 | 8375.- | 3VJ1092-1DA32-0AA0 | 12090.- | 3VJ1092-1EA42-0AA0 | 15505.- |
| | | 32 | 3VJ1003-1DA22-0AA0 | 8375.- | 3VJ1003-1DA32-0AA0 | 12090.- | 3VJ1003-1EA42-0AA0 | 15505.- |
| | | 40 | 3VJ1004-1DA22-0AA0 | 8375.- | 3VJ1004-1DA32-0AA0 | 12090.- | 3VJ1004-1EA42-0AA0 | 15505.- |
| | | 50 | 3VJ1005-1DA22-0AA0 | 8375.- | 3VJ1005-1DA32-0AA0 | 12090.- | 3VJ1005-1EA42-0AA0 | 15505.- |
| | | 63 | 3VJ1006-1DA22-0AA0 | 8375.- | 3VJ1006-1DA32-0AA0 | 12090.- | 3VJ1006-1EA42-0AA0 | 15505.- |
| | | 80 | 3VJ1008-1DA22-0AA0 | 8375.- | 3VJ1008-1DA32-0AA0 | 12090.- | 3VJ1008-1EA42-0AA0 | 15505.- |
| | | 100 | 3VJ1010-1DA22-0AA0 | 8375.- | 3VJ1010-1DA32-0AA0 | 12090.- | 3VJ1010-1EA42-0AA0 | 15505.- |
| | | 125 | 3VJ1012-1DA22-0AA0 | 9685.- | 3VJ1012-1DA32-0AA0 | 13860.- | 3VJ1012-1EA42-0AA0 | 18030.- |
| | 25kA | 16 | 3VJ1096-3DA22-0AA0 | 10050.- | 3VJ1096-3DA32-0AA0 | 13175.- | 3VJ1096-3EA42-0AA0 | 17485.- |
| | | 20 | 3VJ1002-3DA22-0AA0 | 10050.- | 3VJ1002-3DA32-0AA0 | 13175.- | 3VJ1002-3EA42-0AA0 | 17485.- |
| | | 25 | 3VJ1092-3DA22-0AA0 | 10050.- | 3VJ1092-3DA32-0AA0 | 13175.- | 3VJ1092-3EA42-0AA0 | 17485.- |
| | | 32 | 3VJ1003-3DA22-0AA0 | 10050.- | 3VJ1003-3DA32-0AA0 | 13175.- | 3VJ1003-3EA42-0AA0 | 17485.- |
| | | 40 | 3VJ1004-3DA22-0AA0 | 10050.- | 3VJ1004-3DA32-0AA0 | 13175.- | 3VJ1004-3EA42-0AA0 | 17485.- |
| | | 50 | 3VJ1005-3DA22-0AA0 | 10050.- | 3VJ1005-3DA32-0AA0 | 13175.- | 3VJ1005-3EA42-0AA0 | 17485.- |
| | | 63 | 3VJ1006-3DA22-0AA0 | 10050.- | 3VJ1006-3DA32-0AA0 | 13175.- | 3VJ1006-3EA42-0AA0 | 17485.- |
| | | 80 | 3VJ1008-3DA22-0AA0 | 10050.- | 3VJ1008-3DA32-0AA0 | 13175.- | 3VJ1008-3EA42-0AA0 | 17485.- |
| | | 100 | 3VJ1010-3DA22-0AA0 | 10050.- | 3VJ1010-3DA32-0AA0 | 13175.- | 3VJ1010-3EA42-0AA0 | 17485.- |
| | | 125 | 3VJ1012-3DA22-0AA0 | 10050.- | 3VJ1012-3DA32-0AA0 | 15060.- | 3VJ1012-3EA42-0AA0 | 19220.- |

Notes:

Phase barriers are included in the standard MCCB packing

^2P in 3P Frame Size  Std. Pkg. = 1 unit  * MRP - Max. Retail Price

For single pole 3VJ MCCB, please contact your nearest Siemens Sales Office.



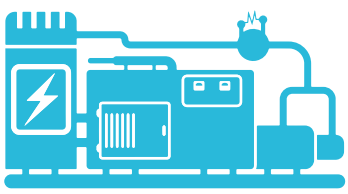
## 3VJ1 MCCB, Thermal Magnetic Trip Unit, Fixed Thermal Fixed Magnetic (FTFM), 415VAC, 50Hz

| Frame Size | Breaking Capacity @415V AC, 50/60Hz | Rated Current In (A) | 2^ Pole Type | Unit MRP* ₹ | 3 Pole Type | Unit MRP* ₹ | 4 Pole Type | Unit MRP* ₹ |
|---|---|---|---|---|---|---|---|---|
| 3VJ12 (VJ1 250) | 25kA | 160 | 3VJ1216-3DA22-0AA0 | 20405.- | 3VJ1216-3DA32-0AA0 | 23660.- | 3VJ1216-3EA42-0AA0 | 31115.- |
| | | 200 | 3VJ1220-3DA22-0AA0 | 20640.- | 3VJ1220-3DA32-0AA0 | 24025.- | 3VJ1220-3EA42-0AA0 | 34170.- |
| | | 250 | 3VJ1225-3DA22-0AA0 | 20850.- | 3VJ1225-3DA32-0AA0 | 27035.- | 3VJ1225-3EA42-0AA0 | 35600.- |
| 3VJ13 (VJ1 400) | | 320 | – | – | 3VJ1332-3DA32-0AA0 | 53555.- | 3VJ1332-3EA42-0AA0 | 68975.- |
| | | 400 | – | – | 3VJ1340-3DA32-0AA0 | 53555.- | 3VJ1340-3EA42-0AA0 | 68975.- |
| 3VJ11 (VJ1 125) | 36kA | 16 | 3VJ1196-5DA22-0AA0 | 15470.- | 3VJ1196-5DA32-0AA0 | 18395.- | 3VJ1196-5EA42-0AA0 | 24295.- |
| | | 20 | 3VJ1102-5DA22-0AA0 | 15470.- | 3VJ1102-5DA32-0AA0 | 18395.- | 3VJ1102-5EA42-0AA0 | 24295.- |
| | | 25 | 3VJ1192-5DA22-0AA0 | 15470.- | 3VJ1192-5DA32-0AA0 | 18395.- | 3VJ1192-5EA42-0AA0 | 24295.- |
| | | 32 | 3VJ1103-5DA22-0AA0 | 15470.- | 3VJ1103-5DA32-0AA0 | 18395.- | 3VJ1103-5EA42-0AA0 | 24295.- |
| | | 40 | 3VJ1104-5DA22-0AA0 | 15470.- | 3VJ1104-5DA32-0AA0 | 18395.- | 3VJ1104-5EA42-0AA0 | 24295.- |
| | | 50 | 3VJ1105-5DA22-0AA0 | 15470.- | 3VJ1105-5DA32-0AA0 | 18395.- | 3VJ1105-5EA42-0AA0 | 24295.- |
| | | 63 | 3VJ1106-5DA22-0AA0 | 15470.- | 3VJ1106-5DA32-0AA0 | 18395.- | 3VJ1106-5EA42-0AA0 | 24295.- |
| | | 80 | 3VJ1108-5DA22-0AA0 | 15470.- | 3VJ1108-5DA32-0AA0 | 18935.- | 3VJ1108-5EA42-0AA0 | 25050.- |
| | | 100 | 3VJ1110-5DA22-0AA0 | 15470.- | 3VJ1110-5DA32-0AA0 | 18935.- | 3VJ1110-5EA42-0AA0 | 25050.- |
| | | 125 | 3VJ1112-5DA22-0AA0 | 15470.- | 3VJ1112-5DA32-0AA0 | 20830.- | 3VJ1112-5EA42-0AA0 | 27220.- |
| 3VJ12 (VJ1 250) | | 160 | 3VJ1216-5DA22-0AA0 | 21520.- | 3VJ1216-5DA32-0AA0 | 26490.- | 3VJ1216-5EA42-0AA0 | 32220.- |
| | | 200 | 3VJ1220-5DA22-0AA0 | 22675.- | 3VJ1220-5DA32-0AA0 | 32665.- | 3VJ1220-5EA42-0AA0 | 42155.- |
| | | 250 | 3VJ1225-5DA22-0AA0 | 25590.- | 3VJ1225-5DA32-0AA0 | 37540.- | 3VJ1225-5EA42-0AA0 | 48310.- |
| 3VJ13 (VJ1 400) | | 320 | – | – | 3VJ1332-5DA32-0AA0 | 54895.- | 3VJ1332-5EA42-0AA0 | 70315.- |
| | | 400 | – | – | 3VJ1340-5DA32-0AA0 | 54895.- | 3VJ1340-5EA42-0AA0 | 70315.- |
| 3VJ14 (VJ1 630) | | 500 | – | – | 3VJ1450-5DA32-0AA0 | 82345.- | 3VJ1450-5EA42-0AA0 | 105480.- |
| | | 630 | – | – | 3VJ1463-5DA32-0AA0 | 82345.- | 3VJ1463-5EA42-0AA0 | 105480.- |
| 3VJ11 (VJ1 125) | 55kA | 16 | 3VJ1196-7DA22-0AA0 | 16270.- | 3VJ1196-7DA32-0AA0 | 23530.- | 3VJ1196-7EA42-0AA0 | 31045.- |
| | | 20 | 3VJ1102-7DA22-0AA0 | 16270.- | 3VJ1102-7DA32-0AA0 | 23530.- | 3VJ1102-7EA42-0AA0 | 31045.- |
| | | 25 | 3VJ1192-7DA22-0AA0 | 16270.- | 3VJ1192-7DA32-0AA0 | 23530.- | 3VJ1192-7EA42-0AA0 | 31045.- |
| | | 32 | 3VJ1103-7DA22-0AA0 | 16270.- | 3VJ1103-7DA32-0AA0 | 23530.- | 3VJ1103-7EA42-0AA0 | 31045.- |
| | | 40 | 3VJ1104-7DA22-0AA0 | 16270.- | 3VJ1104-7DA32-0AA0 | 23530.- | 3VJ1104-7EA42-0AA0 | 31045.- |
| | | 50 | 3VJ1105-7DA22-0AA0 | 16270.- | 3VJ1105-7DA32-0AA0 | 23530.- | 3VJ1105-7EA42-0AA0 | 31045.- |
| | | 63 | 3VJ1106-7DA22-0AA0 | 16270.- | 3VJ1106-7DA32-0AA0 | 23530.- | 3VJ1106-7EA42-0AA0 | 31045.- |
| | | 80 | 3VJ1108-7DA22-0AA0 | 16270.- | 3VJ1108-7DA32-0AA0 | 23530.- | 3VJ1108-7EA42-0AA0 | 31045.- |
| | | 100 | 3VJ1110-7DA22-0AA0 | 16270.- | 3VJ1110-7DA32-0AA0 | 23530.- | 3VJ1110-7EA42-0AA0 | 31045.- |
| | | 125 | 3VJ1112-7DA22-0AA0 | 16270.- | 3VJ1112-7DA32-0AA0 | 25890.- | 3VJ1112-7EA42-0AA0 | 34140.- |
| 3VJ12 (VJ1 250) | | 160 | 3VJ1216-7DA22-0AA0 | 23330.- | 3VJ1216-7DA32-0AA0 | 32770.- | 3VJ1216-7EA42-0AA0 | 43285.- |
| | | 200 | 3VJ1220-7DA22-0AA0 | 23795.- | 3VJ1220-7DA32-0AA0 | 37680.- | 3VJ1220-7EA42-0AA0 | 49760.- |
| | | 250 | 3VJ1225-7DA22-0AA0 | 26060.- | 3VJ1225-7DA32-0AA0 | 43330.- | 3VJ1225-7EA42-0AA0 | 57235.- |
| 3VJ13 (VJ1 400) | | 320 | – | – | 3VJ1332-7DA32-0AA0 | 56240.- | 3VJ1332-7EA42-0AA0 | 72330.- |
| | | 400 | – | – | 3VJ1340-7DA32-0AA0 | 56240.- | 3VJ1340-7EA42-0AA0 | 72330.- |
| 3VJ14 (VJ1 630) | | 500 | – | – | 3VJ1450-7DA32-0AA0 | 84355.- | 3VJ1450-7EA42-0AA0 | 108475.- |
| | | 630 | – | – | 3VJ1463-7DA32-0AA0 | 84355.- | 3VJ1463-7EA42-0AA0 | 108475.- |

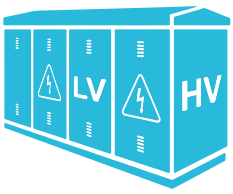
Notes:

Phase barriers are included in the standard MCCB packing

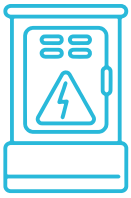
^2P in 3P Frame Size  Std. Pkg. = 1 unit  * MRP - Max. Retail Price



Diesel Generator




Compact Substation



Utility Feeder Panel

## 3VJ10 MCCB, Thermal Magnetic Trip Unit, Adjustable Thermal Fixed Magnetic (ATFM), 415VAC, 50Hz

| Frame Size | Breaking Capacity @415V AC, 50/60Hz | Rated Current In (A) | 3 Pole Type | Unit MRP* ₹ | 4 Pole Type | Unit MRP* ₹ |
|---|---|---|---|---|---|---|
| 3VJ10 (VJ1 125X) | 10kA | 16 | 3VJ1096-0DB32-0AA0 | 9575.- | 3VJ1096-0EB42-0AA0 | 12930.- |
| | | 20 | 3VJ1002-0DB32-0AA0 | 9575.- | 3VJ1002-0EB42-0AA0 | 12930.- |
| | | 25 | 3VJ1092-0DB32-0AA0 | 9575.- | 3VJ1092-0EB42-0AA0 | 12930.- |
| | | 32 | 3VJ1003-0DB32-0AA0 | 9575.- | 3VJ1003-0EB42-0AA0 | 12930.- |
| | | 40 | 3VJ1004-0DB32-0AA0 | 9575.- | 3VJ1004-0EB42-0AA0 | 12930.- |
| | | 50 | 3VJ1005-0DB32-0AA0 | 9575.- | 3VJ1005-0EB42-0AA0 | 12930.- |
| | | 63 | 3VJ1006-0DB32-0AA0 | 9575.- | 3VJ1006-0EB42-0AA0 | 12930.- |
| | | 80 | 3VJ1008-0DB32-0AA0 | 9575.- | 3VJ1008-0EB42-0AA0 | 12930.- |
| | | 100 | 3VJ1010-0DB32-0AA0 | 9575.- | 3VJ1010-0EB42-0AA0 | 12930.- |
| | | 125 | 3VJ1012-0DB32-0AA0 | 13775.- | 3VJ1012-0EB42-0AA0 | 19440.- |
| | 18kA | 16 | 3VJ1096-1DB32-0AA0 | 14480.- | 3VJ1096-1EB42-0AA0 | 18580.- |
| | | 20 | 3VJ1002-1DB32-0AA0 | 14480.- | 3VJ1002-1EB42-0AA0 | 18580.- |
| | | 25 | 3VJ1092-1DB32-0AA0 | 14480.- | 3VJ1092-1EB42-0AA0 | 18580.- |
| | | 32 | 3VJ1003-1DB32-0AA0 | 14480.- | 3VJ1003-1EB42-0AA0 | 18580.- |
| | | 40 | 3VJ1004-1DB32-0AA0 | 14480.- | 3VJ1004-1EB42-0AA0 | 18580.- |
| | | 50 | 3VJ1005-1DB32-0AA0 | 14480.- | 3VJ1005-1EB42-0AA0 | 18580.- |
| | | 63 | 3VJ1006-1DB32-0AA0 | 14480.- | 3VJ1006-1EB42-0AA0 | 18580.- |
| | | 80 | 3VJ1008-1DB32-0AA0 | 14480.- | 3VJ1008-1EB42-0AA0 | 18580.- |
| | | 100 | 3VJ1010-1DB32-0AA0 | 14480.- | 3VJ1010-1EB42-0AA0 | 18580.- |
| | | 125 | 3VJ1012-1DB32-0AA0 | 16595.- | 3VJ1012-1EB42-0AA0 | 21610.- |
| | 25kA | 16 | 3VJ1096-3DB32-0AA0 | 16630.- | 3VJ1096-3EB42-0AA0 | 22060.- |
| | | 20 | 3VJ1002-3DB32-0AA0 | 16630.- | 3VJ1002-3EB42-0AA0 | 22060.- |
| | | 25 | 3VJ1092-3DB32-0AA0 | 16630.- | 3VJ1092-3EB42-0AA0 | 22060.- |
| | | 32 | 3VJ1003-3DB32-0AA0 | 16630.- | 3VJ1003-3EB42-0AA0 | 22060.- |
| | | 40 | 3VJ1004-3DB32-0AA0 | 16630.- | 3VJ1004-3EB42-0AA0 | 22060.- |
| | | 50 | 3VJ1005-3DB32-0AA0 | 16630.- | 3VJ1005-3EB42-0AA0 | 22060.- |
| | | 63 | 3VJ1006-3DB32-0AA0 | 16630.- | 3VJ1006-3EB42-0AA0 | 22060.- |
| | | 80 | 3VJ1008-3DB32-0AA0 | 16630.- | 3VJ1008-3EB42-0AA0 | 22060.- |
| | | 100 | 3VJ1010-3DB32-0AA0 | 16630.- | 3VJ1010-3EB42-0AA0 | 22060.- |
| | | 125 | 3VJ1012-3DB32-0AA0 | 18970.- | 3VJ1012-3EB42-0AA0 | 24250.- |

Notes:

Phase barriers are included in the standard MCCB packing

Std. Pkg. = 1 unit

* MRP - Max. Retail Price



## 3VJ1 MCCB, Thermal Magnetic Trip Unit, Adjustable Thermal Fixed Magnetic (ATFM), 415VAC, 50Hz

| Frame Size | Breaking Capacity @415V AC, 50/60Hz | Rated Current In (A) | 3 Pole Type | Unit MRP* ₹ | 4 Pole Type | Unit MRP* ₹ |
|---|---|---|---|---|---|---|
| 3VJ12 (VJ1 250) | 25kA | 160 | 3VJ1216-3DB32-0AA0 | 26670.- | 3VJ1216-3EB42-0AA0 | 32470.- |
| | | 200 | 3VJ1220-3DB32-0AA0 | 28805.- | 3VJ1220-3EB42-0AA0 | 36250.- |
| | | 250 | 3VJ1225-3DB32-0AA0 | 32410.- | 3VJ1225-3EB42-0AA0 | 42690.- |
| 3VJ13 (VJ1 400) | | 320 | 3VJ1332-3DB32-0AA0 | 60660.- | 3VJ1332-3EB42-0AA0 | 78120.- |
| | | 400 | 3VJ1340-3DB32-0AA0 | 60660.- | 3VJ1340-3EB42-0AA0 | 78120.- |
| 3VJ11 (VJ1 125) | 36kA | 16 | 3VJ1196-5DB32-0AA0 | 22060.- | 3VJ1196-5EB42-0AA0 | 29130.- |
| | | 20 | 3VJ1102-5DB32-0AA0 | 22060.- | 3VJ1102-5EB42-0AA0 | 29130.- |
| | | 25 | 3VJ1192-5DB32-0AA0 | 22060.- | 3VJ1192-5EB42-0AA0 | 29130.- |
| | | 32 | 3VJ1103-5DB32-0AA0 | 22060.- | 3VJ1103-5EB42-0AA0 | 29130.- |
| | | 40 | 3VJ1104-5DB32-0AA0 | 22060.- | 3VJ1104-5EB42-0AA0 | 29130.- |
| | | 50 | 3VJ1105-5DB32-0AA0 | 22060.- | 3VJ1105-5EB42-0AA0 | 29130.- |
| | | 63 | 3VJ1106-5DB32-0AA0 | 22060.- | 3VJ1106-5EB42-0AA0 | 29130.- |
| | | 80 | 3VJ1108-5DB32-0AA0 | 22060.- | 3VJ1108-5EB42-0AA0 | 29130.- |
| | | 100 | 3VJ1110-5DB32-0AA0 | 22060.- | 3VJ1110-5EB42-0AA0 | 29130.- |
| | | 125 | 3VJ1112-5DB32-0AA0 | 24985.- | 3VJ1112-5EB42-0AA0 | 31675.- |
| 3VJ12 (VJ1 250) | | 160 | 3VJ1216-5DB32-0AA0 | 30250.- | 3VJ1216-5EB42-0AA0 | 36790.- |
| | | 200 | 3VJ1220-5DB32-0AA0 | 39170.- | 3VJ1220-5EB42-0AA0 | 50550.- |
| | | 250 | 3VJ1225-5DB32-0AA0 | 45030.- | 3VJ1225-5EB42-0AA0 | 57935.- |
| 3VJ13 (VJ1 400) | | 320 | 3VJ1332-5DB32-0AA0 | 62170.- | 3VJ1332-5EB42-0AA0 | 79630.- |
| | | 400 | 3VJ1340-5DB32-0AA0 | 62170.- | 3VJ1340-5EB42-0AA0 | 79630.- |
| 3VJ14 (VJ1 630) | | 500 | 3VJ1450-5DB32-0AA0 | 93270.- | 3VJ1450-5EB42-0AA0 | 119455.- |
| | | 630 | 3VJ1463-5DB32-0AA0 | 93270.- | 3VJ1463-5EB42-0AA0 | 119455.- |
| 3VJ11 (VJ1 125) | 55kA | 16 | 3VJ1196-7DB32-0AA0 | 26645.- | 3VJ1196-7EB42-0AA0 | 35150.- |
| | | 20 | 3VJ1102-7DB32-0AA0 | 26645.- | 3VJ1102-7EB42-0AA0 | 35150.- |
| | | 25 | 3VJ1192-7DB32-0AA0 | 26645.- | 3VJ1192-7EB42-0AA0 | 35150.- |
| | | 32 | 3VJ1103-7DB32-0AA0 | 26645.- | 3VJ1103-7EB42-0AA0 | 35150.- |
| | | 40 | 3VJ1104-7DB32-0AA0 | 26645.- | 3VJ1104-7EB42-0AA0 | 35150.- |
| | | 50 | 3VJ1105-7DB32-0AA0 | 26645.- | 3VJ1105-7EB42-0AA0 | 35150.- |
| | | 63 | 3VJ1106-7DB32-0AA0 | 26645.- | 3VJ1106-7EB42-0AA0 | 35150.- |
| | | 80 | 3VJ1108-7DB32-0AA0 | 26645.- | 3VJ1108-7EB42-0AA0 | 35150.- |
| | | 100 | 3VJ1110-7DB32-0AA0 | 26645.- | 3VJ1110-7EB42-0AA0 | 35150.- |
| | | 125 | 3VJ1112-7DB32-0AA0 | 29315.- | 3VJ1112-7EB42-0AA0 | 38670.- |
| 3VJ12 (VJ1 250) | | 160 | 3VJ1216-7DB32-0AA0 | 35075.- | 3VJ1216-7EB42-0AA0 | 46340.- |
| | | 200 | 3VJ1220-7DB32-0AA0 | 40350.- | 3VJ1220-7EB42-0AA0 | 53270.- |
| | | 250 | 3VJ1225-7DB32-0AA0 | 46370.- | 3VJ1225-7EB42-0AA0 | 61265.- |
| 3VJ13 (VJ1 400) | | 320 | 3VJ1332-7DB32-0AA0 | 63690.- | 3VJ1332-7EB42-0AA0 | 81925.- |
| | | 400 | 3VJ1340-7DB32-0AA0 | 63690.- | 3VJ1340-7EB42-0AA0 | 81925.- |
| 3VJ14 (VJ1 630) | | 500 | 3VJ1450-7DB32-0AA0 | 95550.- | 3VJ1450-7EB42-0AA0 | 122870.- |
| | | 630 | 3VJ1463-7DB32-0AA0 | 95550.- | 3VJ1463-7EB42-0AA0 | 122870.- |

Notes: Phase barriers are included in the standard MCCB packing

## Earth Fault Protection for 3VJ MCCBs

| Description | | Type | Unit LP* ₹ |
|---|---|---|---|
| Earth fault monitoring relay | • Auxiliary voltage: 85-270V AC/DC<br>• Change over contact: 2C/O<br>• Width: 35mm module | 7UG0861-1BU20 | 10730.- |
| CBCT for EFR: Suitable for 3VJ10 up to 125A | 3P | 7UG09910 | 3700.- |
| | 4P | 7UG09911 | 4225.- |
| CBCT for EFR: Suitable for 3VJ11 up to 125A | 3P | 7UG09911 | 4225.- |
| | 4P | 7UG09911 | 4225.- |
| CBCT for EFR: Suitable for 3VJ12 up to 250A | 3P | 7UG09912 | 4470.- |
| | 4P | 7UG09913 | 5270.- |
| CBCT for EFR: Suitable for 3VJ13/14 upto 630A | 3P | 7UG09915 | 7140.- |

## Earth Leakage Protection for 3VJ MCCBs

| Description | | Type | Unit LP* ₹ |
|---|---|---|---|
| Earth leakage relay 1Ph-2W, 3Ph-3W, 3Ph-4W | 110VAC | 7UG0841-1CB20 | 10385.- |
| | 230VAC | 7UG0842-1CD20 | 10490.- |
| CBCT for ELR | 35 mm dia | 7UG0996 | 3775.- |
| | 70 mm dia | 7UG0997 | 4320.- |
| | 120 mm dia | 7UG0999 | 7360.- |
| | 210 mm dia | 7UG0994 | 14145.- |
| | 310 mm dia | 7UG0995 | 21085.- |

Note: Order 1 no of shunt trip for MCCB seperately along with earth fault relay / earth leakage relay

Std. Pkg. = 1 unit * MRP - Max. Retail Price LP = List Price

## 3VJ1 Internal accessories

| Frame Size / Accessory | Accessory compartment/ Coil voltage | 3VJ10 (VJ1 125X) | Unit MRP* ₹ | 3VJ11 (VJ1 125) | Unit MRP* ₹ | 3VJ12 (VJ1 250) | Unit MRP* ₹ | 3VJ13/14 (VJ1 400/630) | Unit MRP* ₹ |
|---|---|---|---|---|---|---|---|---|---|
| Auxiliary Switches (AUX) | Left | 3VJ9018-0AN11 | 3450.- | 3VJ9218-0AN11 | 3560.- | 3VJ9218-0AN11 | 3560.- | 3VJ9417-0AN11 | 3860.- |
| | Right | – | – | 3VJ9218-0AN21 | 3560.- | 3VJ9218-0AN21 | 3560.- | 3VJ9417-0AN21 | 3860.- |
| Alarm Switches (AL) | Left | 3VJ9018-0AA11 | 3450.- | 3VJ9118-0AA11 | 3450.- | 3VJ9218-0AA11 | 3560.- | 3VJ9417-0AA11 | 3860.- |
| | Right | – | – | 3VJ9118-0AA21 | 3450.- | 3VJ9218-0AA21 | 3560.- | 3VJ9417-0AA21 | 3860.- |
| Auxiliary + Alarm Switches (AUX+AL) | Left | 3VJ9018-0AD11 | 5580.- | 3VJ9118-0AD11 | 5580.- | 3VJ9218-0AD11 | 5855.- | 3VJ9417-0AD11 | 6655.- |
| | Right | – | – | 3VJ9118-0AD21 | 5580.- | 3VJ9218-0AD21 | 5855.- | 3VJ9417-0AD21 | 6655.- |
| Shunt Trip (Right) (ST) | 24V DC | – | – | 3VJ9218-0ST11 | 7100.- | 3VJ9218-0ST11 | 7100.- | – | – |
| | 24V AC/DC | – | – | – | – | – | – | 3VJ9417-0ST21 | 7985.- |
| | 48V DC | – | – | 3VJ9218-0ST12 | 7100.- | 3VJ9218-0ST12 | 7100.- | – | – |
| | 48V AC/DC | – | – | – | – | – | – | 3VJ9417-0ST22 | 7985.- |
| | 110V DC | 3VJ9018-0ST15 | 5170.- | 3VJ9218-0ST15 | 7100.- | 3VJ9218-0ST15 | 7100.- | – | – |
| | 110V AC/DC | – | – | – | – | – | – | 3VJ9417-0ST25 | 7985.- |
| | 110V AC | 3VJ9018-0ST35 | 5170.- | 3VJ9218-0ST35 | 7375.- | 3VJ9218-0ST35 | 7375.- | – | – |
| | 220V AC | 3VJ9018-0ST36 | 5605.- | 3VJ9218-0ST36 | 7620.- | 3VJ9218-0ST36 | 7620.- | 3VJ9417-0ST36 | 8785.- |
| | 415V AC | 3VJ9018-0ST37 | 5605.- | 3VJ9218-0ST37 | 7620.- | 3VJ9218-0ST37 | 7620.- | 3VJ9417-0ST37 | 8785.- |
| Undervoltage Release (Left) (UVR) | 24V DC | – | – | 3VJ9218-0UV11 | 10175.- | 3VJ9218-0UV11 | 10175.- | – | – |
| | 48V DC | – | – | 3VJ9218-0UV12 | 10175.- | 3VJ9218-0UV12 | 10175.- | – | – |
| | 220V AC | – | – | 3VJ9218-0UV36 | 10685.- | 3VJ9218-0UV36 | 10685.- | 3VJ9417-0UV36 | 26630.- |
| | 415V AC | – | – | 3VJ9218-0UV37 | 11435.- | 3VJ9218-0UV37 | 11435.- | 3VJ9417-0UV37 | 26630.- |

Internal accessories are available for 2P, 3P & 4P 3VJ MCCBs

## 3VJ1 External accessories

| Frame Size / Accessory | No. of poles | 3VJ10 (VJ1 125X) | Unit MRP* ₹ | 3VJ11 (VJ1 125) | Unit MRP* ₹ | 3VJ12 (VJ1 250) | Unit MRP* ₹ | 3VJ13 (VJ1 400) | Unit MRP* ₹ | 3VJ14 (VJ1 630) | Unit MRP* ₹ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Extended Door Mounted Rotary Operator (including 8UC handle)@ | – | 3VJ9018-0HD11 | 5090.- | 3VJ9118-0HD11 | 5480.- | 3VJ9218-0HD11 | 6410.- | 3VJ9417-0HD11 | 8465.- | 3VJ9417-0HD11 | 8465.- |
| Spreader Links^ | 2P | 3VJ9012-0ED00 | 460.- | 3VJ9112-0ED00 | 505.- | 3VJ9212-0ED00 | 1535.- | – | – | – | – |
| | 3P | 3VJ9013-0ED00 | 780.- | 3VJ9113-0ED00 | 815.- | 3VJ9213-0ED00 | 2480.- | 3VJ9313-0ED00 | 4325.- | 3VJ9413-0ED00 | 5430.- |
| | 4P | 3VJ9014-0ED00 | 1010.- | 3VJ9114-0ED00 | 1050.- | 3VJ9214-0ED00 | 3235.- | 3VJ9314-0ED00 | 6090.- | 3VJ9414-0ED00 | 7670.- |
| Phase Barriers# | | 3VJ9018-0CA00 | 360.- | 3VJ9218-0CA00 | 565.- | 3VJ9218-0CA00 | 565.- | 3VJ9417-0CA00 | 640.- | 3VJ9417-0CA00 | 640.- |
| Front Barriers$ | 2P/3P | 3VJ9016-0CJ30 | 820.- | 3VJ9116-0CJ30 | 980.- | 3VJ9216-0CJ30 | 1405.- | 3VJ9413-0CJ30 | 1830.- | 3VJ9413-0CJ30 | 1830.- |
| | 4P | 3VJ9014-0CJ40 | 1150.- | 3VJ9114-0CJ40 | 1250.- | 3VJ9214-0CJ40 | 1645.- | 3VJ9414-0CJ40 | 2255.- | 3VJ9414-0CJ40 | 2255.- |
| Toogle handle extension | – | – | – | – | – | – | – | 3VJ9417-0DH10 | 1445.- | 3VJ9417-0DH10 | 1445.- |
| Interlocking (for MCCBs with 8UC handles) - Castell interlock kit | – | 8UC60701YQ.. | 12920.- | 8UC60701YQ.. | 12920.- | 8UC60701YQ.. | 12920.- | 8UC60702YQ.. | 13260.- | 8UC60702YQ.. | 13260.- |
| SS Enclosures | 2P/3P | 3VJ9016-0DE11 | 5755.- | 3VJ9116-0DE11 | 5755.- | 3VJ9216-0DE12 | 12605.- | – | – | – | – |
| | 4P | 3VJ9014-0DE11 | 5755.- | 3VJ9114-0DE11 | 5755.- | 3VJ9214-0DE12 | 12605.- | | | | |
| Padlock on MCCB Dolly/ Knob | – | – | – | 3VJ9118-0LM10 | 2305.- | 3VJ9218-0LM10 | 2305.- | 3VJ9317-0LM10 | 5580.- | 3VJ9317-0LM10 | 5580.- |
| Mechanical Interlocking Devices (Front sliding bar type) | 3P | – | – | 3VJ9116-0VM10 | 6295.- | 3VJ9216-0VM10 | 12270.- | 3VJ9313-0VM10 | 23910.- | 3VJ9313-0VM10 | 23910.- |
| | 4P | – | – | 3VJ9114-0VM10 | 6560.- | 3VJ9214-0VM10 | 14480.- | 3VJ9314-0VM10 | 31990.- | 3VJ9314-0VM10 | 31990.- |

Notes:
@ 1 set contains rotary mechanism, coupler, shaft & 8UC handle.
^ Spreader link 1 set = 2 nos. links in case of 2 pole; 3 nos. links in case of 3 pole; 4 nos. links in case of 4 pole.
# Available as a spare; 1 set contains 2 phase barriers
$ 1 set contains 2 front barriers (top & bottom)
Toggle handle extension is included in the standard packing of 3VJ13 & 3VJ14 MCCBs.
2P/3P SS enclosures provide inbuilt neutral link for TPN system
Padlocking devices can be used for locking MCCB in Off position
Mechanical interlocking devices can not be used along with the rotary operators
Std. Pkg. = 1 unit * MRP - Max. Retail Price

THE POWER OF **SIMPLICITY**

# **SINOPLUS** 3VJ2 moulded case circuit breakers

## Microprocessor Based Trip Unit

**Compact**
Effcient design

**Versatile**
For various applications

**Reliable**
Siemens trusted quality

**Operational efficiency**
Reduced downtime

**NEW**

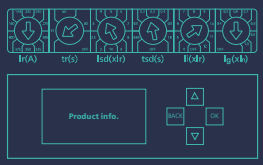


## Product highlights

### Range

| Current rating from | Ics = Icu = |
|---|---|
| 63A to 630A | 36kA & 55kA |

### Microprocessor Based trip units




Color coded knob switches & Display options

3P, 4P
LSI, LSIG

### Enhanced protection

Microprocessor trip units
**L** : Overload protection
**S** : Short time delayed short circuit protection
**I** : Instanstaneous short circuit protection
**G** : Ground fault protection

Enhanced protection

### Approbations

| RoHS | IEC 60947-1 General rules | IEC 60947-2 Circuit breakers |
|---|---|---|

**IEC 60947-5-1**
Control circuit devices and switching elements - Electromechanical control circuit devices

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SIEMENS

# 3VJ Moulded Case Circuit Breaker

NEW

## 3VJ2 MCCB, Microprocessor Trip Unit, knob type LSI, Ics=100%Icu, 415VAC, 50Hz

| Frame Size | Breaking Capacity @415V AC, 50/60Hz | Rated Current In (A) | 3 Pole Type | Unit LP* ₹ |
|---|---|---|---|---|
| 3VJ21 (FS160) | 36kA | 63 | 3VJ2106-6JP32-0AA0 | POR |
| | | 100 | 3VJ2110-6JP32-0AA0 | |
| | | 160 | 3VJ2116-6JP32-0AA0 | |
| 3VJ23 (FS400) | | 400 | 3VJ2340-6JP32-0AA0 | |
| 3VJ24 (FS630) | | 630 | 3VJ2463-6JP32-0AA0 | |
| 3VJ21 (FS160) | 55kA | 63 | 3VJ2106-8JP32-0AA0 | POR |
| | | 100 | 3VJ2110-8JP32-0AA0 | |
| | | 160 | 3VJ2116-8JP32-0AA0 | |
| 3VJ22 (FS250) | | 160 | 3VJ2216-8JP32-0AA0 | |
| | | 200 | 3VJ2220-8JP32-0AA0 | |
| | | 250 | 3VJ2225-8JP32-0AA0 | |
| 3VJ23 (FS400) | | 400 | 3VJ2340-8JP32-0AA0 | |
| 3VJ24 (FS630) | | 630 | 3VJ2463-8JP32-0AA0 | |

## 3VJ2 MCCB, Microprocessor Trip Unit, knob type LSIG, Ics=100%Icu, 415VAC, 50Hz

| Frame Size | Breaking Capacity @415V AC, 50/60Hz | Rated Current In (A) | 3 Pole Type | Unit LP* ₹ | 4 Pole Type | Unit LP* ₹ |
|---|---|---|---|---|---|---|
| 3VJ21 (FS160) | 36kA | 63 | 3VJ2106-6JQ32-0AA0 | POR | 3VJ2106-6JQ42-0AA0 | POR |
| | | 100 | 3VJ2110-6JQ32-0AA0 | | 3VJ2110-6JQ42-0AA0 | |
| | | 160 | 3VJ2116-6JQ32-0AA0 | | 3VJ2116-6JQ42-0AA0 | |
| 3VJ23 (FS400) | | 400 | 3VJ2340-6JQ32-0AA0 | | 3VJ2340-6JQ42-0AA0 | |
| 3VJ24 (FS630) | | 630 | 3VJ2463-6JQ32-0AA0 | | 3VJ2463-6JQ42-0AA0 | |
| 3VJ21 (FS160) | 55kA | 63 | 3VJ2106-8JQ32-0AA0 | POR | 3VJ2106-8JQ42-0AA0 | POR |
| | | 100 | 3VJ2110-8JQ32-0AA0 | | 3VJ2110-8JQ42-0AA0 | |
| | | 160 | 3VJ2116-8JQ32-0AA0 | | 3VJ2116-8JQ42-0AA0 | |
| 3VJ22 (FS250) | | 160 | 3VJ2216-8JQ32-0AA0 | | 3VJ2216-8JQ42-0AA0 | |
| | | 200 | 3VJ2220-8JQ32-0AA0 | | 3VJ2220-8JQ420-AA0 | |
| | | 250 | 3VJ2225-8JQ32-0AA0 | | 3VJ2225-8JQ42-0AA0 | |
| 3VJ23 (FS400) | | 400 | 3VJ2340-8JQ32-0AA0 | | 3VJ2340-8JQ42-0AA0 | |
| 3VJ24 (FS630) | | 630 | 3VJ2463-8JQ32-0AA0 | | 3VJ2463-8JQ42-0AA0 | |

## 3VJ2 MCCB, Microprocessor Trip Unit, Display type LSI, Ics=100%Icu, 415VAC, 50Hz

| Frame Size | Breaking Capacity @415V AC, 50/60Hz | Rated Current In (A) | 3 Pole Type | Unit LP* ₹ |
|---|---|---|---|---|
| 3VJ21 (FS160) | 36kA | 63 | 3VJ2106-6KP32-0AA0 | POR |
| | | 100 | 3VJ2110-6KP32-0AA0 | |
| | | 160 | 3VJ2116-6KP32-0AA0 | |
| 3VJ23 (FS400) | | 400 | 3VJ2340-6KP32-0AA0 | |
| 3VJ24 (FS630) | | 630 | 3VJ2463-6KP32-0AA0 | |
| 3VJ21 (FS160) | 55kA | 63 | 3VJ2106-8KP32-0AA0 | POR |
| | | 100 | 3VJ2110-8KP32-0AA0 | |
| | | 160 | 3VJ2116-8KP32-0AA0 | |
| 3VJ22 (FS250) | | 160 | 3VJ2216-8KP32-0AA0 | |
| | | 200 | 3VJ2220-8KP32-0AA0 | |
| | | 250 | 3VJ2225-8KP32-0AA0 | |
| 3VJ23 (FS400) | | 400 | 3VJ2340-8KP32-0AA0 | |
| 3VJ24 (FS630) | | 630 | 3VJ2463-8KP32-0AA0 | |

POR: Price On Request

Std. Pkg. = 1 unit

* LP = List Price

## 3VJ2 MCCB, Microprocessor Trip Unit, Display type LSIG, Ics=100%Icu, 415VAC, 50Hz

| Frame Size | Breaking Capacity @415V AC, 50/60Hz | Rated Current In (A) | 3 Pole Type | Unit LP* ₹ | 4 Pole Type | Unit LP* ₹ |
|---|---|---|---|---|---|---|
| 3VJ21 (FS160) | 36kA | 63 | 3VJ2106-6KQ32-0AA0 | POR | 3VJ2106-6KQ42-0AA0 | POR |
| | | 100 | 3VJ2110-6KQ32-0AA0 | | 3VJ2110-6KQ42-0AA0 | |
| | | 160 | 3VJ2116-6KQ32-0AA0 | | 3VJ2116-6KQ42-0AA0 | |
| 3VJ23 (FS400) | | 400 | 3VJ2340-6KQ32-0AA0 | | 3VJ2340-6KQ42-0AA0 | |
| 3VJ24 (FS630) | | 630 | 3VJ2463-6KQ32-0AA0 | | 3VJ2463-6KQ42-0AA0 | |
| 3VJ21 (FS160) | 55kA | 63 | 3VJ2106-8KQ32-0AA0 | POR | 3VJ2106-8KQ42-0AA0 | POR |
| | | 100 | 3VJ2110-8KQ32-0AA0 | | 3VJ2110-8KQ42-0AA0 | |
| | | 160 | 3VJ2116-8KQ32-0AA0 | | 3VJ2116-8KQ42-0AA0 | |
| 3VJ22 (FS250) | | 160 | 3VJ2216-8KQ32-0AA0 | | 3VJ2216-8KQ42-0AA0 | |
| | | 200 | 3VJ2220-8KQ32-0AA0 | | 3VJ2220-8KQ42-0AA0 | |
| | | 250 | 3VJ2225-8KQ32-0AA0 | | 3VJ2225-8KQ42-0AA0 | |
| 3VJ23 (FS400) | | 400 | 3VJ2340-8KQ32-0AA0 | | 3VJ2340-8KQ42-0AA0 | |
| 3VJ24 (FS630) | | 630 | 3VJ2463-8KQ32-0AA0 | | 3VJ2463-8KQ42-0AA0 | |

## 3VJ2 MCCB Internal Accessories

| Frame Size / Accessory | Coil Voltage | Accessory Compartment | 3VJ21 (FS160) | Unit LP* ₹ | 3VJ22 (FS250) | Unit LP* ₹ | 3VJ23 / 3VJ24 (FS400 / FS630) | Unit LP* ₹ |
|---|---|---|---|---|---|---|---|---|
| Aux Switch (AUX) | – | Left | 3VJ9128-0AN11 | POR | 3VJ9228-0AN11 | POR | 3VJ9427-0AN11 | POR |
| | – | Right | 3VJ9128-0AN21 | | 3VJ9228-0AN21 | | 3VJ9427-0AN21 | |
| Alarm Switch (AL) | – | Left | 3VJ9128-0AA11 | | 3VJ9228-0AA11 | | 3VJ9427-0AA11 | |
| | – | Right | 3VJ9128-0AA21 | | 3VJ9228-0AA21 | | 3VJ9427-0AA21 | |
| Aux + Alarm Switch (AUX + AL) | – | Left | 3VJ9128-0AD11 | | 3VJ9228-0AD11 | | 3VJ9427-0AD11 | |
| | – | Right | 3VJ9128-0AD21 | | 3VJ9228-0AD21 | | 3VJ9427-0AD21 | |
| Shunt Release (ST) | 24VDC | Left | 3VJ9128-0ST11 | | 3VJ9228-0ST11 | | 3VJ9428-0ST11 | |
| | | Right | 3VJ9128-0ST21 | | 3VJ9228-0ST21 | | 3VJ9428-0ST21 | |
| | 230VAC | Left | 3VJ9128-0ST36 | | 3VJ9228-0ST36 | | 3VJ9428-0ST36 | |
| | | Right | 3VJ9128-0ST46 | | 3VJ9228-0ST46 | | 3VJ9428-0ST46 | |
| | 415VAC | Left | 3VJ9128-0ST37 | | 3VJ9228-0ST37 | | 3VJ9428-0ST37 | |
| | | Right | 3VJ9128-0ST47 | | 3VJ9228-0ST47 | | 3VJ9428-0ST47 | |
| UV Release (UVR) | 220VDC | Left | – | | – | | 3VJ9428-0UV16 | |
| | | Right | 3VJ9128-0UV26 | | 3VJ9228-0UV26 | | – | |
| | 230VAC | Left | – | | – | | 3VJ9428-0UV36 | |
| | | Right | 3VJ9128-0UV46 | | 3VJ9228-0UV46 | | – | |
| | 415VAC | Left | – | | – | | 3VJ9428-0UV37 | |
| | | Right | 3VJ9128-0UV47 | | 3VJ9228-0UV47 | | – | |

## 3VJ2 MCCB External Accessories

| Frame Size / Accessory | No. of poles | 3VJ21 (FS160) | Unit LP* ₹ | 3VJ22 (FS250) | Unit LP* ₹ | 3VJ23 (FS400) | Unit LP* ₹ | 3VJ24 (FS630) | Unit LP* ₹ |
|---|---|---|---|---|---|---|---|---|---|
| Extended Door Mounted Rotary Operator | – | 3VJ9128-0HD11 | POR | 3VJ9228-0HD11 | POR | 3VJ9427-0HD11 | POR | 3VJ9427-0HD11 | POR |
| Spreader Links^ | 3P | 3VJ9123-0ED00 | | 3VJ9223-0ED00 | | 3VJ9323-0ED00 | | 3VJ9423-0ED00 | |
| | 4P | 3VJ9124-0ED00 | | 3VJ9224-0ED00 | | 3VJ9324-0ED00 | | 3VJ9424-0ED00 | |
| Phase Barriers# | 3P | 3VJ9123-0CA00 | | 3VJ9223-0CA00 | | 3VJ9423-0CA00 | | 3VJ9423-0CA00 | |
| | 4P | 3VJ9124-0CA10 | | 3VJ9224-0CA10 | | 3VJ9424-0CA00 | | 3VJ9424-0CA00 | |
| Terminal Covers$ | 3P | 3VJ9126-0CJ30 | | 3VJ9226-0CJ30 | | 3VJ9423-0CJ30 | | 3VJ9423-0CJ30 | |
| | 4P | 3VJ9126-0CJ40 | | 3VJ9226-0CJ40 | | 3VJ9423-0CJ40 | | 3VJ9423-0CJ40 | |
| Toggle Handle Extension | – | – | | – | | 3VJ9427-0DH10 | | 3VJ9427-0DH10 | |

Notes:

^ Spreader Link 1 set = 3 nos of links in case of 3 pole; 4 nos of links in case of 4 pole

# Phase Barriers 1 set = 4 phase barriers in case of 3pole; 6 phase barriers in case of 4 pole

$ 1 no contains 1 Terminal cover (can be placed either on top or on bottom side)

POR: Price On Request Std. Pkg. = 1 unit * LP = List Price




**SENTRON**

# Transfer control devices

## 3KC ATC6300 & 6500

- Suitable for Utility to DG, Utility to Utility and DG to DG changeover in combination with motorized breakers
- Automatic Load management and control of tie breaker (with ATC 6500 only)
- Communication capable via expansion modules on Modbus TCP or MODBUS RTU
- Confirms to IEC 60947-6-1
- Plug-in DI/DO expansion modules for additional functionality
- Easy parameterization through Powerconfig
- Ingress protection up to IP65

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SIEMENS

# SENTRON Auto transfer controllers

**In accordance with IEC 60947-6-1, IEC standard for transfer switching equipments**





| | 3KC ATC 6300 | 3KC ATC 6500 |
|---|---|---|
| Display | Yes, LCD | Yes, LCD |
| Network | Single Phase / 2 Phase or 3 Phase systems (Including 3 Phase – 4 Wire systems) | Single Phase / 2 Phase or 3 Phase systems (Including 3 Phase – 4 Wire systems) |
| Maximum rated voltage $U_e$ | 100-480V AC L-L | 100-600V AC L-L |
| Application type | Utility – Utility<br>Utility - DG<br>DG - DG | Utility – Utility<br>Utility - DG<br>DG - DG |
| Number of controllable breakers | 2 | 3 |
| Automatic load management (load shedding) | No | Yes |
| Parameterization | LCD Display \| USB Front interface[1)] \| Communication Modules[2)] | LCD Display \| USB Front interface[1)] \| Communication Modules[2)] |
| Expansion Modules | Yes, DI/DOs \| Communication Modules | Yes, DI/DOs \| Communication Modules |
| Communication Option | Yes, MODBUS RTU/ MODBUS TCP via expansion modules | Yes, Integrated RS485 Port<br>(MODBUS RTU)<br>MODBUS TCP via expansion module |

[1) 2)] Available as accessory. Parameterization to be done via Powerconfig

| Description | Type No | Unit LP* ₹ | Std. pkg. (nos.) |
|---|---|---|---|
| **Automatic Transfer Controllers** | | | |
| 3KC ATC 6300 | **3KC9000-8TL40** | **295020.-** | **1** |
| 3KC ATC 6500 | **3KC9000-8TL50** | **POR** | **1** |
| **Accessories \| Expandable DI /DO Modules (For both ATC 6300 & 6500)** | | | |
| ATC6 expansion module 4DI | **3KC9000-8TL60** | **POR** | **1** |
| ATC6 expansion module 4DO, SSR | **3KC9000-8TL61** | **POR** | **1** |
| ATC6 expansion module 2DI/2DO, SSR | **3KC9000-8TL62** | **POR** | **1** |
| ATC6 expansion module 2DO, relay | **3KC9000-8TL63** | **POR** | **1** |
| ATC6 expansion module 2DI/2DO, relay | **3KC9000-8TL64** | **POR** | **1** |
| **Expansion modules with communication interfaces (For both ATC 6300 & 6500)** | | | |
| ATC6 RS 485 expansion module | **3KC9000-8TL74** | **POR** | **1** |
| ATC6 Ethernet expansion module | **3KC9000-8TL75** | **POR** | **1** |
| **USB Front interface (For both ATC 6300 & 6500)** | | | |
| ATC6 USB front interface | **3KC9000-8TL73** | **POR** | **1** |
| **IP 65 Protective Gasket** | | | |
| For ATC 6300 144 x 144 mm | **3KC9000-8TL67** | **POR** | **1** |
| For ATC 6500 171 x 131 mm | **3KC9000-8TL68** | **POR** | **1** |

POR: Price On Request

* LP - List Price



**Complete Auto changeover solution with SIEMENS circuit breakers**

**Designed and tested with**

3WA



3WT*Plus*

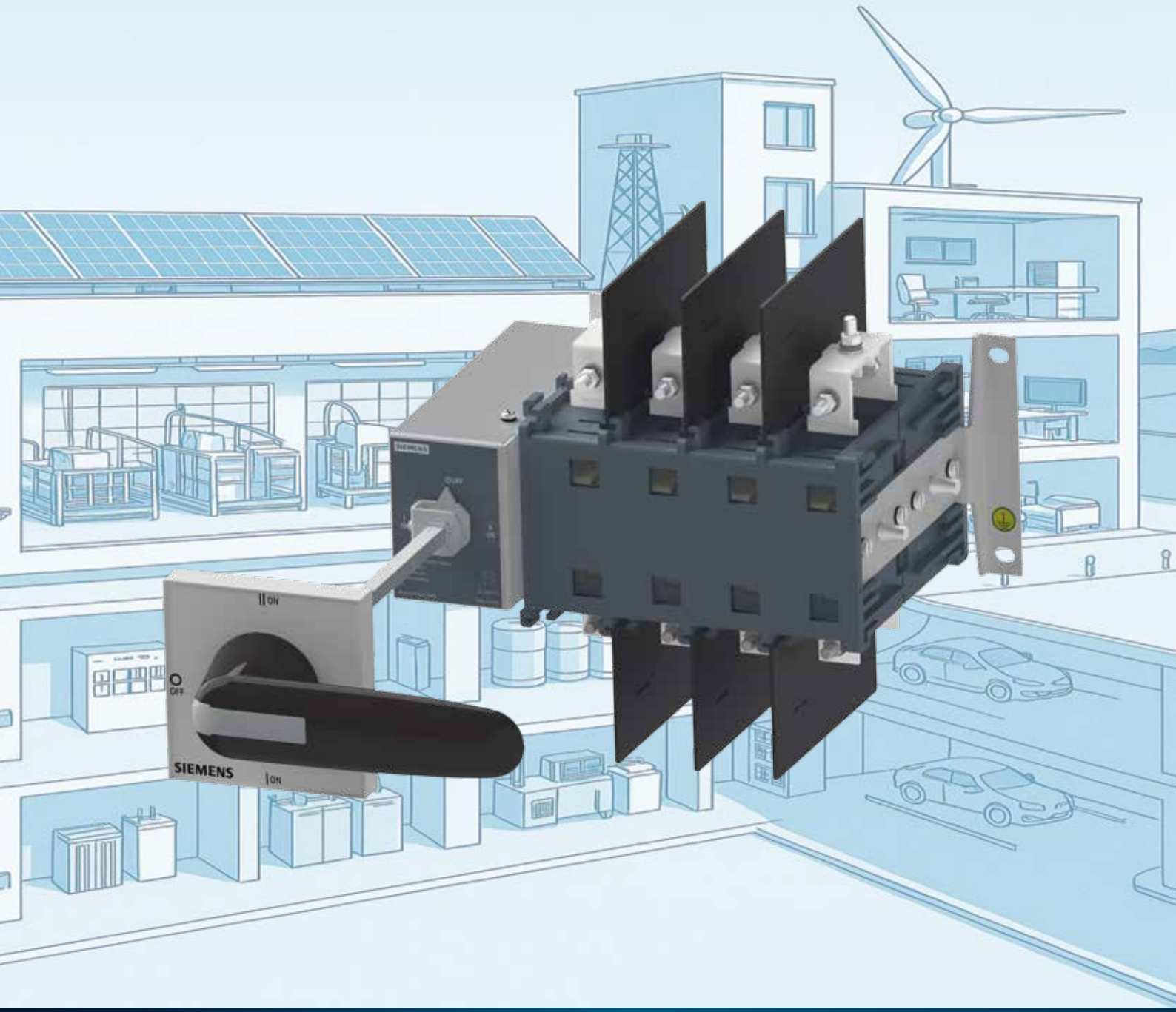


3VA



3KC






THE POWER OF **SIMPLICITY**

# **SINOPLUS** 3KJ On Load Changeover Switches

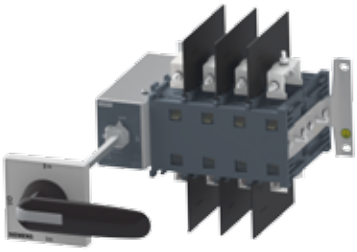
- Compliant with IS/IEC60947-3
- 4-pole modular switches up to 3150A in open and enclosed versions
- Stable I-O-II positions with safe switching
- Suitable for Positive isolation
- Built-in bridging bars and phase barriers
- Wide portfolio of accessories and spares

**www.siemens.co.in**

SIEMENS

# Manual On Load Changeover Switch 3KJ

- 63A to 3150A in 4-pole configuration
- Open and Enclosed execution
- Comply to IS/IEC 60947-3
- Suitable for Positive isolation
- Available in AC-21 / AC-22 / AC-23 @415V 50/60Hz
- Wide portfolio of accessories and spares
- Built-in bridging bars and phase barriers
- Suitable terminals and metallic handles 1000A onwards
- Stable I-O-II positions with safe switching
- Modular range for rating 125A to 3150A





## Manual On Load Changeover Switch 3KJ 4-pole, for power distribution

| Series | Size | Rated current Ie @415V 50/60Hz | MCOS in Open execution | Unit MRP* ₹ | MCOS in Enclosed execution | Unit MRP* ₹ | Std.pkg. (nos.) |
|---|---|---|---|---|---|---|---|
| 3KJ1# | 1 | 63 | 3KJ1126-4AA20-0AA0 | 11740.- | 3KJ1126-4AA20-1AA0 | 23215.- | 1 |
| | | 100 | 3KJ1130-4AA20-0AA0 | 15610.- | 3KJ1130-4AA20-1AA0 | 27275.- | 1 |
| 3KJ0 | 1 | 125 | 3KJ0132-4AA20-0AA0 | 23370.- | 3KJ0132-4AA20-1AA0 | 31775.- | 1 |
| | | 160 | 3KJ0134-4AA20-0AA0 | 25680.- | 3KJ0134-4AA20-1AA0 | 36385.- | 1 |
| | 2 | 200 | 3KJ0236-4AA20-0AA0 | 32700.- | 3KJ0236-4AA20-1AA0 | 42085.- | 1 |
| | | 250 | 3KJ0238-4AA20-0AA0 | 40030.- | 3KJ0238-4AA20-1AA0 | 52295.- | 1 |
| | | 315 | 3KJ0240-4AA20-0AA0 | 52445.- | 3KJ0240-4AA20-1AA0 | 63925.- | 1 |
| | | 400 | 3KJ0242-4AA20-0AA0 | 76130.- | 3KJ0242-4AA20-1AA0 | 95035.- | 1 |
| | 3 | 630 | 3KJ0346-4AA20-0AA0 | 90535.- | 3KJ0346-4AA20-1AA0 | 109415.- | 1 |
| | | 800 | 3KJ0348-4AA20-0AA0 | 131320.- | 3KJ0348-4AA20-1AA0 | 157360.- | 1 |
| | 4 | 1000 | 3KJ0450-4AA30-0AA0 | 247330.- | 3KJ0450-4AA30-1AA0 | 271980.- | 1 |
| | | 1250 | 3KJ0452-4AA30-0AA0 | 304810.- | 3KJ0452-4AA30-1AA0 | 351265.- | 1 |
| | | 1600 | 3KJ0454-4AA30-0AA0 | 388580.- | 3KJ0454-4AA30-1AA0 | 473735.- | 1 |
| | 5 | 2000 | 3KJ0556-4AA30-0AA0 | 598170.- | 3KJ0556-4AA30-1AA0 | 652970.- | 1 |
| | | 2500 | 3KJ0558-4AA30-0AA0 | 766915.- | 3KJ0558-4AA30-1AA0 | 835510.- | 1 |
| | | 3150 | 3KJ0560-4AA30-0AA0 | 986110.- | 3KJ0560-4AA30-1AA0 | 1132495.- | 1 |

Notes:
3KJ On Load Changeover Switch is switch disconnector type
3KJ: Unit MRPs are inclusive of Front drive (Handle), shaft, phase barriers and bridging bars
# Non-Modular construction
POR: Price On Request
Refer the operating instruction sheet for complete dimensional details

Std. Pkg. = 1 unit  * MRP - Max. Retail Price

Metro  Solar  Power Utilities

Port  Crane  Offshore

Metal  Oil  Mining

# Manual On Load Changeover Switch 3KJ


Auxiliary switch


Gland box

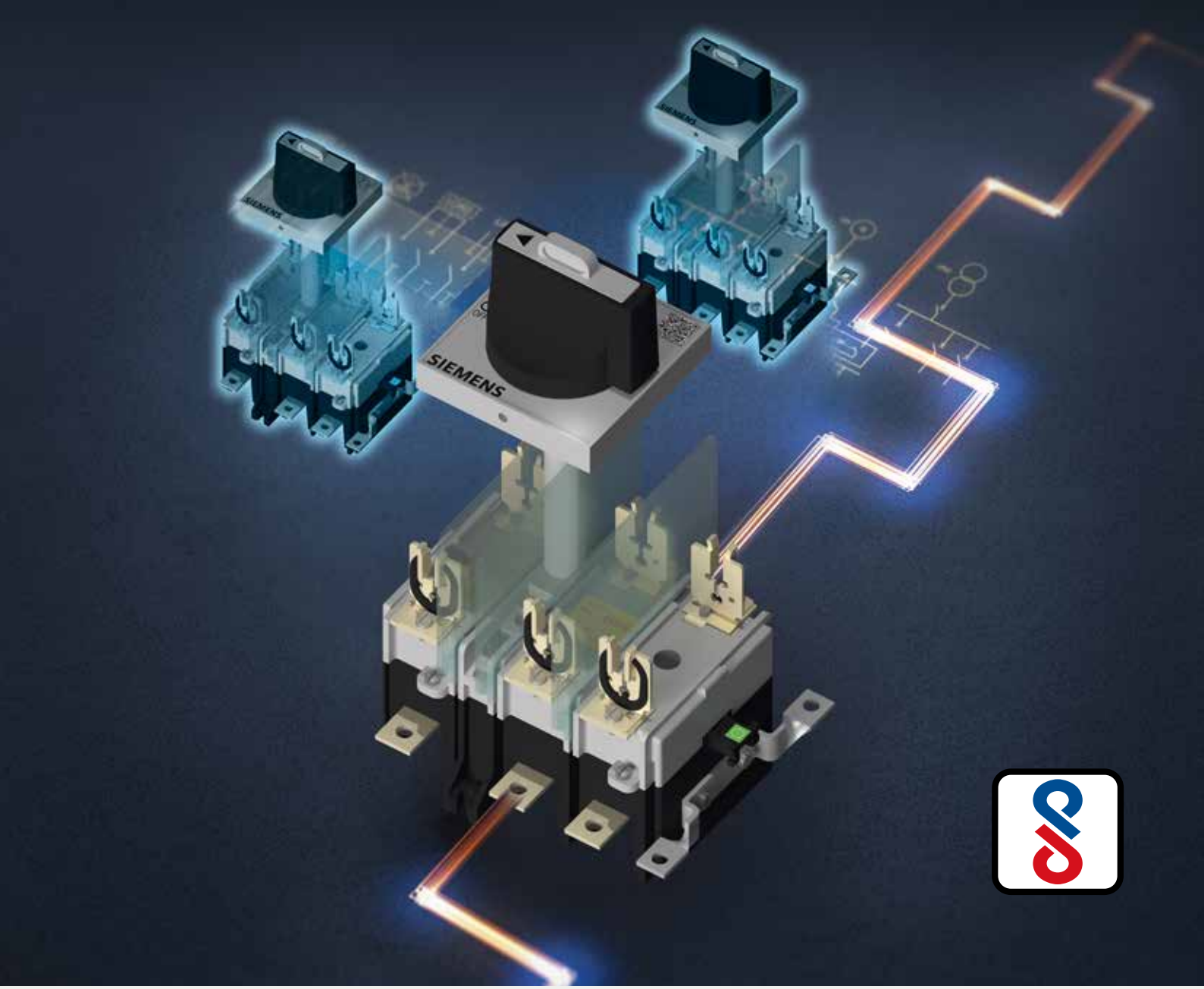
## Accessories and spares

| Accessory | Description | 3KJ11 | Unit MRP* ₹ | 3KJ01 | Unit MRP* ₹ | 3KJ02 | Unit MRP* ₹ | Std.pkg. (nos.) |
|---|---|---|---|---|---|---|---|---|
| Auxiliary switch [1] | 1CO | 3KJ9101-1AB00 | 1175.- | | | | | 1 |
| | 2CO | 3KJ9101-1AD00 | 2345.- | | | | | 1 |
| | 1NO+1NC | | | 3KJ9001-1AB00 | 3050.- | 3KJ9001-5AB00 | 6160.- | 1 |
| | 2NO+2NC | | | 3KJ9001-1AD00 | 10615.- | 3KJ9001-5AD00 | 23035.- | 1 |
| Gland box [2] | With one gland plate | | | 3KJ9013-1MA00 | 6330.- | 3KJ9013-2MB00 | 14315.- | 1 |
| Spare Phase barrier | | 3KJ9103-1CA00 | 80.- | 3KJ9003-1CA00 | 110.- | 3KJ9003-3CA00 | 175.- | 1 |
| Spare Front drive (Handle) | Plastic | 3KJ9106-1FT00 | 1110.- | 3KJ9006-2FT00 | 1110.- | 3KJ9006-2FT00 | 1110.- | 1 |
| Spare Shaft | | 3KJ9107-1GA00 | 370.- | 3KJ9007-2GA00 | 370.- | 3KJ9007-2GA00 | 370.- | 1 |
| Spare pole [3] | | | | 125A 3KJ9008-1HC00 | POR | 200A 3KJ9008-2HE00 | POR | 1 |
| | | | | 160A 3KJ9008-1HD00 | | 250A 3KJ9008-2HF00 | | 1 |
| | | | | | | 315A 3KJ9008-2HG00 | | 1 |
| | | | | | | 400A 3KJ9008-2HH00 | | 1 |
| Spare Bridging bar | Load side connection | 63A,100A 3KJ9102-1BA00 | POR | 125A,160A 3KJ9002-1BB00 | POR | 200A 3KJ9002-2BC00 | POR | 1 |
| | | | | | | 250A,315A 3KJ9002-2BD00 | | 1 |
| | | | | | | 400A 3KJ9002-2BE00 | | 1 |

| Accessory | Description | 3KJ03 | Unit MRP* ₹ | 3KJ04 | Unit MRP* ₹ | 3KJ05 | Unit MRP* ₹ | Std.pkg. (nos.) |
|---|---|---|---|---|---|---|---|---|
| Auxiliary Switch [1] | 1NO+1NC | 3KJ9001-5AB00 | 6160.- | 3KJ9001-5AB00 | 6160.- | 3KJ9001-5AB00 | 6160.- | 1 |
| | 2NO+2NC | 3KJ9001-5AD00 | 23035.- | 3KJ9001-5AD00 | 23035.- | 3KJ9001-5AD00 | 23035.- | 1 |
| Gland box [2] | With one gland plate | 3KJ9013-3MC00 | 22030.- | | | | | 1 |
| Spare Phase barrier | | 3KJ9003-3CA00 | 175.- | 3KJ9003-4CA00 | 620.- | | | 1 |
| | Lower side | | | | | 3KJ9003-5CA10 | 620.- | 1 |
| | Front side | | | | | 3KJ9003-5CA20 | 680.- | 1 |
| Spare Front drive (Handle) | Plastic | 3KJ9006-3FT00 | 1260.- | | | | | 1 |
| | Metallic | | | 3KJ9006-4FM00 | 3660.- | 3KJ9006-5FM00 | 3925.- | 1 |
| Spare Shaft | | 3KJ9007-4GA00 | 800.- | 3KJ9007-4GA00 | 800.- | 3KJ9007-5GA00 | 800.- | 1 |
| Spare pole [3] | | 630A 3KJ9008-3HJ00 | POR | 1000A 3KJ9008-4HL00 | POR | 2000A 3KJ9008-4HL00 | POR | 1 |
| | | 800A 3KJ9008-3HK00 | | 1250A 3KJ9008-4HM00 | | 2500A 3KJ9008-4HM00 | | 1 |
| | | | | 1600A 3KJ9008-4HN00 | | 3150A 3KJ9008-4HN00 | | 1 |
| Spare Extended link | | | | 1000A 3KJ9012-4LA00 | POR | | | 1 |
| | | | | 1250A 3KJ9012-4LB00 | | | | 1 |
| | | | | 1600A 3KJ9012-4LC00 | | | | 1 |
| Spare Bridging bar | Load side connection | 630A 3KJ9002-3BF00 | POR | 1000A 3KJ9002-4BH00 | POR | | | 1 |
| | | 800A 3KJ9002-3BG00 | | 1250A 3KJ9002-4BJ00 | | 2000A 3KJ9002-5BL20 3KJ9002-5BL30 | POR | 1 |
| | | | | 1600A 3KJ9002-4BK10 3KJ9002-4BK20 | | 2500A 3KJ9002-5BM20 3KJ9002-5BM30 | | 1 |
| | | | | | | 3150A 3KJ9002-5BN30 3KJ9002-5BN40 3KJ9002-5BN50 | | 1 |
| | Line side connection | | | | | 2000A 3KJ9002-5BL10 | | 1 |
| | | | | | | 2500A 3KJ9002-5BM10 | | 1 |
| | | | | | | 3150A 3KJ9002-5BN10 3KJ9002-5BN20 | | 1 |

Notes:
1) Accessory - Auxiliary switch includes 2units. One each for position I and II
2) Accessory - Gland box is to be used with enclosed switches
3) Spare pole: For ratings 2000A, 2500A and 3150A. Use 2units of 1000A, 1250A and 1600A
POR: Price On Request

Std. Pkg. = 1 unit * MRP - Max. Retail Price




**SUPERSWITCH**

# Switch Disconnector Fuse - **3KL8**

## Safe. Reliable. Efficient.

- Compliant with IS/ IEC 60947-3
- 2-pole to 4-pole versions up to 800A at 690V AC
- COMPACT 2-pole and TRUE 4-pole versions
- DIN/ BS/ Cylindrical fuse type versions
- With Enclosure option
- AC-23A for the complete range
- Type 2 co-ordination chart for DOL and Star Delta feeders
- QCO Certification: Size 3, 3KL8 SDF is now QCO certified

SIEMENS

# Superswitch 3KL8

- Wide range : Up to 800A in SDF and 1600A in SD
- Available in 2P,3P,3PN & 4P variants
- Suitable for isolation as per IS/IEC 60947-3
- Unique positive off indication
- Suitable for AC23A Duty @ 690V AC, 50Hz
- Roller contacts with high operating life
- IP65 handle with door interlock
- Wide range of accessories
- Suitable for power distribution as well as motor protection



4P



3PN



3P



2P

## Switch disconnector fuse: 3KL8 4-pole, for power distribution (in Open Execution)

| Rated current $I_e$ @690V< 50Hz | SDF suitable for DIN type HRC fuses | Unit MRP* ₹ | SDF suitable for BS type HRC fuses | Unit MRP* ₹ | SDF suitable for Cylindrical type HRC fuses | Unit MRP* ₹ | Std. pkg. (nos.) |
|---|---|---|---|---|---|---|---|
| 20A | 3KL8111-4TA00 | 8425.- | 3KL8111-4TJ00 | 8560.- | 3KL8111-4TC00 | 8750.- | 1 |
| 32A | 3KL8121-4TA00 | 8720.- | 3KL8121-4TJ00 | 9390.- | 3KL8121-4TC00 | 9445.- | 1 |
| 63A | 3KL8151-4TA00 | 11730.- | 3KL8151-4TJ00 | 11900.- | 3KL8151-4TC00 | 12385.- | 1 |
| 100A | 3KL8171-4TA00 | 17610.- | – | – | – | – | 1 |
| 100A | 3KL8211-4TA00 | 25300.- | 3KL8211-4TJ00 | 27590.- | – | – | 1 |
| 125A | 3KL8221-4TA00 | 30995.- | 3KL8221-4TJ00 | 32845.- | – | – | 1 |
| 160A | 3KL8231-4TA00 | 34415.- | 3KL8231-4TJ00 | 39905.- | – | – | 1 |
| 200A | 3KL8311-4UA00 | 49380.- | 3KL8311-4UJ00 | 51840.- | – | – | 1 |
| 250A | 3KL8321-4UA00 | 57535.- | 3KL8321-4UJ00 | 61440.- | – | – | 1 |
| 315A | 3KL8331-4UA00 | 69245.- | 3KL8331-4UJ00 | 75810.- | – | – | 1 |
| 400A | 3KL8341-4UA00 | 76195.- | 3KL8341-4UJ00 | 87575.- | – | – | 1 |
| 500A | 3KL8411-4UA00 | 123745.- | 3KL8411-4UJ00 | 141150.- | – | – | 1 |
| 630A | 3KL8421-4UA00 | 128300.- | 3KL8421-4UJ00 | 146255.- | – | – | 1 |
| 800A$ | 3KL8431-4UA00 | 151640.- | 3KL8431-4UJ00 | 158480.- | – | – | 1 |

## Switch disconnector fuse:3KL8 3PN for power distribution and motor protection (Open Execution)

| Rated current $I_e$ @690V< 50Hz | SDF suitable for DIN type HRC fuses | Unit MRP* ₹ | SDF suitable for BS type HRC fuses | Unit MRP* ₹ | SDF suitable for Cylindrical type HRC fuses | Unit MRP* ₹ | Std. pkg. (nos.) |
|---|---|---|---|---|---|---|---|
| 20A | 3KL8111-5TA00 | 7480.- | 3KL8111-5TJ00 | 7500.- | 3KL8111-5TC00 | 7540.- | 1 |
| 32A | 3KL8121-5TA00 | 7595.- | 3KL8121-5TJ00 | 7645.- | 3KL8121-5TC00 | 7710.- | 1 |
| 63A | 3KL8151-5TA00 | 10200.- | 3KL8151-5TJ00 | 10410.- | 3KL8151-5TC00 | 10505.- | 1 |
| 100A | 3KL8171-5TA00 | 14610.- | – | – | – | – | 1 |
| 100A | 3KL8211-5TA00 | 20345.- | 3KL8211-5TJ00 | 20525.- | – | – | 1 |
| 125A | 3KL8221-5TA00 | 26190.- | 3KL8221-5TJ00 | 26300.- | – | – | 1 |
| 160A | 3KL8231-5TA00 | 28025.- | 3KL8231-5TJ00 | 28145.- | – | – | 1 |
| 200A | 3KL8311-5UA00 | 38460.- | 3KL8311-5UJ00 | 39620.- | – | – | 1 |
| 250A | 3KL8321-5UA00 | 43690.- | 3KL8321-5UJ00 | 44875.- | – | – | 1 |
| 315A | 3KL8331-5UA00 | 52020.- | 3KL8331-5UJ00 | 52895.- | – | – | 1 |
| 400A | 3KL8341-5UA00 | 62690.- | 3KL8341-5UJ00 | 63620.- | – | – | 1 |
| 500A | 3KL8411-5UA00 | 100830.- | 3KL8411-5UJ00 | 103145.- | – | – | 1 |
| 630A | 3KL8421-5UA00 | 106195.- | 3KL8421-5UJ00 | 111715.- | – | – | 1 |
| 800A$ | 3KL8431-5UA00 | 113240.- | 3KL8431-5UJ00 | 121045.- | – | – | 1 |

## Switch disconnector fuse: 3KL8 3-pole, for motor protection (in Open Execution)

| Rated current $I_e$ @ 690V< 50Hz | SDF suitable for DIN type HRC Fuses | Unit MRP* ₹ | Std. pkg. (nos.) |
|---|---|---|---|
| 20A | 3KL8111-1TA00 | 7260.- | 1 |
| 32A | 3KL8121-1TA00 | 7400.- | 1 |
| 63A | 3KL8151-1TA00 | 10045.- | 1 |
| 100A | 3KL8211-1TA00 | 19980.- | 1 |
| 125A | 3KL8221-1TA00 | 25410.- | 1 |
| 160A | 3KL8231-1TA00 | 27460.- | 1 |
| 200A | 3KL8311-1UA00 | 37265.- | 1 |
| 250A | 3KL8321-1UA00 | 43445.- | 1 |
| 315A | 3KL8331-1UA00 | 51235.- | 1 |
| 400A | 3KL8341-1UA00 | 61690.- | 1 |
| 500A | 3KL8411-1UA00 | 99290.- | 1 |
| 630A | 3KL8421-1UA00 | 105530.- | 1 |
| 800A$ | 3KL8431-1UA00 | 112540.- | 1 |

Std. Pkg. = 1 unit  * MRP - Maximum Retail Price

$ 3KL8431 (800A): 710A with fuse cover

< 415V AC for size 3, 3KL83 SDF

Notes:

2P = 2-pole; 3P = 3-pole; 3PN = 3-pole with neutral link; 4P = 4-pole

3KL8: Unit MRPs are without fuses

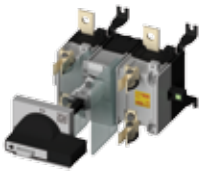
3KL8: Unit MRPs are inclusive of Front drive (Handle) and phase barriers

Please scan the QR code for brochure and Operation manual (OM)

Refer the OM for changes in dimension

# Superswitch 3KL8

## Switch disconnector fuse: 3KL8 2-pole (Open Execution)



| Rated current $I_e$ @690V< 50Hz | SDF suitable for DIN type HRC fuses | Unit MRP* ₹ | SDF suitable for BS type HRC fuses | Unit MRP* ₹ | SDF suitable for Cylindrical type HRC fuses | Unit MRP* ₹ | Std. pkg. (nos.) |
|---|---|---|---|---|---|---|---|
| 20A@ | 3KL8111-2TA00 | 6760.- | – | – | 3KL8111-2TC00 | 6900.- | 1 |
| 32A@ | 3KL8121-2TA00 | 6900.- | – | – | 3KL8121-2TC00 | 7195.- | 1 |
| 63A@ | 3KL8151-2TA00 | 8975.- | – | – | 3KL8151-2TC00 | 9055.- | 1 |
| 100A@ | 3KL8171-2TA00 | 13885.- | – | – | – | – | 1 |
| 100A | 3KL8211-2TA00 | 19110.- | 3KL8211-2TJ00 | 19550.- | – | – | 1 |
| 125A | 3KL8221-2TA00 | 22145.- | 3KL8221-2TJ00 | 24120.- | – | – | 1 |
| 160A | 3KL8231-2TA00 | 23030.- | 3KL8231-2TJ00 | 25985.- | – | – | 1 |
| 200A | 3KL8311-2UA00 | 33470.- | 3KL8311-2UJ00 | 36580.- | – | – | 1 |
| 250A | 3KL8321-2UA00 | 36450.- | 3KL8321-2UJ00 | 40390.- | – | – | 1 |
| 315A | 3KL8331-2UA00 | 44360.- | 3KL8331-2UJ00 | 47050.- | – | – | 1 |
| 400A | 3KL8341-2UA00 | 52835.- | 3KL8341-2UJ00 | 55550.- | – | – | 1 |
| 500A | 3KL8411-2UA00 | 83435.- | 3KL8411-2UJ00 | 97150.- | – | – | 1 |
| 630A | 3KL8421-2UA00 | 85345.- | 3KL8421-2UJ00 | 98570.- | – | – | 1 |
| 800A$ | 3KL8431-2UA00 | 111010.- | 3KL8431-2UJ00 | 111385.- | – | – | 1 |

## Switch disconnector fuse in SS^ Enclosure (factory fitted)>



| Rated current $I_e$ @690V< 50Hz | Suitable fuse type | 3PN | Unit MRP* ₹ | 4P | Unit MRP* ₹ | Std. pkg. (nos.) |
|---|---|---|---|---|---|---|
| 20A | DIN | 3KL8111-5TA10 | 15640.- | 3KL8111-4TA10 | 18030.- | 1 |
| | BS | 3KL8111-5TJ10 | 15780.- | 3KL8111-4TJ10 | 18065.- | 1 |
| | CYL | 3KL8111-5TC10 | 15860.- | 3KL8111-4TC10 | 18215.- | 1 |
| 32A | DIN | 3KL8121-5TA10 | 16735.- | 3KL8121-4TA10 | 18600.- | 1 |
| | BS | 3KL8121-5TJ10 | 16780.- | 3KL8121-4TJ10 | 18810.- | 1 |
| | CYL | 3KL8121-5TC10 | 16865.- | 3KL8121-4TC10 | 18875.- | 1 |
| 63A | DIN | 3KL8151-5TA10 | 18580.- | 3KL8151-4TA10 | 21925.- | 1 |
| | BS | 3KL8151-5TJ10 | 18650.- | 3KL8151-4TJ10 | 22470.- | 1 |
| | CYL | 3KL8151-5TC10 | 18800.- | 3KL8151-4TC10 | 22550.- | 1 |
| 100A | DIN | 3KL8211-5TA10 | 29790.- | 3KL8211-4TA10 | 35315.- | 1 |
| | BS | 3KL8211-5TJ10 | 30665.- | 3KL8211-4TJ10 | 35670.- | 1 |
| 125A | DIN | 3KL8221-5TA10 | 35300.- | 3KL8221-4TA10 | 42530.- | 1 |
| | BS | 3KL8221-5TJ10 | 35570.- | 3KL8221-4TJ10 | 43870.- | 1 |
| 160A | DIN | 3KL8231-5TA10 | 37880.- | 3KL8231-4TA10 | 46750.- | 1 |
| | BS | 3KL8231-5TJ10 | 38165.- | 3KL8231-4TJ10 | 47065.- | 1 |
| 200A | DIN | 3KL8311-5UA10 | 54620.- | 3KL8311-4UA10 | 76330.- | 1 |
| | BS | 3KL8311-5UJ10 | 55050.- | 3KL8311-4UJ10 | 78085.- | 1 |
| 250A | DIN | 3KL8321-5UA10 | 61925.- | 3KL8321-4UA10 | 81275.- | 1 |
| | BS | 3KL8321-5UJ10 | 62350.- | 3KL8321-4UJ10 | 81850.- | 1 |
| 315A | DIN | 3KL8331-5UA10 | 73660.- | 3KL8331-4UA10 | 96745.- | 1 |
| | BS | 3KL8331-5UJ10 | 74065.- | 3KL8331-4UJ10 | 97220.- | 1 |
| 400A | DIN | 3KL8341-5UA10 | 84960.- | 3KL8341-4UA10 | 108475.- | 1 |
| | BS | 3KL8341-5UJ10 | 86050.- | 3KL8341-4UJ10 | 108930.- | 1 |
| 500A | DIN | 3KL8411-5UA10 | 126520.- | 3KL8411-4UA10 | 159540.- | 1 |
| | BS | 3KL8411-5UJ10 | 126900.- | 3KL8411-4UJ10 | 161255.- | 1 |
| 630A | DIN | 3KL8421-5UA10 | 133205.- | 3KL8421-4UA10 | 169420.- | 1 |
| | BS | 3KL8421-5UJ10 | 133585.- | 3KL8421-4UJ10 | 169915.- | 1 |
| 800A$ | DIN | 3KL8431-5UA10 | 142990.- | 3KL8431-4UA10 | 181880.- | 1 |
| | BS | 3KL8431-5UJ10 | 143370.- | 3KL8431-4UJ10 | 182360.- | 1 |

## SS ^ Enclosure for 3KL8/ 3KA8

| Rated current $I_e$ @690V 50Hz | Enclosure type | Unit MRP* ₹ | Std. pkg. (nos.) |
|---|---|---|---|
| 20A-160A | 3KX8235-4AC | 10625.- | 1 |
| 200A-400A | 3KX8345-4AC | 14150.- | 1 |
| 500A-800A | 3KX8435-4AC 1) | 23190.- | 1 |
| 200A-800A | 3KX8435-4AG # 2) | 39820.- | 1 |

^ SS stands for Sheet Steel

\# Enclosure for 4-pole SDF / SD type 3KL83/4 & 3KA83/4

1) SD (except 4-pole) type 3KA84 (630A-1600A), recommended to be used along with gland box 3KX84354DC (2nos.)

2) SD (4-pole only) type 3KA84 (630A-1600A), recommended to be used along with gland box 3KX84354DG (2nos.)

Std. Pkg. = 1 unit * MRP - Maximum Retail Price

@ In 3P housing

^ SS stands for Sheet Steel

> 3KL8 in SS Enclosure:Includes 3KL8 SDF without fuses,SS Enclosure, front drive (Handle) and phase barriers

$ 3KL8431 (800A): 710A with fuse cover

< 415V AC for size 3, 3KL83 SDF

Notes:

2P = 2-pole; 3P = 3-pole; 3PN = 3-pole with neutral link; 4P = 4-pole

3KL8: Unit MRPs are without fuses

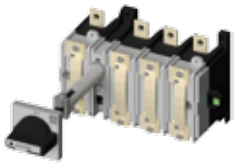
3KL8: Unit MRPs are inclusive of Front drive (Handle) and phase barriers

Refer the brochure for fuse selection guide

Refer the OM for changes in dimension

The Enclosures are open at both top and bottom, Kindly order separate gland plates. Refer Accessories for Superswitch 3KL8/3KA8

# Superswitch 3KA8



### Switch Disconnector: 3KA8 for power distribution (in Open Execution)

| Rated current $I_e$ @690V 50Hz | 2P | Unit MRP* ₹ | 3PN | Unit MRP* ₹ | 4P | Unit MRP* ₹ | Std. pkg. (nos.) |
|---|---|---|---|---|---|---|---|
| 63A | 3KA8151-2TE00@ | 7910.- | 3KA8151-5TE00 | 9540.- | 3KA8151-4TE00 | 13565.- | 1 |
| 100A | – | – | 3KA8171-5TE00 | 14830.- | 3KA8171-4TE00 | 27290.- | 1 |
| 100A | 3KA8211-2TE00 | 13840.- | 3KA8211-5TE00 | 18865.- | 3KA8211-4TE00 | 31550.- | 1 |
| 125A | 3KA8221-2TE00 | 17375.- | 3KA8221-5TE00 | 21665.- | 3KA8221-4TE00 | 33890.- | 1 |
| 160A | 3KA8231-2TE00 | 23160.- | 3KA8231-5TE00 | 28190.- | 3KA8231-4TE00 | 42695.- | 1 |
| 200A | 3KA8311-2UE00 | 29440.- | 3KA8311-5UE00 | 36400.- | 3KA8311-4UE00 | 49555.- | 1 |
| 250A | 3KA8321-2UE00 | 32220.- | 3KA8321-5UE00 | 38435.- | 3KA8321-4UE00 | 60870.- | 1 |
| 400A | 3KA8341-2UE00 | 44695.- | 3KA8341-5UE00 | 56830.- | 3KA8341-4UE00 | 82970.- | 1 |
| 630A$ | 3KA842□-2UE00 | 71695.- | 3KA842□-5UE00 | 90215.- | 3KA842□-4UE00 | 118750.- | 1 |
| 800A$ | 3KA843□-2UE00 | 74815.- | 3KA843□-5UE00 | 93100.- | 3KA843□-4UE00 | 136285.- | 1 |
| 1000A$ | 3KA844□-2UE00 | 100110.- | 3KA844□-5UE00 | 133735.- | 3KA844□-4UE00 | 167940.- | 1 |
| 1250A$ | 3KA845□-2UE00 | 131630.- | 3KA845□-5UE00 | 173485.- | 3KA845□-4UE00 | 201880.- | 1 |
| 1600A$ | 3KA846□-2UE00 | 151800.- | 3KA846□-5UE00 | 192000.- | 3KA846□-4UE00 | 271900.- | 1 |

□ - 2: Top Incoming
□ - 3: Bottom Incoming

@ In 3P housing
$ Utilization category AC21A @690V AC (1600A: @500V AC)

Notes:
2P = 2-pole; 3P = 3-pole; 3PN = 3-pole with neutral link; 4P = 4-pole
3KA8: Unit MRPs are inclusive of Front drive (Handle)
Please scan the QR code for Catalog and Operating instruction sheets (OIS)
Refer the OIS for changes in dimension



# Accessories for Superswitch 3KL8 / 3KA8

| Description | Pole | Fuse type | 3KL81 11/21/51/71 3KA81 51/71 | Unit MRP* ₹ | 3KL82 11/21/31 3KA82 11/21/31 | Unit MRP* ₹ | 3KL83 11/21/31/41 3KA83 11/21/41 | Unit MRP* ₹ | 3KL84 11/21/31 3KA84 2/3/4/5/6 | Unit MRP* ₹ | Std. pkg. (nos.) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Fuse cover [2] | 2P | DIN | 3KX8150-0AE [5] | 690.- | 3KX8230-0JF | 1690.- | 3KX8340-0AF | 2485.- | 3KX8430-0JF | 3520.- | 1 |
| | | BS | | | 3KX8230-0HF | 1690.- | | | 3KX8430-0HF | 3520.- | 1 |
| | 3P | DIN | | | 3KX8230-0JE | 1690.- | 3KX8340-0AE | 2485.- | 3KX8430-0JE | 3520.- | 1 |
| | | BS | | | 3KX8230-0HE | 1690.- | | | 3KX8430-0HE | 3520.- | 1 |
| | 4P | DIN | 3KX8150-0AG [5] | 1180.- | 3KX8230-0JG | 1690.- | 3KX8340-0AG | 2485.- | 3KX8430-0JG | 3520.- | 1 |
| | | BS | | | 3KX8230-0HG | 1690.- | | | 3KX8430-0HG | 3520.- | 1 |
| Terminal cover (1set = 2pieces) | 2P | – | 3KX8151-0AE | 355.- | 3KX8231-0AF | 1440.- | 3KX8341-0AF | 2705.- | 3KX8431-0AF | 3175.- | 1 |
| | 3P | – | | | 3KX8231-0AE | 1440.- | 3KX8341-0AE | 2705.- | 3KX8431-0AE | 3175.- | 1 |
| | 4P | – | 3KX8151-0AG | 1255.- | 3KX8231-0AG | 1440.- | 3KX8341-0AG | 2705.- | 3KX8431-0AG | 3175.- | 1 |
| Phase barrier | – | DIN/ BS/ Cylindrical | 3KX8153-0AE | 140.- | 3KX8153-0AE (DIN) | 140.- | 3KX8343-0AE | 430.- | 3KX8433-0AE | 655.- | 1 |
| | | | | | 3KX8233-0JE (BS) | 140.- | | | | | 1 |
| Fuse cover phase barrier kit [3] | | | – | – | – | – | 3KX8340-9AE | 1390.- | 3KX8440-9AE | 1390.- | 1 |
| Auxiliary switch (1NO+1NC) | | | 3SB5400-0A^# | 425.- | 3KX3522-1YC | 2005.- | 3KX3552-1YC | 2410.- | 3KX3582-1YC | 2920.- | 1 |
| Auxiliary switch (2NO+2NC) | | | – | – | 3KX3522-1YD | 3610.- | 3KX3552-1YD | 5220.- | 3KX3582-1YD | 5630.- | 1 |
| Auxiliary switch cover | | | 3KX8154-0AC | 240.- | 3KX8234-0AC | 240.- | – | – | – | – | 1 |
| Front drive (Handle) | | | 8UC6114-1BB00 | 2470.- | 8UC6214-1BB00 | 2795.- | 8UC6314-1BB00 | 4220.- | 8UC6414-1BB00 | 6170.- | 1 |
| Operating shaft (300mm) | | | 8UC6031 | 685.- | 8UC60-32 | 830.- | 8UC6034 | 1610.- | 8UC6034 | 1610.- | 1 |
| Castell interlock[1]^ | | | 8UC6070-0YQ.. | 12920.- | 8UC6070-1YQ.. | 12920.- | 8UC6070-2YQ.. | 13260.- | 8UC6070-2YQ.. | 13260.- | 1 |
| Depth setting template | | | 8UC6046-2 | 145.- | 8UC6046-2 | 145.- | 8UC6046-2 | 145.- | 8UC6046-2 | 145.- | 1 |
| Fuse Monitor with auxiliary switch^ (1NO+1NC) | | | 3RV1611-0BD10 | 22280.- | 3RV1611-0BD10 | 22280.- | 3RV1611-0BD10 | 22280.- | 3RV1611-0BD10 | 22280.- | 1 |
| | | | 3RV2901-1E | 2935.- | 3RV2901-1E | 2935.- | 3RV2901-1E | 2935.- | 3RV2901-1E | 2935.- | 1 |
| Fuse safety barrier | | | 3KX8150-1AC | 365.- | 3KX8230-1AC | 475.- | – | – | – | – | 1 |
| Gland box with gland plate (1no.) | | | 3KX8235-4DC | 12335.- | 3KX8235-4DC | 12335.- | 3KX8345-4DC | 17020.- | 3KX8435-4DC | 25925.- | 1 |
| | | | | | | | | | 3KX8435-4DG [4] | 42430.- | 1 |
| Gland plate | | | 3KX8235-4GC | 2615.- | 3KX8235-4GC | 2615.- | 3KX8345-4GC | 3390.- | 3KX8435-4GC | 3770.- | 1 |
| | | | | | | | | | 3KX8435-4GG [4] | 3805.- | 1 |

1) The 11th and 12th place of the type reference will indicate the alphabet type of lock & key. Combinations available are A, B, C, D, A-, -B, -C, AB, AC. 11th place will be A, B, C, D for castell lock type A, B, C, D respectively. 11th and 12 place will be A0, 0B, 0C, AB, AC for castell lock type A-, -B, -C, AB, AC respectively.
2) Additionally order: Phase barrier 2nos. with Fuse cover for 20A-160A SDF and "Fuse cover phase barrier kit" with Fuse cover for 200A - 800A SDF
3) Mandatory accessory to be ordered with fuse cover for 200A - 800A SDF
4) Accessory for 4-pole SDF with enclosure type 3KL83 & 3KL84 and SS enclosure type 3KX8435-4AG
5) Also,suitable for SDF with cylindrical type HRC fuses
Note: The above accessories e.g. Fuse Cover, Terminal Cover, Phase barrier, Fuse cover phase barrier kit & Front Drive (handle) are unique (different) and not to be used along with MLFB 3KL8...-3.A00, 3KL8...-3.J00,3KL8...-3.C00

Std. Pkg. = 1 unit * MRP - Maximum Retail Price ^ - List Price # - Std. pkg. = 10

# Power distribution for the digital world

## SIEPAN 8PU Low Voltage Switchboards




**Licensed Partner**

For SIEPAN 8PU

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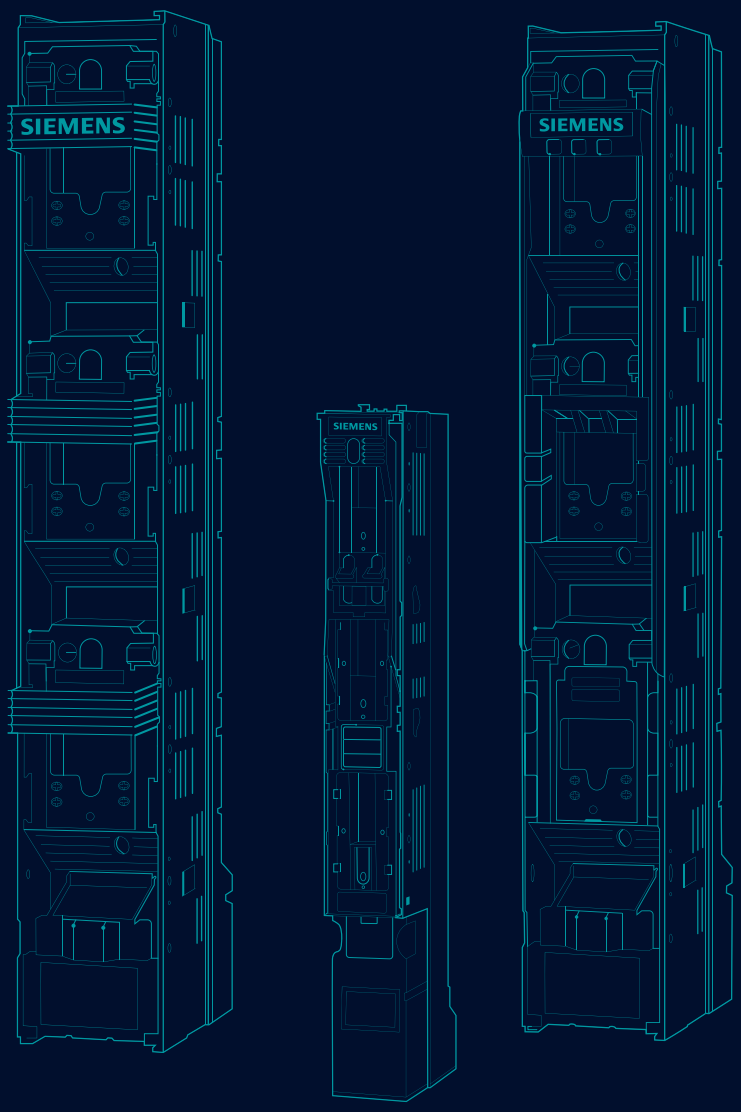
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# 3NJ4 Fuse Switch Disconnectors

## Safe. Flexible. Efficient

**Product Features:**

- Compliant with IEC/EN 60439-1, IEC/EN 60947-3
- Maximum safety and minimized mounting width
- Fuse visible Disconnection
- Contactless fuse removal
- Vertical /Direct mounting on busbars
- Cable connection from top and bottom

**Applications:**

- Feeder Pillar
- Compact Substation
- Control Panels – Automotive Industry
- Smart Pole Applications
- Lighting Distribution Boards (LDB)
- Power Distribution Boards (PDB)

SIEMENS

# 3NJ4 Fuse Switch Disconnectors
## Safe. Flexible. Efficient



**Overview :**

- Operating Voltage up to 690 VAC
- Rated operational current : 160A to 630A
- 1-pole or 3-pole switchable
- Busbar mounting 185 mm center to center spacing
- Suitable for fuse links NH000, NH00, NH1, NH2, NH3 and 3NA COM Fuse

### 3NJ4 Fuse Switch Dlsconnectors

| Rated Current (A) | Switchable poles | Busbar center-to-center spacing | Fuse size (DIN type HRC fuse) | Connection | Type | Unit LP* ₹ |
|---|---|---|---|---|---|---|
| 160 | 1 | 185mm | NH00/NH000 | M8 flat terminal | 3NJ4101-3BF01-0RC0 | POR |
| | 3 | | | | 3NJ4103-3BF01-0RC0 | |
| 250 | 1 | | NH1 | M10 flat terminal | 3NJ4121-3BF01-0RC0 | |
| | 3 | | | | 3NJ4123-3BF01-0RC0 | |
| 400 | 1 | | NH1, NH2 | M12 flat terminal | 3NJ4131-3BF01-0RC0 | |
| | 3 | | | | 3NJ4133-3BF01-0RC0 | |
| 630 | 1 | | NH2, NH3 | M12 flat terminal | 3NJ4141-3BF01-0RC0 | |
| | 3 | | | | 3NJ4143-3BF01-0RC0 | |

### Accessories for fuse switch disconnector 3NJ4



#### Busbar connection assembly kits for NH2 and NH3

With flat terminals

| Screws | Conductor cross section | Type | Unit LP* ₹ |
|---|---|---|---|
| M12 | 2 x 240mm² | 3NJ4911-5AA00-0RC0* | POR |
| | 2 x 300 mm² / 3 x 120 mm² | 3NJ4911-5BA00-0RC0* | |
| M16 | 1 x 400 mm² | 3NJ4911-5CA00-0RC0* | |



#### Covers

Additional touch protection when using cable lugs and as spacer

| Size | Busbar center-to-center spacing | Type | Unit LP* ₹ |
|---|---|---|---|
| NH1 ... NH3 | Connection for top and bottom | 3NJ4912-1AA01-0RC0* | POR |



#### Busbar terminals

Not for devices with transformer installation

| Version | Type | Unit LP* ₹ |
|---|---|---|
| For more rapid mounting of the switch dlsconnectors onto the busbars (1 set = 3 units) | 3NJ4911-3BA01-0RC0* | POR |



#### Auxiliary switch mounting kits

For 3-pole switchable switch disconnectors only

| Version | Contacts | Type | Unit LP* ₹ |
|---|---|---|---|
| For NH00 ... NH3 with connecting cables | 1 CO | 3NJ4913-1AA01-0RC0^ | POR |

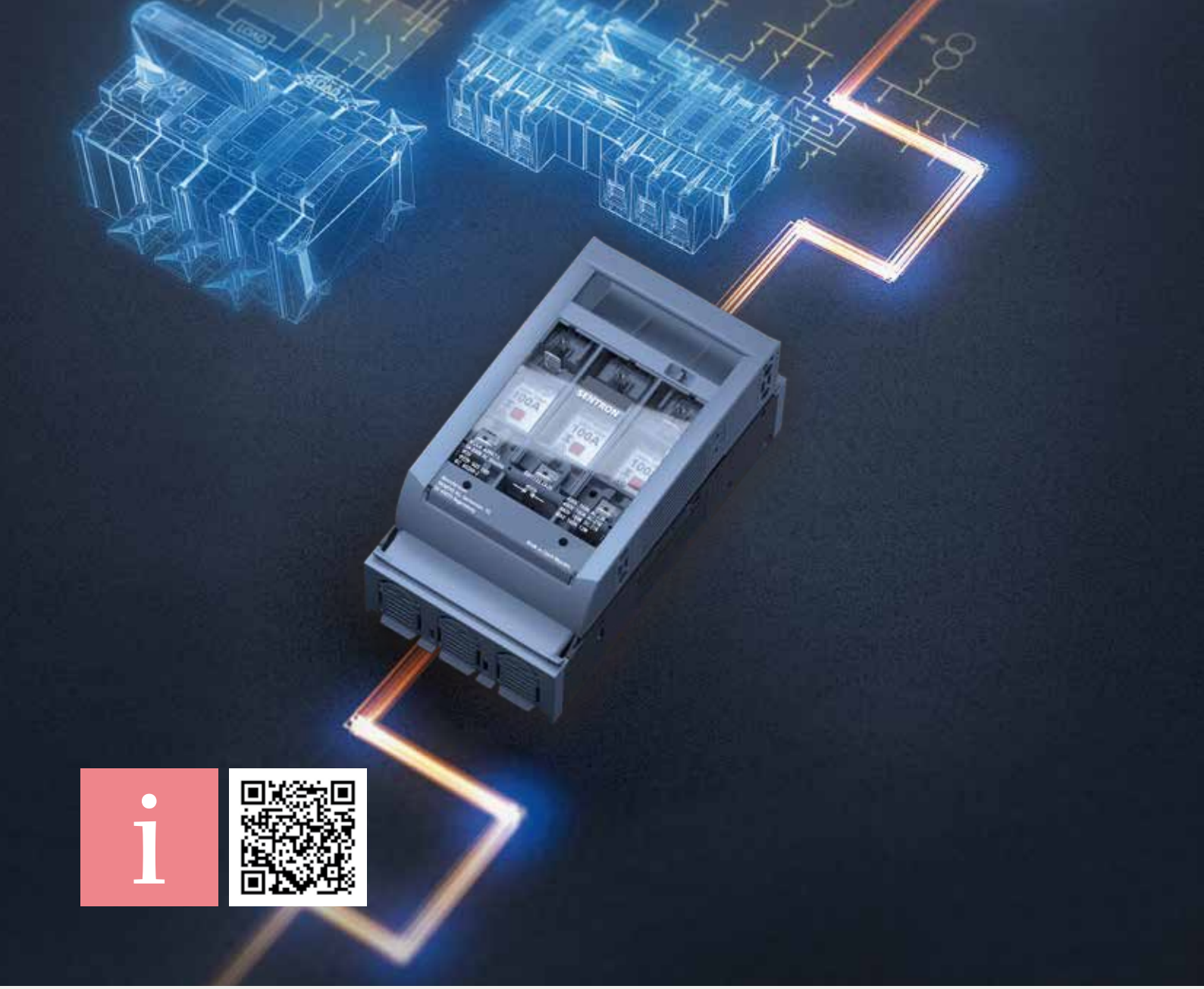
* Applicable to 3NJ412, 3NJ413, 3NJ414

^ Applicable to 3NJ4101, 3NJ412, 3NJ413, 3NJ414

POR: Price On Request

Std. Pkg. = 1 unit

* LP - List Price



**SENTRON**

# Fuse Switch Disconnectors - **3NP1**

## End to end safety for user and systems

- Compliant with IEC 60947-1 and IEC 60947-3
- 1-pole to 4-pole versions up to 630A at 1000V AC/ DC
- Fuse and Voltage monitoring
- 40/ 60mm busbar mounting option
- Selection chart with SITOR fuses

**www.siemens.com/switching-devices**

SIEMENS

# SENTRON 3NP1 Fuse Switch Disconnectors up to 630A
# Reliable safety of personnel and systems

**Overview:**
- Available in five frame sizes from 100 to 630 A
- Optional for use of fuse links in LV HRC design
- 1-, 2-, 3- and 4-pole switchable

**Application:**
- Can be used in main and auxiliary circuits
- For non-routine switching
- VFD/ Soft Starter/ Capacitor panels

**Benefits:**
- Fuse puller is not required
- Mounting flexibility: Base / DIN / busbar
- AC20 / DC20 1000V

## 3NP1 with Floor mounting

### 3NP1 without fuse monitoring

| Rated current (A) | 3NP1 size | DIN fuse size | Terminals type | Poles[4] | Type | Unit LP* ₹ |
|---|---|---|---|---|---|---|
| 100[1] | 000 | 000 | Box | 1 | 3NP1121-1CA20 | 9370.- |
| | | | | 3 | 3NP1123-1CA20 | 17020.- |
| | | | | 4 | 3NP1124-1CA20 | 29730.- |
| 160[2] | 00 | 000,00 | Flat | 1 | 3NP1131-1CA10 | 9865.- |
| | | | | 3 | 3NP1133-1CA10 | 17815.- |
| | | | | 4 | 3NP1134-1CA10 | 30970.- |
| 250[2] | 1 | 0,1 | Flat | 1 | 3NP1141-1DA10 | 28740.- |
| | | | | 3 | 3NP1143-1DA10 | 52105.- |
| | | | | 4 | 3NP1144-1DA10 | 85430.- |
| 400[2] | 2 | 1,2 | Flat | 1 | 3NP1151-1DA10 | 39530.- |
| | | | | 3 | 3NP1153-1DA10 | 71395.- |
| | | | | 4 | 3NP1154-1DA10 | 115550.- |
| 630[2] | 3 | 2,3 | Flat | 1 | 3NP1161-1DA10 | 52600.- |
| | | | | 3 | 3NP1163-1DA10 | 95665.- |
| | | | | 4 | 3NP1164-1DA10 | 153310.- |



1-pole



3-pole



2-pole



4-pole

### 3NP1 with Electronic fuse monitoring [3]

| Rated current (A) | 3NP1 size | DIN fuse size | Terminals type | Poles[4] | Type | Unit LP* ₹ |
|---|---|---|---|---|---|---|
| 100[1] | 000 | 000 | Box | 1 | 3NP1121-1CA24 | 32825.- |
| | | | | 3 | 3NP1123-1CA24 | 50800.- |
| 160[2] | 00 | 000,00 | Flat | 1 | 3NP1131-1CA14 | 31350.- |
| | | | | 3 | 3NP1133-1CA14 | 51270.- |
| 250[2] | 1 | 0,1 | Flat | 1 | 3NP1141-1DA14 | 52165.- |
| | | | | 3 | 3NP1143-1DA14 | 85430.- |
| 400[2] | 2 | 1,2 | Flat | 1 | 3NP1151-1DA14 | 63400.- |
| | | | | 3 | 3NP1153-1DA14 | 105650.- |
| 630[2] | 3 | 2,3 | Flat | 1 | 3NP1161-1DA14 | 76440.- |
| | | | | 3 | 3NP1163-1DA14 | 129050.- |



1-pole with EFM



3-pole with EFM

1) Can be used up to 160A along with an accessory feeder terminal 3NP1923-1BD00 (for 3-pole) and 3NP1921-1BD00 (for 1-pole)
2) Box type terminals available for higher ratings 3NP1.
3) EFM voltage range: 1-pole: 24 ... 240 V AC (phase to N) / 24 ... 250 V DC (L+ to L-); 3-pole: 190 ... 690 V AC (phase to phase) . Further voltage ranges are available as accessories. EFM needs external 24V DC power supply.
4) 2-pole 3NP1 is a combination of 2 nos. 1-pole 3NP1 with assembly kit accessories. Please refer page 52 for assembly kit selection.

**Configurator for 3NP1**
- Ready-to-install version
- Application specific switches
- Accessories

Std. Pkg. = 1 unit  * LP - List Price

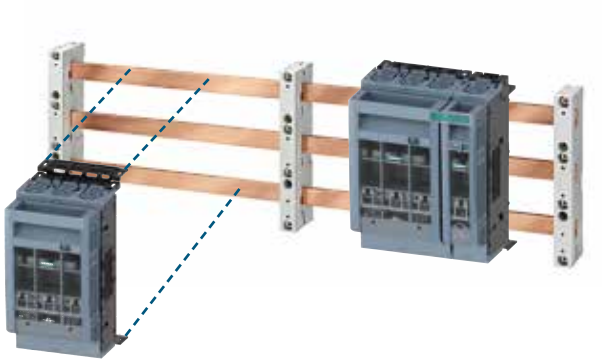
# 3NP1 mounting on 8US busbar

### 3NP1 mounting on 60mm 8US busbar system [3]

3NP1 without fuse monitoring

| Rated current (A) | 3NP1 size | DIN fuse size | Terminals type | Poles[4] | Type | Unit LP* ₹ |
|---|---|---|---|---|---|---|
| 100[1] | 000 | 000 | Box | 3 | 3NP1123-1BC20 | 25205.- |
| | | | | 4 | 3NP1124-1BC20 | 41980.- |
| 160[2] | 00 | 00 | Flat | 3 | 3NP1133-1BC10 | 27040.- |
| | | | | 4 | 3NP1134-1BC10 | 45245.- |
| 250[2] | 1 | 1 | Flat | 3 | 3NP1143-1BC10 | 86245.- |
| | | | | 4 | 3NP1144-1BC10 | 134425.- |
| 400[2] | 2 | 2 | Flat | 3 | 3NP1153-1BC10 | 111455.- |
| | | | | 4 | 3NP1154-1BC10 | 174890.- |
| 630[2] | 3 | 3 | Flat | 3 | 3NP1163-1BC10 | 141480.- |
| | | | | 4 | 3NP1164-1BC10 | 224410.- |

8US busbar system



# Accessories for 3NP1



### Auxillary contact (1CO type)

| 3NP1 Size | Type | Unit LP* ₹ |
|---|---|---|
| 000 | 3NP1920-1FA00 | 3925.- |
| 00 | 3NP1930-1FA00 | 3925.- |
| 1,2,3 | 3NP1940-1FA00 | 4260.- |



### Feeder terminals for 3NP1121/ 3 for use up to 160A

| 3NP1 Size | Terminals type | Poles | Type | Unit LP* ₹ |
|---|---|---|---|---|
| 000 | Box | 1 | 3NP1921-1BD00 | 4945.- |
| | | 3 | 3NP1923-1BD00 | 11045.- |



### Assembly kit for connection of 1-pole and 3-pole 3NP1 to form floor mounted 2-pole[4] and 4-pole 3NP1

| 3NP1 Size | Type | Unit LP* ₹ |
|---|---|---|
| 000 | 3NP19211EC00 | POR |
| 00 | 3NP19311EC00 | |
| 1,2,3 | 3NP19411EC00 | |



### Assembly kit for mounting 3NP1 floor type on 8US 60mm busbar system [5]

| 3NP1 Size | Terminals type | Poles | Type | Unit LP* ₹ |
|---|---|---|---|---|
| 000 | Box | 1 | 3NP1921-1EE10 | POR |
| 00 | | | 3NP1931-1EE10 | |

1) Can be used up to 160A along with an accessory feeder terminal 3NP1923-1BD00 (for 3-pole) and 3NP1921-1BD00 (for 1-pole)
2) Box type terminals available for higher ratings 3NP1.
3) 3NP1 also available for Rittal RiLine 60 busbar system with base
4) 2-pole 3NP1 is a combination of 2 nos. 1-pole 3NP1 with assembly kit accessories.
5) Contains all parts for assembly and connection.

POR: Price On Request
Std. Pkg. = 1 unit
* LP - List Price

# Main control and EMERGENCY STOP switches 3LD2

- Rated current range: 16A-250A
- Conforms to IEC 60947-3 / UL508
- Can be used for motor & power distribution application



## Main and EMERGENCY-STOP switches with rotary operating mechanism

Front mounting - Four hole mounting
Lockable in OFF position with upto 3 padlocks,
Degree of Protection IP65



| No of Poles | Rated current (A) Ie AC21A | Motor kW AC 23A, 380....440V, 50/60Hz | Type | Unit LP* ₹ |
|---|---|---|---|---|
| 3 | 16 | 7.5 | 3LD2003-0TK5□ | 7385.- |
| | 25 | 9.5 | 3LD2103-0TK5□ | 8170.- |
| | 32 | 11.5 | 3LD2203-0TK5□ | 9120.- |
| | 63 | 22 | 3LD2504-0TK5□ | 15600.- |
| | 100 | 37 | 3LD2704-0TK5□ | 23640.- |
| | 125 | 45 | 3LD2804-0TK5□ | 30145.- |
| | 160 | 75 | 3LD2305-0TK1□ | POR |
| | 250 | 132 | 3LD2405-0TK1□ | |

□ - 1: Black OR
□ - 3: Red/yellow

## Main control and EMERGENCY-STOP switches with selector switch operating mechanism

Front mounting - Four hole mounting
Lockable in OFF position with upto 2 padlocks,
Degree of Protection IP65,
Including terminal cover for incoming side



| No of Poles | Rated current (A) Ie AC21A | Motor kW AC 23A, 380....440V, 50/60Hz | Type | Unit LP* ₹ |
|---|---|---|---|---|
| 3 | 16 | 7.5 | 3LD2022-0TK1□ | 6590.- |
| | 25 | 9.5 | 3LD2122-0TK1□ | 7235.- |
| | 32 | 11.5 | 3LD2222-0TK1□ | 8780.- |

□ - 1: Black OR
□ - 3: Red/yellow

## Changeover switches with selector switch operating mechanism

Front mounting - Four hole mounting
Selector switch cannot be locked
Degree of Protection IP65
Black Actuator



| No of Poles | Rated current (A) Ie AC21A | Motor kW AC 23A, 380....440V, 50/60Hz | Type | Unit LP* ₹ |
|---|---|---|---|---|
| 3 | 25 | 9.5 | 3LD2123-7UK01 | 16190.- |
| | 32 | 11.5 | 3LD2223-7UK01 | 17710.- |
| | 63 | 22 | 3LD2524-7UK01 | 29275.- |
| | 100 | 37 | 3LD2724-7UK01 | 54445.- |
| | 160 | 75 | 3LD2305-7UK01 | POR |
| | 250 | 132 | 3LD2405-7UK01 | |

## Changeover switch with knob Operated MechanismIn moulded plastic enclosure



| No of Poles | Rated current (A) Ie AC21A | Motor kW AC 23A, 380....440V, 50/60Hz | Type | Unit LP* ₹ |
|---|---|---|---|---|
| 3 | 25 | 9.5 | 3LD21657UB01 | 25920.- |
| | 32 | 11.5 | 3LD22657UB01 | 29455.- |
| | 63 | 22 | 3LD25667UB01 | 63905.- |
| | 100 | 37 | 3LD27667UB01 | 110100.- |

## Main and EMERGENCY-STOP switches with door coupling rotary operating mechanism

Panel mounting with 300mm switch shaft -
Four hole mounting
Lockable in OFF position with upto 3 padlocks,
Degree of Protection IP65
Including terminal cover for incoming side



| No of Poles | Rated current (A) Ie AC21A | Motor kW AC 23A, 380....440V, 50/60Hz | Type | Unit LP* ₹ |
|---|---|---|---|---|
| 3 | 16 | 7.5 | 3LD2013-0TK5□ | 11830.- |
| | 25 | 9.5 | 3LD2113-0TK5□ | 13140.- |
| | 32 | 11.5 | 3LD2213-0TK5□ | 14480.- |
| | 63 | 22 | 3LD2514-0TK5□ | 17380.- |
| | 100 | 37 | 3LD2714-0TK5□ | 28550.- |
| | 125 | 45 | 3LD2814-0TK5□ | 35650.- |
| | 160 | 75 | 3LD2318-0TK1□ | POR |
| | 250 | 132 | 3LD2418-0TK1□ | |

□ - 1: Black OR
□ - 3: Red/yellow

## Main control and EMERGENCY-STOP switches

In Moulded plastic enclosures
Lockable in OFF position with upto 3 padlocks,
Degree of Protection IP65,
with centre hole mounting
with N and/or PE ground terminals



| No of Poles | Rated current (A) Ie AC21A | Motor kW AC 23A, 380....440V, 50/60Hz | Type | Unit LP* ₹ |
|---|---|---|---|---|
| 3 | 16 | 7.5 | 3LD2064-0TB5□ | 10535.- |
| | 25 | 9.5 | 3LD2164-0TB5□ | 11420.- |
| | 32 | 11.5 | 3LD2264-0TB5□ | 13570.- |
| | 63 | 22 | 3LD2565-0TB5□ | 22465.- |
| | 100 | 37 | 3LD2766-0TB5□ | 51055.- |
| | 125 | 45 | 3LD2866-0TB5□ | 92410.- |

□ - 1: Black OR
□ - 3: Red/yellow

Note: 3LD23/24 knob operated mechanism

POR: Price On Request

Std. Pkg. = 1 unit  * LP - List Price

**Configurator for 3LD**

- Ready-to-install version
- Application specific switches
- Accessories

# Accessories for 3LD2

| Mounting | Description | For Switch | Type | Unit LP* ₹ | Std. pkg. (nos.) |
|---|---|---|---|---|---|
| For front mounting switch | Add on switched 4th pole (N Conductor Leading switch ON, delayed switch OFF) | 3LD21 (25A) and 3LD22 (32A) | 3LD9220-0B | 3335.- | 1 |
| | | 3LD25 (63A) | 3LD9250-0BA | 4890.- | 1 |
| | | 3LD27 (100A) and 3LD28 (125A) | 3LD9280-0B | 6055.- | 1 |
| | | 3LD23 (160A) and 3LD24 (250A) | 3LD9240-0B | POR | 1 |
| | N or PE terminal Continous | 3LD20 (16A) | 3LD9200-2B | 2225.- | 1 |
| | | 3LD21 (25A) and 3LD22 (32A) | 3LD9220-2B | 2545.- | 1 |
| | | 3LD25 (63A) | 3LD9250-2BA | 3350.- | 1 |
| | | 3LD27 (100A) and 3LD28 (125A) | 3LD9280-2B | 4060.- | 1 |
| | | 3LD23 (160A) and 3LD24 (250A) | 3LD9240-2B | POR | 1 |
| | Auxiliary switches For mounting on left and/or right 1NO+1NC | 3LD20, 3LD21, 3LD22, 3LD25, 3LD27, 3LD28, 3LD23 and 3LD24 | 3LD9200-5B | 3700.- | 1 |
| For floor and distribution board mounting switch or 3LD2 switch in moulded-plastic enclosure | Add on switched 4th pole (N Conductor Leading switch ON, delayed switch OFF) | 3LD21 (25A) and 3LD22 (32A) | 3LD9220-0C | 3335.- | 1 |
| | | 3LD25 (63A) | 3LD9250-0CA | 4890.- | 1 |
| | | 3LD27 (100A) and 3LD28 (125A) | 3LD9280-0C | 6055.- | 1 |
| | | 3LD23 (160A) and 3LD24 (250A) | 3LD9240-0C | POR | 1 |
| | N or PE terminal Continous | 3LD20 (16A) | 3LD9200-2C | 3000.- | 1 |
| | | 3LD21 (25A) and 3LD22 (32A) | 3LD9220-2C | 2545.- | 1 |
| | | 3LD25 (63A) | 3LD9250-2CA | 3350.- | 1 |
| | | 3LD27 (100A) and 3LD28 (125A) | 3LD9280-2C | 4060.- | 1 |
| | | 3LD23 (160A) and 3LD24 (250A) | 3LD9240-2C | POR | 1 |
| | Auxiliary switches For mounting on left and/or right 1NO+1NC | 3LD20, 3LD21, 3LD22, 3LD25, 3LD27, 3LD28, 3LD23 and 3LD24 | 3LD9200-5C | 3515.- | 1 |
| Terminal cover for touch protection can be snapped on at top & bottom for front, floor and distribution board mounting | 4 pole | 3LD20 (16A) | 3LD9201-1A | 1140.- | 4 |
| | 3 pole | 3LD21 (25A) and 3LD22 (32A) | 3LD9221-0A | 1055.- | 4 |
| | 3 pole | 3LD25 (63A) | 3LD9251-0A | 1180.- | 4 |
| | 1 pole | 3LD27 (100A) and 3LD28 (125A) | 3LD9281-2A | 570.- | 4 |
| | 1 pole | 3LD23 (160A) and 3LD24 (250A) | 3LD9241-2A | POR | 4 |
| For front (four hole mounting only) and floor mounting switch or 3LD2 switch in moulded-plastic enclosure | Auxiliary switch, front-mounted, for long leading times 1NO+1NC, lagging switch-on, leading switch-off (20 ms to 150 ms) | 3LD20, 3LD21, 3LD22, 3LD25, 3LD27 and 3LD28 | 3LD9280-5D | POR | 1 |
| | | 3LD23 and 3LD24 | 3LD9240-5D | POR | 1 |

**3LD2 maintenance and repair switches with EMC shield plate.**
**Please contact your nearest Siemens Sales Office for further details.**





# Motor control switches 3LA0

| Description | | Motor output 415V, 50Hz, 3Ph kW | Type | Unit LP* ₹ | Std. pkg. (nos.) |
|---|---|---|---|---|---|
| Open execution | On/Off | 7.5 | 3LA0201-1YA | 5665.- | 10 |
| | | 30 | 3LA0601-1YB | 13145.- | 5 |
| | System selector | 5.5 | 3LA0202-1YA | 6470.- | 10 |
| | | 30 | 3LA0602-1YB | 18385.- | 5 |
| | Reversing | 5.5 | 3LA0203-1YA | 6470.- | 10 |
| | | 30 | 3LA0603-1YB | 18385.- | 5 |
| | Star-delta | 12 | 3LA0204-5YA | 9115.- | 10 |
| | | 30 | 3LA0604-1YB | 25035.- | 5 |
| | 2 speed pole changing<br>i) Separate windings<br>ii) Dahlander | 5.5<br>5.5 | 3LA0205-2YA<br>3LA0205-1YA | 6470.-<br>8705.- | 10<br>10 |
| | Reversing pole changing | 5.5 | 3LA0205-3YA | 12500.- | 10 |

# Spares & accessories for motor control switches**

| Description | Type | Unit LP* ₹ | Std. pkg. (nos.) |
|---|---|---|---|
| Ball handle – Black | 3LX0 211-1YA | 350.- | 10 |
| Machine handle – Black | 3LX0 611-2YA | 925.- | 10 |
| Indicating dial for size 2 | 3LX0 220-1YA | 265.- | 10 |
| Indicating dial for size 6 | 3LX0 620-1YA | 265.- | 10 |
| Catching lever for the drive mechanism of size 2 switch (2 nos. reqd. per switch) | 3LY0 220-2YA | 265.- | 10 |
| Tension spring for the drive mechanism of size 2 switch | 3LY0 210-1YA | 240.- | 10 |

** All parts supplied loose in polythene bags.

# Heavy duty switches 3LA0

| No. of poles | Rated current | | Open execution | | |
|---|---|---|---|---|---|
| | AC 22A | AC 23A | Type | Unit LP* ₹ | Std. pkg. (nos.) |
| 2 | 25 | 16 | 3LA0205-4YA | 3880.- | 10 |
| | 63 | 52 | 3LA0605-1YB | 9325.- | 5 |
| 4 | 25 | 16 | 3LA0205-5YA | 6470.- | 10 |
| | 63 | 52 | 3LA0605-2YB | 17000.- | 5 |

POR: Price On Request

* LP - List Price

# When it comes to safety, **nothing beats SIVACON**

**SIVACON S8 Low Voltage Power Distribution Switchboard**
**Safe, Flexible, Efficient**

**SIVACON**

**Technolgy Partner**

**SIEMENS**




In conformance to the IEC 61439-1&2, SIVACON S8 guarantees high performance, maximum safety and compact modularity

**Features**

- The only 'Arc Free' switchboards in the world
- Patented double front PCCs upto 7000A,150kA
- Patented holeless technology for connections
- Patented ventilation technique Combination of fixed, plugin & drawout feeders in the same vertical

**SIEMENS**




# 3LD4
# Control Switches

- Compact and flexible design
- Double break contacts ensures high reliability
- Suitable for ambient temperatures up to 50°C
- Quick and easy installation
- High electrical and mechanical life

SIEMENS

# 3LD4 Control Switches



The 3LD4 Control Switches are cam operated switches suitable for use in a wide variety of control and auxiliary circuit applications.

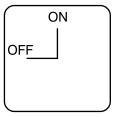
- Conforms to IEC 60947-3, IEC 60947-5
- Range 6A to 100A
- Suitable for AC21A, AC-15 Utilization category
- Suitable for ambient up to 50°C
- Double break contacts for reliable operation
- Terminals designed for easy and fast installation





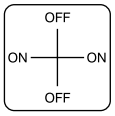
# ON OFF Switches

### 90° operation




| Type# | Description | Unit LP* ₹ | | | | | | | | | Std. pkg. (nos.) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6A *(001)* | 10A *(102)* | 16A *(103)* | 20A *(104)* | 25A *(205)* | 32A *(206)* | 40A *(207)* | 63A *(208)* | 100A *(309)* | |
| 3LD4 ___ 1AA00-0RC0 | 1 Pole | 340.- | 655.- | 785.- | 825.- | 860.- | 1050.- | 1340.- | 1570.- | 8200.- | 1 |
| 3LD4 ___ 2AA00-0RC0 | 2 Pole | 440.- | 735.- | 885.- | 985.- | 1030.- | 1220.- | 1610.- | 2010.- | 10235.- | |
| 3LD4 ___ 3AA00-0RC0 | 3 Pole | 480.- | 885.- | 1040.- | 1135.- | 1340.- | 1500.- | 1880.- | 2695.- | 12600.- | |
| 3LD4 ___ 4AA00-0RC0 | 4 Pole | 590.- | 955.- | 1120.- | 1350.- | 1655.- | 1775.- | 2155.- | 3245.- | 14760.- | |

### 90° Operation with complete rotation

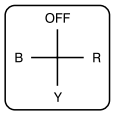


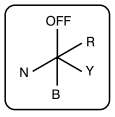

| Type# | Description | Unit LP* ₹ | | | | | | | | | Std. pkg. (nos.) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6A *(001)* | 10A *(102)* | 16A *(103)* | 20A *(104)* | 25A *(205)* | 32A *(206)* | 40A *(207)* | 63A *(208)* | 100A *(309)* | |
| 3LD4 ___ 1BC00-0RC0 | 1 Pole | 335.- | 655.- | 785.- | 825.- | 830.- | 1040.- | 1335.- | 1560.- | 8200.- | 1 |
| 3LD4 ___ 2BC00-0RC0 | 2 Pole | 440.- | 735.- | 885.- | 985.- | 1030.- | 1220.- | 1610.- | 2010.- | 10235.- | |
| 3LD4 ___ 3BC00-0RC0 | 3 Pole | 480.- | 885.- | 1040.- | 1135.- | 1340.- | 1500.- | 1880.- | 2695.- | 12600.- | |
| 3LD4 ___ 4BC00-0RC0 | 4 Pole | 590.- | 955.- | 1120.- | 1350.- | 1655.- | 1775.- | 2155.- | 3245.- | 14760.- | |

# Fill in the 5th, 6th & 7th of the type nos with the digits in () to get complete MLFB
e.g. for 6A 3 Pole ON OFF Switch the complete type no will be 3LD4***001***3AA00-0RC0

# Instrumentation Selector Switch

## Ammeter Selector Switch (ASS)




| Description | Rating | Type# | Unit LP* ₹ | Std. pkg. (nos.) |
|---|---|---|---|---|
| Line currents with OFF | 6A | 3LD40014DC200RC0 | 720.- | 1 |
| | 10A | 3LD41024DC200RC0 | 865.- | |
| | 16A | 3LD41034DC200RC0 | 1100.- | |
| | 20A | 3LD41044DC200RC0 | 1225.- | |
| Line currents with Neutral with OFF | 6A | 3LD40014DD200RC0 | 715.- | |
| | 10A | 3LD41024DD200RC0 | 860.- | |
| | 16A | 3LD41034DD200RC0 | 1085.- | |
| | 20A | 3LD41044DD200RC0 | 1370.- | |



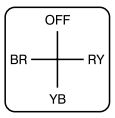


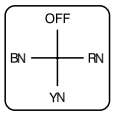
* LP - List Price

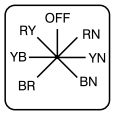
# 3LD4 Control Switches

## Voltmeter Selector Switch (VSS)

| Description | Rating | Type# | Unit LP* ₹ | Std. pkg. (nos.) |
|---|---|---|---|---|
| Line voltages with OFF | 6A | 3LD40014DC300RC0 | 535.- | 1 |
| | 10A | 3LD41024DC300RC0 | 785.- | |
| | 16A | 3LD41034DC300RC0 | 1005.- | |
| | 20A | 3LD41044DC300RC0 | 1135.- | |
| Phase voltages with OFF | 6A | 3LD40014DC310RC0 | 940.- | |
| | 10A | 3LD41024DC310RC0 | 1050.- | |
| | 16A | 3LD41034DC310RC0 | 1350.- | |
| | 20A | 3LD41044DC310RC0 | 1495.- | |
| Line & Phase voltages with OFF | 6A | 3LD40014DF300RC0 | 940.- | |
| | 10A | 3LD41024DF300RC0 | 1570.- | |
| | 16A | 3LD41034DF300RC0 | 1865.- | |
| | 20A | 3LD41044DF300RC0 | 2030.- | |





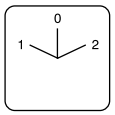



# Changeover Switch



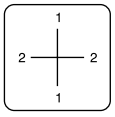
### With OFF (60°)

| Type# | Description | Unit LP* ₹ | | | | | | | | | Std. pkg. (nos.) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6A (001) | 10A (102) | 16A (103) | 20A (104) | 25A (205) | 32A (206) | 40A (207) | 63A (208) | 100A (309) | |
| 3LD4 ___ 1BB10-0RC0 | 1P 2W | 440.- | 805.- | 985.- | 1020.- | 1040.- | 1150.- | 1560.- | 2120.- | 10590.- | 1 |
| 3LD4 ___ 2BB10-0RC0 | 2P 2W | 590.- | 985.- | 1120.- | 1320.- | 1405.- | 1645.- | 2135.- | 3200.- | 15490.- | |
| 3LD4 ___ 3BB10-0RC0 | 3P 2W | 720.- | 1220.- | 1495.- | 1835.- | 2130.- | 2295.- | 2695.- | 4310.- | 20040.- | |
| 3LD4 ___ 4BB10-0RC0 | 4P 2W | 885.- | 1350.- | 1715.- | 2245.- | 2825.- | 2970.- | 3300.- | 5450.- | 25555.- | |




### Without OFF (90°)

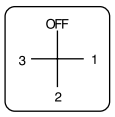
| Type# | Description | Unit LP* ₹ | | | | | | | | | Std. pkg. (nos.) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6A (001) | 10A (102) | 16A (103) | 20A (104) | 25A (205) | 32A (206) | 40A (207) | 63A (208) | 100A (309) | |
| 3LD4 ___ 1PC10-0RC0 | 1P 2W | 440.- | 805.- | 985.- | 1005.- | 1040.- | 1150.- | 1560.- | 2120.- | 10590.- | 1 |
| 3LD4 ___ 2PC10-0RC0 | 2P 2W | 590.- | 985.- | 1120.- | 1320.- | 1405.- | 1645.- | 2135.- | 3200.- | 15490.- | |
| 3LD4 ___ 3PC10-0RC0 | 3P 2W | 720.- | 1220.- | 1495.- | 1835.- | 2130.- | 2295.- | 2695.- | 4310.- | 20040.- | |
| 3LD4 ___ 4PC10-0RC0 | 4P 2W | 885.- | 1350.- | 1715.- | 2245.- | 2825.- | 2970.- | 3300.- | 5450.- | 25555.- | |




# Phase Changeover Switch (PCS)



| Type# | Description | Unit LP* ₹ | | | | | | | | | Std. pkg. (nos.) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6A (001) | 10A (102) | 16A (103) | 20A (104) | 25A (205) | 32A (206) | 40A (207) | 63A (208) | 100A (309) | |
| 3LD4 ___ 1CC10-0RC0 | 1P 3W | 535.- | 715.- | 830.- | 985.- | 1005.- | 1245.- | 1820.- | 2040.- | 8705.- | 1 |




# Fill in the 5th, 6th & 7th of the type nos with the digits in () to get complete MLFB
e.g. for 10A 3 Pole Changeover with OFF (60°) the complete type no will be 3LD4***102***3BB10-0RC0

* LP - List Price

# 3LD4 Control Switches

## Breaker Control Switch

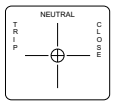



Breaker Control Switch also referred to as **TNC or Trip-Neutral-Close Switch** is used in the control circuit of Low & Medium Voltage panels for switching circuit breakers.

BCS switch has three positions – Trip, Neutral & Close used for switching the circuit breaker via auxiliary releases.

**Product Features**

- Pistol grip handle for easy operation
- Spring return operation
- High electrical &mechanical life
- Available in 25A & 32A ratings
- Tested as per IEC 60947-5-1

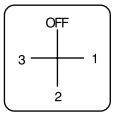



| Description | Rating | Type# | Unit LP* ₹ | Std. pkg. (nos.) |
|---|---|---|---|---|
| 1 Trip + 1 Close | 25A | 3LD4205-2BB50-0RC0 | 2915.- | 1 |
| | 32A | 3LD4206-2BB50-0RC0 | 3445.- | |
| 2 Trip + 2 Close | 25A | 3LD4205-4BB50-0RC0 | 3515.- | |
| | 32A | 3LD4206-4BB50-0RC0 | 4100.- | |

## Multistep Switch

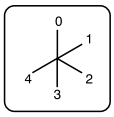


### Multistep 3 Way with OFF



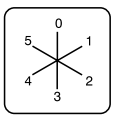

| Type# | Description | Unit LP* ₹ | | | | | | | | | Std. pkg. (nos.) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6A (001) | 10A (102) | 16A (103) | 20A (104) | 25A (205) | 32A (206) | 40A (207) | 63A (208) | 100A (309) | |
| 3LD4 ___ 1CC40-0RC0 | 1P 3W | 535.- | 885.- | 1030.- | 1050.- | 1120.- | 1250.- | 1775.- | 2010.- | 10235.- | 1 |
| 3LD4 ___ 2CC40-0RC0 | 2P 3W | 720.- | 1040.- | 1250.- | 1495.- | 1705.- | 1825.- | 2640.- | 2965.- | 15945.- | |
| 3LD4 ___ 3CC40-0RC0 | 3P 3W | 1040.- | 1380.- | 2120.- | 2260.- | 2530.- | 2745.- | 3510.- | 4580.- | 20845.- | |
| 3LD4 ___ 4CC40-0RC0 | 4P 3W | 1335.- | 1790.- | 2565.- | 2805.- | 3145.- | 3460.- | 4710.- | 5485.- | 26325.- | |

### Multistep 4 Way with OFF




| Type# | Description | Unit LP* ₹ | | | | | | | | | Std. pkg. (nos.) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6A (001) | 10A (102) | 16A (103) | 20A (104) | 25A (205) | 32A (206) | 40A (207) | 63A (208) | 100A (309) | |
| 3LD4 ___ 1DD40-0RC0 | 1P 4W | 605.- | 790.- | 1495.- | 1625.- | 1790.- | 1990.- | 2250.- | 3060.- | 9055.- | 1 |
| 3LD4 ___ 2DD40-0RC0 | 2P 4W | 1040.- | 1500.- | 1765.- | 1815.- | 1885.- | 2185.- | 2825.- | 3570.- | 13980.- | |
| 3LD4 ___ 3DD40-0RC0 | 3P 4W | 1450.- | 2020.- | 2800.- | 2945.- | 3145.- | 3610.- | 4825.- | 5485.- | 38520.- | |

### Multistep 5 Way with OFF

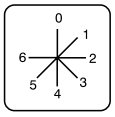



| Type# | Description | Unit LP* ₹ | | | | | | | | | Std. pkg. (nos.) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6A (001) | 10A (102) | 16A (103) | 20A (104) | 25A (205) | 32A (206) | 40A (207) | 63A (208) | 100A (309) | |
| 3LD4 ___ 1EE40-0RC0 | 1P 5W | 680.- | 1270.- | 1715.- | 1935.- | 2240.- | 2260.- | 2800.- | 3275.- | 9630.- | 1 |
| 3LD4 ___ 2EE40-0RC0 | 2P 5W | 1220.- | 1970.- | 2285.- | 2640.- | 3045.- | 3570.- | 3680.- | 4600.- | 13975.- | |

* LP - List Price

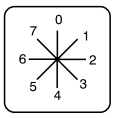
# Multistep Switch

## Multistep 6 Way with OFF



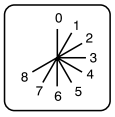

| Type# | Description | Unit LP* ₹ | | | | | | | | Std. pkg. (nos.) |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 6A *(001)* | 10A *(102)* | 16A *(103)* | 20A *(104)* | 25A *(205)* | 32A *(206)* | 40A *(207)* | 63A *(208)* | |
| 3LD4 ___ 1FF40-0RC0 | 1P 6W | 880.- | 1430.- | 1655.- | 1820.- | 1990.- | 2320.- | 2380.- | 3855.- | 1 |
| 3LD4 ___ 2FF40-0RC0 | 2P 6W | 1450.- | 2135.- | 2400.- | 2710.- | 3060.- | 3700.- | 4730.- | 6195.- | |

## Multistep 7 Way with OFF



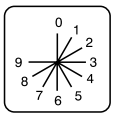

| Type# | Description | Unit LP* ₹ | | | | | | | | Std. pkg. (nos.) |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 6A *(001)* | 10A *(102)* | 16A *(103)* | 20A *(104)* | 25A *(205)* | 32A *(206)* | 40A *(207)* | 63A *(208)* | |
| 3LD4 ___ 1GG40-0RC0 | 1P 7W | 885.- | 1465.- | 1815.- | 1985.- | 2260.- | 2370.- | 2470.- | 3835.- | 1 |

## Multistep 8 Way with OFF



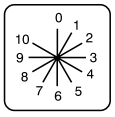

| Type# | Description | Unit LP* ₹ | | | | Std. pkg. (nos.) |
|---|---|---|---|---|---|---|
| | | 6A *(001)* | 10A *(102)* | 16A *(103)* | 20A *(104)* | |
| 3LD4 ___ 1HH40-0RC0 | 1P 8W | 1010.- | 1245.- | 1775.- | 2065.- | 1 |

## Multistep 9 Way with OFF



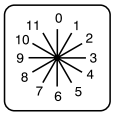

| Type# | Description | Unit LP* ₹ | | | | Std. pkg. (nos.) |
|---|---|---|---|---|---|---|
| | | 6A *(001)* | 10A *(102)* | 16A *(103)* | 20A *(104)* | |
| 3LD4 ___ 1JJ40-0RC0 | 1P 9W | 1040.- | 1515.- | 1835.- | 2185.- | 1 |

## Multistep 10 Way with OFF




| Type# | Description | Unit LP* ₹ | | | | Std. pkg. (nos.) |
|---|---|---|---|---|---|---|
| | | 6A *(001)* | 10A *(102)* | 16A *(103)* | 20A *(104)* | |
| 3LD4 ___ 1KK40-0RC0 | 1P 10W | 1220.- | 1605.- | 2470.- | 3315.- | 1 |

## Multistep 11 Way with OFF




| Type# | Description | Unit LP* ₹ | | | | Std. pkg. (nos.) |
|---|---|---|---|---|---|---|
| | | 6A *(001)* | 10A *(102)* | 16A *(103)* | 20A *(104)* | |
| 3LD4 ___ 1LL40-0RC0 | 1P 11W | 1450.- | 1740.- | 2710.- | 3570.- | 1 |

# Fill in the 5th, 6th & 7th of the type nos with the digits in () to get complete MLFB
e.g. for 6A 3 Pole Multistep 4 Way with OFF the complete type no will be 3LD4***001***3DD40-0RC0

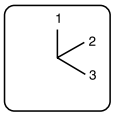
* LP - List Price

# Multistep Switch



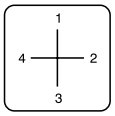


## Multistep 3 Way without OFF



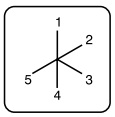

| Type# | Description | Unit LP* ₹ | | | | | | | | | Std. pkg. (nos.) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6A *(001)* | 10A *(102)* | 16A *(103)* | 20A *(104)* | 25A *(205)* | 32A *(206)* | 40A *(207)* | 63A *(208)* | 100A *(309)* | |
| 3LD4 ___ 1QB40-0RC0 | 1P 3W | 495.- | 860.- | 1040.- | 1050.- | 1320.- | 1355.- | 2105.- | 2370.- | 8905.- | 1 |
| 3LD4 ___ 2QB40-0RC0 | 2P 3W | 720.- | 1295.- | 1465.- | 1610.- | 1735.- | 1775.- | 2640.- | 3120.- | 15945.- | |
| 3LD4 ___ 3QB40-0RC0 | 3P 3W | 1040.- | 1610.- | 2185.- | 2340.- | 2530.- | 2745.- | 3855.- | 4580.- | 17120.- | |
| 3LD4 ___ 4QB40-0RC0 | 4P 3W | 1335.- | 1790.- | 2535.- | 2875.- | 3195.- | 3400.- | 7490.- | 8270.- | 18355.- | |

## Multistep 4 Way without OFF



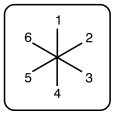

| Type# | Description | Unit LP* ₹ | | | | | | | | | Std. pkg. (nos.) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6A *(001)* | 10A *(102)* | 16A *(103)* | 20A *(104)* | 25A *(205)* | 32A *(206)* | 40A *(207)* | 63A *(208)* | 100A *(309)* | |
| 3LD4 ___ 1RC40-0RC0 | 1P 4W | 565.- | 940.- | 1270.- | 1370.- | 1575.- | 1655.- | 2285.- | 3185.- | 10850.- | 1 |
| 3LD4 ___ 2RC40-0RC0 | 2P 4W | 805.- | 1340.- | 1495.- | 1715.- | 1865.- | 2040.- | 2745.- | 3570.- | 16760.- | |
| 3LD4 ___ 3RC40-0RC0 | 3P 4W | 1100.- | 1320.- | 2370.- | 2625.- | 2970.- | 3300.- | 3585.- | 4790.- | 22095.- | |

## Multistep 5 Way without OFF



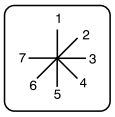

| Type# | Description | Unit LP* ₹ | | | | | | | | | Std. pkg. (nos.) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6A *(001)* | 10A *(102)* | 16A *(103)* | 20A *(104)* | 25A *(205)* | 32A *(206)* | 40A *(207)* | 63A *(208)* | 100A *(309)* | |
| 3LD4 ___ 1SD40-0RC0 | 1P 5W | 680.- | 980.- | 1355.- | 1560.- | 1775.- | 2185.- | 2800.- | 3580.- | 9580.- | 1 |
| 3LD4 ___ 2SD40-0RC0 | 2P 5W | 1220.- | 1655.- | 1865.- | 2400.- | 2805.- | 3025.- | 3885.- | 4925.- | 13785.- | |

## Multistep 6 Way without OFF




| Type# | Description | Unit LP* ₹ | | | | | | | | | Std. pkg. (nos.) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6A *(001)* | 10A *(102)* | 16A *(103)* | 20A *(104)* | 25A *(205)* | 32A *(206)* | 40A *(207)* | 63A *(208)* | 100A *(309)* | |
| 3LD4 ___ 1TE40-0RC0 | 1P 6W | 715.- | 880.- | 1705.- | 1820.- | 1990.- | 2260.- | 2645.- | 3350.- | 15945.- | 1 |
| 3LD4 ___ 2TE40-0RC0 | 2P 6W | 1380.- | 1680.- | 2295.- | 2875.- | 3520.- | 3620.- | 3680.- | 4695.- | 31805.- | |

## Multistep 7 Way without OFF



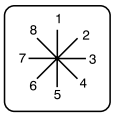

| Type# | Description | Unit LP* ₹ | | | | | | | | Std. pkg. (nos.) |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 6A *(001)* | 10A *(102)* | 16A *(103)* | 20A *(104)* | 25A *(205)* | 32A *(206)* | 40A *(207)* | 63A *(208)* | |
| 3LD4 ___ 1UF40-0RC0 | 1P 7W | 880.- | 1120.- | 1295.- | 1790.- | 2360.- | 2365.- | 2825.- | 4210.- | 1 |



* LP - List Price

# Multistep Switch

## Multistep 8 Way without OFF



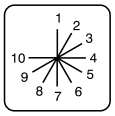

| Type# | Description | Unit LP* ₹ | | | | Std. pkg. (nos.) |
|---|---|---|---|---|---|---|
| | | 6A *(001)* | 10A *(102)* | 16A *(103)* | 20A *(104)* | |
| 3LD4 ___ 1VG40-0RC0 | 1P 8W | 885.- | 1750.- | 1930.- | 2065.- | 1 |

## Multistep 9 Way without OFF



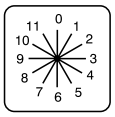

| Type# | Description | Unit LP* ₹ | | | | Std. pkg. (nos.) |
|---|---|---|---|---|---|---|
| | | 6A *(001)* | 10A *(102)* | 16A *(103)* | 20A *(104)* | |
| 3LD4 ___ 1WH40-0RC0 | 1P 9W | 1040.- | 1815.- | 3065.- | 3810.- | 1 |

## Multistep 10 Way without OFF



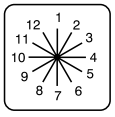

| Type# | Description | Unit LP* ₹ | | | | Std. pkg. (nos.) |
|---|---|---|---|---|---|---|
| | | 6A *(001)* | 10A *(102)* | 16A *(103)* | 20A *(104)* | |
| 3LD4 ___ 1XJ40-0RC0 | 1P 10W | 1120.- | 1850.- | 3400.- | 4580.- | 1 |

## Multistep 11 Way without OFF




| Type# | Description | Unit LP* ₹ | | | | Std. pkg. (nos.) |
|---|---|---|---|---|---|---|
| | | 6A *(001)* | 10A *(102)* | 16A *(103)* | 20A *(104)* | |
| 3LD4 ___ 1YK40-0RC0 | 1P 11W | 1160.- | 1885.- | 3665.- | 4835.- | 1 |

## Multistep 12 Way without OFF




| Type# | Description | Unit LP* ₹ | | | | Std. pkg. (nos.) |
|---|---|---|---|---|---|---|
| | | 6A *(001)* | 10A *(102)* | 16A *(103)* | 20A *(104)* | |
| 3LD4 ___ 1ZL40-0RC0 | 1P 12W | 1270.- | 1930.- | 3810.- | 4890.- | 1 |

# Fill in the 5th, 6th & 7th of the type nos with the digits in () to get complete MLFB
e.g. for 6A 1 Pole Multistep 4 Way without OFF the complete type no will be 3LD4-***001***1RC40-0RC0

* LP - List Price






# SENTRON measuring devices

## A comprehensive portfolio for all your energy management needs

- Precise, accurate and reliable measurement
- Scalability
- Cyber Security
- Various communication protocols

SIEMENS

# Energy Management System

## (A) Hardware Solutions

## Complete Range of Power Monitoring Devices for LV Networks




**PAC 3120: Cost Effective Solution for digital measurement**

- Display of instantaneous, maximum and minimum values
- Measurement of Active & Reactive Power (Import / Export / Net)
- CT polarity reversal correction from the device

**PAC 3220: Specialist solution for precise energy data capture**

- Dual Metering function
- Dual ethernet interface for MODBUS TCP communication
- Optional communication over PROFIBUS DP and PROFINET

**PAC 4220: Professional solution for communication and monitoring**

- Integrated gateway functionality for MODBUS RTU devices
- Reliable event recording with battery backup
- Measurement up to 63rd I and V harmonics

| Description | Type | Unit LP* ₹ |
|---|---|---|
| **PAC 3120** with integrated RS 485 port for MODBUS RTU<br>Class 0.5 accuracy, screw terminals<br>AC/DC wide voltage power supply<br>100 ... 250 V ±10% 50/60Hz | **7KM3120-0BA01-1DA0#** | **POR** |
| **PAC 3220** with integrated dual ethernet port for MODBUS TCP<br>Class 0.5 accuracy, screw terminals<br>With AC/DC wide voltage power supply<br>100 ... 250 V ±10% 50/60Hz | **7KM3220-0BA01-1DA0#** | **POR** |
| **PAC 4220** with integrated ethernet port for MODBUS TCP<br>Class 0.2s accuracy, screw terminals<br>With AC/DC wide voltage power supply<br>95...240V AC ±10%, 50/60Hz,<br>110...340V DC ±10% | **7KM4220-0BA01-1EA0#** | **POR** |

### PAC EXPANSION Modules




**7KM PAC 3220**



**7KM PAC4220**



**MODBUS RTU**



**PROFINET**



**PROFIBUS DP**



**I(N), I(Diff), Analog**



**PAC 4DI/2DO**

### Expansion Modules (for PAC3220 and PAC4220)

| Description | Type | Unit LP * ₹ |
|---|---|---|
| PROFIBUS DP expansion module | **7KM9300-0AB01-0AA0** | **POR** |
| RS485 expansion module for MODBUS RTU | **7KM9300-0AM00-0AA0** | **POR** |
| Switched Ethernet PROFINET V3 expansion module | **7KM9300-0AE02-0AA0** | **POR** |
| Digital Expansion Module 4DI/2DO$ | **7KM9200-0AB00-0AA0** | **POR** |
| Analog Expansion Module | **7KM9200-0AD00-0AA0** | **POR** |

# For extra low DC voltage (22 ... 65 V DC ± 10 %) option, please contact your nearest Siemens Sales Office.

$ Maximum 2 nos.can be connected if communication expansion module is not connected.
For exact configuration, please contact your nearest Siemens Sales Office.

## (B) Software Solution

| Description | Unit LP* ₹ |
|---|---|
| SENTRON powermanager:<br>Complete Energy Management Software | **POR** |



POR: Price On Request

Std. Pkg. = 1 unit

* LP - List Price

**Easy installation**
DIN rail mounting

**Plug & operate**
low engineering effort

**Energy monitoring**
base for ISO 50001
compliant with ISO50001



**Condition monitoring**
predictive maintenance

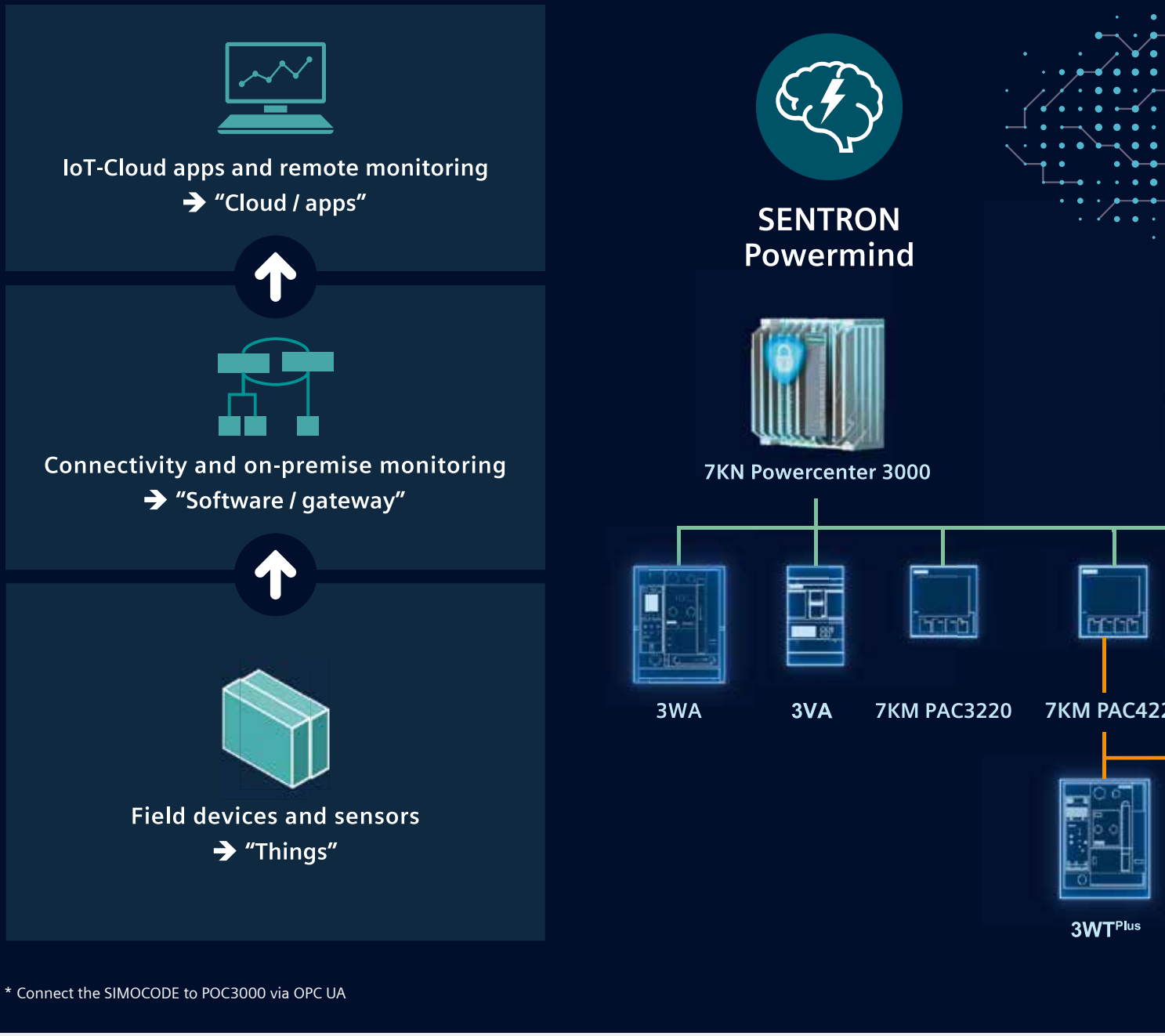
**Alarming & notifications**
fast fault localization

**Secure access**
comprehensive security concept

# SENTRON Powercenter 3000

**Your easy entry into power and condition monitoring**

SIEMENS




* Connect the SIMOCODE to POC3000 via OPC UA

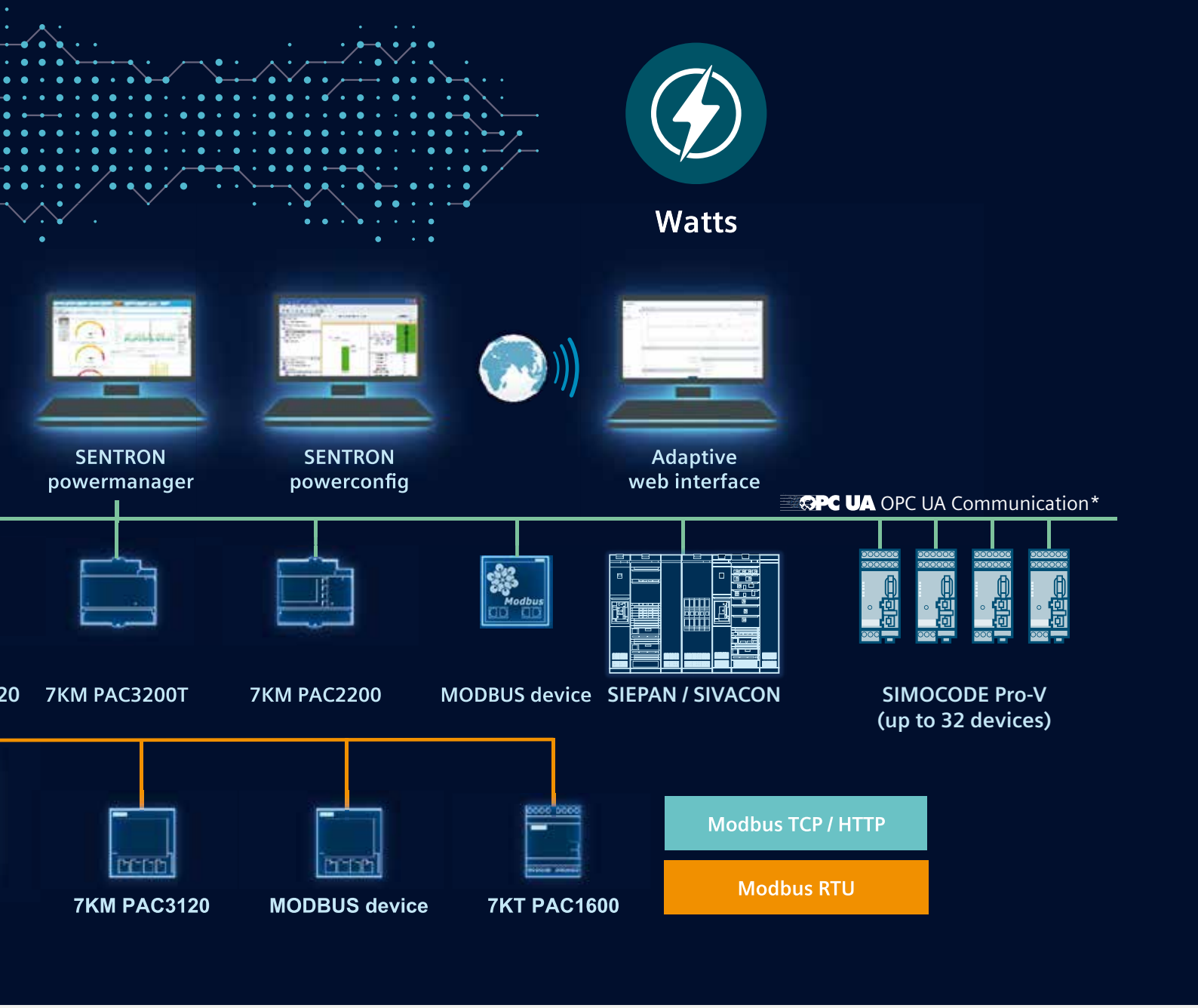
# SENTRON Digitalization Solution

## Sustainability through energy and resource efficiency

### Secure. Scalable. Customizable.

Turn your LV Panels into IoT enabled digital switchboards with benefits like:

- On-site or cloud-based data visualization and analysis
- Fulfill regulatory requirements (e.g., ISO 50001)
- Energy transparency and efficiency without compromising security
- Reduce unplanned downtime with condition monitoring


Watts
SENTRON powermanager
SENTRON powerconfig
Adaptive web interface
OPC UA OPC UA Communication*
20
7KM PAC3200T
7KM PAC2200
MODBUS device
SIEPAN / SIVACON
SIMOCODE Pro-V (up to 32 devices)
7KM PAC3120
MODBUS device
7KT PAC1600
Modbus TCP / HTTP
Modbus RTU

SIEMENS

# DIN Rail Mounted Meters for energy monitoring in Infra and Building Applications

| Description | Type | Unit LP* ₹ |
|---|---|---|
| **PAC 2200** DIN rail meter with integrated RS 485 port for MODBUS RTU 65A direct connection Class 1 accuracy | **7KM2200-2EA40-1DA1** | **POR** |
| **PAC 2200** DIN rail meter with integrated ethernet port for MODBUS TCP 65A direct connection Class 1 accuracy | **7KM2200-2EA40-1EA1** | **POR** |
| **PAC3200T** DIN rail meter with integrated ethernet port for MODBUS TCP High accuracy of class 0.5 Without display | **7KM3200-0CA01-1AA0** | **POR** |

POR: Price On Request

Std. Pkg. = 1 unit

* LP - List Price

**PAC 2200 and PAC 3200T:**

Reliable and Easy energy monitoring for DIN rail Applications

- Compact design on standard mounting rail
- Integrated digital input (DI) and Digital output (DO)
- Integrated web server
- Neutral conductor current display
- THD Measurement








# SENTRON 7KT PAC 1600 DIN Rail mounted compact Energy Meters

- PAC 1600 range of single phase and three phase meters
- Space saving mounting by very slim construction
- Energy counters for active, reactive and apparent energy
- THD: Up to 15$^{th}$ harmonics



Sustainability

**Lower energy consumption and PUE with accurate energy monitoring**



# SENTRON 7KT PAC1200

## Multichannel current measuring system

### Scale sustainability impact by optimizing energy consumption



**Easy and effective data visualization**
- Modbus TCP/IP communication
- Simple configuration of system via powerconfig and web server
- Visualization of consumption via Webserver and Mobile App (Android /iOS)

**Easy scalability**
- Easy to Upgrade
- Scale up the system without any interruption or cumbersome wiring

**Energy Transparency**
- Targeted detection of power guzzlers
- Simultaneous display of power consumption and costs
- Ensures optimal power monitoring

**Modular and simple installation**
- Flexible sensor bars (3,6,9,12) and current sensors (40A, 63A) to record up to 96 circuits in one system
- Current sensors simply plug onto the sensor bars, eliminating extensive wiring

SIEMENS



# SMART 7KT

## Power Monitoring Devices

**Expanding the reach of technology**

SIEMENS

SMART 7KT

# Power Monitoring Devices

## SMART 7KT Discrete Panel Meter

### Accurate and easy visualization for all the basic measurements

- Tested accuracy as per IEC 61557-12 and IEC 62053
- RoHS compliant
- Modern aesthetics with soft touch keys
- Large LED (multicolored) display for easy visualization



| Description | Type | Unit LP ₹ |
|---|---|---|
| VAF meter | 7KT0120 | 5950.- |
| VA meter | 7KT0110 | 5465.- |
| 3 phase energy meter | 7KT0210 | 11860.- |

## SMART 7KT Multi Function Meter

### Broad range of uses in industry and infrastructure

- Tested accuracy as per IEC 61557-12 and IEC 62053
- RoHS compliant
- Graphical representation of current loading in the LCD display meters
- Modern aesthetics with soft touch keys
- Integrated Modbus RTU communication over RS 485
- Measurement of 30+ electrical parameters

### Multi Function Meter

| Description | Type | Unit LP ₹ |
|---|---|---|
| LCD Class 0.5s | 7KT0311 | 29250.- |
| LCD Class 1 | 7KT0310 | 24440.- |

### Basic Multi Function Meter

| Description | Type | Unit LP ₹ |
|---|---|---|
| Multi-line LED Class 1 | 7KT0308 | 18190.- |
| Single-line LED Class 1 | 7KT0307 | 12125.- |

POR: Price On Request
Std. Pkg. = 1 unit
* LP - List Price



# SMART 7KT Discrete DIN Meters

## Power monitoring devices for DIN mounted systems

- Tested accuracy as per IEC 61557-12 and IEC 62053
- Bright LCD display for ease of reading
- Easy mounting with click fit on DIN rails
- Integrated communication in 2MW makes the meter digitalization ready
- Modern aesthetics increases the visual appeal of the panel
- RoHS compliant



| Description | Type | Unit LP ₹ |
|---|---|---|
| Single Phase Class 1 Energy Meter | **7KT0010** | **7910.-** |

# SMART 7KT DC Energy Meter

## Power monitoring devices for DC applications

- Bi-direction (charging and discharging) current can be measured by the same device
- Time stamped data logging of events
- Load profile analysis
- Single meter measures energy consumption of four independent loads connected to one Voltage source.
- Configurable relay outputs for limit function, pulse output, alarm, etc.
- RoHS compliant



| Description | Type | Unit LP ₹ |
|---|---|---|
| Multichannel; Class 1; Main volt:10-60V DC; Aux volt: 60 - 300V AC/DC | **7KT0810** | **33005.-** |
| Multichannel; Class 1; Main volt:10-60V DC; Aux volt: 12 - 70V DC | **7KT0811** | |
| Multichannel; Class 1; Main volt:61 - 200V DC; Aux volt: 60 - 300V AC/DC | **7KT0820** | |
| Multichannel; Class 1; Main volt:61 - 200V DC; Aux volt:12 - 70V DC | **7KT0821** | |
| Multichannel; Class 1; Main volt:201 - 1000V DC; Aux volt: 60 - 300V AC/DC | **7KT0830** | |
| Multichannel; Class 1; Main volt:201 - 1000V DC; Aux volt: 12 - 70V DC | **7KT0831** | |

# Accessories (external shunt for DC meter)

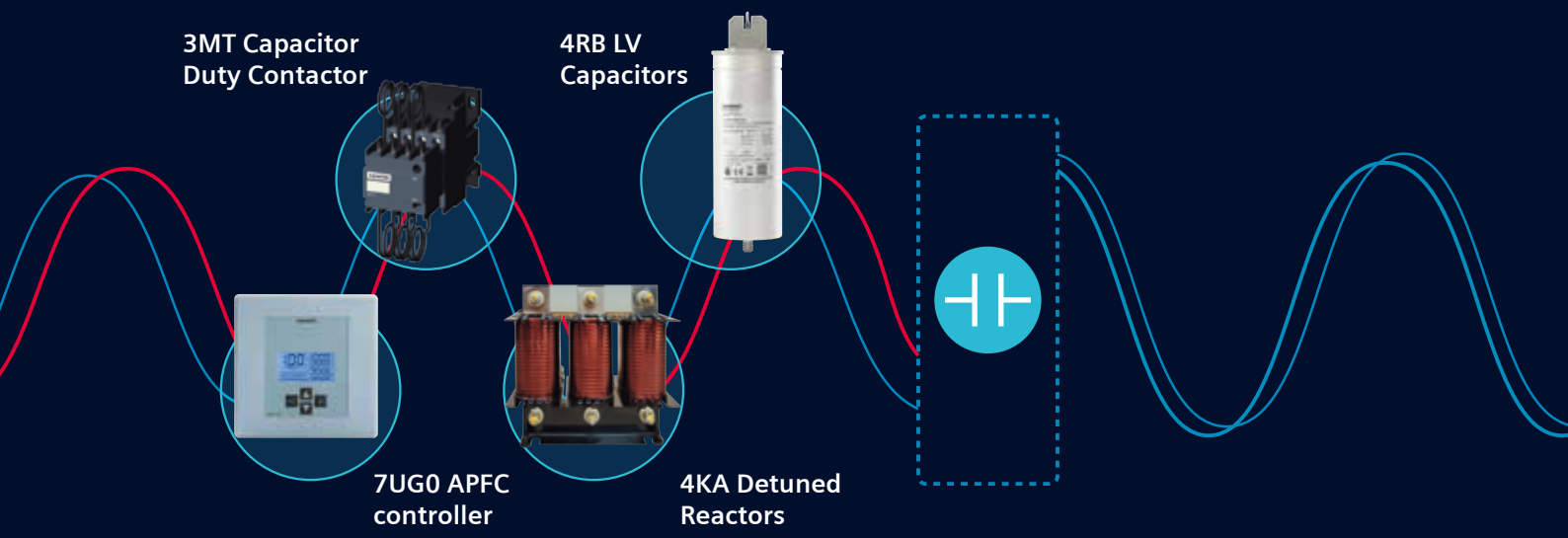
| Description | Type | Unit LP ₹ |
|---|---|---|
| External Shunt for DC meter/ 50A/75mV | **7KT0911** | **1330.-** |
| External Shunt for DC meter/ 100A/60mV | **7KT0922** | **1660.-** |
| External Shunt for DC meter/ 100A/75mV | **7KT0923** | **1660.-** |
| External Shunt for DC meter/ 150A/75mV | **7KT0924** | **2065.-** |
| External Shunt for DC meter/ 200A/60mV | **7KT0925** | **3670.-** |

POR: Price On Request

Std. Pkg. = 1 unit

* LP - List Price

# Power Factor Correction







SIEMENS

# SIECAP™ LV Power Capacitors



## ND (Normal Duty) - Al Can, MPP resin filled

- High pulse current withstand capability (upto 200.$I_N$)
- Long life expectancy upto 100000 hrs
- Self healing type
- Inbuilt over pressure disconnector
- Shock hazard protected SIGUT terminals

| Rated voltage V | kvar @ 50 Hz | Type | Unit LP* ₹ | Std. pkg. (nos.) |
|---|---|---|---|---|
| 440 | 5 | 4RB2050-3EE52-8K | 5295.- | 1 |
| | 6 | 4RB2060-3EE52-8K | 5655.- | 1 |
| | 7 | 4RB2070-3EE52-8K | 6600.- | 1 |
| | 7.5 | 4RB2075-3EE52-8K | 7620.- | 1 |
| | 8.3 | 4RB2083-3EE52-8K | 7570.- | 1 |
| | 10 | 4RB2100-3EE52-8K | 8675.- | 1 |
| | 12.5 | 4RB2125-3EE52-8K | 10185.- | 1 |
| | 15 | 4RB2150-3EE52-8K | 12215.- | 1 |
| | 20 | 4RB2200-3EE52-8K | 16225.- | 1 |
| | 20.8 | 4RB2208-3EE52-8K | 16920.- | 1 |
| | 25 | 4RB2250-3EE52-8K | 20325.- | 1 |
| | 28 | 4RB2280-3EE52-8K | 22760.- | 1 |
| | 30 | 4RB2300-3EE52-8K | 24405.- | 1 |

| Rated voltage V | kvar @ 50 Hz | Type | Unit LP* ₹ | Std. pkg. (nos.) |
|---|---|---|---|---|
| 480 | 5 | 4RB2050-3EJ52-8K | 4875.- | 1 |
| | 5.5 | 4RB2055-3EJ52-8K | 5395.- | 1 |
| | 10.4 | 4RB2104-3EJ52-8K | 9615.- | 1 |
| | 11.1 | 4RB2111-3EJ52-8K | 10450.- | 1 |
| | 12.5 | 4RB2125-3EJ52-8K | 10705.- | 1 |
| | 20.8 | 4RB2208-3EJ52-8K | 17800.- | 1 |
| | 25 | 4RB2250-3EJ52-8K | 21385.- | 1 |
| | 27.7 | 4RB2277-3EJ52-8K | 23710.- | 1 |
| | 30 | 4RB2300-3EJ52-8K | 25695.- | 1 |

**# Purchase MOQ for our dealers is in multiples of standard packing, please contact your nearest Siemens Sales Office for further details.**

For information on less than 5 kvar and other kvar ratings at different voltages and frequency and use with detuned reactors, please contact your nearest Siemens Sales Office.





Std. Pkg. = 1 unit

* LP - List Price

# SIECAP™ LV Power Capacitors



## HD (Heavy Duty) - Al Can, MPP resin filled

- High pulse current withstand capability (up to 250.$I_N$)
- Long life expectancy up to 130000 hrs
- Self healing type
- Inbuilt over pressure disconnector
- Shock hazard protected SIGUT terminals

| Rated voltage V | kvar @ 50 Hz | Type | Unit LP* ₹ | Std. pkg. (nos.) |
|---|---|---|---|---|
| 415 | 5 | 4RB2050-3EB53-8K | 6220.- | 1 |
| | 7.5 | 4RB2075-3EB53-8K | 9695.- | 1 |
| | 10.4 | 4RB2104-3EB53-8K | 11460.- | 1 |
| | 12.5 | 4RB2125-3EB53-8K | 12420.- | 1 |
| | 15 | 4RB2150-3EB53-8K | 14920.- | 1 |
| | 20 | 4RB2200-3EB53-8K | 19890.- | 1 |
| | 25 | 4RB2250-3EB53-8K | 24860.- | 1 |
| 440 | 5 | 4RB2050-3EE53-8K | 6395.- | 1 |
| | 7.5 | 4RB2075-3EE53-8K | 9650.- | 1 |
| | 10 | 4RB2100-3EE53-8K | 11005.- | 1 |
| | 12.5 | 4RB2125-3EE53-8K | 12420.- | 1 |
| | 15 | 4RB2150-3EE53-8K | 14920.- | 1 |
| | 20 | 4RB2200-3EE53-8K | 19890.- | 1 |
| | 25 | 4RB2250-3EE53-8K | 24860.- | 1 |
| | 30 | 4RB2300-3EE53-8K | 29810.- | 1 |

| Rated voltage V | kvar @ 50 Hz | Type | Unit LP* ₹ | Std. pkg. (nos.) |
|---|---|---|---|---|
| 480 | 5 | 4RB2050-3EJ53-8K | 6395.- | 1 |
| | 6.3 | 4RB2063-3EJ53-8K | 7220.- | 1 |
| | 10.4 | 4RB2104-3EJ53-8K | 10710.- | 1 |
| | 11 | 4RB2110-3EJ53-8K | 11340.- | 1 |
| | 12.5 | 4RB2125-3EJ53-8K | 12880.- | 1 |
| | 13.8 | 4RB2138-3EJ53-8K | 14215.- | 1 |
| | 15 | 4RB2150-3EJ53-8K | 15450.- | 1 |
| | 16.7 | 4RB2167-3EJ53-8K | 17190.- | 1 |
| | 18.7 | 4RB2187-3EJ53-8K | 19250.- | 1 |
| | 20 | 4RB2200-3EJ53-8K | 20615.- | 1 |
| | 22 | 4RB2220-3EJ53-8K | 22640.- | 1 |
| | 25 | 4RB2250-3EJ53-8K | 25735.- | 1 |
| | 28.1 | 4RB2281-3EJ53-8K | 28935.- | 1 |
| | 30 | 4RB2300-3EJ53-8K | 30870.- | 1 |
| 525 | 5 | 4RB2050-3FC53-8K | 6600.- | 1 |
| | 6.3 | 4RB2063-3FC53-8K | 8000.- | 1 |
| | 8.3 | 4RB2083-3FC53-8K | 9735.- | 1 |
| | 10.4 | 4RB2104-3FC53-8K | 11075.- | 1 |
| | 12.5 | 4RB2125-3FC53-8K | 13325.- | 1 |
| | 13.2 | 4RB2132-3FC53-8K | 14065.- | 1 |
| | 15 | 4RB2150-3FC53-8K | 15970.- | 1 |
| | 16.7 | 4RB2167-3FC53-8K | 17815.- | 1 |
| | 20 | 4RB2200-3FC53-8K | 21295.- | 1 |
| | 25 | 4RB2250-3FC53-8K | 26615.- | 1 |
| | 26.5 | 4RB2265-3FC53-8K | 28225.- | 1 |
| | 30 | 4RB2300-3FC53-8K | 31965.- | 1 |
| | 33.1 | 4RB2331-3FC53-8K | 35250.- | 1 |

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Std. Pkg. = 1 unit

* LP - List Price

# SIECAP™ LV Power Capacitors



## SHD (Super Heavy Duty) - Al Can, MPP resin filled

- High pulse current withstand capability (upto 500.$I_N$)
- Long life expectancy upto 200000 hrs
- Self healing type
- Inbuilt over pressure disconnector
- Shock hazard protected SIGUT terminals

| Rated voltage V | kvar @ 50 Hz | Type | Unit LP* ₹ | Std. pkg. (nos.) |
|---|---|---|---|---|
| 415 | 5 | 4RB1050-3EB50-8K | 9250.- | 1 |
| | 6.3 | 4RB1063-3EB50-8K | 11540.- | 1 |
| | 7.5 | 4RB1075-3EB50-8K | 13745.- | 1 |
| | 10.4 | 4RB1104-3EB50-8K | 12710.- | 1 |
| | 12.5 | 4RB1125-3EB50-8K | 15055.- | 1 |
| | 15 | 4RB1150-3EB50-8K | 18070.- | 1 |
| | 20 | 4RB1200-3EB50-8K | 24100.- | 1 |
| | 25 | 4RB1250-3EB50-8K | 30120.- | 1 |
| | 28.1 | 4RB1281-3EB50-8K | 33830.- | 1 |
| | 30 | 4RB1300-3EB50-8K | 36140.- | 1 |
| | 33 | 4RB1330-3EB50-8K | 39760.- | 1 |
| 440 | 5 | 4RB1050-3EE50-8K | 9000.- | 1 |
| | 7.5 | 4RB1075-3EE50-8K | 13680.- | 1 |
| | 10 | 4RB1100-3EE50-8K | 12230.- | 1 |
| | 10.4 | 4RB1104-3EE50-8K | 12710.- | 1 |
| | 12.5 | 4RB1125-3EE50-8K | 15055.- | 1 |
| | 15 | 4RB1150-3EE50-8K | 18070.- | 1 |
| | 16.7 | 4RB1167-3EE50-8K | 20120.- | 1 |
| | 20 | 4RB1200-3EE50-8K | 24100.- | 1 |
| | 25 | 4RB1250-3EE50-8K | 30120.- | 1 |
| | 28.1 | 4RB1281-3EE50-8K | 33830.- | 1 |
| | 30 | 4RB1300-3EE50-8K | 36140.- | 1 |
| | 33.1 | 4RB1331-3EE50-8K | 39865.- | 1 |
| 480 | 5 | 4RB1050-3EJ50-8K | 9605.- | 1 |
| | 6.3 | 4RB1063-3EJ50-8K | 11480.- | 1 |
| | 8.3 | 4RB1083-3EJ50-8K | 11155.- | 1 |
| | 10.4 | 4RB1104-3EJ50-8K | 12295.- | 1 |
| | 11 | 4RB1111-3EJ50-8K | 13740.- | 1 |
| | 12.5 | 4RB1125-3EJ50-8K | 15600.- | 1 |
| | 13.8 | 4RB1138-3EJ50-8K | 17230.- | 1 |
| | 15 | 4RB1150-3EJ50-8K | 18725.- | 1 |
| | 16.7 | 4RB1167-3EJ50-8K | 20830.- | 1 |
| | 18.7 | 4RB1187-3EJ50-8K | 23330.- | 1 |
| | 20 | 4RB1200-3EJ50-8K | 24965.- | 1 |
| | 22 | 4RB1220-3EJ50-8K | 27440.- | 1 |
| | 25 | 4RB1250-3EJ50-8K | 31165.- | 1 |
| | 28.1 | 4RB1281-3EJ50-8K | 35055.- | 1 |
| | 30 | 4RB1300-3EJ50-8K | 37415.- | 1 |
| | 31 | 4RB1310-3EJ50-8K | 38675.- | 1 |
| | 33 | 4RB1330-3EJ50-8K | 41185.- | 1 |

| Rated voltage V | kvar @ 50 Hz | Type | Unit LP* ₹ | Std. pkg. (nos.) |
|---|---|---|---|---|
| 525 | 5 | 4RB1050-3FC50-8K | 9775.- | 1 |
| | 6.3 | 4RB1063-3FC50-8K | 11480.- | 1 |
| | 8.3 | 4RB1083-3FC50-8K | 11150.- | 1 |
| | 10.4 | 4RB1104-3FC50-8K | 12295.- | 1 |
| | 12.5 | 4RB1125-3FC50-8K | 16135.- | 1 |
| | 13.2 | 4RB1132-3FC50-8K | 17040.- | 1 |
| | 15 | 4RB1150-3FC50-8K | 19355.- | 1 |
| | 16.7 | 4RB1167-3FC50-8K | 21570.- | 1 |
| | 20 | 4RB1200-3FC50-8K | 25800.- | 1 |
| | 25 | 4RB1250-3FC50-8K | 32270.- | 1 |
| | 26.5 | 4RB1265-3FC50-8K | 34210.- | 1 |
| | 30 | 4RB1300-3FC50-8K | 38730.- | 1 |
| | 33.1 | 4RB1331-3FC50-8K | 42720.- | 1 |
| 690 | 5.3 | 4RB1053-3GK50-8K | 10585.- | 1 |
| | 6.9 | 4RB1068-3GK50-8K | 13145.- | 1 |
| | 10.4 | 4RB1104-3GK50-8K | 12710.- | 1 |
| | 12.5 | 4RB1125-3GK50-8K | 16680.- | 1 |
| | 14.6 | 4RB1146-3GK50-8K | 19480.- | 1 |
| | 20 | 4RB1200-3GK50-8K | 26670.- | 1 |
| | 25 | 4RB1250-3GK50-8K | 33350.- | 1 |

**# Purchase MOQ for our dealers is in multiples of standard packing, please contact your nearest Siemens Sales Office for further details**

For information on less than 5 kvar and other kvar ratings at different voltages and frequency and use with detuned reactors, please contact your nearest Siemens Sales Office.

Std. Pkg. = 1 unit

* LP - List Price

# Harmonics filter

## Detuned reactor

**Features**

- Insulation class H
- High linearity
- Temperature control via micro switch
- Low losses and low noise

### Copper Detuned Reactors

| Bank size | Detuning factor | Type | Unit LP* ₹ |
|---|---|---|---|
| 5kvar | 5.67% | **4KA1220-1AC01-0AA0** | **53115.-** |
| 10kvar | 5.67% | **4KA1220-3AC01-0AA0** | **59925.-** |
| 12.5kvar | 5.67% | **4KA1220-4AC01-0AA0** | **65600.-** |
| 15kvar | 5.67% | **4KA1220-5AC01-0AA0** | **87555.-** |
| 20kvar | 5.67% | **4KA1220-6AC01-0AA0** | **91155.-** |
| 25kvar | 5.67% | **4KA1220-7AC01-0AA0** | **93120.-** |
| 5kvar | 7% | **4KA1220-1AA01-0AA0** | **40775.-** |
| 10kvar | 7% | **4KA1220-3AA01-0AA0** | **55945.-** |
| 12.5kvar | 7% | **4KA1220-4AA01-0AA0** | **60400.-** |
| 15kvar | 7% | **4KA1220-5AA01-0AA0** | **69740.-** |
| 20kvar | 7% | **4KA1220-6AA01-0AA0** | **74290.-** |
| 25kvar | 7% | **4KA1220-7AA01-0AA0** | **78180.-** |
| 50kvar | 7% | **4KA1220-2BA01-0AA0** | **139290.-** |
| 75kvar | 7% | **4KA1220-3BA03-0AA0** | **195345.-** |
| 100kvar | 7% | **4KA1220-4BA03-0AA0** | **245880.-** |
| 5kvar | 14% | **4KA1220-1AB01-0AA0** | **53690.-** |
| 12.5kvar | 14% | **4KA1220-4AB01-0AA0** | **110955.-** |
| 15kvar | 14% | **4KA1220-5AB01-0AA0** | **105520.-** |
| 20kvar | 14% | **4KA1220-6AB01-0AA0** | **129775.-** |
| 25kvar | 14% | **4KA1220-7AB01-0AA0** | **155290.-** |
| 50kvar | 14% | **4KA1220-2BB01-0AA0** | **254190.-** |
| 75kvar | 14% | **4KA1220-3BB03-0AA0** | **418190.-** |
| 100kvar | 14% | **4KA1220-4BB03-0AA0** | **502365.-** |

### Aluminium Detuned Reactors

| Bank size | Detuning factor | Type | Unit LP* ₹ |
|---|---|---|---|
| 5kvar | 5.67% | **4KA1420-1AC01-0AA0** | **29350.-** |
| 10kvar | 5.67% | **4KA1420-3AC01-0AA0** | **38665.-** |
| 12.5kvar | 5.67% | **4KA1420-4AC01-0AA0** | **44220.-** |
| 15kvar | 5.67% | **4KA1420-5AC01-0AA0** | **51900.-** |
| 20kvar | 5.67% | **4KA1420-6AC01-0AA0** | **64540.-** |
| 25kvar | 5.67% | **4KA1420-7AC01-0AA0** | **66980.-** |
| 50kvar | 5.67% | **4KA1420-2BC01-0AA0** | **105255.-** |
| 5kvar | 7% | **4KA1420-1AA01-0AA0** | **32275.-** |
| 10kvar | 7% | **4KA1420-3AA01-0AA0** | **41540.-** |
| 12.5kvar | 7% | **4KA1420-4AA01-0AA0** | **45930.-** |
| 15kvar | 7% | **4KA1420-5AA01-0AA0** | **51765.-** |
| 20kvar | 7% | **4KA1420-6AA01-0AA0** | **55125.-** |
| 25kvar | 7% | **4KA1420-7AA01-0AA0** | **58965.-** |
| 50kvar | 7% | **4KA1420-2BA01-0AA0** | **101390.-** |
| 75kvar | 7% | **4KA1420-3BA03-0AA0** | **144005.-** |
| 100kvar | 7% | **4KA1420-4BA03-0AA0** | **180140.-** |
| 5kvar | 14% | **4KA1420-1AB01-0AA0** | **43090.-** |
| 10kvar | 14% | **4KA1420-3AB01-0AA0** | **73365.-** |
| 12.5kvar | 14% | **4KA1420-4AB01-0AA0** | **86995.-** |
| 15kvar | 14% | **4KA1420-5AB01-0AA0** | **91355.-** |
| 20kvar | 14% | **4KA1420-6AB01-0AA0** | **111115.-** |
| 25kvar | 14% | **4KA1420-7AB01-0AA0** | **126915.-** |
| 50kvar | 14% | **4KA1420-2BB01-0AA0** | **203505.-** |

Std. Pkg. = 1 unit

* LP - List Price



# 3MT7 Capacitor Duty Contactors

NEW

### Comprehensive Range

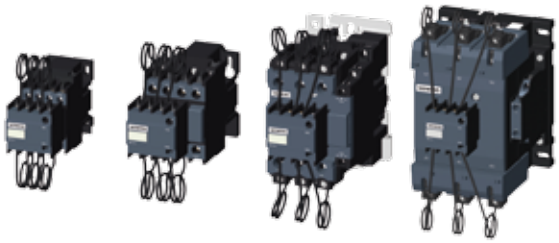
Available from 2.5kvar to 100kvar offering more options for accurate selection thus reducing the cost of installation.

### Reliable

The entire range is DIN rail mountable for quick installation and provides excellent damping of inrush current enhancing your system life.

### Safe

Confirming to UL508, CSA 22.2, IEC 60947-4-1 and IEC 60947-5-1 standards and is RoHS compliant.



| Capacitor kvar 415V AC, 3Ph, 50Hz | Built-in aux. contacts | Type@ | Unit LP ₹ | Built-in aux. contacts | Type@ | Unit LP ₹ | Std. pkg. (nos.) |
|---|---|---|---|---|---|---|---|
| NEW 2.5kvar | 1NO | 3MT70002JA106A.. | 4865.- | 1NC | 3MT70002JA016A.. | 4865.- | 1 |
| NEW 5kvar | 1NO | 3MT70005JA106A.. | 5390.- | 1NC | 3MT70005JA016A.. | 5390.- | 1 |
| NEW 7.5kvar | 1NO+1NC | 3MT70007JA116A.. | 6180.- | 2NC | 3MT70007JA026A.. | 6180.- | 1 |
| NEW 10kvar | 1NO+1NC | 3MT70010JA116A.. | 7385.- | 2NC | 3MT70010JA026A.. | 7385.- | 1 |
| NEW 12.5kvar | 1NO+1NC | 3MT70012JA116A.. | 7550.- | 2NC | 3MT70012JA026A.. | 7550.- | 1 |
| NEW 16.7kvar | 1NO+1NC | 3MT70016JA116A.. | 9995.- | 2NC | 3MT70016JA026A.. | 9995.- | 1 |
| NEW 20kvar | 1NO+1NC | 3MT70020JA116A.. | 11580.- | 2NC | 3MT70020JA026A.. | 11580.- | 1 |
| NEW 25kvar | 1NO+1NC | 3MT70025JA116A.. | 13275.- | 2NC | 3MT70025JA026A.. | 13275.- | 1 |
| NEW 33.3kvar | 1NO+2NC | 3MT70033JA126A.. | 20120.- | | | | 1 |
| NEW 40kvar | 1NO+2NC | 3MT70040JA126A.. | 32475.- | | | | 1 |
| NEW 50kvar | 1NO+2NC | 3MT70050JA126A.. | 36500.- | | | | 1 |
| 60kvar | 1NO+2NC | 3MT70060JA126A.. | 40405.- | | | | 1 |
| 80kvar | 1NO+2NC | 3MT70080JA126A.. | 49600.- | | | | 1 |
| 100kvar | 1NO+2NC | 3MT70100JA126A.. | 51550.- | | | | 1 |

@ Please enter coil codes from table below

### Coil for Conatctors 2.5 to 60 kvar

| Frequency | 24V AC | 110V AC | 220V AC | 240V AC | 415V AC |
|---|---|---|---|---|---|
| 50/60 Hz | C2 | G2 | N2 ■ | P2 ■ | R2 |

### Coil for Contactors 80 and 100 kvar

| Frequency | 110V AC | 220V AC | 240V AC | 415V AC |
|---|---|---|---|---|
| 50 Hz | F0 | M0 ■ | U0 ■ | V0 |

# Spares for 3MT7 Contactors

| Contactor Coils | Type@ | Unit LP ₹ | Std. pkg. (nos.) |
|---|---|---|---|
| 2.5kvar to 16.7kvar : 3MT70002 to 3MT70016 | 3MT72000L..9M1A | 1460.- | 1 |
| 20kvar to 25kvar : 3MT70020 to 3MT70025 | 3MT74000L..9M1A | 1715.- | 1 |
| 33.3kvar to 60kvar : 3MT70033 to 3MT70075 | 3MT76000L..9M1A | 4430.- | |
| 80kvar to 100kvar : 3MT70080 to 3MT70100 | 3MT78000L..9M1A | 4830.- | 1 |

| Spare side aux. contact block | Type | Unit LP ₹ | Std. pkg. (nos.) |
|---|---|---|---|
| 1NO+1NC | 3MT70110CL09M1A | 1085.- | 10 |
| 2NC | 3MT70200CL09M1A | 1085.- | 10 |

# Automatic Power Factor Correction Relay (APFC relay)

### Features

- Easy accessibility of parameters
- Universal control supply–optimizing the no of variants
- Automatic/ Linear/ rotational switching modes of banks
- Selectable 1A/ 5A current input
- LCD version with RS485 Communication MODBUS RTU Protocol
- Confirms to IEC60947-5-1, carry CE and RoHS Compliant



7UG0572-1GT20

| Description | | Type | Unit LP ₹ | Std. pkg. (nos.) |
|---|---|---|---|---|
| Automatic Power factor correction relay (APFC relay) | 8 Stage with LCD display | 7UG0571-1FT20 | 39235.- | 1 |
| | 12 Stage with LCD display | 7UG0572-1GT20 | 42030.- | 1 |
| | 12 stage with LED display | 7UG0572-1GT21 | 24030.- | 1 |

Std. Pkg. = 1 unit  * LP - List Price



# SIMARIS
# software tools

## SIMARIS suite: Easy access to SIMARIS planning tools

**Integrated and Safe planning of complete power distribution system**

**SIMARIS design**

Power distribution network planning

- Compatible to load projects of version 10.x/11.x/24.x/25.x /26.x
- From medium-voltage in-feed down to final distribution
- Based on calculations as per IS/ IEC standards
- With automatic selection of appropriate switchgear & components

**SIMARIS curves**

Visualization & evaluation of:

- Tripping characteristics
- Cut-off current characteristics
- Let-through energy curves

*Download FREE version from www.siemens.com/simaris

**www.siemens.com/simaris**



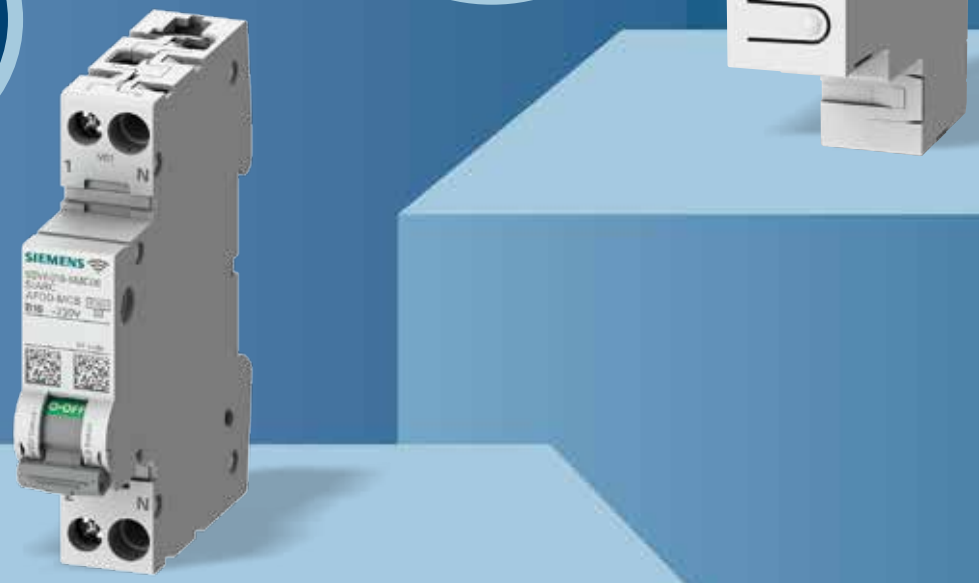

SIEMENS

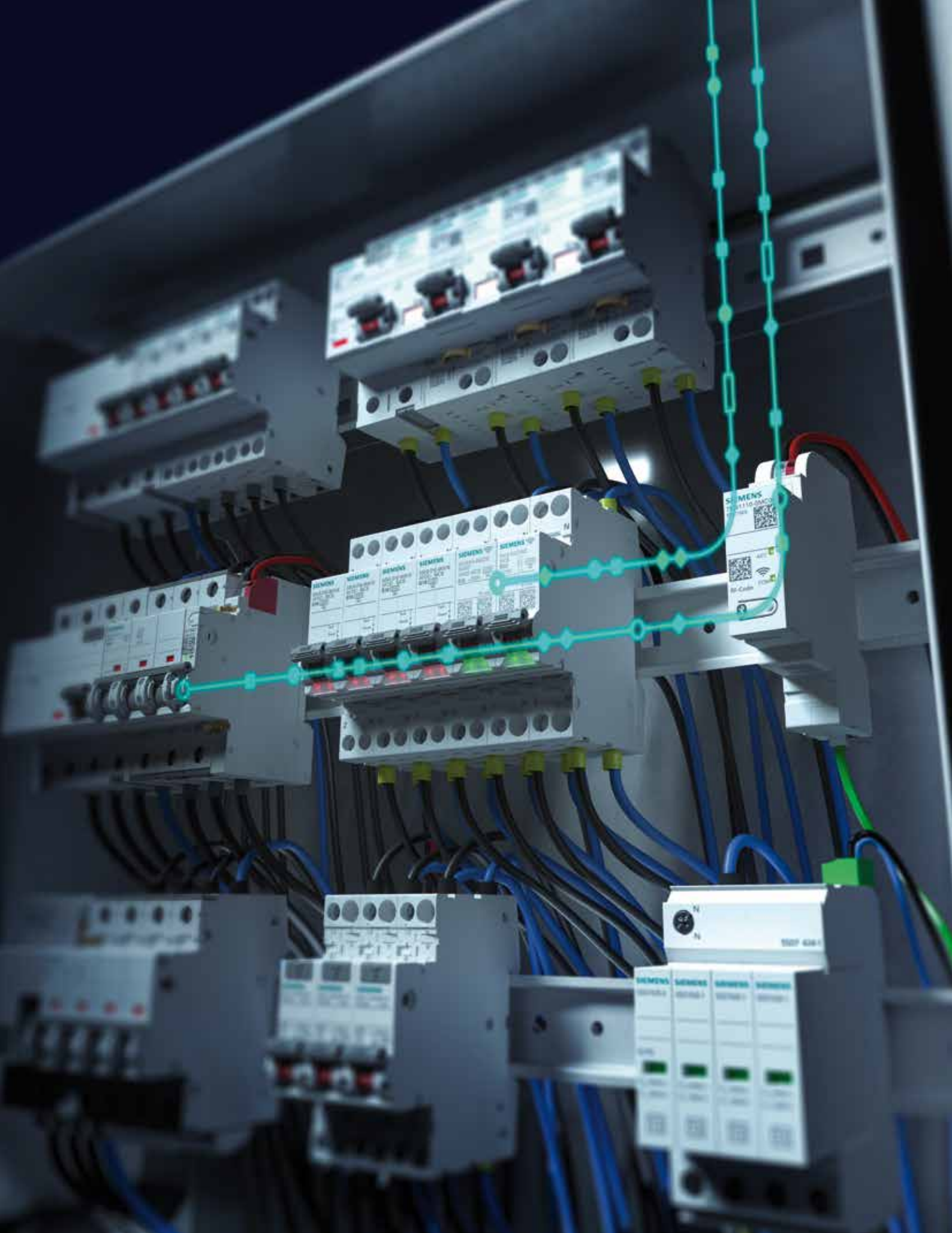
SIEMENS

# SENTRON
# Circuit protection devices
with measuring and communication function

SENTRON Powercenter 1100 data transceiver

SENTRON 5SV6 COM AFDD/MCB




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SIEMENS

THE POWER OF **SIMPLICITY**

# **SINOPLUS** 5TJ Miniature Circuit Breakers

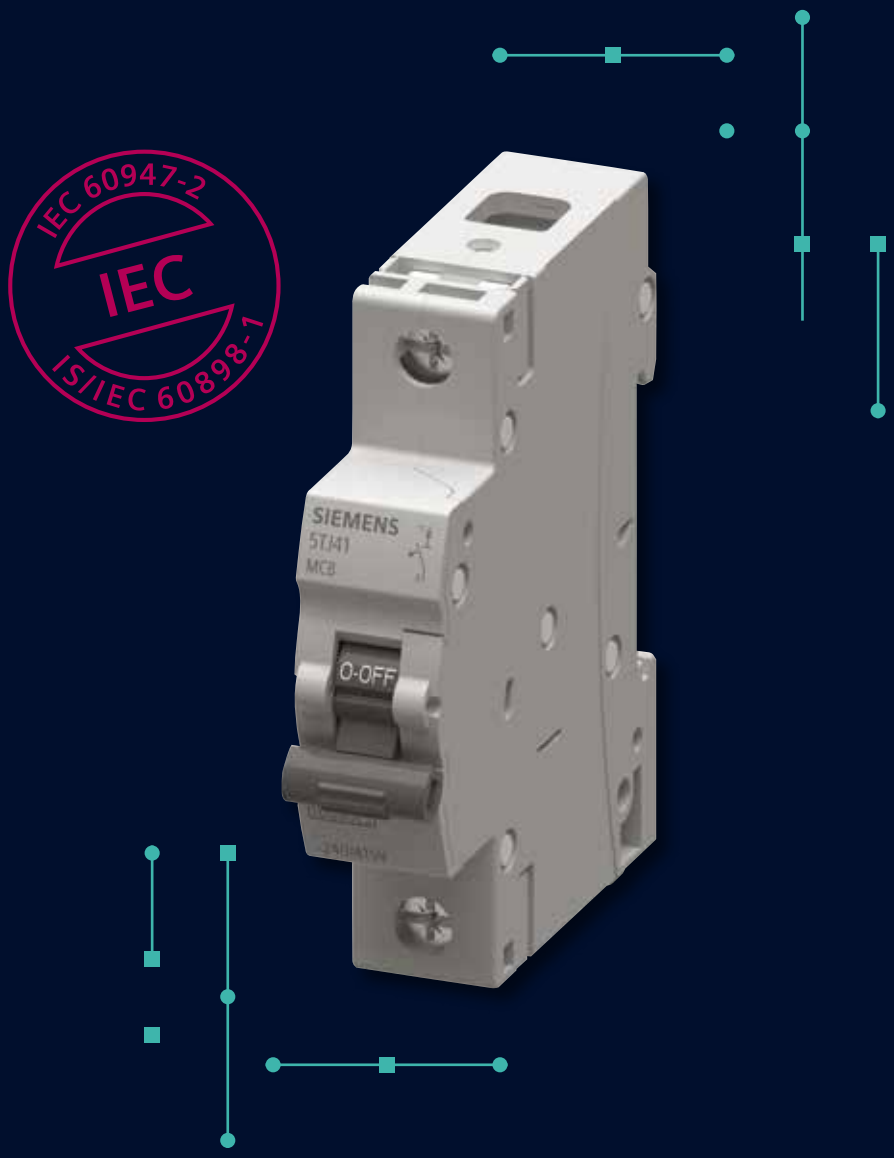
NEW

**IEC** Safe
Complies with IEC standards

Comprehensive range
For various applications

Reliable
Siemens trusted quality

RoHS compliance
Environmentally friendly




SIEMENS

# Betagard Miniature Circuit Breakers Type 5SL6 and 5SL4

IS/IEC 60898 - 1
CM/L No. 2255548

- Standards: IS/IEC 60898-1:2002
- Voltage: Un 240/415V, 50...60Hz can be used in systems upto 60V DC for 1P and 110V DC for 2P &
- With ISI marking: CM/L No. 2255548

| | $I_n$ A | MW# | 7500A | | 10000A | Std. Pkg. (Nos.) |
|---|---|---|---|---|---|---|
| | | | Characteristic B | Characteristic C | | |
| 1P, 240/415 V AC  | 0.5 | 1 | – | 5SL61057RC | 5SL41057RC | 1/12 |
| | 1 | | – | 5SL61017RC | – | 1/12 |
| | 2 | | – | 5SL61027RC | 5SL41027RC | 1/12 |
| | 3 | | – | 5SL61037RC | 5SL41037RC | 1/12 |
| | 4 | | – | 5SL61047RC | 5SL41047RC | 1/12 |
| | 6 | | 5SL61066RC | 5SL61067RC | 5SL41067RC | 1/12 |
| | 8 | | – | 5SL61087RC | 5SL41087RC | 1/12 |
| | 10 | | 5SL61106RC | 5SL61107RC | 5SL41107RC | 1/12 |
| | 13 | | – | 5SL61137RC | 5SL41137RC | 1/12 |
| | 16 | | 5SL61166RC | 5SL61167RC | 5SL41167RC | 1/12 |
| | 20 | | 5SL61206RC | 5SL61207RC | 5SL41207RC | 1/12 |
| | 25 | | 5SL61256RC | 5SL61257RC | 5SL41257RC | 1/12 |
| | 32 | | 5SL61326RC | 5SL61327RC | 5SL41327RC | 1/12 |
| | 40 | | 5SL61406RC | 5SL61407RC | 5SL41407RC | 1/12 |
| | 50 | | 5SL61506RC | 5SL61507RC | 5SL41507RC | 1/12 |
| | 63 | | 5SL61636RC | 5SL61637RC | 5SL41637RC | 1/12 |
| 2P, 415 V AC  | 0.5 | 2 | – | 5SL62057RC | 5SL42057RC | 1/6 |
| | 1 | | – | 5SL62017RC | – | 1/6 |
| | 2 | | – | 5SL62027RC | 5SL42027RC | 1/6 |
| | 3 | | – | 5SL62037RC | 5SL42037RC | 1/6 |
| | 4 | | – | 5SL62047RC | 5SL42047RC | 1/6 |
| | 6 | | 5SL62066RC | 5SL62067RC | 5SL42067RC | 1/6 |
| | 8 | | – | 5SL62087RC | 5SL42087RC | 1/6 |
| | 10 | | 5SL62106RC | 5SL62107RC | 5SL42107RC | 1/6 |
| | 13 | | – | 5SL62137RC | 5SL42137RC | 1/6 |
| | 16 | | 5SL62166RC | 5SL62167RC | 5SL42167RC | 1/6 |
| | 20 | | 5SL62206RC | 5SL62207RC | 5SL42207RC | 1/6 |
| | 25 | | 5SL62256RC | 5SL62257RC | 5SL42257RC | 1/6 |
| | 32 | | 5SL62326RC | 5SL62327RC | 5SL42327RC | 1/6 |
| | 40 | | 5SL62406RC | 5SL62407RC | 5SL42407RC | 1/6 |
| | 50 | | 5SL62506RC | 5SL62507RC | 5SL42507RC | 1/6 |
| | 63 | | 5SL62636RC | 5SL62637RC | 5SL42637RC | 1/6 |
| 3P, 415 V AC  | 0.5 | 3 | – | 5SL63057RC | 5SL43057RC | 1/4 |
| | 1 | | – | 5SL63017RC | – | 1/4 |
| | 2 | | – | 5SL63027RC | 5SL43027RC | 1/4 |
| | 3 | | – | – | 5SL43037RC | 1/4 |
| | 4 | | – | 5SL63047RC | 5SL43047RC | 1/4 |
| | 6 | | 5SL63066RC | 5SL63067RC | 5SL43067RC | 1/4 |
| | 8 | | – | – | 5SL43087RC | 1/4 |
| | 10 | | 5SL63106RC | 5SL63107RC | 5SL43107RC | 1/4 |
| | 13 | | – | – | 5SL43137RC | 1/4 |
| | 16 | | 5SL63166RC | 5SL63167RC | 5SL43167RC | 1/4 |
| | 20 | | 5SL63206RC | 5SL63207RC | 5SL43207RC | 1/4 |
| | 25 | | 5SL63256RC | 5SL63257RC | 5SL43257RC | 1/4 |
| | 32 | | 5SL63326RC | 5SL63327RC | 5SL43327RC | 1/4 |
| | 40 | | 5SL63406RC | 5SL63407RC | 5SL43407RC | 1/4 |
| | 50 | | 5SL63506RC | 5SL63507RC | 5SL43507RC | 1/4 |
| | 63 | | 5SL63636RC | 5SL63637RC | 5SL43637RC | 1/4 |
| 4P, 415 V AC  | 0.5 | 4 | – | 5SL64057RC | 5SL44057RC | 1/3 |
| | 1 | | – | 5SL64017RC | – | 1/3 |
| | 2 | | – | 5SL64027RC | 5SL44027RC | 1/3 |
| | 3 | | – | – | 5SL44037RC | 1/3 |
| | 4 | | – | 5SL64047RC | 5SL44047RC | 1/3 |
| | 6 | | 5SL64066RC | 5SL64067RC | 5SL44067RC | 1/3 |
| | 8 | | – | – | 5SL44087RC | 1/3 |
| | 10 | | 5SL64106RC | 5SL64107RC | 5SL44107RC | 1/3 |
| | 13 | | – | – | 5SL44137RC | 1/3 |
| | 16 | | 5SL64166RC | 5SL64167RC | 5SL44167RC | 1/3 |
| | 20 | | 5SL64206RC | 5SL64207RC | 5SL44207RC | 1/3 |
| | 25 | | 5SL64256RC | 5SL64257RC | 5SL44257RC | 1/3 |
| | 32 | | 5SL64326RC | 5SL64327RC | 5SL44327RC | 1/3 |
| | 40 | | 5SL64406RC | 5SL64407RC | 5SL44407RC | 1/3 |
| | 50 | | 5SL64506RC | 5SL64507RC | 5SL44507RC | 1/3 |
| | 63 | | 5SL64636RC | 5SL64637RC | 5SL44637RC | 1/3 |

# 1 MW (Module Width) = 18 mm

& subject to application specific circuit connections. Please contact your nearest Siemens Sales Office.

Refer latest Electrical Installations from A to Z Price List for prices

# Betagard Circuit Breakers

**5SL7 Miniature circuit breaker**
- Standards: IS/IEC 60898-1
- Voltage: Un 240/415V, 50...60Hz
- Breaking capacity: upto 15kA
- With ISI marking: CM/L No. 2255548

IS/IEC 60898 - 1
CM/L No. 2255548

**5SL5 Circuit Breakers**
- Standards: IS/IEC 60947-2
- Voltage: 220V DC/1P & 440VDC/2P
- Breaking capacity: 10kA as per IS/IEC 60947-2

| | Rated current $I_n$ (A) | MW# | | Characteristic C | Characteristic D | | Characterestic C, DC | Std. Pkg. (Nos) |
|---|---|---|---|---|---|---|---|---|
|  | 0.5 | 1 | 1P, 240/415V AC | 5SL71057RC | 5SL71058RC | 1P, 220V DC | 5SL51057RC | 1/12 |
| | 1 | | | 5SL71017RC | 5SL71018RC | | 5SL51017RC | 1/12 |
| | 2 | | | 5SL71027RC | 5SL71028RC | | 5SL51027RC | 1/12 |
| | 3 | | | – | – | | 5SL51037RC | 1/12 |
| | 4 | | | 5SL71047RC | 5SL71048RC | | 5SL51047RC | 1/12 |
| | 6 | | | 5SL71067RC | 5SL71068RC | | 5SL51067RC | 1/12 |
| | 8 | | | – | – | | 5SL51087RC | 1/12 |
| | 10 | | | 5SL71107RC | 5SL71108RC | | 5SL51107RC | 1/12 |
| | 16 | | | 5SL71167RC | 5SL71168RC | | 5SL51167RC | 1/12 |
| | 20 | | | 5SL71207RC | 5SL71208RC | | 5SL51207RC | 1/12 |
| | 25 | | | 5SL71257RC | 5SL71258RC | | 5SL51257RC | 1/12 |
| | 32 | | | 5SL71327RC | 5SL71328RC | | 5SL51327RC | 1/12 |
| | 40 | | | 5SL71407RC | 5SL71408RC | | 5SL51407RC | 1/12 |
| | 50 | | | 5SL71507RC | 5SL71508RC | | 5SL51507RC | 1/12 |
| | 63 | | | 5SL71637RC | 5SL71638RC | | 5SL51637RC | 1/12 |
|  | 0.5 | 2 | 2P, 415V AC | 5SL72057RC | 5SL72058RC | 2P, 440V DC | 5SL52057RC | 1/6 |
| | 1 | | | 5SL72017RC | 5SL72018RC | | 5SL52017RC | 1/6 |
| | 2 | | | 5SL72027RC | 5SL72028RC | | 5SL52027RC | 1/6 |
| | 3 | | | – | – | | 5SL52037RC | 1/6 |
| | 4 | | | 5SL72047RC | 5SL72048RC | | 5SL52047RC | 1/6 |
| | 6 | | | 5SL72067RC | 5SL72068RC | | 5SL52067RC | 1/6 |
| | 8 | | | – | – | | 5SL52087RC | 1/6 |
| | 10 | | | 5SL72107RC | 5SL72108RC | | 5SL52107RC | 1/6 |
| | 16 | | | 5SL72167RC | 5SL72168RC | | 5SL52167RC | 1/6 |
| | 20 | | | 5SL72207RC | 5SL72208RC | | 5SL52207RC | 1/6 |
| | 25 | | | 5SL72257RC | 5SL72258RC | | 5SL52257RC | 1/6 |
| | 32 | | | 5SL72327RC | 5SL72328RC | | 5SL52327RC | 1/6 |
| | 40 | | | 5SL72407RC | 5SL72408RC | | 5SL52407RC | 1/6 |
| | 50 | | | 5SL72507RC | 5SL72508RC | | 5SL52507RC | 1/6 |
| | 63 | | | 5SL72637RC | 5SL72638RC | | 5SL52637RC | 1/6 |
|  | 0.5 | 3 | 3P, 415V AC | 5SL73057RC | 5SL73058RC | – | – | 1/4 |
| | 1 | | | 5SL73017RC | 5SL73018RC | | – | 1/4 |
| | 2 | | | 5SL73027RC | 5SL73028RC | | – | 1/4 |
| | 4 | | | 5SL73047RC | 5SL73048RC | | – | 1/4 |
| | 6 | | | 5SL73067RC | 5SL73068RC | | – | 1/4 |
| | 10 | | | 5SL73107RC | 5SL73108RC | | – | 1/4 |
| | 16 | | | 5SL73167RC | 5SL73168RC | | – | 1/4 |
| | 20 | | | 5SL73207RC | 5SL73208RC | | – | 1/4 |
| | 25 | | | 5SL73257RC | 5SL73258RC | | – | 1/4 |
| | 32 | | | 5SL73327RC | 5SL73328RC | | – | 1/4 |
| | 40 | | | 5SL73407RC | 5SL73408RC | | – | 1/4 |
| | 50 | | | 5SL73507RC | 5SL73508RC | | – | 1/4 |
| | 63 | | | 5SL73637RC | 5SL73638RC | | – | 1/4 |
|  | 0.5 | 4 | 4P, 415V AC | 5SL74057RC | 5SL74058RC | **4P, 880V DC*** | – | 1/3 |
| | 1 | | | 5SL74017RC | 5SL74018RC | | – | 1/3 |
| | 2 | | | 5SL74027RC | 5SL74028RC | | – | 1/3 |
| | 4 | | | 5SL74047RC | 5SL74048RC | | – | 1/3 |
| | 6 | | | 5SL74067RC | 5SL74068RC | | 5SL54067RC | 1/3 |
| | 10 | | | 5SL74107RC | 5SL74108RC | | 5SL54107RC | 1/3 |
| | 16 | | | 5SL74167RC | 5SL74168RC | | 5SL54167RC | 1/3 |
| | 20 | | | 5SL74207RC | 5SL74208RC | | – | 1/3 |
| | 25 | | | 5SL74257RC | 5SL74258RC | | 5SL54257RC | 1/3 |
| | 32 | | | 5SL74327RC | 5SL74328RC | | 5SL54327RC | 1/3 |
| | 40 | | | 5SL74407RC | 5SL74408RC | | 5SL54407RC | 1/3 |
| | 50 | | | 5SL74507RC | 5SL74508RC | | – | 1/3 |
| | 63 | | | 5SL74637RC | 5SL74638RC | | 5SL54637RC | 1/3 |

# 1 MW (Module Width) = 18 mm

Refer latest Electrical Installations from A to Z Price List for prices

* Maximum operational voltage 1000V DC



# Geared to act FAST!

## Siemens range of fuses

Fuses are the fastest & simplest current limiting devices, suitable for protection of lines, systems, devices in both distribution & control circuits.

Available in varied design - with a wide current range, multiple voltage ratings and high short circuit strength. Our fuses are perfectly equipped to minimize the effect of over currents, thus allowing you to protect property as well as lives.

Siemens Fuses offer:

- High switching capacity
- Compact Design
- Low Watt Losses

With Siemens fuses - protection is Easy, Safe and Reliable

**www.siemens.com/fuses**

SIEMENS

# HRC fuses (DIN) 3NA

- High Breaking capacity of 120kA
- Dual indication for fault detection
- CE marked
- Highly compact: upto 100A in size 000



## Upto 800A, 500V AC, S.C. breaking capacity 120kA

| Size | Rated current (A) | Type | Unit MRP@ ₹ | Std. pkg.** (nos.) |
|---|---|---|---|---|
| 000 | 2 | 3NA78020RC | 945.- | 1/6 |
| | 4 | 3NA78040RC | 945.- | 1/6 |
| | 6 | 3NA78010RC | 945.- | 1/6 |
| | 10 | 3NA78030RC | 945.- | 1/6 |
| | 16 | 3NA78050RC | 955.- | 1/6 |
| | 20 | 3NA78070RC | 955.- | 1/6 |
| | 25 | 3NA78100RC | 955.- | 1/6 |
| | 32 | 3NA78120RC | 955.- | 1/6 |
| | 40 | 3NA78170RC | 995.- | 1/6 |
| | 50 | 3NA78200RC | 995.- | 1/6 |
| | 63 | 3NA78220RC | 1110.- | 1/6 |
| | 80 | 3NA78240RC | 1225.- | 1/6 |
| | 100 | 3NA78300RC | 1225.- | 1/6 |
| 00 | 125 | 3NA78320RC | 1460.- | 1/6 |
| | 160 | 3NA78360RC | 1545.- | 1/6 |
| 1 | 50 | 3NA71200RC | 2110.- | 1/3 |
| | 63 | 3NA71220RC | 2110.- | 1/3 |
| | 80 | 3NA71240RC | 2110.- | 1/3 |
| | 100 | 3NA71300RC | 2110.- | 1/3 |
| | 125 | 3NA71320RC | 2210.- | 1/3 |
| | 160 | 3NA71360RC | 2265.- | 1/3 |
| | 200 | 3NA71400RC | 2265.- | 1/3 |
| | 224 | 3NA71420RC | 2370.- | 1/3 |
| | 250 | 3NA71440RC | 2555.- | 1/3 |
| 2 | 200 | 3NA72400RC | 3135.- | 1/3 |
| | 250 | 3NA72440RC | 3260.- | 1/3 |
| | 315 | 3NA72520RC | 3380.- | 1/3 |
| | 400* | 3NA72600RC | 3380.- | 1/3 |
| 3 | 315 | 3NA33520RC | 4805.- | 1/3 |
| | 400 | 3NA33600RC | 4805.- | 1/3 |
| | 500 | 3NA33650RC | 5370.- | 1/3 |
| | 630 | 3NA33720RC | 5505.- | 1/3 |
| | 800* | 3NA33754RC | 6700.- | 1/3 |

* 800A is rated at 415V AC

## Isolating links (DIN)

| Size | Rated current (A) | Type | Unit MRP@ ₹ | Std. pkg.** (nos.) |
|---|---|---|---|---|
| 00 | 160 | ■ 3NG1000 | 1070.- | 1 |
| 1 | 250 | ■ 3NG1250 | 1620.- | 1 |
| 2 | 400 | ■ 3NG1300 | 2630.- | 1 |
| 3 | 630 | ■ 3NG1400 | 2725.- | 1 |



## Fuse bases (DIN)

| Size | Rated current (A) | Suitable for fuse link type | Type | Unit MRP@ ₹ | Std. pkg.** (nos.) |
|---|---|---|---|---|---|
| 00/000 | 160 | 3NA7 8 | ■ 3NH3030-0RC (Screw-in) | 1325.- | 1/10 |
| 00/000 | 160 | 3NA7 8 | ■ 3NH3032-0RC (Plug in) | 1420.- | 1/10 |
| 1 | 250 | 3NA7 1 | ■ 3NH3230-0RC | 2655.- | 1/5 |
| 2 | 400 | 3NA7 2 | ■ 3NH3330-0RC | 3760.- | 1/5 |
| 3 | 630 | 3NA3 3 | ■ 3NH3430-0RC | 5420.- | 1/5 |
| 3 | 800 | 3NA3 3 | ■ 3NH3430-4RC | 6425.- | 1/5 |



## Fuse puller

| Description | Type | Unit MRP@ ₹ | Std. pkg.** (nos.) |
|---|---|---|---|
| Suitable for 3KL8 and all sizes of fuse links/isolating links | ■ 3NX1011 | 6385.- | 1 |
| Suitable only for fuse links and isolating links | 3NX1010 | 2660.- | 1 |



## Fuse & Fuse base for 1000A/1250A (IEC design)

| Size | Rating | Type | Unit LP* ₹ | Std. pkg.** (nos.) |
|---|---|---|---|---|
| 4 | 1000A | 3NA3480 | POR | 1/ 1 |
| 4 | 1250A | 3NA3482 | | 1/ 1 |
| 4 | 1250A | 3NH3530 Fuse base | | 1/ 1 |



## 690V AC, S.C. breaking capacity 120kA

| Size | Rated current (A) | Type | Unit MRP@ ₹ | Std. pkg.** (nos.) |
|---|---|---|---|---|
| 00 | 40 | 3NA78176RC | 1355.- | 1/6 |
| | 50 | 3NA78206RC | 1355.- | 1/6 |
| | 63 | 3NA78226RC | 1460.- | 1/6 |
| | 80 | 3NA78246RC | 1545.- | 1/6 |
| | 100 | 3NA78306RC | 1545.- | 1/6 |
| 1 | 125 | 3NA71326RC | 2715.- | 1/3 |
| | 160 | 3NA71366RC | 2810.- | 1/3 |
| | 200 | 3NA71406RC | 2810.- | 1/3 |
| 2 | 250 | 3NA72446RC | 3720.- | 1/3 |
| | 315 | 3NA72526RC | 4010.- | 1/3 |
| 3 | 400 | 3NA33606RC | 5185.- | 1/3 |
| | 425 | 3NA33626RC | 5965.- | 1/3 |
| | 500 | 3NA33656RC | 6375.- | 1/3 |

## 690V AC, S.C. breaking capacity 120kA

| Size | Rated current (A) | Type | Unit LP*₹ |
|---|---|---|---|
| 000 | 2A | 3NA78026 | POR |
| | 4A | 3NA78046 | |
| | 6A | 3NA78016 | |
| | 10A | 3NA78036 | |
| | 16A | 3NA78056 | |
| | 20A | 3NA78076 | |
| | 25A | 3NA78106 | |
| | 32A | 3NA78126 | |
| | 35A | 3NA78146 | |

** Purchase MOQ for our authorised dealers is in multiples of standard packing, please contact your nearest Siemens Sales Office for further details

POR: Price On Request

■ **Stock items** * LP - List Price @ MRP - Max. Retail Price

# 3NA6 Fuse with Insulated Gripping Lugs

NEW

**Enhancement in safety with high grade plastic cover plates.**

| | | | |
|---|---|---|---|
| IEC<br>**Safe**<br>Complies with IEC standards | **Ease of Maintenance**<br>Retrofitting at site | **Reliable**<br>Siemens trusted quality | RoHS<br>**RoHS**<br>Complies to RoHS directives |




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# Features and Benefits



- Enhanced safety with insulated gripping lugs, it will provide safety while operating.
- No special tools required enabling easy & fast installation.
- Effective & easy replacement as DIN sizes remain same as existing 3NA3 / 3NA7 fuses.
- RoHS compliant as material for gripping lugs is environment compliant.

# Selection & ordering data

**LV HRC fuses : 3NA6...-.RC 500V AC**

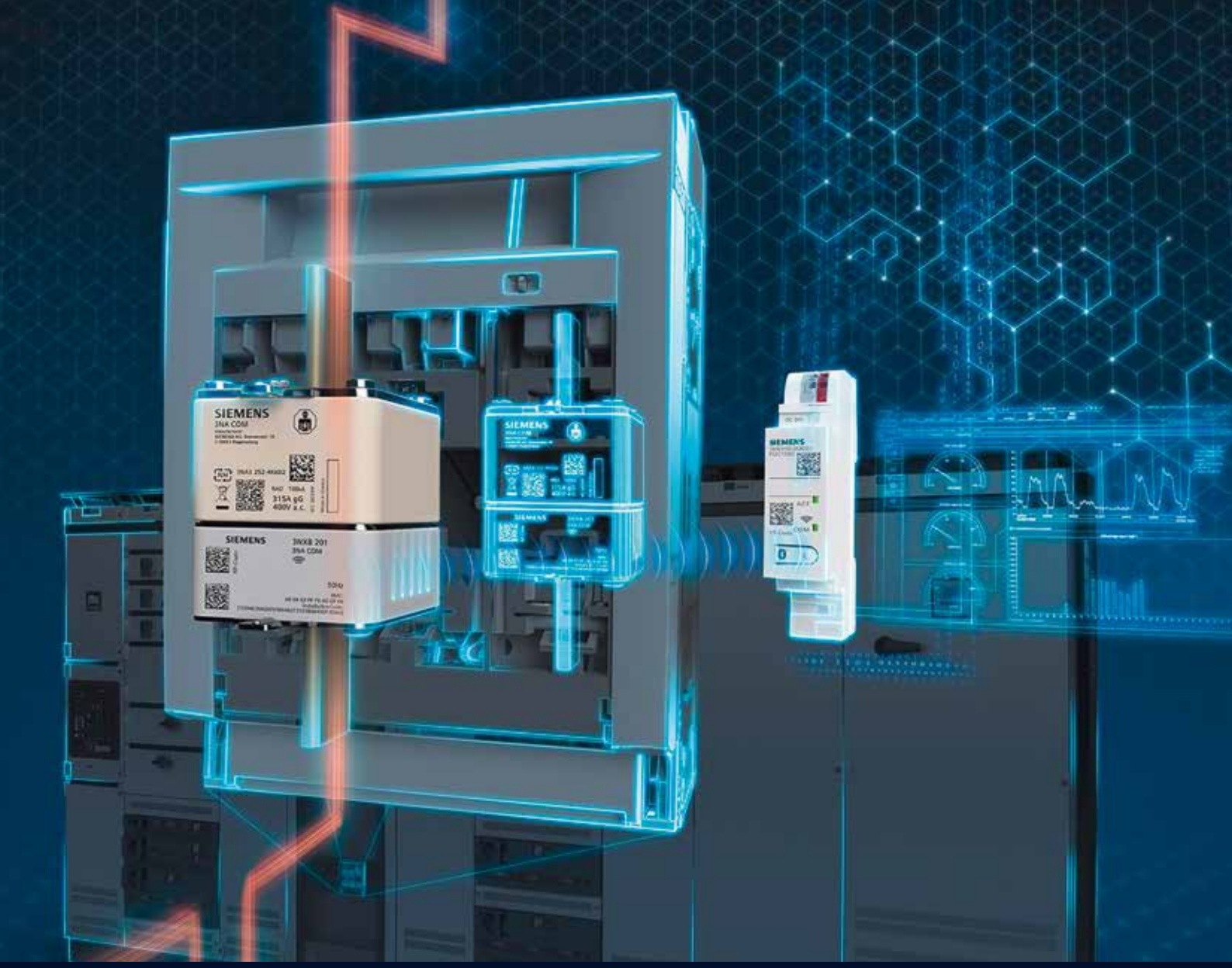
**LV HRC fuse links with Insulated gripping lugs**

- According to IS/IEC 60269-2-1
- Rated voltage (AC): 500V
- Utilization Category gG
- Rated short circuit breaking capacity: 120kA (AC)

| Fuses | DIN Size | Rated current | Rated voltage | Order No. | Unit LP* ₹ | Std. pkg. (nos.) |
|---|---|---|---|---|---|---|
|  | 1 | 50A | 500 V | **3NA61200RC** | **2110.-** | **3** |
| | | 63A | 500 V | **3NA61220RC** | **2110.-** | **3** |
| | | 80A | 500 V | **3NA61240RC** | **2110.-** | **3** |
| | | 100A | 500 V | **3NA61300RC** | **2110.-** | **3** |
| | | 125A | 500 V | **3NA61320RC** | **2210.-** | **3** |
| | | 160A | 500 V | **3NA61360RC** | **2265.-** | **3** |
| | | 200A | 500 V | **3NA61400RC** | **2265.-** | **3** |
| | | 224A | 500 V | **3NA61420RC** | **2370.-** | **3** |
| | | 250A | 500 V | **3NA61440RC** | **2555.-** | **3** |
|  | 2 | 200A | 500 V | **3NA62400RC** | **3135.-** | **3** |
| | | 250A | 500 V | **3NA62440RC** | **3260.-** | **3** |
| | | 315A | 500 V | **3NA62520RC** | **3380.-** | **3** |
| | | 400A | 500 V | **3NA62600RC** | **3380.-** | **3** |

* LP - List Price






# SENTRON 3NA COM LV HRC fuse link – safety through transparency

NEW

Optimize the operation of your plants with consistent data that's constantly available when and where you need it – whether in the cloud using higher-level analysis tools, via a PC using the SENTRON power manager power monitoring software, or directly at the plant via a mobile device using the SENTRON power config mobile app.

In the event of a fault, detecting and locating power failures are time-consuming and costly. Smart local grids are only as smart as their individual components.The measurement and communication-capable 3NA COM LV HRC fuse link makes transformer substations smart and enables them to be integrated in digital systems.

Communication Capable Fuse Link offers:

- Transparency for the local grid transformer station
- Easy retrofit
- Powerful interface for digitalization
- Sustainable and robust design

With Siemens fuses - protection is Easy, Safe and Reliable

**www.siemens.com/fuses**

SIEMENS

# SENTRON COM LV HRC fuses (DIN) 3NA

NEW

- 3NA COM LV HRC fuse links, Size 2 With communication and metering function
- Standards: In accordance with IEC 60269-1/-2; EN 60269-1/-2; DIN VDE 0636-1/-2
- Class gG, Size 2
- Breaking capacity 100kA (AC)
- CE Marked

### 3NA COM LV HRC fuse links with integrated Electronic Module

| Rated Voltage (V) | Rated Current (A) | Type | Utilization category | DIN Size | Unit LP* ₹ | Std. pkg.** (nos.) |
|---|---|---|---|---|---|---|
| 400 | 100 A | **3NA32304KK01** | gG | 2 | **POR** | **1** |
| | 125 A | **3NA32324KK01** | | | | |
| | 160 A | **3NA32364KK01** | | | | |
| | 200 A | **3NA32404KK01** | | | | |
| | 224 A | **3NA32424KK01** | | | | |
| | 250 A | **3NA32444KK01** | | | | |
| | 315 A | **3NA32524KK01** | | | | |



### 3NA COM LV HRC fuse links without# integrated Electronic Module

| Rated Voltage (V) | Rated Current (A) | Type | Utilization category | DIN Size | Unit LP* ₹ | Std. pkg.** (nos.) |
|---|---|---|---|---|---|---|
| 400 | 100 A | **3NA32304KK02** | gG | 2 | **POR** | **1** |
| | 125 A | **3NA32324KK02** | | | | |
| | 160 A | **3NA32364KK02** | | | | |
| | 200 A | **3NA32404KK02** | | | | |
| | 224 A | **3NA32424KK02** | | | | |
| | 250 A | **3NA32444KK02** | | | | |
| | 315 A | **3NA32524KK02** | | | | |



### Electrical module

| Type | Description | Unit LP* ₹ | Std. pkg.** (nos.) |
|---|---|---|---|
| **3NX8201** | Electronic Module for Smart Fuse | **POR** | **1** |



** Purchase MOQ for our authorised dealers is in multiples of standard packing, please contact your nearest Siemens Sales Office for further details

* LP - List Price POR: Price On Request

# For communication to be used with 3NX8201



# HRC fuses (BS) 3NW

- 2A-800A
- Rated at 415V AC/240V DC
- Breaking capacity 80kA (AC)



## Blade tag

| Rated current (A) | Type | Unit MRP* ₹ | Std. pkg.** (nos.) |
|---|---|---|---|
| 2 | ■ 3NWNS2 | 355.- | 20 |
| 4 | ■ 3NWNS4 | 355.- | 20 |
| 6 | ■ 3NWNS6 | 355.- | 20 |
| 10 | ■ 3NWNS10 | 355.- | 20 |
| 16 | ■ 3NWNS16 | 355.- | 20 |
| 20 | ■ 3NWNS20 | 420.- | 20 |
| 25 | ■ 3NWNS25 | 420.- | 20 |
| 32 | 3NWNS32 | 420.- | 20 |

## Offset tag

| Rated current (A) | Type | Unit MRP* ₹ | Std. pkg.** (nos.) |
|---|---|---|---|
| 2 | 3NWTIA2 | 505.- | 20 |
| 4 | 3NWTIA4 | 505.- | 20 |
| 6 | 3NWTIA6 | 505.- | 20 |
| 10 | ■ 3NWTIA10 | 570.- | 20 |
| 16 | ■ 3NWTIA16 | 570.- | 20 |
| 20 | ■ 3NWTIA20 | 570.- | 20 |
| 25 | ■ 3NWTIA25 | 570.- | 20 |
| 32 | ■ 3NWTIA32 | 570.- | 20 |
| 40 | 3NWTIS40 | 775.- | 20 |
| 50 | ■ 3NWTIS50 | 775.- | 20 |
| 63 | ■ 3NWTIS63 | 775.- | 20 |
| 80 | 3NWTCP80 | 1995.- | 10 |
| 100 | ■ 3NWTCP100 | 1995.- | 10 |
| 125 | 3NWTFP125 | 4040.- | 5 |
| 160 | 3NWTFP160 | 4040.- | 5 |
| 200 | 3NWTFP200 | 4040.- | 5 |

## Central tag

| Rated current (A) | Type | Unit MRP* ₹ | Std. pkg.** (nos.) |
|---|---|---|---|
| 80 | 3NWTC80 | 2150.- | 10 |
| 100 | 3NWTC100 | 2150.- | 10 |
| 125 | 3NWTF125 | 4430.- | 5 |
| 160 | 3NWTF160 | 4430.- | 5 |
| 200 | 3NWTF200 | 4430.- | 5 |
| 250 | 3NWTKF250 | 6120.- | 1 |
| 315 | 3NWTKF315 | 6120.- | 1 |
| 355 | 3NWTMF355 | 7125.- | 1 |
| 400 | 3NWTMF400 | 7125.- | 1 |
| 500 | 3NWTTM500 | 11195.- | 1 |
| 630 | 3NWTTM630 | 13635.- | 1 |
| 710 | 3NWTLM710 | 15575.- | 1 |
| 800 | 3NWTLM800 | 15575.- | 1 |

** Purchase MOQ for our authorised dealers is in multiples of standard packing, please contact your nearest Siemens Sales Office for further details

■ **Stock items**

* MRP - Maximum Retail Price

## Offset tag

| Rated current (A) | Type | Unit MRP* ₹ | Std. pkg.** (nos.) |
|---|---|---|---|
| 6 | 3NWTSA6 | 420.- | 20 |
| 10 | 3NWTSA10 | 420.- | 20 |
| 16 | 3NWTSA16 | 420.- | 20 |
| 20 | 3NWTSA20 | 420.- | 20 |
| 25 | 3NWTSA25 | 420.- | 20 |
| 32 | 3NWTSA32 | 420.- | 20 |
| 36 | 3NWTSS36 | 840.- | 20 |
| 40 | 3NWTSS40 | 840.- | 20 |
| 50 | 3NWTSS50 | 840.- | 20 |
| 63 | 3NWTSS63 | 840.- | 20 |
| 80 | 3NWTSDS80 | 1575.- | 20 |
| 100 | 3NWTSDS100 | 1575.- | 20 |
| 125 | 3NWTSFP125 | 1980.- | 5 |
| 160 | 3NWTSFP160 | 2155.- | 5 |
| 200 | 3NWTSFP200 | 1980.- | 5 |

## Central tag

| Rated current (A) | Type | Unit MRP* ₹ | Std. pkg.** (nos.) |
|---|---|---|---|
| 80 | 3NWTSDC80 | 1915.- | 10 |
| 100 | 3NWTSDC100 | 1915.- | 10 |
| 125 | 3NWTSF125 | 1995.- | 5 |
| 160 | 3NWTSF160 | 1995.- | 5 |
| 200 | 3NWTSF200 | 1995.- | 5 |
| 250 | 3NWTSK250 | 4790.- | 1 |
| 315 | 3NWTSK315 | 4790.- | 1 |
| 355 | 3NWTSMS355 | 8000.- | 1 |
| 400 | 3NWTSMS400 | 8000.- | 1 |
| 450 | 3NWTSTS450 | 6635.- | 1 |
| 500 | 3NWTSTS500 | 6635.- | 1 |
| 560 | 3NWTSLS560 | 12660.- | 1 |
| 630 | 3NWTSLS630 | 10740.- | 1 |
| 800 | 3NWTSLS800 | 15510.- | 1 |

## Fuse holders (for fuses type 3NW TIA, TSA, TIS, TSS, TSDS)

| Rated current (A) | Type | Unit MRP* ₹ | Std. pkg.** (nos.) |
|---|---|---|---|
| 32 | 3NWCM32F9 | 8255.- | 10 |
| 63 | 3NWCM63F9 | 9690.- | 10 |
| 100 | 3NWCM100F9 | 10695.- | 10 |

## Fuse holders (for fuses Type 3NW NS) & Isolating link

| Rated current (A) | Type | Unit MRP* ₹ | Std. pkg.** (nos.) |
|---|---|---|---|
| 20 | ■ 3NW20NNSF | 605.- | 10 |
| 32 | ■ 3NW32NNSF | 760.- | 10 |
| 32A (Iso. Link) | ■ 3NW32NNSL | 335.- | 10 |

**Please order in multiples of standard packing.**

# Fuses for semiconductor protection - SITOR 3NE / 3NC

- Current Range upto 2400A
- Operating voltage: 500V - 2500V AC
- Suitable for mounting in fuse base / SDF / busbars



### 3NE4 type

| Rated voltage (V) | Rated current (A) | Type | Utilization category | DIN size | Unit LP* ₹ | Std. pkg.** (nos.) |
|---|---|---|---|---|---|---|
| 1000 | 32 | ■ 3NE4101 | gR | 0 | 8010.- | 3 |
| | 40 | ■ 3NE4102 | gR | 0 | 8045.- | 3 |
| | 50 | ■ 3NE4117 | gR | 0 | 8435.- | 3 |
| | 80 | ■ 3NE4120 | aR | 0 | 9130.- | 3 |
| | 100 | ■ 3NE4121 | aR | 0 | 10000.- | 3 |
| | 125 | ■ 3NE4122 | aR | 0 | 10740.- | 3 |
| | 160 | ■ 3NE4124 | aR | 0 | 11840.- | 3 |



| Rated voltage (V) | Rated current (A) | Type | Utilization category | DIN size | Unit LP* ₹ | Std. pkg.** (nos.) |
|---|---|---|---|---|---|---|
| 800 | 250 | ■ 3NE43276 | aR | – | 17355.- | 1 |
| | 315 | ■ 3NE43306 | aR | – | 17925.- | 1 |
| | 450 | ■ 3NE43336 | aR | – | 18730.- | 1 |
| | 500 | ■ 3NE43346 | aR | – | 18875.- | 1 |
| | 710 | ■ 3NE43376 | aR | – | 21110.- | 1 |



### 3NE8 type[1)]
### 690 V AC

| Rated current (A) | Type | Utilization category | Size | Unit LP* ₹ | Std. pkg.** (nos.) |
|---|---|---|---|---|---|
| 25 | 3NE80151 | gR | 00 | 17005.- | 3 |
| 35 | 3NE80031 | gR | 00 | 17005.- | 3 |
| 50 | 3NE80171 | gR | 00 | 17005.- | 3 |
| 63 | 3NE80181 | gR | 00 | 17005.- | 3 |
| 80 | 3NE80201 | aR | 00 | 18855.- | 3 |
| 100 | 3NE80211 | aR | 00 | 19735.- | 3 |
| 125 | 3NE80221 | aR | 00 | 20035.- | 3 |
| 160 | 3NE80241 | aR | 00 | 21995.- | 3 |
| 200 | 3NE12252 | gR | 1 | 55610.- | 3 |
| 250 | 3NE12272 | gR | 1 | 57490.- | 3 |
| 315 | 3NE12302 | gR | 1 | 59465.- | 3 |
| 350 | 3NE13312 | gR | 2 | 78710.- | 3 |
| 400 | 3NE13322 | gR | 2 | 101095.- | 3 |
| 450 | 3NE13332 | gR | 2 | 84585.- | 3 |
| 500 | 3NE13342 | gR | 2 | 87900.- | 3 |
| 560 | 3NE14352 | gR | 3 | 109235.- | 3 |
| 630 | 3NE14362 | gR | 3 | 113325.- | 3 |
| 670 | 3NE14472 | gR | 3 | 115815.- | 3 |
| 710 | 3NE14372 | gR | 3 | 120765.- | 3 |
| 800 | 3NE14382 | gR | 3 | 129770.- | 3 |
| 850 | 3NE14482 | gR | 3 | 141260.- | 3 |

Note: For current ratings > 1600A ,Operating voltage > 2000V AC please contact your nearest Siemens Sales Office.

[1)] Suitable for mounting on fuse base / 3KL8 / 3NP1

** Purchase MOQ for our authorised dealers is in multiples of standard packing, please contact your nearest Siemens Sales Office for further details

■ **Stock items**

* LP - List Price

**Please order in multiples of standard packing.**





### 3NE9 type
### 600 V AC

| Rated current (A) | Type | Utilization category | Size | Unit LP* ₹ | Std. pkg.** (nos.) |
|---|---|---|---|---|---|
| 850 | 3NE94406 | gR | – | 94865.- | 3 |
| 1250 | 3NE9450 | aR | – | 89405.- | 3 |



### 3NE1 type[1)]
### 690 V AC

| Rated current (A) | Type | Utilization category | DIN Size | Unit LP* ₹ | Std. pkg.** (nos.) |
|---|---|---|---|---|---|
| 16 | 3NE18130 | gS | 000 | 20035.- | 3 |
| 20 | 3NE18140 | gS | 000 | 20035.- | 3 |
| 25 | 3NE18150 | gS | 000 | 20035.- | 3 |
| 35 | 3NE18030 | gS | 000 | 20035.- | 3 |
| 40 | 3NE18020 | gS | 000 | 20035.- | 3 |
| 50 | 3NE18170 | gS | 000 | 20035.- | 3 |
| 63 | 3NE18180 | gS | 000 | 20035.- | 3 |
| 80 | 3NE18200 | gS | 000 | 20035.- | 3 |
| 100 | 3NE10210 | gS | 00 | 25860.- | 3 |
| 125 | 3NE10220 | gS | 00 | 25860.- | 3 |
| 160 | 3NE12240 | gS | 1 | 61125.- | 3 |
| 200 | 3NE12250 | gS | 1 | 61125.- | 3 |
| 250 | 3NE12270 | gS | 1 | 64180.- | 3 |
| 315 | 3NE12300 | gS | 1 | 68830.- | 3 |
| 350 | 3NE13310 | gS | 2 | 85470.- | 3 |
| 400 | 3NE13320 | gS | 2 | 86205.- | 3 |
| 450 | 3NE13330 | gS | 2 | 86755.- | 3 |
| 500 | 3NE13340 | gS | 2 | 88035.- | 3 |
| 560 | 3NE14350 | gS | 3 | 88540.- | 3 |
| 630 | 3NE14360 | gS | 3 | 92355.- | 3 |
| 710 | 3NE14370 | gS | 3 | 98555.- | 3 |
| 800 | 3NE14380 | gS | 3 | 112530.- | 3 |



### 3NE8 type
### 690 V AC / 700V DC

| Rated current (A) | Type | Utilization category | Size | Unit LP* ₹ | Std. pkg.** (nos.) |
|---|---|---|---|---|---|
| 20 | 3NE87141 | gR | 000 | 18060.- | 10 |
| 25 | 3NE87151 | gR | 000 | 18060.- | 10 |
| 32 | 3NE87011 | gR | 000 | 18060.- | 10 |
| 40 | 3NE87021 | gR | 000 | 18060.- | 10 |
| 50 | 3NE87171 | gR | 000 | 18615.- | 10 |
| 63 | 3NE87181 | aR | 000 | 18615.- | 10 |
| 80 | 3NE87201 | aR | 000 | 19520.- | 10 |
| 100 | 3NE87211 | aR | 000 | 19520.- | 10 |
| 125 | 3NE87221 | aR | 000 | 17360.- | 10 |
| 160 | 3NE87241 | aR | 000 | 20265.- | 10 |
| 200 | 3NE87251 | aR | 000 | 20710.- | 10 |
| 250 | 3NE87271 | aR | 000 | 22490.- | 10 |
| 315 | 3NE87311 | aR | 000 | 29565.- | 10 |

# Fuses for semiconductor protection - SITOR 3NE / 3NC



### 3NE3 type
### 1000 V AC

| Rated current (A) | Type | Utilization category | DIN Size | Unit LP* ₹ | Std. pkg.** (nos.) |
|---|---|---|---|---|---|
| 100 | 3NE3221 | aR | 1 | 45510.- | 3 |
| 125 | 3NE3222 | aR | 1 | 46840.- | 3 |
| 160 | 3NE3224 | aR | 1 | 46840.- | 3 |
| 200 | 3NE3225 | aR | 1 | 51545.- | 3 |
| 250 | 3NE3227 | aR | 1 | 52900.- | 3 |
| 315 | 3NE32300B | aR | 1 | 55085.- | 3 |
| 350 | 3NE3231 | aR | 1 | 65400.- | 3 |
| 400 | 3NE32320B | aR | 1 | 70045.- | 3 |
| 450 | 3NE3233 | aR | 1 | 72555.- | 3 |
| 400 | 3NE33320B | aR | 2 | 70720.- | 3 |
| 450 | 3NE3333 | aR | 2 | 74480.- | 3 |
| 500 | 3NE33340B | aR | 2 | 75870.- | 3 |
| 560 | 3NE3335 | aR | 2 | 78740.- | 3 |
| 630 | 3NE3336 | aR | 2 | 82490.- | 3 |
| 710^ | 3NE33378 | aR | 2 | 112975.- | 3 |
| 800^ | 3NE33388 | aR | 2 | 116100.- | 3 |
| 900^ | 3NE33408 | aR | 2 | 138300.- | 3 |

| Rated current (A) | Type | Utilization category | DIN Size | Unit LP* ₹ | Std. pkg.** (nos.) |
|---|---|---|---|---|---|
| 630 | 3NC33361U | aR | 3 | POR | 1/3 |
| 710 | 3NC33371U | aR | 3 | | 1/3 |
| 800 | 3NC33381U | aR | 3 | | 1/3 |
| 900 | 3NC33401U | aR | 3 | | 1/3 |
| 1000 | 3NC33411U | aR | 3 | | 1/3 |
| 1100 | 3NC33421U | aR | 3 | | 1/3 |
| 1250 | 3NC33431U | aR | 3 | | 1/3 |

^ 710A: 900V AC; 800A: 800V AC; 900A: 690V AC



### 3NC type
### 690V AC

| Rated current (A) | Type | Utilization category | DIN Size | Unit LP* ₹ | Std. pkg.** (nos.) |
|---|---|---|---|---|---|
| 150 | 3NC84233C | gR | 3 | 104665.- | 3 |
| 200 | 3NC84253C | gR | 3 | 73035.- | 3 |
| 250 | 3NC84273C | gR | 3 | 83500.- | 3 |
| 350 | 3NC84313C | gR | 3 | 86100.- | 3 |
| 500 | 3NC84343C | gR | 3 | 93045.- | 3 |
| 1000# | 3NC84443C | aR | 3 | 169085.- | 3 |

# 1000A, 600V AC



### 3NE5 type
### 1500 V AC

| Rated current (A) | Type | Utilization category | DIN Size | Unit LP* ₹ | Std. pkg.** (nos.) |
|---|---|---|---|---|---|
| 160 | 3NE54240C | aR | 3 | 133665.- | 2 |
| 224 | 3NE54260C | aR | 3 | 146230.- | 2 |
| 250 | 3NE56270C | aR | 3 | 135645.- | 3 |
| 315 | 3NE54300C | aR | 3 | 139680.- | 2 |
| 350 | 3NE54310C | aR | 3 | 153325.- | 2 |
| 450 | 3NE56330C | aR | 3 | 152235.- | 3 |
| 600 | 3NE56430C | aR | 3 | 181150.- | 3 |



### 3NE7 type
### 2000 V AC

| Rated current (A) | Type | Utilization category | DIN Size | Unit LP* ₹ | Std. pkg.** (nos.) |
|---|---|---|---|---|---|
| 200 | 3NE74250U | aR | 3 | POR | 2 |
| 250 | 3NE74270U | aR | 3 | | 2 |
| 350 | 3NE74310U | aR | 3 | | 2 |
| 400 | 3NE74320U | aR | 3 | | 2 |
| 450 | 3NE76331U | aR | 3 | | 2 |
| 525 | 3NE76481U | aR | 3 | | 2 |
| 630 | 3NE76361U | aR | 3 | | 2 |
| 710 | 3NE76371U | aR | 3 | | 2 |



### Fuse bases for SITOR fuses

- With bolt-on links or slotted blade contacts
- 1-pole

| Version mm | For fuse series | $I_n$ (A) | $U_n$ (V AC / V DC) | Con-nection bolt | Type | Unit LP* ₹ | Std. pkg. (nos.) |
|---|---|---|---|---|---|---|---|
| 75 | 3NC18 | 50 | 690 | M5 | 3NH5723 | POR | 1/3 |
| 80 | 3NE87, 3NC26<br>3NE80..-3MK<br>3NC32..-1U,<br>3NE82..-3MK | 315<br>400<br>1600 | 690<br>690<br>690 | M8<br>M10<br>M10 | 3NH5023<br>3NH5323<br>3NH5423 | | 1/3 |
| 110 | 3NC24,<br>3NC33..-1U,<br>3NC34..-1U,<br>3NC84,<br>3NE1...-3,<br>3NE32,<br>3NE33, 3NE34 | 1250 | 1250 | M10 | 3NH5463 | | 1/3 |
| 170 | 3NE53, 3NE56 | 630 | 1800 | M10 | 3NH5473 | | 1/3 |

Utilization category as per VDE 0636/IEC 60269

| | |
|---|---|
| Semiconductor | aR, gR, gS |
| Cable & Conductor | gG |
| Motor | aM |

1st letter
- a = Partial range of protection (accompanied fuses)
- g = Complete range protection (general purpose fuses)

2nd letter
- G(-L) = Cable & conductor protection (general purpose fuses)
- M = Motor protection
- R, S = Semiconductor protection

** Purchase MOQ for our authorised dealers is in multiples of standard packing, contact Siemens Sales Office for further details

* LP - List Price POR: Price On Request

**Please order in multiples of standard packing.**

# Cylindrical Fuses (3NW)

- Rated current 0.5A-100A
- Breaking capacity 100kA
- Operational Class gG and aM





## Cylindrical Fuse, Size 10 x 38

| Rated Current (A) | Size | Voltage (V) | Type | Unit LP* ₹ | Std. pkg.** (nos.) |
|---|---|---|---|---|---|
| 0.5A | 10 x 38 | 500 | 3NW60001 | 1505.- | 1/10 |
| 1A | | | 3NW60111 | 1505.- | 1/10 |
| 2A | | | 3NW60021 | 1505.- | 1/10 |
| 4A | | | 3NW60041 | 1505.- | 1/10 |
| 6A | | | 3NW60011 | 1505.- | 1/10 |
| 8A | | | 3NW60081 | 1505.- | 1/10 |
| 10A | | | 3NW60031 | 1505.- | 1/10 |
| 12A | | | 3NW60061 | 1505.- | 1/10 |
| 16A | | | 3NW60051 | 1505.- | 1/20 |
| 20A | | | 3NW60071 | 1505.- | 1/20 |
| 25A | | | 3NW60101 | 1505.- | 1/20 |
| 32A | | 400 | 3NW60121 | 1505.- | 1/20 |

## Cylindrical Fuse, Size 14 x 51

| Rated Current (A) | Size | Voltage (V) | Type | Unit LP* ₹ | Std. pkg.** (nos.) |
|---|---|---|---|---|---|
| 4A | 14 x 51 | 690 | 3NW61041 | 1670.- | 1/10 |
| 6A | | | 3NW61011 | 1670.- | 1/10 |
| 8A | | | 3NW61081 | 1670.- | 1/10 |
| 10A | | | 3NW61031 | 1670.- | 1/10 |
| 12A | | | 3NW61061 | 1670.- | 1/10 |
| 16A | | | 3NW61051 | 1670.- | 1/10 |
| 20A | | | 3NW61071 | 1670.- | 1/10 |
| 25A | | | 3NW61101 | 1670.- | 1/10 |
| 32A | | | 3NW61121 | 1990.- | 1/10 |
| 40A | | 500 | 3NW61171 | 1990.- | 1/10 |
| 50A | | | 3NW61201 | 1990.- | 1/10 |



## Cylindrical Fuse, Size 22 x 58

| Rated Current (A) | Size | Voltage (V) | Type | Unit LP* ₹ | Std. pkg.** (nos.) |
|---|---|---|---|---|---|
| 16A | 22 x 58 | 690 | 3NW62051 | 2920.- | 1/10 |
| 20A | | | 3NW62071 | 2920.- | 1/10 |
| 25A | | | 3NW62101 | 2920.- | 1/10 |
| 32A | | | 3NW62121 | 2920.- | 1/10 |
| 40A | | | 3NW62171 | 3210.- | 1/10 |
| 50A | | | 3NW62201 | 3210.- | 1/10 |
| 63A | | 500 | 3NW62221 | 3210.- | 1/10 |
| 80A | | | 3NW62241 | 3210.- | 1/10 |
| 100A | | | 3NW62301 | 3550.- | 1/10 |

* LP - List Price



## Cylindrical Fuse holders

| No of Poles | Size | Rating (A) | MW | Type | Unit LP* ₹ | Std. pkg.** (nos.) |
|---|---|---|---|---|---|---|
| 1P | 10 x 38 | 32A | 1 | 3NW70132 | 2690.- | 1/1 |
| | 14 x 51 | 50A | 1.5 | 3NW7111 | 8540.- | 1/1 |
| | 22 x 58 | 100A | 2 | 3NW7211 | 13955.- | 1/1 |
| 1+N | 10 x 38 | 32A | 1 | 3NW70532 | 5495.- | 1/1 |
| | 14 x 51 | 50A | 3 | 3NW7151 | 17680.- | 1/1 |
| | 22 x 58 | 100A | 4 | 3NW7251 | 28610.- | 1/1 |
| 2P | 10 x 38 | 32A | 2 | 3NW70232 | 5390.- | 1/1 |
| | 14 x 51 | 50A | 3 | 3NW7121 | 17015.- | 1/1 |
| | 22 x 58 | 100A | 4 | 3NW7221 | 24085.- | 1/1 |
| 3P | 10 x 38 | 32A | 3 | 3NW70332 | 8095.- | 1/1 |
| | 14 x 51 | 50A | 4.5 | 3NW7131 | 25490.- | 1/1 |
| | 22 x 58 | 100A | 6 | 3NW7231 | 35925.- | 1/1 |

**Note: Prices for 1+N and 3+N Fuse holder on request**

### Fuse Systems Available

1. Fuses for Photovoltaic application (DC 1000V / 1500V)
2. NEOZED Fuses & Busbar system up to 100A
3. Diazed fuse systems up to 63A
4. Class CC UL fuse links up to 30A

For more details please contact your nearest Siemens Sales Office.



### Fuses for Special Applications

1. Rectifiers in Electrolysis system
2. SITOR 8QG 10/11 thyristor sets
3. Mounting in railway supply rectifier

For more details please contact your nearest Siemens Sales Office.






# **5SD** Surge Protection Devices

## Safe & Reliable

Surge Protection Devices are available in the following types:

Type 1 - For incoming power supply panels, in buildings with lightning protection system. Must be accompanied by downstream SPD

Type 2 - For distribution panels located downstream of Type 1 protectors or in incoming supply panels in areas of low exposure to lightning strikes, where the building is not fitted with lightning protection system

Type 3 - Always installed downstream of Type 2 protection designed to protect sensitive equipment or equipment located more than 20m downstream of Type 2 SPD

SIEMENS

# Fuseless selection Iq = 50 kA, IS/IEC:60947-4-1
## (3VM with 3RT & 3RU)

Suitable for IE2 motors

- The selection is valid only for complete Siemens combinations i.e MCCB + Contactor + Birelay mentioned below.
- **In case this combination is changed to accommodate another brand / rating of MCCB / contactor / birelay, it shall be the responsibility of the person making such a change to assure the coordination.**
- Selection is for normal starting conditions with starting time ≤ 6 seconds. (For heavy starting applications e.g. ID/FD fans, reciprocating compressor, ball mills etc., please contact your nearest Siemens Sales Office.)
- Magnetic setting of Circuit breaker to be done as per starting current of Motor
- For charts with 3VM MCCB for ratings below 75kW, please contact your nearest Siemens Sales Office.
- **Recommended selection.**

### Direct-on-line feeder

| kW 415V, 3ph, 50/60 Hz | Rated current IL (A) | Breaking Capacity Iq | Circuit Breaker | | Contactor | | Bi-relay | |
|---|---|---|---|---|---|---|---|---|
| | | | MCCB | Rated current In (A) | Type | Amp | Type | Range (A) |
| 75 | 134 | 50kA | **3VM1216-5MH32-0AA0** | 160 | **3RT1055** | 150 | **3RU2156-5DB10-8K** | 110 - 160 |
| 90 | 160 | 50kA | **3VM1220-5MH32-0AA0** | 200 | **3RT1056** | 185 | **3RU2156-5EB10-8K** | 140 - 200 |
| 110 | 190 | 50kA | **3VM1325-5MH32-0AA0** | 250 | **3RT1064** | 225 | **3RU2166-5FB10-8K** | 180 - 250 |
| 132 | 228 | 50kA | **3VM1325-5MH32-0AA0** | 250 | **3RT1065** | 265 | **3RU2166-5GB10-8K** | 220 - 320 |
| 160 | 269 | 50kA | **3VM1332-5MH32-0AA0** | 320 | **3RT1066** | 300 | **3RU2166-5GB10-8K** | 220 - 320 |
| 200 | 335 | 50kA | **3VM1440-5MH32-0AA0** | 400 | **3RT1075** | 400 | **3RU2176-5HB10-8K** | 280 - 400 |
| 250 | 418 | 50kA | **3VM1450-5MH32-0AA0** | 500 | **3RT1076** | 500 | **3RU2176-5JB10-8K** | 350 - 500 |

### Star-Delta feeder

| kW 415V, 3ph, 50/60 Hz | Rated current IL (A) | Phase Current Iph (A) | Breaking Capacity Iq | Circuit Breaker | | Contactor (Line/Delta) | | Contactor (Star) | | Bi-relay | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | MCCB | Rated current In (A) | Type | Amp | Type | Amp | Type | Range (A) |
| 75 | 134 | 78 | 50kA | **3VM1216-5MH32-0AA0** | 160 | **3RT1054** | 115 | **3RT2037** | 65 | **3RU2156-5BB10-8K** | 70 - 100 |
| 90 | 160 | 93 | 50kA | **3VM1220-5MH32-0AA0** | 200 | **3RT1055** | 150 | **3RT2038** | 80 | **3RU2156-5BB10-8K** | 70 - 100 |
| 110 | 190 | 110 | 50kA | **3VM1325-5MH32-0AA0** | 250 | **3RT1056** | 185 | **3RT2046** | 95 | **3RU2156-5CB10-8K** | 90 - 125 |
| 132 | 228 | 132 | 50kA | **3VM1325-5MH32-0AA0** | 250 | **3RT1056** | 185 | **3RT1054** | 115 | **3RU2156-5DB10-8K** | 110 - 160 |
| 160 | 269 | 156 | 50kA | **3VM1332-5MH32-0AA0** | 320 | **3RT1064** | 225 | **3RT1054** | 115 | **3RU2156-5EB10-8K** | 140 - 200 |
| 200 | 335 | 194 | 50kA | **3VM1440-5MH32-0AA0** | 400 | **3RT1065** | 265 | **3RT1055** | 150 | **3RU2166-5FB10-8K** | 180 - 250 |
| 250 | 418 | 243 | 50kA | **3VM1450-5MH32-0AA0** | 500 | **3RT1066** | 300 | **3RT1056** | 185 | **3RU2166-5GB10-8K** | 220 - 320 |

**Note: For ratings below 75kW, with SCPD 3RV MPCB, please refer to Low Voltage Control Products Price List or please contact your nearest Siemens Sales Office.**

# Fuseless selection Iq = 50 kA, IS/IEC:60947-4-1
## (3VA with 3RT & 3RU)

**Suitable for IE3 motors**

- The selection is valid only for complete Siemens combinations i.e MCCB + Contactor + Birelay mentioned below.
- In case this combination is changed to accommodate another brand / rating of MCCB / contactor / birelay, it shall be the responsibility of the person making such a change to assure the coordination.
- Selection is for normal starting conditions with starting time ≤ 6 seconds. (For heavy starting applications e.g. ID/FD fans, reciprocating compressor, ball mills etc., please contact your nearest Siemens Sales Office.)
- Ratio of starting current to rated current: In accordance to IS12615:2018
- Magnetic setting of Circuit breaker to be done as per starting current of Motor
- For charts with 3VA MCCB for ratings below 37kW, please contact your nearest Siemens Sales Office.
- **Recommended selection**.

### Direct-on-line feeder

| kW 415V, 3ph, 50/60 Hz | Rated current IL (A) | Breaking Capacity Iq | Circuit Breaker | | Contactor | | Bi-relay | |
|---|---|---|---|---|---|---|---|---|
| | | | MCCB | Rated current In (A) | Type | Rating (A) | Type | Range (A) |
| 37 | 64 | 50kA | **3VA1180-5MH32-0AA0** | 80 | **3RT2038** | 80 | **3RU2136-4KB0** | 62...73 |
| 45 | 77 | 50kA | **3VA1110-5MH32-0AA0** | 100 | **3RT2046** | 95 | **3RU2146-4LB0** | 70...90 |
| 55 | 94 | 50kA | **3VA1112-5MH32-0AA0** | 125 | **3RT1054** | 115 | **3RU2156-5CB10-8K** | 90...125 |
| 75 | 132 | 50kA | **3VA1216-5MH32-0AA0** | 160 | **3RT1055** | 150 | **3RU2156-5DB10-8K** | 110-160 |
| 90 | 155 | 50kA | **3VA1220-5MH32-0AA0** | 200 | **3RT1056** | 185 | **3RU2156-5EB10-8K** | 140-200 |
| 110 | 186 | 50kA | **3VA1325-5MH32-0AA0** | 250 | **3RT1064** | 225 | **3RU2166-5EB10-8K** | 140-200 |
| 132 | 220 | 50kA | **3VA1325-5MH32-0AA0** | 250 | **3RT1065** | 265 | **3RU2166-5FB10-8K** | 180-250 |
| 160 | 267 | 50kA | **3VA1332-5MH32-0AA0** | 320 | **3RT1075** | 400 | **3RU2166-5GB10-8K** | 220-320 |
| 200 | 332 | 50kA | **3VA1440-5MH32-0AA0** | 400 | **3RT1075** | 400 | **3RU2176-5HB10-8K** | 280-400 |
| 250 | 416 | 50kA | **3VA1450-5MH32-0AA0** | 500 | **3RT1076** | 500 | **3RU2176-5JB10-8K** | 350-500 |

### Star-Delta feeder

| kW 415V, 3ph, 50/60 Hz | Rated current IL (A) | Phase Current Iph (A) | Breaking Capacity Iq | Circuit Breaker | | Contactor (Line/ Delta) | | Contactor (Star) | | Bi-relay | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | MCCB | Rated current In (A) | Type | Rating (A) | Type | Rating (A) | Type | Range (A) |
| 37 | 64 | 37 | 50kA | **3VA1180-5MH32-0AA0** | 80 | **3RT2037** | 65 | **3RT2027** | 32 | **3RU2136-4GB0** | 36...45 |
| 45 | 77 | 45 | 50kA | **3VA1110-5MH32-0AA0** | 100 | **3RT2038** | 80 | **3RT2035** | 40 | **3RU2136-4HB0** | 40...50 |
| 55 | 94 | 54 | 50kA | **3VA1112-5MH32-0AA0** | 125 | **3RT2038** | 80 | **3RT2036** | 50 | **3RU2136-4QB0** | 47...57 |
| 75 | 132 | 76 | 50kA | **3VA1216-5MH32-0AA0** | 160 | **3RT1054** | 115 | **3RT2037** | 65 | **3RU2156-5BB10-8K** | 70-100 |
| 90 | 155 | 90 | 50kA | **3VA1220-5MH32-0AA0** | 200 | **3RT1055** | 150 | **3RT2038** | 80 | **3RU2156-5BB10-8K** | 70-100 |
| 110 | 186 | 108 | 50kA | **3VA1325-5MH32-0AA0** | 250 | **3RT1056** | 185 | **3RT2046** | 95 | **3RU2156-5CB10-8K** | 90-125 |
| 132 | 220 | 128 | 50kA | **3VA1325-5MH32-0AA0** | 250 | **3RT1056** | 185 | **3RT1054** | 115 | **3RU2156-5DB10-8K** | 110-160 |
| 160 | 267 | 155 | 50kA | **3VA1332-5MH32-0AA0** | 320 | **3RT1064** | 225 | **3RT1054** | 115 | **3RU2156-5EB10-8K** | 140-200 |
| 200 | 332 | 193 | 50kA | **3VA1440-5MH32-0AA0** | 400 | **3RT1065** | 265 | **3RT1055** | 150 | **3RU2166-5FB10-8K** | 180-250 |
| 250 | 416 | 241 | 50kA | **3VA1450-5MH32-0AA0** | 500 | **3RT1066** | 300 | **3RT1056** | 185 | **3RU2166-5GB10-8K** | 220-320 |

**Note: For ratings below 37kW, with SCPD 3RV MPCB, please refer to Low Voltage Control Products Price List or please contact your nearest Siemens Sales Office.**

# Fuse protected selection type 2, Iq = 50kA, IS/IEC:60947-4-1
## (3KL with 3RT & 3RU)

Suitable for IE2 motors

- The selection is valid only for complete Siemens combinations i.e. SDF + DIN Fuse + Contactor + Birelay (+ timer).
- In case this combination is changed to accommodate another brand/rating of SDF/DIN Fuse/Contactor/BMR, it shall be the responsibility of the person making such a change to assure type 2 performance.
- Selection is for normal starting conditions (class 10 feeder). (For heavy starting applications e.g. ID/FD fans, reciprocating compressor, ball mills etc., please contact your nearest Siemens Sales Office.)
- The electronic star-delta timer type 3RP should be used in star-delta feeders.
- SDF: Switch Disconnector Fuse. All fuses are DIN HRC type.
- Tested Type 2 combinations
- Low LCC = Low Life Cycle Cost

### Direct-on-line feeder, for Low LCC

| SL Motor | | SDF | | Fuse | | Contactor | | Bi-Relay | |
|---|---|---|---|---|---|---|---|---|---|
| kW 415V, 3ph, 50/60 Hz | $I_L$ Amps | Type | Amp | Type | Amps | Type | Rating Amps | Type | Set-Range Amp |
| 0.37 | 1.1 | 3KL811 | 20 | 3NA78040RC | 4 | 3RT2015 | 7 | 3RU2116-0KB0 | 0.9 ... 1.25 |
| 0.55 | 1.4 | 3KL811 | 20 | 3NA78040RC | 4 | 3RT2015 | 7 | 3RU2116-1AB0 | 1.1 ... 1.6 |
| 0.75 | 1.7 | 3KL811 | 20 | 3NA78010RC | 6 | 3RT2015 | 7 | 3RU2116-1BB0 | 1.4 ... 2 |
| 1.1 | 2.4 | 3KL811 | 20 | 3NA78010RC | 6 | 3RT2015 | 7 | 3RU2116-1DB0 | 2.2 ... 3.2 |
| 1.5 | 3.2 | 3KL811 | 20 | 3NA78030RC | 10 | 3RT2015 | 7 | 3RU2116-1EB0 | 2.8 ... 4 |
| 2.2 | 4.8 | 3KL811 | 20 | 3NA78050RC | 16 | 3RT2015 | 7 | 3RU2116-1GB0 | 4.5 ... 6.3 |
| 3.7 | 7.4 | 3KL811 | 20 | 3NA78070RC | 20 | 3RT2024 | 12 | 3RU2126-1JB0 | 7...10 |
| 5.5 | 11.2 | 3KL812 | 32 | 3NA78100RC | 25 | 3RT2024 | 12 | 3RU2126-1KB0 | 9 ... 12.5 |
| 7.5 | 15 | 3KL812 | 32 | 3NA78120RC | 32 | 3RT2025 | 17 | 3RU2126-4AB0 | 11 ...16 |
| 11 | 21 | 3KL815 | 63 | 3NA78200RC | 50 | 3RT2027 | 32 | 3RU2126-4DB0 | 20 ... 25 |
| 15 | 28 | 3KL815 | 63 | 3NA78220RC | 63 | 3RT2035 | 40 | 3RU2136-4EB0 | 22 ... 32 |
| 18.5 | 34 | 3KL821 | 100 | 3NA78240RC | 80 | 3RT2035 | 40 | 3RU2136-4FB0 | 28 ... 40 |
| 22 | 40 | 3KL821 | 100 | 3NA78240RC | 80 | 3RT2036 | 50 | 3RU2136-4GB0 | 36 ... 45 |
| 30 | 57 | 3KL821 | 100 | 3NA78300RC | 100 | 3RT2037 | 65 | 3RU2136-4QB0 | 47 ... 57 |
| 37 | 64 | 3KL822 | 125 | 3NA78320RC | 125 | 3RT2038 | 80 | 3RU2136-4KB0 | 62 ... 73 |
| 45 | 77 | 3KL822 | 125 | 3NA78320RC | 125 | 3RT2046 | 95 | 3RU2136-4RB0 | 70 ... 80 |
| 55 | 101 | 3KL823 | 160 | 3NA78360RC | 160 | 3RT1054 | 115 | 3RU2156-5CB10-8K | 90 ... 125 |
| 75 | 134 | 3KL831 | 200 | 3NA71400RC | 200 | 3RT1055 | 150 | 3RU2156-5DB10-8K | 110 ... 160 |
| 90 | 160 | 3KL832 | 250 | 3NA71440RC | 250 | 3RT1056 | 185 | 3RU2156-5EB10-8K | 140 ... 200 |
| 110 | 190 | 3KL832 | 250 | 3NA71440RC | 250 | 3RT1064 | 225 | 3RU2166-5FB10-8K | 180 ... 250 |
| 132 | 228 | 3KL833 | 315 | 3NA72520RC | 315 | 3RT1065 | 265 | 3RU2166-5FB10-8K | 180 ... 250 |
| 160 | 269 | 3KL834 | 400 | 3NA72600RC | 400 | 3RT1066 | 300 | 3RU2166-5GB10-8K | 220 ... 320 |
| 200 | 350 | 3KL841 | 500 | 3NA33650RC | 500 | 3RT1075 | 400 | 3RU2176-5HB10-8K | 280 ... 400 |
| 250 | 430 | 3KL841 | 500 | 3NA33650RC | 500 | 3RT1076 | 500 | 3RU2176-5JB10-8K | 350 ... 500 |

### Star-Delta feeder, for Low LCC

| SL Motor | | | SDF | | HRC Fuses | | Contactor Line/Delta | | Contactor Star | | Bi-Relay | | Timer |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| kW 415V, 3ph, 50/60 Hz | $I_L$ Amps | IPh Amps | Type | Rating Amps | Type | Rating Amps | Type | Rating Amps | Type | Rating Amps | Type | Set-Range Amp | Type |
| 4 | 7.8 | 4.5 | 3KL811 | 20 | 3NA78030RC | 10 | 3RT2023 | 9 | 3RT2023 | 9 | 3RU2126-1FB0 | 3.5 ... 5 | 3RP15 |
| 5.5 | 11.2 | 6.5 | 3KL811 | 20 | 3NA78050RC | 16 | 3RT2023 | 9 | 3RT2023 | 9 | 3RU2126-1HB0 | 5.5 ... 8 | 3RP15 |
| 7.5 | 15 | 9.2 | 3KL811 | 20 | 3NA78070RC | 20 | 3RT2024 | 12 | 3RT2023 | 9 | 3RU2126-1JB0 | 7 ... 10 | 3RP15 |
| 11 | 21 | 12 | 3KL812 | 32 | 3NA78100RC | 25 | 3RT2025 | 17 | 3RT2023 | 9 | 3RU2126-1KB0 | 9 ... 12.5 | 3RP15 |
| 15 | 28 | 16.2 | 3KL812 | 32 | 3NA78120RC | 32 | 3RT2026 | 25 | 3RT2025 | 17 | 3RU2126-4BB0 | 14 ... 20 | 3RP15 |
| 18.5 | 34 | 19.7 | 3KL815 | 63 | 3NA78200RC | 50 | 3RT2027 | 32 | 3RT2026 | 25 | 3RU2126-4CB0 | 17 ... 22 | 3RP15 |
| 22 | 40 | 23.2 | 3KL815 | 63 | 3NA78200RC | 63 | 3RT2035 | 40 | 3RT2026 | 25 | 3RU2136-4DB0 | 18 ... 25 | 3RP15 |
| 30 | 57 | 30.6 | 3KL821 | 100 | 3NA78220RC | 80 | 3RT2035 | 40 | 3RT2026 | 25 | 3RU2136-4EB0 | 22 ... 32 | 3RP15 |
| 37 | 64 | 37.5 | 3KL821 | 100 | 3NA78240RC | 80 | 3RT2035 | 40 | 3RT2027 | 32 | 3RU2136-4FB0 | 28 ... 40 | 3RP15 |
| 45 | 77 | 45 | 3KL821 | 100 | 3NA78300RC | 100 | 3RT2037 | 65 | 3RT2028 | 40 | 3RU2136-4HB0 | 40 ... 50 | 3RP15 |
| 55 | 101 | 55.4 | 3KL821 | 100 | 3NA78300RC | 100 | 3RT2037 | 65 | 3RT2035 | 40 | 3RU2136-4JB0 | 54 ... 65 | 3RP15 |
| 75 | 134 | 75.6 | 3KL823 | 160 | 3NA78360RC | 160 | 3RT2038 | 80 | 3RT2037 | 65 | 3RU2136-4RB0 | 70 ... 80 | 3RP15 |
| 90 | 156 | 90 | 3KL823 | 160 | 3NA78360RC | 160 | 3RT2046 | 95 | 3RT2038 | 80 | 3RU2146-4LB0 | 70 ... 90 | 3RP15 |
| 110 | 190 | 113 | 3KL831 | 200 | 3NA71400RC | 200 | 3RT1054 | 115 | 3RT1054 | 115 | 3RU2156-5CB10-8K | 90 ... 125 | 3RP15 |
| 132 | 228 | 133 | 3KL832 | 250 | 3NA71440RC | 250 | 3RT1055 | 150 | 3RT1054 | 115 | 3RU2156-5DB10-8K | 110 ... 160 | 3RP15 |
| 160 | 269 | 162 | 3KL833 | 315 | 3NA72520RC | 315 | 3RT1056 | 185 | 3RT1054 | 115 | 3RU2156-5EB10-8K | 140 ... 200 | 3RP15 |
| 200 | 350 | 202 | 3KL834 | 400 | 3NA72600RC | 400 | 3RT1064 | 225 | 3RT1056 | 185 | 3RU2166-5FB10-8K | 180 ... 250 | 3RP15 |
| 250 | 430 | 248 | 3KL841 | 500 | 3NA33650RC | 500 | 3RT1075 | 400 | 3RT1065 | 265 | 3RU2166-5GB10-8K | 220 ... 320 | 3RP15 |

# Fuse protected selection type 2, Iq = 50kA, IS/IEC:60947-4-1
## (3KL with 3TF & 3UA)

Suitable for IE2 motors

- The selection is valid only for complete Siemens combinations i.e. SDF + DIN Fuse + Contactor + Birelay (+ timer).
- **In case this combination is changed to accommodate another brand/rating of SDF/DIN Fuse/Contactor/BMR, it shall be the responsibility of the person making such a change to assure type 2 performance.**
- Selection is for **normal starting** conditions with starting time ≤ 6 seconds. (For **heavy starting** applications e.g. ID/FD fans, reciprocating compressor, ball mills etc., please contact your nearest Siemens Sales Office..)
- At 60°C service temperature the bi-relay has to be derated. The bi-relay can be used upto the maximum current setting indicated. For example - A bi-relay with setting 32-50A, at 60°C can be used only upto 47A. This however does not mean that at 60°C, the 50A setting corresponds to 47A. It means that, the bi-relay should not be set beyond 47A.
- **The electronic star-delta timer type 3RP should be used in star-delta feeders.**
- SDF: Switch Disconnector Fuse. **All fuses are DIN HRC type**.
- **Tested Type 2 combinations**
- Low LCC = Low Life Cycle Cost

### Direct-on-line feeder, for Low LCC

| SL Motor | Motor | SDF | | HRC Fuse | | Contactor | | Bi-Relay | | Bi-Relay | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| kW 415V, 3ph, 50Hz | $I_L$ Amp | Type | Rating | Type | Amp | Type | Amp | Type (50°C) | Set-Range Amp | Type (60°C) | Available Set-Range Amp |
| 0.37 | 1 | 3KL811 | 20 | 3NA78040RC | 4 | 3TF30 | 9 | 3UA5000-0K | 0.8 - 1.25 | 3UA5000-0K | 0.8 - 1.17 |
| 0.55 | 1.3 | 3KL811 | 20 | 3NA78040RC | 4 | 3TF30 | 9 | 3UA5000-1A | 1 - 1.6 | 3UA5000-1A | 1 - 1.5 |
| 0.75 | 1.9 | 3KL811 | 20 | 3NA78010RC | 6 | 3TF30 | 9 | 3UA5000-1B | 1.25 - 2 | 3UA5000-1C | 1.6 - 2.3 |
| 1.1 | 2.6 | 3KL811 | 20 | 3NA78010RC | 6 | 3TF30 | 9 | 3UA5000-1D | 2 - 3.2 | 3UA5000-1D | 2 - 3 |
| 1.5 | 3.7 | 3KL811 | 20 | 3NA78030RC | 10 | 3TF30 | 9 | 3UA5000-1E | 2.5 - 4 | 3UA5000-1E | 2.5 - 3.7 |
| 2.2 | 4.8 | 3KL811 | 20 | 3NA78050RC | 16 | 3TF30 | 9 | 3UA5000-1F | 3.2 - 5 | 3UA5000-1G | 4 - 5.9 |
| 3.7 | 7.8 | 3KL811 | 20 | 3NA78070RC | 20 | 3TF30 | 9 | 3UA5000-1H | 5 - 8 | 3UA5000-1J | 6.3 - 9.4 |
| 5.5 | 11.2 | 3KL812 | 32 | 3NA78100RC | 25 | 3TF31 | 12 | 3UA5000-1K | 8 - 12.5 | 3UA5000-1K | 8 - 11.7 |
| 7.5 | 16 | 3KL812 | 32 | 3NA78120RC | 32 | 3TF32 | 16 | 3UA5200-2A | 10 - 16 | 3UA5200-2B | 12.5 - 18.7 |
| 9.3 | 19 | 3KL815 | 63 | 3NA78200RC | 50 | 3TF34 | 32 | 3UA5500-2B | 12.5 - 20 | 3UA5500-2C | 16 - 23.4 |
| 11 | 20.8 | 3KL815 | 63 | 3NA78200RC | 50 | 3TF34 | 32 | 3UA5500-2C | 16 - 25 | 3UA5500-2C | 16 - 23.4 |
| 15 | 28 | 3KL815 | 63 | 3NA78220RC | 63 | 3TF34 | 32 | 3UA5500-2D | 20 - 32 | 3UA5500-2D | 20 - 30 |
| 18.5 | 34 | 3KL815 | 63 | 3NA78220RC | 63 | 3TF35 | 38 | 3UA5500-2Q | 25 - 36 | 3UA5500-2R | 32 - 37.4 |
| 22 | 40 | 3KL817 | 100 | 3NA78240RC | 80 | 3TF46 | 45 | 3UA5800-2FZ1 | 32 - 50 | 3UA5800-2FZ1 | 32 - 47 |
| 30 | 53 | 3KL817 | 100 | 3NA78300RC | 100 | 3TF47 | 63 | 3UA5800-2TZ1 | 40 - 57 | 3UA5800-2PZ1 | 50 - 59 |
| 37 | 65 | 3KL822 | 125 | 3NA78320RC | 125 | 3TF477 | 70 | 3UA5800-2VZ2 | 57 - 70 | 3UA5800-2VZ2 | 57 - 65.5 |
| 45 | 78 | 3KL822 | 125 | 3NA78320RC | 125 | 3TF49 | 85 | 3UA5800-8YZ1 | 70 - 95 | 3UA5800-8YZ1 | 70 - 88.9 |
| 55 | 96 | 3KL823 | 160 | 3NA78360RC | 160 | 3TF50 | 110 | 3UA5830-5C | 85 - 105 | 3UA5830-5C | 85 - 98.2 |
| 75 | 131 | 3KL831 | 200 | 3NA71400RC | 200 | 3TF51 | 140 | 3UA6230-5A | 85 - 135 | 3UA6230-5B | 115 - 168 |
| 90 | 156 | 3KL832 | 250 | 3NA71440RC | 250 | 3TF52 | 170 | 3UA6230-5B | 115 - 180 | 3UA6230-5B | 115 - 168 |
| 110 | 189 | 3KL832 | 250 | 3NA71440RC | 250 | 3TF53 | 205 | 3UA6230-5C | 160 - 250 | 3UA6230-5C | 160 - 234 |
| 132 | 227 | 3KL833 | 315 | 3NA72520RC | 315 | 3TF54 | 250 | 3UA6230-5C | 160 - 250 | 3UA6230-5C | 160 - 234 |
| 160 | 271 | 3KL834 | 400 | 3NA72600RC | 400 | 3TF55 | 300 | 3UA6230-5D | 200 - 320 | 3UA6230-5D | 200 - 299 |
| 200 | 339 | 3KL841 | 500 | 3NA33650RC | 500 | 3TF56 | 400 | 3UA6230-5E | 250 - 400 | 3UA6230-5E | 250 - 374 |
| 250 | 398 | 3KL841 | 500 | 3NA33650RC | 500 | 3TF57 | 475 | 3UA6830-5F | 320 - 500 | 3UA6830-5F | 320 - 468 |

### Star-Delta feeder, for Low LCC

| SL Motor | Motor | | SDF | | HRC Fuses | | Contactor Line/Delta | | Contactor Star | | Bi-Relay | | Bi-Relay | | Timer |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| kW 415V, 3ph, 50Hz | $I_L$ Amp. | Iph Amp | Type | Rating | Type | Amp | Type | Amp | Type | Amp | Type (50°C) | Set-Range Amp | Type (60°C) | Available Set-Range Amp | Type |
| 3.7 | 7.8 | 4.5 | 3KL811 | 20 | 3NA78030RC | 10 | 3TF30 | 9 | 3TF30 | 9 | 3UA5000-1F | 3.2-5 | 3UA5000-1F | 3.2-4.7 | 3RP15 |
| 5.5 | 11.2 | 6.5 | 3KL811 | 20 | 3NA78050RC | 16 | 3TF30 | 9 | 3TF30 | 9 | 3UA5000-1H | 5-8 | 3UA5000-1H | 5-7.5 | 3RP15 |
| 7.5 | 16 | 9.2 | 3KL811 | 20 | 3NA78070RC | 20 | 3TF31 | 12 | 3TF30 | 9 | 3UA5000-1J | 6.3-10 | 3UA5000-1J | 6.3-9.4 | 3RP15 |
| 9.3 | 19 | 11 | 3KL812 | 32 | 3NA78100RC | 25 | 3TF31 | 12 | 3TF30 | 9 | 3UA5000-1K | 8-12.5 | 3UA5000-1K | 8-11.7 | 3RP15 |
| 11 | 20.8 | 12 | 3KL812 | 32 | 3NA78100RC | 25 | 3TF31 | 12 | 3TF30 | 9 | 3UA5000-1K | 8-12.5 | 3UA5000-2S | 10-13.6 | 3RP15 |
| 15 | 28 | 16.2 | 3KL812 | 32 | 3NA78120RC | 32 | 3TF33 | 22 | 3TF32 | 16 | 3UA5200-2B | 12.5-20 | 3UA5200-2B | 12.5-18.7 | 3RP15 |
| 18.5 | 34 | 19.7 | 3KL815 | 63 | 3NA78200RC | 50 | 3TF34 | 32 | 3TF34 | 32 | 3UA5500-2B | 12.5-20 | 3UA5500-2C | 16-23.4 | 3RP15 |
| 22 | 40 | 23.2 | 3KL815 | 63 | 3NA78200RC | 50 | 3TF34 | 32 | 3TF34 | 32 | 3UA5500-2C | 16-25 | 3UA5500-2D | 22-30 | 3RP15 |
| 30 | 53 | 30.6 | 3KL815 | 63 | 3NA78220RC | 63 | 3TF34 | 32 | 3TF34 | 32 | 3UA5500-2D | 20-32 | 3UA5500-2Q | 25-33.7 | 3RP15 |
| 37 | 65 | 37.5 | 3KL817 | 100 | 3NA78240RC | 80 | 3TF35 | 38 | 3TF34 | 32 | 3UA5500-2R | 32-40 | 3UA5500-8M | 36-45 | 3RP15 |
| 45 | 78 | 45 | 3KL817 | 100 | 3NA78300RC | 100 | 3TF46 | 45 | 3TF34 | 32 | 3UA5800-2FZ1 | 32-50 | 3UA5800-2FZ1 | 32-47 | 3RP15 |
| 55 | 96 | 55.4 | 3KL817 | 100 | 3NA78300RC | 100 | 3TF47 | 63 | 3TF34 | 32 | 3UA5800-2TZ1 | 40-57 | 3UA5800-2PZ1 | 50-59 | 3RP15 |
| 75 | 131 | 75.6 | 3KL823 | 160 | 3NA78360RC | 160 | 3TF49 | 85 | 3TF47 | 63 | 3UA5800-8YZ1 | 70-95 | 3UA5800-8YZ1 | 70-88.9 | 3RP15 |
| 90 | 156 | 90.1 | 3KL823 | 160 | 3NA78360RC | 160 | 3TF50 | 110 | 3TF47 | 63 | 3UA5830-5B | 70-95 | 3UA5830-5C | 85-98.2 | 3RP15 |
| 110 | 189 | 109 | 3KL831 | 200 | 3NA71400RC | 200 | 3TF50 | 110 | 3TF50 | 110 | 3UA5830-5D | 95-120 | 3UA5830-5D | 95-112 | 3RP15 |
| 132 | 227 | 131.1 | 3KL832 | 250 | 3NA71440RC | 250 | 3TF51 | 140 | 3TF50 | 110 | 3UA6230-5B | 115-180 | 3UA6230-5B | 115-168 | 3RP15 |
| 160 | 271 | 156.5 | 3KL833 | 315 | 3NA72520RC | 315 | 3TF52 | 170 | 3TF50 | 110 | 3UA6230-5B | 115-180 | 3UA6230-5B | 115-168 | 3RP15 |
| 200 | 339 | 195.7 | 3KL834 | 400 | 3NA72600RC | 400 | 3TF54 | 250 | 3TF52 | 170 | 3UA6230-5C | 160-250 | 3UA6230-5C | 160-234 | 3RP15 |
| 250 | 398 | 229.8 | 3KL841 | 500 | 3NA72600RC | 400 | 3TF54 | 250 | 3TF54 | 250 | 3UA6230-5C | 160-250 | 3UA6230-5D | 200-299 | 3RP15 |

# Available till stocks last

# Superswitch 3KL8

**Switch Disconnector fuse: 3KL8 3-pole with Isolable neutral (Open Execution )**

| Rated current $I_e$ @690V 50Hz | SDF suitable for DIN type HRC fuses | Unit MRP* ₹ | SDF suitable for BS type HRC fuses | Unit MRP* ₹ | SDF suitable for Cylindrical type HRC fuses | Unit MRP* ₹ | Std. pkg. (nos.) |
|---|---|---|---|---|---|---|---|
| 20A | 3KL8111-3TA00 | 10130.- | 3KL8111-3TJ00 | 9810.- | 3KL8111-3TC00 | 9965.- | 1 |
| 32A | 3KL8121-3TA00 | 10370.- | 3KL8121-3TJ00 | 10140.- | 3KL8121-3TC00 | 10290.- | 1 |
| 63A | 3KL8151-3TA00 | 14645.- | 3KL8151-3TJ00 | 14180.- | 3KL8151-3TC00 | 14300.- | 1 |
| 100A | 3KL8211-3TA00 | 29270.- | 3KL8211-3TJ00 | 28720.- | | | 1 |
| 125A | 3KL8221-3TA00 | 38260.- | 3KL8221-3TJ00 | 37765.- | | | 1 |
| 160A$ | 3KL8231-3TA00 | 41780.- | 3KL8231-3TJ00 | 41180.- | | | 1 |
| 200A | 3KL8311-3UA00 | 53365.- | 3KL8311-3UJ00 | 51650.- | | | 1 |
| 250A | 3KL8321-3UA00 | 62735.- | 3KL8321-3UJ00 | 63850.- | | | 1 |
| 315A | 3KL8331-3UA00 | 77555.- | 3KL8331-3UJ00 | 75540.- | | | 1 |
| 400A$ | 3KL8341-3UA00 | 93445.- | 3KL8341-3UJ00 | 94835.- | | | 1 |
| 500A | 3KL8411-3UA00 | 146190.- | 3KL8411-3UJ00 | 140600.- | | | 1 |
| 630A | 3KL8421-3UA00 | 150190.- | 3KL8421-3UJ00 | 145690.- | | | 1 |
| 800A$ | 3KL8431-3UA00 | 162700.- | 3KL8431-3UJ00 | 157895.- | | | 1 |

Notes:
3KL8/ 3KA8 is rated for 690V, 50Hz, AC23A Utilisation Category
$ AC23A @500V AC
All SDF Unit MRPs are without fuses
Unit MRP's are inclusive of front drive (Handle) kit, fuse cover, terminal cover, isolable neutral cover and phase barriers.

# Accessories for 3KL8 / 3KA8: 3-pole with Isolable neutral (Open Execution)

| Description | 3KL81 11/21/51 3KA81 51 | Unit MRP* ₹ | 3KL82 11/21/31 3KA82 11/21/31 | Unit MRP* ₹ | 3KL83 11/21/31/41 3KA83 11/21/41/51 | Unit MRP* ₹ | 3KL84 11/21/31 3KA84 3/4/5/6 | Unit MRP* ₹ | Std. pkg. (nos.) |
|---|---|---|---|---|---|---|---|---|---|
| Fuse Cover | 3KX8150-0AC | 1180.- | 3KX8230-0AC | 1690.- | 3KX8340-0AC | 2485.- | 3KX8430-0AC | 3520.- | 1 |
| Terminal Cover (1 set) | – | – | 3KX8231-0AC | 1440.- | 3KX8341-0AC | 2705.- | 3KX8431-0AC | 3175.- | 1 |
| Isolable Neutral cover | – | – | 3KX8232-0AC | 715.- | – | – | – | – | 1 |
| Phase Barrier$$ | 3KX8153-0AC | 475.- | 3KX8233-0AC | 475.- | 3KX8343-0AC | 690.- | 3KX8433-0AC | 895.- | 1 |

$$For phase barriers of BS type switches please contact your nearest Siemens Sales Office.

# 3VT MCCBs

| Description | Type |
|---|---|
| 3VT Main switching unit without Trip Units | 3VT2 |
| 3VT Main switching unit without Trip Units | 3VT3 |
| 3VT Main switching unit without Trip Units | 3VT4 |
| 3VT Main switching unit without Trip Units | 3VT5 |
| 3VT Microprocessor Based Trip Unit (ETU) | 3VT9 |
| Accessories for 3VT2-5 | 3VT9..\ 3VT9.. |

# Discontinued products

## 3KC Automatic Transfer Controller

| Description | Type |
|---|---|
| ATC 5300 | 3KC9000-8TL30 |

## Motor control switches 3LA0

| Description | | Motor output 415V, 50Hz, 3Ph kW | Type |
|---|---|---|---|
| In sheet steel housing | On/Off | 7.5 | ■ 3LA0221-1YA |
| | | 30 | ■ 3LA0621-1YB |
| | System selector | 5.5 | 3LA0222-1YA |
| | Reversing | 5.5 | ■ 3LA0223-1YA |

## Control switches 3ST

| Switch | Description | Type |
|---|---|---|
| **2-Pole On-Off** [1), 2)]<br>**3-Pole On-Off** [1), 2)] | 415V, 50Hz/8.5A | ■ **3ST1 400-0AF08**<br>■ **3ST1 400-1AH08** |
| **Ammeter selector**<br>**Voltmeter selector** | 0–L1–L2–L3<br>0–L1L2–L2L3–L3L1 | ■ **3ST1 400-2RQ08**<br>■ **3ST1 400-1RK08** |

1) 12th place code '8' represents black knob. Replace it by '9' for red knob.
2) 9th place code 'A' represents rotation < 360°. For 360° rotation, replace it by 'B'

## Accessories for Superswitch: 3KL8/ 3KA8

| Description | 3KL83 11/21/31/41<br>3KA83 11/21/41 | 3KL84 11/21/31<br>3KA84 2/3/4/5/6 | Std.pkg. (nos.) |
|---|---|---|---|
| Key interlock | **3KX3588-1YP(.)#** | **3KX3588-1YP(.)#** | **1** |

# Type of keys are Type A - F depending on the last digit (.) to be replaced by letters A - F.

| Description | Type |
|---|---|
| 3VL MCCBs | **3VL1 - 3VL8** |
| 3VL Accessories | **3VL9..., \3VL9...** |

Std. Pkg. = 1 unit  * LP - List Price

# One point contact for your service needs

### Retrofit & Upgrades
Complete Panel Retrofit
Third Party Product Retrofit
Conventional to i-MCC
ACB Retrofit / Smart Retrofit
Numerical Relay Retrofit
Old ACB Refurbishment




### Service Contracts
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ACB Servicing
Repair Contracts
Soft starter Repair



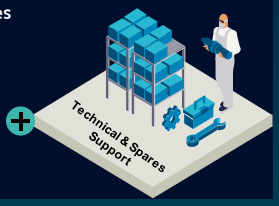

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Post Warranty Support
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Simocode Master Class 2
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Temperature Monitoring
Cloud Apps
IoT Edge Devices




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Panel Spares
Breaker Spares
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Consulting
Training




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We educate and help to adopt products and solutions like energy management, condition monitoring, various application with analytic etc. through retrofit and technology upgrade, thereby helping to embark on the digitalization journey easily.

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- Conversion of existing conventional to intelligent MCC
- Ready to use completely prewired draw out modules for MCC
- Upgradation of existing panels with temperature monitoring system

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## For information on prices of below products please refer to the Low Voltage Control Products valid Price List




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Maximum Retail Price (MRP) / List Price (LP) is subject to revision without prior notice.

The company reserves the right to supply goods at its works or godown at its discretion.

The minimum order size for non-stock items (items not marked with ■) is 50 Nos. for each item or ₹ 50,000/- per item.

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- **List Prices (LPs) mentioned are exclusive of all taxes.**
- **Maximum Retail Prices (MRPs) mentioned in the publication are maximum recommended selling prices.**
- **Invoice amount not to exceed MRP**
- **Invoice amount = MRP (less) applicable discount + applicable GST %**
- **For receiving material in factory sealed packing, we request you to order in multiples of the indicated standard packing quantity.**

**Ask your nearest Siemens partners to include you in our mailing list.**

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# Notes



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