



# Your trusted partner for reliable power

**Low Voltage Power Distribution Products**

Price List w.e.f. 1<sup>st</sup> July 2026

**SIEMENS**



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# SIEMENS

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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

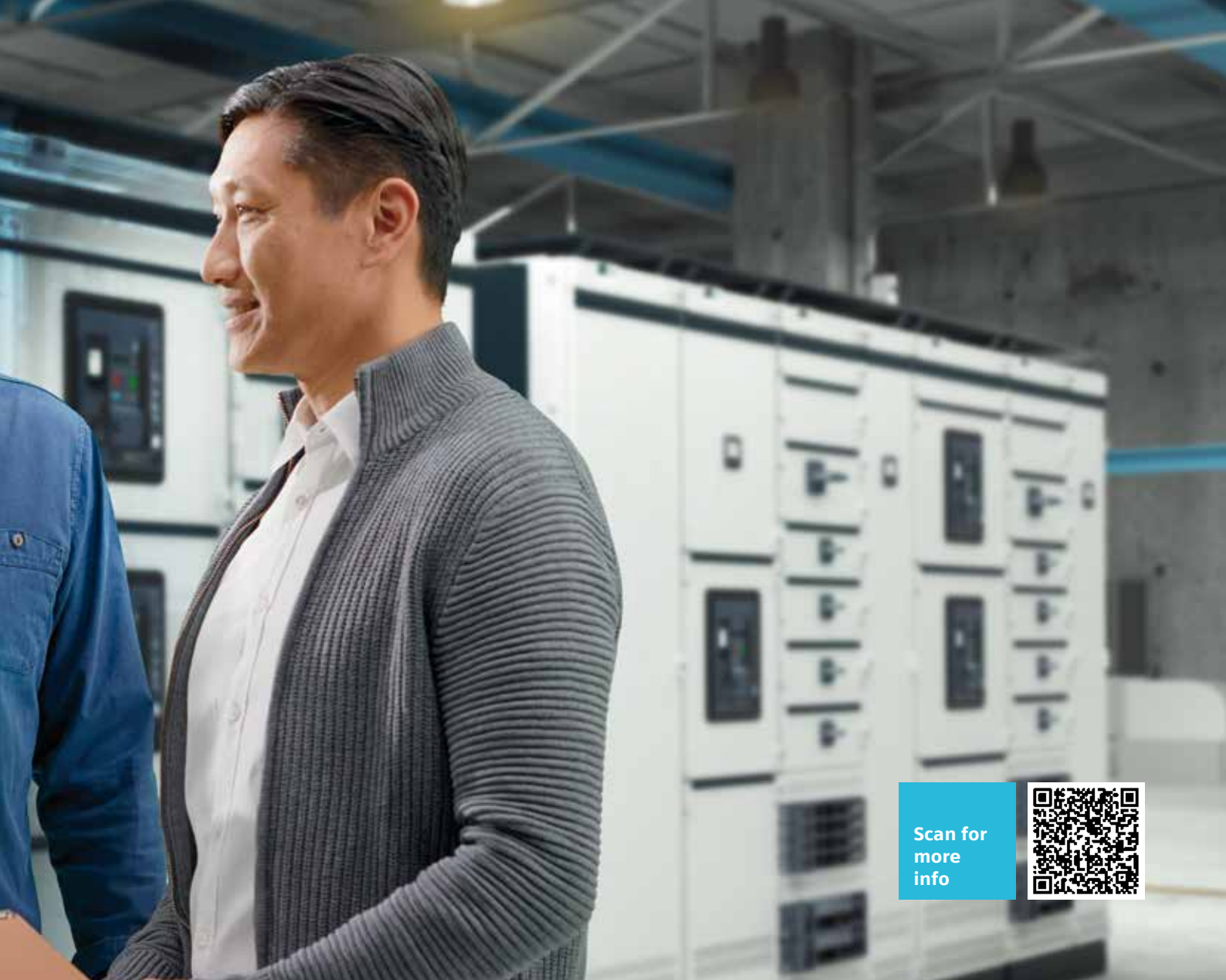


- Permanent flexibility
- Future-proof communication solutions
- High system transparency

### Enjoy consistency



- Consistent tool landscape
- Comfortable planning and project engineering



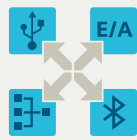
Scan for more info



Future ready



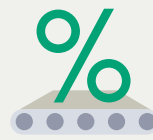
Easy operation



Advanced connectivity



Smallest footprint



Shorter downtime



Operator safety



Efficient metering



Easy upgrade



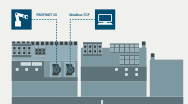
Enhanced safety



Cyber security



High system availability



Dual COM Profinet with CC-C

**SIEMENS**





# 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.

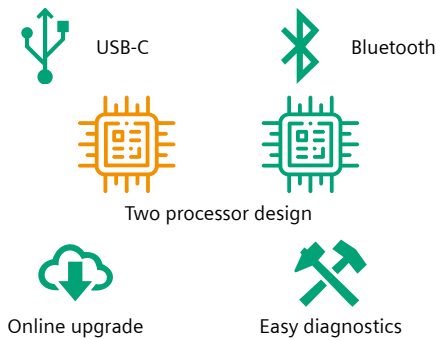
Welcome to the future of digital power distribution.

[siemens.com/3wa](https://www.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<sup>1)</sup> protection

| Frame Size | Rated Current In (A) |      | Withdrawable <sup>2)</sup> design with Guide Frame |            |                     |            |
|------------|----------------------|------|----------------------------------------------------|------------|---------------------|------------|
|            |                      |      | 3 Pole <sup>^</sup>                                | Unit LP* ₹ | 4 Pole <sup>^</sup> | 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 | 3WA1220-3AF32-0AA0                                 | POR        | 3WA1220-3AF42-0AA0  | POR        |
|            |                      |      | 3WA1220-3AF32-4EA4                                 | POR        | 3WA1220-3AF42-4EA4  | POR        |
|            |                      | 2500 | 3WA1225-3AF32-0AA0                                 | POR        | 3WA1225-3AF42-0AA0  | POR        |
|            |                      |      | 3WA1225-3AF32-4EA4                                 | POR        | 3WA1225-3AF42-4EA4  | POR        |
|            |                      | 3200 | 3WA1232-3AF32-0AA0                                 | POR        | 3WA1232-3AF42-0AA0  | POR        |
|            |                      |      | 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                                 | 3887375.-  | 3WA1350-5AF42-0AA0  | 4901095.-  |
|            |                      | EDO  | 3WA1350-5AF32-4EA4                                 | 4129880.-  | 3WA1350-5AF42-4EA4  | 5143600.-  |
|            | 6300                 | MDO  | 3WA1363-5AF31-0AA0                                 | 5186390.-  | 3WA1363-5AF41-0AA0  | 6487710.-  |
|            |                      | EDO  | 3WA1363-5AF31-4EA4                                 | 5428895.-  | 3WA1363-5AF41-4EA4  | 6730215.-  |

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

<sup>^</sup> 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 <sup>#</sup>          |           |
| Mutual Mechanical Interlocking (Bowden wire)    |           |
| PROFINET / MODBUS TCP Communication module      |           |

<sup>#</sup> Castell locks are to be ordered separately.

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

## Accessories

| Description                                                        | AC 50/60Hz V | DC V    | Type                        | Unit LP* ₹ |
|--------------------------------------------------------------------|--------------|---------|-----------------------------|------------|
| Shunt Release or Closing Coil<br>Suitable for continuous operation | —            | 24-30   | 3WA9111-0AD02               | 38600.-    |
|                                                                    | 110-127      | 110-125 | 3WA9111-0AD05               | 38600.-    |
|                                                                    | 208-240      | 220-250 | 3WA9111-0AD06               | 38600.-    |
| Under Voltage Release (Instantaneous)                              | 380-415      | —       | 3WA9111-0AE07               | 42665.-    |
| Motorised Operating Mechanism                                      | —            | 24-30   | 3WA9111-0AF02               | 213390.-   |
|                                                                    | 110-127      | 110-125 | 3WA9111-0AF05               | 213390.-   |
|                                                                    | 208-240      | 220-250 | 3WA9111-0AF06               | 213390.-   |
| Castell Lock                                                       | —            | —       | 3WX3663-6JEL_ <sup>\$</sup> | 10880.-    |

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.

<sup>\$</sup> 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

## ACB: SENTRON 3WL <sup>Plus</sup>

- Conforms to IEC 60947-2
- Rated current - 630A to 6300A
- Accurate protection through microprocessor based trip unit
- Unique ready-to-close interlock for maximum safety
- Mechanical contact erosion indicator
- Fully rated upto 55°C
- Neutral 100% rated
- Integrated online test facility
- Unique CubicleBus technology
- Data communication and power management options



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

Manually operated ACB

Microprocessor based trip unit ETU45B LSIN protection (Overload and short circuit protection)

| Frame Size | Rated Current In (A) | Type        | Withdrawable design with Guide Frame |            | Fixed mounted design |            |
|------------|----------------------|-------------|--------------------------------------|------------|----------------------|------------|
|            |                      |             | Unit LP* ₹                           | Unit LP* ₹ | Unit LP* ₹           | Unit LP* ₹ |
|            |                      |             | 3 Pole                               | 4 Pole     | 3 Pole               | 4 Pole     |
| I          | 630                  | 3WL1106.... | POR                                  | POR        | POR                  | POR        |
|            | 800                  | 3WL1108.... |                                      |            |                      |            |
|            | 1000                 | 3WL1110.... |                                      |            |                      |            |
|            | 1250                 | 3WL1112.... |                                      |            |                      |            |
|            | 1600                 | 3WL1116.... |                                      |            |                      |            |
| II         | 2000                 | 3WL1220.... |                                      |            |                      |            |
|            | 2500                 | 3WL1225.... |                                      |            |                      |            |
|            | 3200                 | 3WL1232.... |                                      |            |                      |            |
|            | 4000                 | 3WL1240.... |                                      |            |                      |            |
| III        | 5000                 | 3WL1350.... |                                      |            |                      |            |
|            | 6300                 | 3WL1363.... |                                      |            |                      |            |

Prices of ACBs with other breaking capacities available on request.

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

Note: Std. Pkg. = 1 unit

### Add-on options (Factory fitted)

| Microprocessor based Release                   | Add LP* ₹ |
|------------------------------------------------|-----------|
| For ground fault protection                    | POR       |
| Protection function LSIN with Current display  |           |
| Protection function LSING with Current display |           |

For prices of breakers with other types of microprocessor based trip unit, please contact your nearest Siemens Sales Office

| 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

All ACBs are with Top Horizontal - Bottom Horizontal main terminals except 6300A & 4000A which have only Vertical-Vertical main termination.

Standard Accessories included for draw out type ACB (EDO/MDO) = Safety shutter, door sealing frame, ready to close signal switch, auxiliary contacts 2NO+ 2NC and trip unit transparent cover & trip signal switch (Not applicable for ACBs without trip unit).

Standard accessories included for fixed type ACB (EF/MF) = Door sealing frame, ready to close signal switch, auxiliary contacts 2NO+2NC and trip unit transparent cover & trip signal switch (Not applicable for ACBs without trip unit)

Neutral CT if required, shall be ordered separately. \*Castell locks are to be ordered separately.

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

### Add-on options (Factory fitted)

| Description                                                                | Add LP* ₹ |
|----------------------------------------------------------------------------|-----------|
| Spring Charge Signal Switch                                                | POR       |
| Door Interlock                                                             |           |
| Position Signal Switch for Withdrawable Breaker                            |           |
| Castell lock mounting kit*                                                 |           |
| Mutual Mechanical Interlocking (Bowden wire)                               |           |
| Metering function Plus<br>(voltage transformer must be ordered separately) |           |
| Profibus communication connection (COM15 + BSS)                            |           |
| Modbus communication connection (COM16 + BSS)                              |           |
| Modbus TCP/PROFINET communication connection<br>(COM35 + BSS)              |           |

ACB for 1000/1150 V AC operation and DC application available on request

## Accessories

| Description                                                        | AC 50/60Hz V | DC V    | Type           | Unit LP* ₹ |
|--------------------------------------------------------------------|--------------|---------|----------------|------------|
| Shunt Release or Closing Coil<br>Suitable for continuous operation | —            | 24-30   | 3WA9111-0AD02  | 38600.-    |
|                                                                    | 110-127      | 110-125 | 3WA9111-0AD05  | 38600.-    |
|                                                                    | 208-240      | 220-250 | 3WA9111-0AD06  | 38600.-    |
| Under Voltage Release (Instantaneous)                              | 380-415      | —       | 3WA9111-0AE07  | 42665.-    |
| Motorised Operating Mechanism                                      | —            | 24-30   | 3WA9111-0AF02  | 213390.-   |
|                                                                    | 110-127      | 110-125 | 3WA9111-0AF05  | 213390.-   |
|                                                                    | 208-240      | 220-250 | 3WA9111-0AF06  | 213390.-   |
| Castell Lock                                                       | —            | —       | 3WX3663-6JEL_* | 10880.-    |

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





# 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
- From medium-voltage in-feed down to final distribution
- Based on calculations as per IS/ IEC standards
- With automatic selection of appropriate switchgear & components

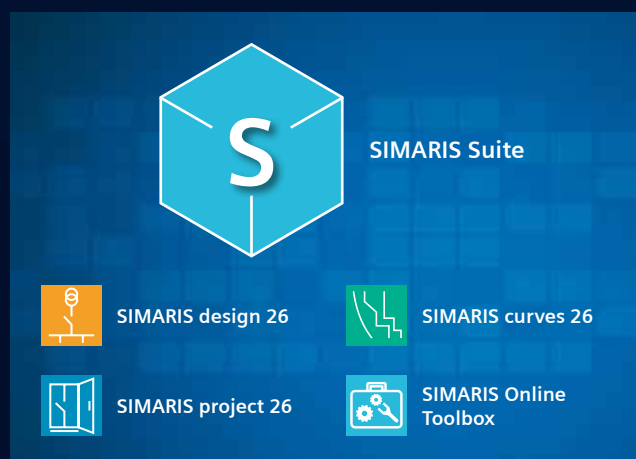
#### SIMARIS curves

Visualization & evaluation of:

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

\*Download FREE version from [www.siemens.com/simaris](http://www.siemens.com/simaris)

[www.siemens.com/simaris](http://www.siemens.com/simaris)



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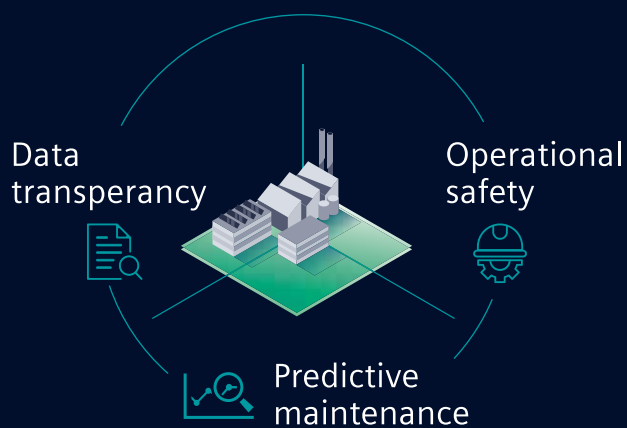


# SENTRON 3WT<sup>Plus</sup>

## Air Circuit Breakers

Powering smart installations

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



[www.siemens.co.in](http://www.siemens.co.in)

# SIEMENS

# ACB: SENTRON 3WT<sup>Plus</sup>

- 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<sup>1)</sup> + Display

| Frame Size | Rated current In (A) |     | Withdrawable design with Guide Frame <sup>2)</sup> |            |                    |            |
|------------|----------------------|-----|----------------------------------------------------|------------|--------------------|------------|
|            |                      |     | 3 Pole                                             | Unit LP* ₹ | 4 Pole             | Unit LP* ₹ |
| I          | 630                  | MDO | 3WT8061-6AA04-5AB2                                 | 610835.-   | 3WT8065-6AA04-5AB2 | 794100.-   |
|            |                      | EDO | 3WT8061-6UA34-5AB2                                 | 790110.-   | 3WT8065-6UA34-5AB2 | 973375.-   |
|            | 800                  | MDO | 3WT8081-6AA04-5AB2                                 | 644665.-   | 3WT8085-6AA04-5AB2 | 843890.-   |
|            |                      | EDO | 3WT8081-6UA34-5AB2                                 | 823940.-   | 3WT8085-6UA34-5AB2 | 1023165.-  |
|            | 1000                 | MDO | 3WT8101-6AA04-5AB2                                 | 662160.-   | 3WT8105-6AA04-5AB2 | 858900.-   |
|            |                      | EDO | 3WT8101-6UA34-5AB2                                 | 841435.-   | 3WT8105-6UA34-5AB2 | 1038175.-  |
|            | 1250                 | MDO | 3WT8121-6AA04-5AB2                                 | 813325.-   | 3WT8125-6AA04-5AB2 | 966890.-   |
|            |                      | EDO | 3WT8121-6UA34-5AB2                                 | 992600.-   | 3WT8125-6UA34-5AB2 | 1146165.-  |
|            | 1600                 | MDO | 3WT8161-6AA04-5AB2                                 | 872920.-   | 3WT8165-6AA04-5AB2 | 1056685.-  |
|            |                      | EDO | 3WT8161-6UA34-5AB2                                 | 1052195.-  | 3WT8165-6UA34-5AB2 | 1235960.-  |
| II         | 2000                 | MDO | 3WT8202-6AA04-5AB2                                 | 1096750.-  | 3WT8206-6AA04-5AB2 | 1349825.-  |
|            |                      | EDO | 3WT8202-6UA34-5AB2                                 | 1276025.-  | 3WT8206-6UA34-5AB2 | 1529100.-  |
|            | 2500                 | MDO | 3WT8252-6AA04-5AB2                                 | 1242295.-  | 3WT8256-6AA04-5AB2 | 1579385.-  |
|            |                      | EDO | 3WT8252-6UA34-5AB2                                 | 1421570.-  | 3WT8256-6UA34-5AB2 | 1758660.-  |
|            | 3200                 | MDO | 3WT8322-6AA04-5AB2                                 | 1592700.-  | 3WT8326-6AA04-5AB2 | 1954250.-  |
|            |                      | EDO | 3WT8322-6UA34-5AB2                                 | 1771975.-  | 3WT8326-6UA34-5AB2 | 2133525.-  |

### Microprocessor based Trip Units

ETU35WT: LSI + Display

5

Reduce

550.-

5

Reduce

550.-

### Microprocessor based trip unit ETU37WT: LSING<sup>1)</sup> + Display

| Frame Size | Rated current In (A) |    | Fixed Mounted design <sup>3)</sup> |            |                    |            |
|------------|----------------------|----|------------------------------------|------------|--------------------|------------|
|            |                      |    | 3 Pole                             | Unit LP* ₹ | 4 Pole             | Unit LP* ₹ |
| I          | 630                  | MF | 3WT8061-6AA00-0AA2                 | 448885.-   | 3WT8065-6AA00-0AA2 | 607310.-   |
|            |                      | EF | 3WT8061-6UA30-0AA2                 | 628160.-   | 3WT8065-6UA30-0AA2 | 786585.-   |
|            | 800                  | MF | 3WT8081-6AA00-0AA2                 | 484530.-   | 3WT8085-6AA00-0AA2 | 666685.-   |
|            |                      | EF | 3WT8081-6UA30-0AA2                 | 663805.-   | 3WT8085-6UA30-0AA2 | 845960.-   |
|            | 1000                 | MF | 3WT8101-6AA00-0AA2                 | 493945.-   | 3WT8105-6AA00-0AA2 | 706260.-   |
|            |                      | EF | 3WT8101-6UA30-0AA2                 | 673220.-   | 3WT8105-6UA30-0AA2 | 885535.-   |
|            | 1250                 | MF | 3WT8121-6AA00-0AA2                 | 671855.-   | 3WT8125-6AA00-0AA2 | 794480.-   |
|            |                      | EF | 3WT8121-6UA30-0AA2                 | 851130.-   | 3WT8125-6UA30-0AA2 | 973755.-   |
|            | 1600                 | MF | 3WT8161-6AA00-0AA2                 | 685985.-   | 3WT8165-6AA00-0AA2 | 851015.-   |
|            |                      | EF | 3WT8161-6UA30-0AA2                 | 865260.-   | 3WT8165-6UA30-0AA2 | 1030290.-  |
| II         | 2000                 | MF | 3WT8202-6AA00-0AA2                 | 771490.-   | 3WT8206-6AA00-0AA2 | 1107490.-  |
|            |                      | EF | 3WT8202-6UA30-0AA2                 | 950765.-   | 3WT8206-6UA30-0AA2 | 1286765.-  |
|            | 2500                 | MF | 3WT8252-6AA00-0AA2                 | 870840.-   | 3WT8256-6AA00-0AA2 | 1300285.-  |
|            |                      | EF | 3WT8252-6UA30-0AA2                 | 1050115.-  | 3WT8256-6UA30-0AA2 | 1479560.-  |
|            | 3200                 | MF | 3WT8322-6AA00-0AA2                 | 1325920.-  | 3WT8326-6AA00-0AA2 | 1632950.-  |
|            |                      | EF | 3WT8322-6UA30-0AA2                 | 1505195.-  | 3WT8326-6UA30-0AA2 | 1812225.-  |

### Microprocessor based Trip Units

ETU35WT: LSI + Display

5

Reduce

550.-

5

Reduce

550.-

**For Non-Automatic ACBs please deduct ₹ 1255/- 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<sup>1)</sup>

N: Neutral protection<sup>1)</sup>

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.

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

<sup>2)</sup> 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

<sup>3)</sup> 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<sup>Plus</sup> Accessories

| Description                                                                                                | AC 50/60Hz V              | DC V    | Type           | Unit LP* ₹ |
|------------------------------------------------------------------------------------------------------------|---------------------------|---------|----------------|------------|
| Motorized Operating Mechanism with Electrical closing                                                      | 110-127                   | 110-125 | 3WT9831-1JH00  | 192370.-   |
|                                                                                                            | 220-240                   | 220-250 | 3WT9831-1JK00  | 192370.-   |
| Shunt Release or Closing Coil                                                                              | –                         | 24      | 3WT9851-1JB00  | 16480.-    |
| Suitable for continuous operation                                                                          | 110-127                   | 110-125 | 3WT9851-1JH00  | 16480.-    |
|                                                                                                            | 220-240                   | 220-250 | 3WT9851-1JK00  | 16480.-    |
| Under Voltage Release Instantaneous                                                                        | 110-127                   | 110-125 | 3WT9853-1JH00  | 17110.-    |
|                                                                                                            | 208-240                   | 220-250 | 3WT9853-1JK00  | 17110.-    |
|                                                                                                            | 380-415                   | –       | 3WT9853-1JM00  | 17110.-    |
| Auxiliary Terminal Block                                                                                   | Fixed circuit breaker     |         | 3WT9825-1JC00  | 12035.-    |
|                                                                                                            | Drawout circuit breaker   |         | 3WT9827-1JA00  | 12035.-    |
| Auxiliary Switch Block                                                                                     | 2 Change over             |         | 3WT9816-1CE00  | 9210.-     |
| Position Signal Switch for Withdrawable Breaker                                                            | 3NO+3NC, 2NO+2NC, 1NO+1NC |         | 3WT9884-1JC10  | 37235.-    |
| 5 digit operating cycle counter                                                                            |                           |         | 3WT9864-0CA00  | 31090.-    |
| Blocking Device for preventing opening of cubicle door in service position: for Withdrawable Breaker       |                           |         | 3WT9867-1JC00  | 28900.-    |
| Blocking Device for preventing opening of cubicle door in ON position: for Fixed Breaker                   |                           |         | 3WT9867-2JA00  | 28900.-    |
| Castell Lock Mounting Kit (to prevent unauthorized closing of the circuit breaker)                         |                           |         | 3WT9863-6JE00  | 26670.-    |
| Castell Lock                                                                                               |                           |         | 3WX3663-6JEL_# | 10880.-    |
| Door Sealing Frame (Also suitable for 3WL ACB)                                                             |                           |         | 3WX3686-0JA00  | 6940.-     |
| External Current Sensor for N-conductor (For 3P ACB with Neutral or E/F Protection)                        | Size I                    |         | 3WA9111-0AA21  | 70680.-    |
|                                                                                                            | Size II                   |         | 3WA9111-0AA22  | 81960.-    |
| External Current Sensor for N-conductor with copper connectors (for 3P ACB with Neutral or E/F protection) | Size I                    |         | 3WA9111-0AA31  | 85135.-    |
|                                                                                                            | Size II                   |         | 3WA9111-0AA32  | 107575.-   |

# 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. <ul style="list-style-type: none"><li>Minimum Shut Down Time</li><li>No change in the existing panel except door cut out</li><li>No change in the existing panel bus-bars</li><li>Proven Siemens Design</li><li>No over heating</li><li>Cost Effective &amp; Quality Solution</li></ul> | Upon enquiry |

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

# 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



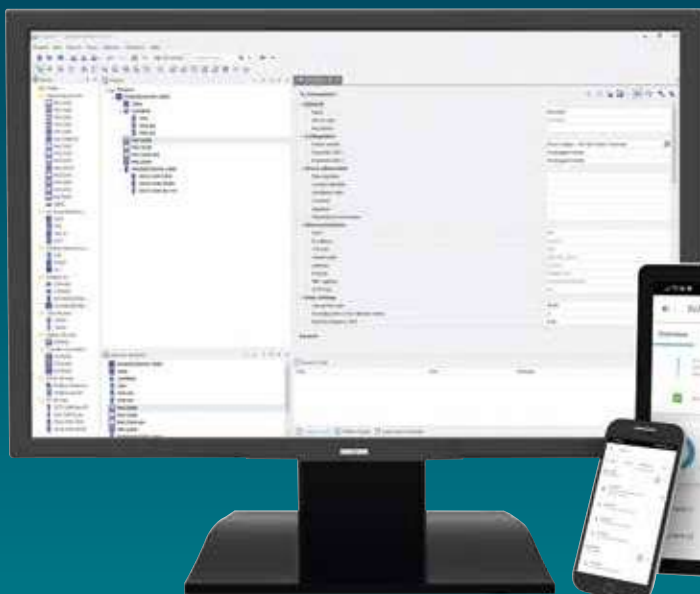
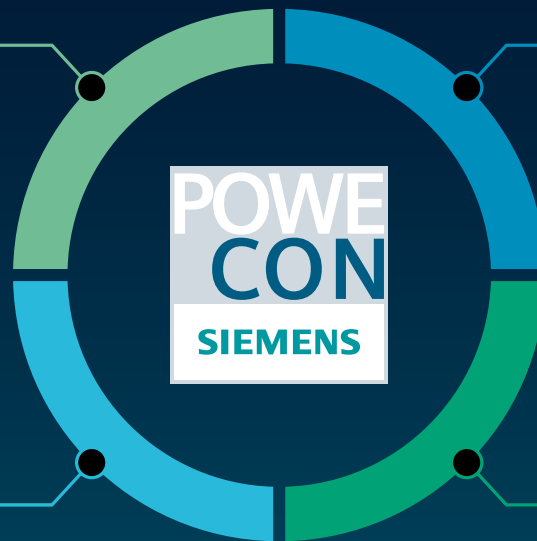
## Service

- Firmware update
- Function upgrade



## Documentation

- Project file
- Documentation export
- Device template



# SIEMENS



# 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](http://www.siemens.co.in)





**SIEMENS**



# 3VA moulded case circuit breakers



Discover the perfect system

[www.siemens.com/3VA](http://www.siemens.com/3VA)

# SIEMENS



## MCCB: SENTRON 3VA

- Rated current: 16A to 1250A
- 1 pole<sup>^</sup>, 2 pole<sup>^</sup>, 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<br>@ 415VAC, 50/60Hz | Rated Current<br>In (A) | 3 Pole             |            | 4 Pole             |            |
|------------|----------------------------------------|-------------------------|--------------------|------------|--------------------|------------|
|            |                                        |                         | Type               | Unit LP* ₹ | Type               | Unit LP* ₹ |
| 3VA10      | 16kA                                   | 16                      | 3VA1096-2ED32-0AA0 | 20580.-    | 3VA1096-2ED42-0AA0 | 26675.-    |
|            |                                        | 20                      | 3VA1020-2ED32-0AA0 | 20580.-    | 3VA1020-2ED42-0AA0 | 26675.-    |
|            |                                        | 25                      | 3VA1025-2ED32-0AA0 | 20580.-    | 3VA1025-2ED42-0AA0 | 26675.-    |
|            |                                        | 32                      | 3VA1032-2ED32-0AA0 | 20580.-    | 3VA1032-2ED42-0AA0 | 26675.-    |
|            |                                        | 40                      | 3VA1040-2ED32-0AA0 | 20580.-    | 3VA1040-2ED42-0AA0 | 26675.-    |
|            |                                        | 50                      | 3VA1050-2ED32-0AA0 | 20580.-    | 3VA1050-2ED42-0AA0 | 26675.-    |
|            |                                        | 63                      | 3VA1063-2ED32-0AA0 | 20580.-    | 3VA1063-2ED42-0AA0 | 26675.-    |
|            |                                        | 80                      | 3VA1080-2ED32-0AA0 | 22505.-    | 3VA1080-2ED42-0AA0 | 29240.-    |
|            |                                        | 100                     | 3VA1010-2ED32-0AA0 | 26060.-    | 3VA1010-2ED42-0AA0 | 33935.-    |
| 3VA10      | 25kA                                   | 16                      | 3VA1096-3ED32-0AA0 | 21140.-    | 3VA1096-3ED42-0AA0 | 27575.-    |
|            |                                        | 20                      | 3VA1020-3ED32-0AA0 | 21140.-    | 3VA1020-3ED42-0AA0 | 27575.-    |
|            |                                        | 25                      | 3VA1025-3ED32-0AA0 | 21140.-    | 3VA1025-3ED42-0AA0 | 27575.-    |
|            |                                        | 32                      | 3VA1032-3ED32-0AA0 | 21140.-    | 3VA1032-3ED42-0AA0 | 27575.-    |
|            |                                        | 40                      | 3VA1040-3ED32-0AA0 | 21140.-    | 3VA1040-3ED42-0AA0 | 27575.-    |
|            |                                        | 50                      | 3VA1050-3ED32-0AA0 | 21140.-    | 3VA1050-3ED42-0AA0 | 27575.-    |
|            |                                        | 63                      | 3VA1063-3ED32-0AA0 | 21140.-    | 3VA1063-3ED42-0AA0 | 27575.-    |
|            |                                        | 80                      | 3VA1080-3ED32-0AA0 | 22980.-    | 3VA1080-3ED42-0AA0 | 29910.-    |
|            |                                        | 100                     | 3VA1010-3ED32-0AA0 | 27100.-    | 3VA1010-3ED42-0AA0 | 34625.-    |
| 3VA11      |                                        | 125                     | 3VA1112-3ED32-0AA0 | 45690.-    | 3VA1112-3ED42-0AA0 | 58220.-    |
|            |                                        | 160                     | 3VA1116-3ED32-0AA0 | 52170.-    | 3VA1116-3ED42-0AA0 | 67890.-    |
| 3VA10      | 36kA                                   | 16                      | 3VA1096-4ED32-0AA0 | 22310.-    | 3VA1196-4GD42-0AA0 | 30865.-    |
|            |                                        | 20                      | 3VA1020-4ED32-0AA0 | 22310.-    | 3VA1120-4GD42-0AA0 | 30865.-    |
|            |                                        | 25                      | 3VA1025-4ED32-0AA0 | 22310.-    | 3VA1125-4GD42-0AA0 | 30865.-    |
|            |                                        | 32                      | 3VA1032-4ED32-0AA0 | 22310.-    | 3VA1132-4GD42-0AA0 | 30865.-    |
|            |                                        | 40                      | 3VA1040-4ED32-0AA0 | 22310.-    | 3VA1140-4GD42-0AA0 | 30865.-    |
|            |                                        | 50                      | 3VA1050-4ED32-0AA0 | 22310.-    | 3VA1150-4GD42-0AA0 | 30865.-    |
|            |                                        | 63                      | 3VA1063-4ED32-0AA0 | 22310.-    | 3VA1163-4GD42-0AA0 | 30865.-    |
|            |                                        | 80                      | 3VA1080-4ED32-0AA0 | 23405.-    | 3VA1180-4GD42-0AA0 | 33845.-    |
|            |                                        | 100                     | 3VA1010-4ED32-0AA0 | 28175.-    | 3VA1110-4GD42-0AA0 | 39095.-    |
| 3VA11      |                                        | 125                     | 3VA1112-4ED32-0AA0 | 48680.-    | 3VA1112-4GD42-0AA0 | 63280.-    |
|            |                                        | 160                     | 3VA1116-4ED32-0AA0 | 56760.-    | 3VA1116-4GD42-0AA0 | 73800.-    |
| 3VA11      | 55kA                                   | 16                      | 3VA1196-5ED32-0AA0 | 26140.-    | 3VA1196-5GD42-0AA0 | 33935.-    |
|            |                                        | 20                      | 3VA1120-5ED32-0AA0 | 26140.-    | 3VA1120-5GD42-0AA0 | 33935.-    |
|            |                                        | 25                      | 3VA1125-5ED32-0AA0 | 26140.-    | 3VA1125-5GD42-0AA0 | 33935.-    |
|            |                                        | 32                      | 3VA1132-5ED32-0AA0 | 26140.-    | 3VA1132-5GD42-0AA0 | 33935.-    |
|            |                                        | 40                      | 3VA1140-5ED32-0AA0 | 26140.-    | 3VA1140-5GD42-0AA0 | 33935.-    |
|            |                                        | 50                      | 3VA1150-5ED32-0AA0 | 26140.-    | 3VA1150-5GD42-0AA0 | 33935.-    |
|            |                                        | 63                      | 3VA1163-5ED32-0AA0 | 26640.-    | 3VA1163-5GD42-0AA0 | 33935.-    |
|            |                                        | 80                      | 3VA1180-5ED32-0AA0 | 28685.-    | 3VA1180-5GD42-0AA0 | 37260.-    |
|            |                                        | 100                     | 3VA1110-5ED32-0AA0 | 33205.-    | 3VA1110-5GD42-0AA0 | 43060.-    |
|            |                                        | 125                     | 3VA1112-5ED32-0AA0 | 53500.-    | 3VA1112-5GD42-0AA0 | 69530.-    |
|            |                                        | 160                     | 3VA1116-5ED32-0AA0 | 62380.-    | 3VA1116-5GD42-0AA0 | 81185.-    |

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

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



SENTRON 3VA - Flying on the wings of technology

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

| Frame Size | Breaking Capacity<br>@ 415VAC, 50/60Hz | Rated Current<br>In (A) | 3 Pole             |                    | 4 Pole             |            |
|------------|----------------------------------------|-------------------------|--------------------|--------------------|--------------------|------------|
|            |                                        |                         | Type               | Unit LP* ₹         | Type               | Unit LP* ₹ |
| 3VA11      | 25kA                                   | 16                      | 3VA1196-3EE32-0AA0 | 26825.-            | 3VA1196-3GE42-0AA0 | 38425.-    |
|            |                                        | 20                      | 3VA1120-3EE32-0AA0 | 26825.-            | 3VA1120-3GE42-0AA0 | 38425.-    |
|            |                                        | 25                      | 3VA1125-3EE32-0AA0 | 26825.-            | 3VA1125-3GE42-0AA0 | 38425.-    |
|            |                                        | 32                      | 3VA1132-3EE32-0AA0 | 26825.-            | 3VA1132-3GE42-0AA0 | 38425.-    |
|            |                                        | 40                      | 3VA1140-3EE32-0AA0 | 26825.-            | 3VA1140-3GE42-0AA0 | 38425.-    |
|            |                                        | 50                      | 3VA1150-3EE32-0AA0 | 26825.-            | 3VA1150-3GE42-0AA0 | 38425.-    |
|            |                                        | 63                      | 3VA1163-3EE32-0AA0 | 26825.-            | 3VA1163-3GE42-0AA0 | 38425.-    |
|            |                                        | 80                      | 3VA1180-3EE32-0AA0 | 26825.-            | 3VA1180-3GE42-0AA0 | 38425.-    |
|            |                                        | 100                     | 3VA1110-3EE32-0AA0 | 28685.-            | 3VA1110-3GE42-0AA0 | 38425.-    |
|            |                                        | 125                     | 3VA1112-3EE32-0AA0 | 48680.-            | 3VA1112-3GE42-0AA0 | 59945.-    |
| 3VA11      | 36kA                                   | 160                     | 3VA1116-3EE32-0AA0 | 53705.-            | 3VA1116-3GE42-0AA0 | 69625.-    |
|            |                                        | 16                      | 3VA1196-4EE32-0AA0 | 33125.-            | 3VA1196-4GE42-0AA0 | 43350.-    |
|            |                                        | 20                      | 3VA1120-4EE32-0AA0 | 33125.-            | 3VA1120-4GE42-0AA0 | 43350.-    |
|            |                                        | 25                      | 3VA1125-4EE32-0AA0 | 33125.-            | 3VA1125-4GE42-0AA0 | 43350.-    |
|            |                                        | 32                      | 3VA1132-4EE32-0AA0 | 33125.-            | 3VA1132-4GE42-0AA0 | 43350.-    |
|            |                                        | 40                      | 3VA1140-4EE32-0AA0 | 33125.-            | 3VA1140-4GE42-0AA0 | 43350.-    |
|            |                                        | 50                      | 3VA1150-4EE32-0AA0 | 33125.-            | 3VA1150-4GE42-0AA0 | 43350.-    |
|            |                                        | 63                      | 3VA1163-4EE32-0AA0 | 33125.-            | 3VA1163-4GE42-0AA0 | 43350.-    |
|            |                                        | 80                      | 3VA1180-4EE32-0AA0 | 33125.-            | 3VA1180-4GE42-0AA0 | 43350.-    |
|            |                                        | 100                     | 3VA1110-4EE32-0AA0 | 33125.-            | 3VA1110-4GE42-0AA0 | 43350.-    |
| 3VA12      | 55kA                                   | 125                     | 3VA1112-4EE32-0AA0 | 50970.-            | 3VA1112-4GE42-0AA0 | 64930.-    |
|            |                                        | 160                     | 3VA1116-4EE32-0AA0 | 58345.-            | 3VA1116-4GE42-0AA0 | 75715.-    |
|            |                                        | 200                     | 3VA1220-4EE32-0AA0 | 73590.-            | 3VA1220-4GE42-0AA0 | 90670.-    |
|            |                                        | 250                     | 3VA1225-4EE32-0AA0 | 78010.-            | 3VA1225-4GE42-0AA0 | 97945.-    |
| 3VA13      |                                        | 320                     | 3VA1332-4EE32-0AA0 | 104615.-           | 3VA1332-4GE42-0AA0 | 135440.-   |
|            |                                        | 400                     | 3VA1340-4EE32-0AA0 | 104615.-           | 3VA1340-4GE42-0AA0 | 135440.-   |
| 3VA14      |                                        | 500                     | 3VA1450-4EE32-0AA0 | 135025.-           | 3VA1450-4GE42-0AA0 | 174910.-   |
|            |                                        | 630                     | 3VA1463-4EE32-0AA0 | 135025.-           | 3VA1463-4GE42-0AA0 | 174910.-   |
| 3VA11      | 70kA                                   | 16                      | 3VA1196-5EE32-0AA0 | 37740.-            | 3VA1196-5GE42-0AA0 | 47700.-    |
|            |                                        | 20                      | 3VA1120-5EE32-0AA0 | 37740.-            | 3VA1120-5GE42-0AA0 | 47700.-    |
|            |                                        | 25                      | 3VA1125-5EE32-0AA0 | 37740.-            | 3VA1125-5GE42-0AA0 | 47700.-    |
|            |                                        | 32                      | 3VA1132-5EE32-0AA0 | 37740.-            | 3VA1132-5GE42-0AA0 | 47700.-    |
|            |                                        | 40                      | 3VA1140-5EE32-0AA0 | 37740.-            | 3VA1140-5GE42-0AA0 | 47700.-    |
|            |                                        | 50                      | 3VA1150-5EE32-0AA0 | 37740.-            | 3VA1150-5GE42-0AA0 | 47700.-    |
|            |                                        | 63                      | 3VA1163-5EE32-0AA0 | 37740.-            | 3VA1163-5GE42-0AA0 | 47700.-    |
|            |                                        | 80                      | 3VA1180-5EE32-0AA0 | 37740.-            | 3VA1180-5GE42-0AA0 | 47700.-    |
|            |                                        | 100                     | 3VA1110-5EE32-0AA0 | 37740.-            | 3VA1110-5GE42-0AA0 | 47700.-    |
|            |                                        | 125                     | 3VA1112-5EE32-0AA0 | 59280.-            | 3VA1112-5GE42-0AA0 | 71195.-    |
| 3VA12      |                                        | 160                     | 3VA1116-5EE32-0AA0 | 64130.-            | 3VA1116-5GE42-0AA0 | 82765.-    |
|            |                                        | 200                     | 3VA1220-5EE32-0AA0 | 76630.-            | 3VA1220-5GE42-0AA0 | 93590.-    |
|            |                                        | 250                     | 3VA1225-5EE32-0AA0 | 81245.-            | 3VA1225-5GE42-0AA0 | 102935.-   |
|            |                                        | 320                     | 3VA1332-5EE32-0AA0 | 119290.-           | 3VA1332-5GE42-0AA0 | 149430.-   |
| 3VA13      |                                        | 400                     | 3VA1340-5EE32-0AA0 | 119290.-           | 3VA1340-5GE42-0AA0 | 149430.-   |
|            |                                        | 500                     | 3VA1450-5EE32-0AA0 | 154285.-           | 3VA1450-5GE42-0AA0 | 192740.-   |
| 3VA14      |                                        | 630                     | 3VA1463-5EE32-0AA0 | 154285.-           | 3VA1463-5GE42-0AA0 | 192740.-   |
|            |                                        | 800*                    | 3VA1580-5EF32-0AA0 | 230500.-           | 3VA1580-5GF42-0AA0 | 298705.-   |
| 3VA15      |                                        | 1000#                   | 3VA1510-5EF32-0AA0 | 322015.-           | 3VA1510-5GF42-0AA0 | 417850.-   |
|            | 16                                     | 3VA1196-6EE32-0AA0      | 51650.-            | 3VA1196-6GE42-0AA0 | 64910.-            |            |
| 3VA11      | 70kA                                   | 20                      | 3VA1120-6EE32-0AA0 | 51650.-            | 3VA1120-6GE42-0AA0 | 64910.-    |
|            |                                        | 25                      | 3VA1125-6EE32-0AA0 | 51650.-            | 3VA1125-6GE42-0AA0 | 64910.-    |
|            |                                        | 32                      | 3VA1132-6EE32-0AA0 | 51650.-            | 3VA1132-6GE42-0AA0 | 64910.-    |
|            |                                        | 40                      | 3VA1140-6EE32-0AA0 | 51650.-            | 3VA1140-6GE42-0AA0 | 64910.-    |
|            |                                        | 50                      | 3VA1150-6EE32-0AA0 | 51650.-            | 3VA1150-6GE42-0AA0 | 64910.-    |
|            |                                        | 63                      | 3VA1163-6EE32-0AA0 | 51650.-            | 3VA1163-6GE42-0AA0 | 64910.-    |
|            |                                        | 80                      | 3VA1180-6EE32-0AA0 | 51650.-            | 3VA1180-6GE42-0AA0 | 64910.-    |
|            |                                        | 100                     | 3VA1110-6EE32-0AA0 | 51650.-            | 3VA1110-6GE42-0AA0 | 64910.-    |
|            |                                        | 125                     | 3VA1112-6EE32-0AA0 | 96025.-            | 3VA1112-6GE42-0AA0 | 102960.-   |
|            |                                        | 160                     | 3VA1116-6EE32-0AA0 | 96025.-            | 3VA1116-6GE42-0AA0 | 102960.-   |
| 3VA12      |                                        | 200                     | 3VA1220-6EE32-0AA0 | 103345.-           | 3VA1220-6GE42-0AA0 | 132985.-   |
|            |                                        | 250                     | 3VA1225-6EE32-0AA0 | 115820.-           | 3VA1225-6GE42-0AA0 | 132985.-   |
| 3VA13      |                                        | 320                     | 3VA1332-6EE32-0AA0 | 130750.-           | 3VA1332-6GE42-0AA0 | 169025.-   |
|            |                                        | 400                     | 3VA1340-6EE32-0AA0 | 130750.-           | 3VA1340-6GE42-0AA0 | 169025.-   |
| 3VA14      |                                        | 500                     | 3VA1450-6EE32-0AA0 | 185860.-           | 3VA1450-6GE42-0AA0 | 240970.-   |
|            |                                        | 630                     | 3VA1463-6EE32-0AA0 | 185860.-           | 3VA1463-6GE42-0AA0 | 240970.-   |
| 3VA15      |                                        | 800*                    | 3VA1580-6EF32-0AA0 | 253825.-           | 3VA1580-6GF42-0AA0 | 328930.-   |
|            |                                        | 1000#                   | 3VA1510-6EF32-0AA0 | 353950.-           | 3VA1510-6GF42-0AA0 | 460130.-   |

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<br>@ 415VAC, 50/60Hz | Rated Current<br>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<br>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*                     | 34710.-    | 3VA1181-6MG32-0AA0*                     | 42625.-    |
|            | 2                       | 3VA1102-5MG32-0AA0*                     | 34710.-    | 3VA1102-6MG32-0AA0*                     | 42625.-    |
|            | 4                       | 3VA1104-5MG32-0AA0*                     | 34710.-    | 3VA1104-6MG32-0AA0*                     | 42625.-    |
|            | 8                       | 3VA1108-5MG32-0AA0*                     | 34710.-    | 3VA1108-6MG32-0AA0*                     | 42625.-    |
|            | 12.5                    | 3VA1192-5MG32-0AA0*                     | 34710.-    | 3VA1192-6MG32-0AA0*                     | 42625.-    |
|            | 20                      | 3VA1120-5MH32-0AA0                      | 34710.-    | 3VA1120-6MH32-0AA0                      | 42625.-    |
|            | 32                      | 3VA1132-5MH32-0AA0                      | 41460.-    | 3VA1132-6MH32-0AA0                      | 44675.-    |
|            | 40                      | 3VA1140-5MH32-0AA0                      | 41460.-    | 3VA1140-6MH32-0AA0                      | 44675.-    |
|            | 50                      | 3VA1150-5MH32-0AA0                      | 41460.-    | 3VA1150-6MH32-0AA0                      | 44675.-    |
|            | 63                      | 3VA1163-5MH32-0AA0                      | 41460.-    | 3VA1163-6MH32-0AA0                      | 44675.-    |
|            | 80                      | 3VA1180-5MH32-0AA0                      | 41460.-    | 3VA1180-6MH32-0AA0                      | 44675.-    |
|            | 100                     | 3VA1110-5MH32-0AA0                      | 41460.-    | 3VA1110-6MH32-0AA0                      | 44675.-    |
|            | 125                     | 3VA1112-5MH32-0AA0                      | 59470.-    | 3VA1112-6MH32-0AA0                      | 64290.-    |
| 3VA12      | 160                     | 3VA1216-5MH32-0AA0                      | 62410.-    | 3VA1216-6MH32-0AA0                      | 88925.-    |
|            | 200                     | 3VA1220-5MH32-0AA0                      | 85830.-    | 3VA1220-6MH32-0AA0                      | 105330.-   |
| 3VA13      | 250                     | 3VA1325-5MH32-0AA0                      | 93660.-    | 3VA1325-6MH32-0AA0                      | 106595.-   |
|            | 320                     | 3VA1332-5MH32-0AA0                      | 128515.-   | 3VA1332-6MH32-0AA0                      | 146450.-   |
| 3VA14      | 400                     | 3VA1440-5MH32-0AA0                      | 147110.-   | 3VA1440-6MH32-0AA0                      | 153715.-   |
|            | 500                     | 3VA1450-5MH32-0AA0                      | 169350.-   | 3VA1450-6MH32-0AA0                      | 192275.-   |
| 3VA15      | 630                     | 3VA1563-5MH32-0AA0                      | 195235.-   | 3VA1563-6MH32-0AA0                      | 212690.-   |
|            | 800                     | 3VA1580-5MH32-0AA0                      | 259330.-   | 3VA1580-6MH32-0AA0                      | 285560.-   |

POR: Price On Request

Std. Pkg. = 1 unit

\* LP - List Price

& Fixed magnetic trip unit

SETRON 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 | 29130.-    | 3VA1163-1AA42-0AA0 | 43050.-    |
|            |                   | 100                  | 3VA1110-1AA32-0AA0 | 29130.-    | 3VA1110-1AA42-0AA0 | 43050.-    |
|            |                   | 125                  | 3VA1112-1AA32-0AA0 | 59590.-    | 3VA1112-1AA42-0AA0 | 79445.-    |
|            |                   | 160                  | 3VA1116-1AA32-0AA0 | 59590.-    | 3VA1116-1AA42-0AA0 | 79445.-    |
| 3VA12      | NA                | 250                  | 3VA1225-1AA32-0AA0 | 59590.-    | 3VA1225-1AA42-0AA0 | 79445.-    |
| 3VA13      | NA                | 400                  | 3VA1340-1AA32-0AA0 | 76855.-    | 3VA1340-1AA42-0AA0 | 99940.-    |

NA - Not Applicable

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

### Earth fault monitoring relay

| Description                                  | Type          | Unit LP* ₹ |
|----------------------------------------------|---------------|------------|
| Earth fault monitoring relay                 | 7UG0861-1BU20 | 9755.-     |
| CBCT for EFR: 160 frame                      | 3P            | 3365.-     |
| Suitable for 3VA1 up to 160A                 | 4P            | 3840.-     |
| CBCT for EFR: 250 frame                      | 3P            | 4065.-     |
| Suitable for 3VA1 250A, 3VA2 up to 160A/250A | 4P            | 4790.-     |
| CBCT for EFR: 630 frame                      | 3P            | 5995.-     |
| Suitable for 3VA1/3VA2 400A/ 630A            | 4P            | 6490.-     |



### Earth leakage monitoring relay

| Description            | Type       | Unit LP* ₹ |
|------------------------|------------|------------|
| Earth leakage relay    | 110VAC     | 9440.-     |
| 1Ph-2W, 3Ph-3W, 3Ph-4W | 230VAC     | 9535.-     |
| CBCT for ELR           | 35 mm dia  | 3430.-     |
|                        | 70 mm dia  | 3925.-     |
|                        | 120 mm dia | 6690.-     |
|                        | 210 mm dia | 12860.-    |
|                        | 310 mm dia | 19170.-    |



Note: Order 1 no of shunt trip release for MCCB separately 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



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

Inbuilt  
in ETU5

[www.siemens.co.in](http://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



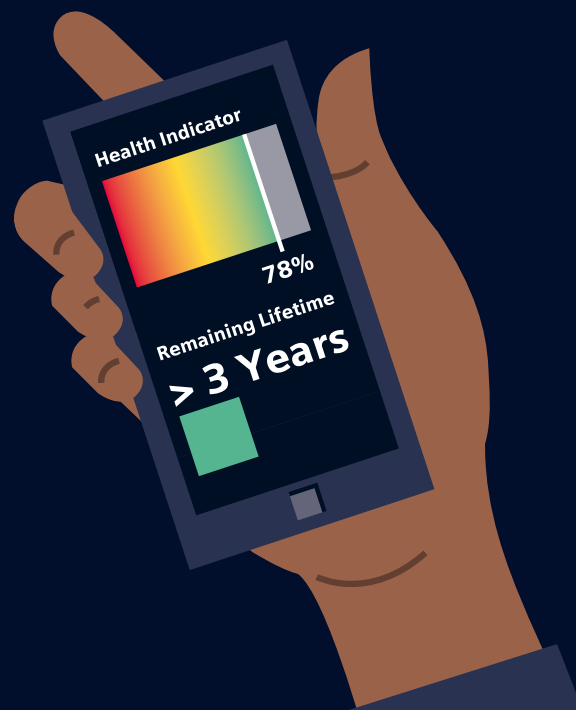
Reduced time and costs for  
maintenance



### 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 - Flying on the wings of technology

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

| Frame Size | Breaking Capacity<br>@ 415VAC, 50/60Hz | Rated Current<br>In (A) | 3 Pole             |            | 4 Pole             |            |
|------------|----------------------------------------|-------------------------|--------------------|------------|--------------------|------------|
|            |                                        |                         | Type               | Unit LP* ₹ | Type               | Unit LP* ₹ |
| 3VA20      | 36kA                                   | 25                      | 3VA2025-4HL32-0AA0 | 68430.-    | 3VA2025-4HL42-0AA0 | 88225.-    |
|            |                                        | 40                      | 3VA2040-4HL32-0AA0 | 68430.-    | 3VA2040-4HL42-0AA0 | 88225.-    |
|            |                                        | 63                      | 3VA2063-4HL32-0AA0 | 68430.-    | 3VA2063-4HL42-0AA0 | 88225.-    |
|            |                                        | 100                     | 3VA2010-4HL32-0AA0 | 68430.-    | 3VA2010-4HL42-0AA0 | 88225.-    |
| 3VA21      |                                        | 160                     | 3VA2116-4HL32-0AA0 | 92525.-    | 3VA2116-4HL42-0AA0 | 129145.-   |
| 3VA22      |                                        | 250                     | 3VA2225-4HL32-0AA0 | 126980.-   | 3VA2225-4HL42-0AA0 | 172175.-   |
| 3VA23      |                                        | 400                     | 3VA2340-4HL32-0AA0 | 169655.-   | 3VA2340-4HL42-0AA0 | 223295.-   |
| 3VA24      |                                        | 630                     | 3VA2463-4HL32-0AA0 | 176375.-   | 3VA2463-4HL42-0AA0 | 233720.-   |
| 3VA20      | 55kA                                   | 25                      | 3VA2025-5HL32-0AA0 | 87030.-    | 3VA2025-5HL42-0AA0 | 119225.-   |
|            |                                        | 40                      | 3VA2040-5HL32-0AA0 | 87030.-    | 3VA2040-5HL42-0AA0 | 119225.-   |
|            |                                        | 63                      | 3VA2063-5HL32-0AA0 | 87030.-    | 3VA2063-5HL42-0AA0 | 119225.-   |
|            |                                        | 100                     | 3VA2010-5HL32-0AA0 | 87030.-    | 3VA2010-5HL42-0AA0 | 119225.-   |
| 3VA21      |                                        | 160                     | 3VA2116-5HL32-0AA0 | 110315.-   | 3VA2116-5HL42-0AA0 | 142850.-   |
| 3VA22      |                                        | 250                     | 3VA2225-5HL32-0AA0 | 144125.-   | 3VA2225-5HL42-0AA0 | 190295.-   |
| 3VA23      |                                        | 400                     | 3VA2340-5HL32-0AA0 | 182930.-   | 3VA2340-5HL42-0AA0 | 239735.-   |
| 3VA24      |                                        | 630                     | 3VA2463-5HL32-0AA0 | 224710.-   | 3VA2463-5HL42-0AA0 | 250945.-   |
| 3VA25      |                                        | 800                     | 3VA2580-5HL32-0AA0 | 328560.-   | 3VA2580-5HL42-0AA0 | 420295.-   |
|            |                                        | 1000                    | 3VA2510-5HL32-0AA0 | 435360.-   | 3VA2510-5HL42-0AA0 | 581220.-   |
| 3VA26      |                                        | 1250                    | 3VA2612-5HL32-0AA0 | 617255.-   | 3VA2612-5HL42-0AA0 | 824230.-   |
| 3VA20      | 85kA                                   | 25                      | 3VA2025-6HL32-0AA0 | 113780.-   | 3VA2025-6HL42-0AA0 | 140950.-   |
|            |                                        | 40                      | 3VA2040-6HL32-0AA0 | 113780.-   | 3VA2040-6HL42-0AA0 | 140950.-   |
|            |                                        | 63                      | 3VA2063-6HL32-0AA0 | 113780.-   | 3VA2063-6HL42-0AA0 | 140950.-   |
|            |                                        | 100                     | 3VA2010-6HL32-0AA0 | 113780.-   | 3VA2010-6HL42-0AA0 | 140950.-   |
| 3VA21      |                                        | 160                     | 3VA2116-6HL32-0AA0 | 149190.-   | 3VA2116-6HL42-0AA0 | 190450.-   |
| 3VA22      |                                        | 250                     | 3VA2225-6HL32-0AA0 | 165695.-   | 3VA2225-6HL42-0AA0 | 241295.-   |
| 3VA23      |                                        | 400                     | 3VA2340-6HL32-0AA0 | 207920.-   | 3VA2340-6HL42-0AA0 | 273005.-   |
| 3VA24      |                                        | 630                     | 3VA2463-6HL32-0AA0 | 248395.-   | 3VA2463-6HL42-0AA0 | 331420.-   |
| 3VA25      |                                        | 800                     | 3VA2580-6HL32-0AA0 | 361240.-   | 3VA2580-6HL42-0AA0 | 480505.-   |
|            |                                        | 1000                    | 3VA2510-6HL32-0AA0 | 497880.-   | 3VA2510-6HL42-0AA0 | 664590.-   |
| 3VA26      |                                        | 1250                    | 3VA2612-6HL32-0AA0 | 705425.-   | 3VA2612-6HL42-0AA0 | 944250.-   |

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

| Frame Size | Breaking Capacity<br>@ 415VAC, 50/60Hz | Rated Current<br>In (A) | 3 Pole             |            | 4 Pole             |            |
|------------|----------------------------------------|-------------------------|--------------------|------------|--------------------|------------|
|            |                                        |                         | Type               | Unit LP* ₹ | Type               | Unit LP* ₹ |
| 3VA20      | 36kA                                   | 25                      | 3VA2025-4HM32-0AA0 | 94255.-    | 3VA2025-4HM42-0AA0 | 116200.-   |
|            |                                        | 40                      | 3VA2040-4HM32-0AA0 | 94255.-    | 3VA2040-4HM42-0AA0 | 116200.-   |
|            |                                        | 63                      | 3VA2063-4HM32-0AA0 | 94255.-    | 3VA2063-4HM42-0AA0 | 116200.-   |
|            |                                        | 100                     | 3VA2010-4HM32-0AA0 | 94255.-    | 3VA2010-4HM42-0AA0 | 116200.-   |
| 3VA21      |                                        | 160                     | 3VA2116-4HM32-0AA0 | 119225.-   | 3VA2116-4HM42-0AA0 | 148480.-   |
| 3VA22      |                                        | 250                     | 3VA2225-4HM32-0AA0 | 150680.-   | 3VA2225-4HM42-0AA0 | 189390.-   |
| 3VA23      |                                        | 400                     | 3VA2340-4HM32-0AA0 | 202650.-   | 3VA2340-4HM42-0AA0 | 255600.-   |
| 3VA24      |                                        | 630                     | 3VA2463-4HM32-0AA0 | 222905.-   | 3VA2463-4HM42-0AA0 | 281110.-   |
| 3VA20      | 55kA                                   | 25                      | 3VA2025-5HM32-0AA0 | 107450.-   | 3VA2025-5HM42-0AA0 | 123125.-   |
|            |                                        | 40                      | 3VA2040-5HM32-0AA0 | 107450.-   | 3VA2040-5HM42-0AA0 | 123125.-   |
|            |                                        | 63                      | 3VA2063-5HM32-0AA0 | 107450.-   | 3VA2063-5HM42-0AA0 | 123125.-   |
|            |                                        | 100                     | 3VA2010-5HM32-0AA0 | 109660.-   | 3VA2010-5HM42-0AA0 | 128680.-   |
| 3VA21      |                                        | 160                     | 3VA2116-5HM32-0AA0 | 147740.-   | 3VA2116-5HM42-0AA0 | 177290.-   |
| 3VA22      |                                        | 250                     | 3VA2225-5HM32-0AA0 | 180160.-   | 3VA2225-5HM42-0AA0 | 224870.-   |
| 3VA23      |                                        | 400                     | 3VA2340-5HM32-0AA0 | 217560.-   | 3VA2340-5HM42-0AA0 | 274430.-   |
| 3VA24      |                                        | 630                     | 3VA2463-5HM32-0AA0 | 239365.-   | 3VA2463-5HM42-0AA0 | 301810.-   |
| 3VA25      |                                        | 800                     | 3VA2580-5HM32-0AA0 | 347340.-   | 3VA2580-5HM42-0AA0 | 451565.-   |
|            |                                        | 1000                    | 3VA2510-5HM32-0AA0 | 466620.-   | 3VA2510-5HM42-0AA0 | 612500.-   |
| 3VA26      |                                        | 1250                    | 3VA2612-5HM32-0AA0 | 652760.-   | 3VA2612-5HM42-0AA0 | 862195.-   |
| 3VA20      | 85kA                                   | 25                      | 3VA2025-6HM32-0AA0 | 134155.-   | 3VA2025-6HM42-0AA0 | 163150.-   |
|            |                                        | 40                      | 3VA2040-6HM32-0AA0 | 134155.-   | 3VA2040-6HM42-0AA0 | 163150.-   |
|            |                                        | 63                      | 3VA2063-6HM32-0AA0 | 134155.-   | 3VA2063-6HM42-0AA0 | 163150.-   |
|            |                                        | 100                     | 3VA2010-6HM32-0AA0 | 134155.-   | 3VA2010-6HM42-0AA0 | 163150.-   |
| 3VA21      |                                        | 160                     | 3VA2116-6HM32-0AA0 | 170920.-   | 3VA2116-6HM42-0AA0 | 214550.-   |
| 3VA22      |                                        | 250                     | 3VA2225-6HM32-0AA0 | 200190.-   | 3VA2225-6HM42-0AA0 | 280860.-   |
| 3VA23      |                                        | 400                     | 3VA2340-6HM32-0AA0 | 242555.-   | 3VA2340-6HM42-0AA0 | 307655.-   |
| 3VA24      |                                        | 630                     | 3VA2463-6HM32-0AA0 | 266790.-   | 3VA2463-6HM42-0AA0 | 338460.-   |
| 3VA25      |                                        | 800                     | 3VA2580-6HM32-0AA0 | 391370.-   | 3VA2580-6HM42-0AA0 | 511775.-   |
|            |                                        | 1000                    | 3VA2510-6HM32-0AA0 | 527980.-   | 3VA2510-6HM42-0AA0 | 695845.-   |
| 3VA26      |                                        | 1250                    | 3VA2612-6HM32-0AA0 | 742170.-   | 3VA2612-6HM42-0AA0 | 982200.-   |

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)                                                                                                                                                                                                                                                                      | 4705.-                                                     | 3VA9988-0AA12 (1 C/O)                                                                                                                                                                                                        | 4705.-                                 |
| Alarm switch (TAS)                                                                                    | 3VA9988-0AB12 (1 C/O)                                                                                                                                                                                                                                                                      | 7270.-                                                     | 3VA9988-0AB12 (1 C/O)                                                                                                                                                                                                        | 7270.-                                 |
| 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)                                                                                                                                                                                             | 3875.-<br>3875.-                                           | -                                                                                                                                                                                                                            | -                                      |
| Electrical alarm switches (EAS) for 3VA2 Only                                                         | -                                                                                                                                                                                                                                                                                          | -                                                          | 3VA9988-0AB22                                                                                                                                                                                                                | 3875.-                                 |
| Under voltage release (UVR)                                                                           |                                                                                                                                                                                                                                                                                            |                                                            |                                                                                                                                                                                                                              |                                        |
| 120-127 V AC 50/60 Hz                                                                                 | 3VA9908-0BB24                                                                                                                                                                                                                                                                              | 11130.-                                                    | 3VA9908-0BB24                                                                                                                                                                                                                | 11130.-                                |
| 208-230 V AC 50/60 Hz                                                                                 | 3VA9908-0BB25                                                                                                                                                                                                                                                                              | 11130.-                                                    | 3VA9908-0BB25                                                                                                                                                                                                                | 11130.-                                |
| 380-400 V AC 50/60 Hz                                                                                 | 3VA9908-0BB26                                                                                                                                                                                                                                                                              | 11130.-                                                    | 3VA9908-0BB26                                                                                                                                                                                                                | 11130.-                                |
| Shunt release flexible (STF)                                                                          |                                                                                                                                                                                                                                                                                            |                                                            |                                                                                                                                                                                                                              |                                        |
| 110-127 V AC 50/60 Hz                                                                                 | 3VA9988-0BA22                                                                                                                                                                                                                                                                              | 8380.-                                                     | 3VA9988-0BA22                                                                                                                                                                                                                | 8380.-                                 |
| 208-277 V AC 50/60 Hz                                                                                 | 3VA9988-0BA23                                                                                                                                                                                                                                                                              | 8380.-                                                     | 3VA9988-0BA23                                                                                                                                                                                                                | 8380.-                                 |
| 380-500 V AC 50/60 Hz                                                                                 | 3VA9988-0BA24                                                                                                                                                                                                                                                                              | 8380.-                                                     | 3VA9988-0BA24                                                                                                                                                                                                                | 8380.-                                 |
| Shunt release left (STL)                                                                              |                                                                                                                                                                                                                                                                                            |                                                            |                                                                                                                                                                                                                              |                                        |
| 110-127 V AC 50/60 Hz                                                                                 | 3VA9988-0BL32                                                                                                                                                                                                                                                                              | 8380.-                                                     | 3VA9988-0BL32                                                                                                                                                                                                                | 8380.-                                 |
| 208-277 V AC 50/60 Hz                                                                                 | 3VA9988-0BL33                                                                                                                                                                                                                                                                              | 8380.-                                                     | 3VA9988-0BL33                                                                                                                                                                                                                | 8380.-                                 |
| 380-500 V AC 50/60 Hz                                                                                 | 3VA9988-0BL20                                                                                                                                                                                                                                                                              | 8380.-                                                     | 3VA9988-0BL20                                                                                                                                                                                                                | 8380.-                                 |
| 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)                                                                                                                                                                       | 5135.-<br>5395.-<br>8455.-                                 | 3VA9267-0FK51 (for 3VA20/ 21/ 22 100A/ 160A/ 250A)<br>3VA9467-0FK51 (for 3VA23/ 24 400A/ 630A)                                                                                                                               | 5395.-<br>8455.-                       |
| Extended Door Mounted Rotary Operator ^                                                               | 3VA9687-0FK21 (for 3VA15 800/ 1000A)                                                                                                                                                                                                                                                       | 24035.-                                                    | 3VA9687-0FK21 (for 3VA25/26 800A/1000A/1250A)                                                                                                                                                                                | 24035.-                                |
| 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)                                                                                                                              | 14350.-<br>15780.-<br>20050.-<br>26395.-                   | 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)                                                                              | 15780.-<br>20050.-<br>26395.-          |
| Castell interlock kit* (for breakers with 8UC Handles)<br>(To interlock two or more circuit breakers) | 8UC60701YQ.. 3VA10/ 11 (100A/ 160A)<br>8UC60701YQ.. 3VA12 (250A)                                                                                                                                                                                                                           | 10765.-<br>10765.-                                         | 8UC60701YQ.. 3VA20/ 21/ 22 (100A/ 160A/ 250A)<br>8UC60701YQ.. 3VA23/ 24 (400A/ 630A)                                                                                                                                         | 10765.-<br>10765.-                     |
| 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)                                                                                                                                                                      | 14350.-<br>14900.-<br>16825.-                              | 3VA9168-0VF30 (for 3VA20/ 21/ 22 100A/ 160A/ 250A)<br>3VA9368-0VF30 (for 3VA23/ 24 400A/ 630A)                                                                                                                               | 15780.-<br>16825.-                     |
| 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)                                                                                                                                                             | 4380.-<br>5770.-<br>12460.-                                | 3VA9388-0LB10 (for 3VA20/ 21/ 22/ 23/ 24 100A/ 160A/ 250A/ 400A/ 630A)<br>3VA9588-0LB10 (3VA25/26 800/ 1000/ 1250A)                                                                                                          | 5770.-<br>12460.-                      |
| Motorised drive - (Motorised operator - MO)<br>110-230V AC/ 110-250VDC                                | 3VA9157-0HA20 (for 3VA11 160A)<br>3VA9257-0HA20 (for 3VA12 250A)<br>3VA9467-0HA20 (for 3VA13/ 14 400A/ 630A)                                                                                                                                                                               | 48155.-<br>63025.-<br>74410.-                              | 3VA9267-0HA20 (for 3VA20/ 21/ 22 100A/ 160A/ 250A)<br>3VA9467-0HA20 (for 3VA23/ 24 400A/ 630A)                                                                                                                               | 63025.-<br>74410.-                     |
| 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)   | 2160.-<br>2760.-<br>2695.-<br>3575.-<br>3605.-<br>4675.-   | 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) | 2910.-<br>3790.-<br>3605.-<br>4675.-   |
| Busbar extensions (with phase barriers)                                                               | 3VA9603-0QB00 (for 3pole, 3VA15 800A/ 1000A)<br>3VA9604-0QB00 (for 4pole, 3VA15 800A/ 1000A)                                                                                                                                                                                               | 13210.-<br>17650.-                                         | 3VA9603-0QB00 (for 3pole, 3VA25 800A/ 1000A)<br>3VA9604-0QB00 (for 4pole, 3VA25 800A/ 1000A)                                                                                                                                 | 13210.-<br>17650.-                     |
| 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) | 4920.-<br>6650.-<br>6290.-<br>8410.-<br>10210.-<br>13615.- | 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) | 6290.-<br>8410.-<br>10210.-<br>13615.- |
| 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)                                                                                                                            | 935.-<br>935.-<br>2210.-<br>2220.-                         | 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)                                                                              | 935.-<br>2210.-<br>2220.-              |
| 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





## SETRON 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/ LSI 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

### SETRON 3VA MCCB, Microprocessor Trip Unit, ETU320 LI, Ics = 100% Icu, 415VAC, 50Hz <sup>5</sup> (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 | 659070.-   | 3VA2712-5AB13-0AA0 | 886450.-   |
|            |                                     | 1600                 | 3VA2716-5AB03-0AA0 | 912140.-   | 3VA2716-5AB13-0AA0 | 1227480.-  |
|            | 85kA                                | 1250                 | 3VA2712-6AB03-0AA0 | 724040.-   | 3VA2712-6AB13-0AA0 | 974395.-   |
|            |                                     | 1600                 | 3VA2716-6AB03-0AA0 | 1001460.-  | 3VA2716-6AB13-0AA0 | 1349275.-  |

### SETRON 3VA MCCB, Microprocessor Trip Unit, ETU360 LSI, Ics = 100% Icu, 415VAC, 50Hz <sup>5</sup> (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 | 713210.-   | 3VA2712-5AD13-0AA0 | 939215.-   |
|            |                                     | 1600                 | 3VA2716-5AD03-0AA0 | 964915.-   | 3VA2716-5AD13-0AA0 | 1280245.-  |
|            | 85kA                                | 1250                 | 3VA2712-6AD03-0AA0 | 776810.-   | 3VA2712-6AD13-0AA0 | 1028525.-  |
|            |                                     | 1600                 | 3VA2716-6AD03-0AA0 | 1054265.-  | 3VA2716-6AD13-0AA0 | 1407455.-  |

## Accessories for 3VA27

|  | Description                                                             | Type                                            | Unit LP* ₹                    | Std. pkg. (nos.) |
|--|-------------------------------------------------------------------------|-------------------------------------------------|-------------------------------|------------------|
|  | Auxiliary switch (AUX)                                                  | 3VW9011-0AG01                                   | 10860.-                       | 1                |
|  | Alarm switch (TAS)                                                      | 3VW9011-0AH14                                   | 5360.-                        | 1                |
|  | Shunt release (ST)                                                      |                                                 |                               |                  |
|  | 110-120 V AC 50/60 HZ<br>220-240 V AC 50/60 HZ                          | 3VW9011-0AD05<br>3VW9011-0AD07                  | 24970.-<br>24970.-            | 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 | 27030.-<br>27030.-<br>27030.- | 1                |
|  | Extended Door Mounted Rotary Operator <sup>^</sup><br>(Standard - Gray) | 3VW9727-0FK21                                   | 24035.-                       | 1                |

<sup>5</sup> Toggle lever variants <sup>^</sup>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](http://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](mailto:ics.india@siemens.com)

[www.siemens.com/3VA](http://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](http://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 <sup>®</sup> ₹ | 4 Pole Type        | Unit MRP <sup>®</sup> ₹ |
|------------|-------------------------------------|----------------------|--------------------|-------------------------|--------------------|-------------------------|
| 3VM10      | 16kA                                | 16                   | 3VM1096-2ED32-0AA0 | 20110.-                 | 3VM1096-2ED42-0AA0 | 26065.-                 |
|            |                                     | 20                   | 3VM1020-2ED32-0AA0 | 20110.-                 | 3VM1020-2ED42-0AA0 | 26065.-                 |
|            |                                     | 25                   | 3VM1025-2ED32-0AA0 | 20110.-                 | 3VM1025-2ED42-0AA0 | 26065.-                 |
|            |                                     | 32                   | 3VM1032-2ED32-0AA0 | 20110.-                 | 3VM1032-2ED42-0AA0 | 26065.-                 |
|            |                                     | 40                   | 3VM1040-2ED32-0AA0 | 20110.-                 | 3VM1040-2ED42-0AA0 | 26065.-                 |
|            |                                     | 50                   | 3VM1050-2ED32-0AA0 | 20110.-                 | 3VM1050-2ED42-0AA0 | 26065.-                 |
|            |                                     | 63                   | 3VM1063-2ED32-0AA0 | 20110.-                 | 3VM1063-2ED42-0AA0 | 26065.-                 |
|            |                                     | 80                   | 3VM1080-2ED32-0AA0 | 21975.-                 | 3VM1080-2ED42-0AA0 | 28535.-                 |
|            |                                     | 100                  | 3VM1010-2ED32-0AA0 | 23855.-                 | 3VM1010-2ED42-0AA0 | 31075.-                 |
| 3VM10      | 25kA                                | 16                   | 3VM1096-3ED32-0AA0 | 20840.-                 | 3VM1096-3ED42-0AA0 | 27210.-                 |
|            |                                     | 20                   | 3VM1020-3ED32-0AA0 | 20840.-                 | 3VM1020-3ED42-0AA0 | 27210.-                 |
|            |                                     | 25                   | 3VM1025-3ED32-0AA0 | 20840.-                 | 3VM1025-3ED42-0AA0 | 27210.-                 |
|            |                                     | 32                   | 3VM1032-3ED32-0AA0 | 20840.-                 | 3VM1032-3ED42-0AA0 | 27210.-                 |
|            |                                     | 40                   | 3VM1040-3ED32-0AA0 | 20840.-                 | 3VM1040-3ED42-0AA0 | 27210.-                 |
|            |                                     | 50                   | 3VM1050-3ED32-0AA0 | 20840.-                 | 3VM1050-3ED42-0AA0 | 27210.-                 |
|            |                                     | 63                   | 3VM1063-3ED32-0AA0 | 20840.-                 | 3VM1063-3ED42-0AA0 | 27210.-                 |
|            |                                     | 80                   | 3VM1080-3ED32-0AA0 | 22690.-                 | 3VM1080-3ED42-0AA0 | 29510.-                 |
|            |                                     | 100                  | 3VM1010-3ED32-0AA0 | 24370.-                 | 3VM1010-3ED42-0AA0 | 31715.-                 |
| 3VM11      |                                     | 125                  | 3VM1112-3ED32-0AA0 | 31235.-                 | 3VM1112-3ED42-0AA0 | 41245.-                 |
|            |                                     | 160                  | 3VM1116-3ED32-0AA0 | 40740.-                 | 3VM1116-3ED42-0AA0 | 51595.-                 |

| 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 | 21990.-    | 3VM1196-4GD42-0AA0 | 30440.-    |
|            |                                     | 20                   | 3VM1120-4ED32-0AA0 | 21990.-    | 3VM1120-4GD42-0AA0 | 30440.-    |
|            |                                     | 25                   | 3VM1125-4ED32-0AA0 | 21990.-    | 3VM1125-4GD42-0AA0 | 30440.-    |
|            |                                     | 32                   | 3VM1132-4ED32-0AA0 | 21990.-    | 3VM1132-4GD42-0AA0 | 30440.-    |
|            |                                     | 40                   | 3VM1140-4ED32-0AA0 | 21990.-    | 3VM1140-4GD42-0AA0 | 30440.-    |
|            |                                     | 50                   | 3VM1150-4ED32-0AA0 | 21990.-    | 3VM1150-4GD42-0AA0 | 30440.-    |
|            |                                     | 63                   | 3VM1163-4ED32-0AA0 | 21990.-    | 3VM1163-4GD42-0AA0 | 30440.-    |
|            |                                     | 80                   | 3VM1180-4ED32-0AA0 | 23100.-    | 3VM1180-4GD42-0AA0 | 33385.-    |
|            |                                     | 100                  | 3VM1110-4ED32-0AA0 | 26800.-    | 3VM1110-4GD42-0AA0 | 38585.-    |
|            |                                     | 125                  | 3VM1112-4ED32-0AA0 | 47045.-    | 3VM1112-4GD42-0AA0 | 61165.-    |
|            |                                     | 160                  | 3VM1116-4ED32-0AA0 | 51970.-    | 3VM1116-4GD42-0AA0 | 67585.-    |
| 3VM12      |                                     | 200                  | 3VM1220-4ED32-0AA0 | 55835.-    | 3VM1220-4GD42-0AA0 | 69115.-    |
|            |                                     | 250                  | 3VM1225-4ED32-0AA0 | 74475.-    | 3VM1225-4GD42-0AA0 | 87750.-    |
| 3VM13      |                                     | 320                  | 3VM1332-4ED32-0AA0 | 104615.-   | 3VM1332-4GD42-0AA0 | 135440.-   |
|            |                                     | 400                  | 3VM1340-4ED32-0AA0 | 104615.-   | 3VM1340-4GD42-0AA0 | 135440.-   |
| 3VM14      |                                     | 500                  | 3VM1450-4ED32-0AA0 | 135025.-   | 3VM1450-4GD42-0AA0 | 174910.-   |
|            |                                     | 630                  | 3VM1463-4ED32-0AA0 | 135025.-   | 3VM1463-4GD42-0AA0 | 174910.-   |

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

AM: Adjustable Magnetic

FM: Fixed Magnetic

Std. Pkg. = 1 unit

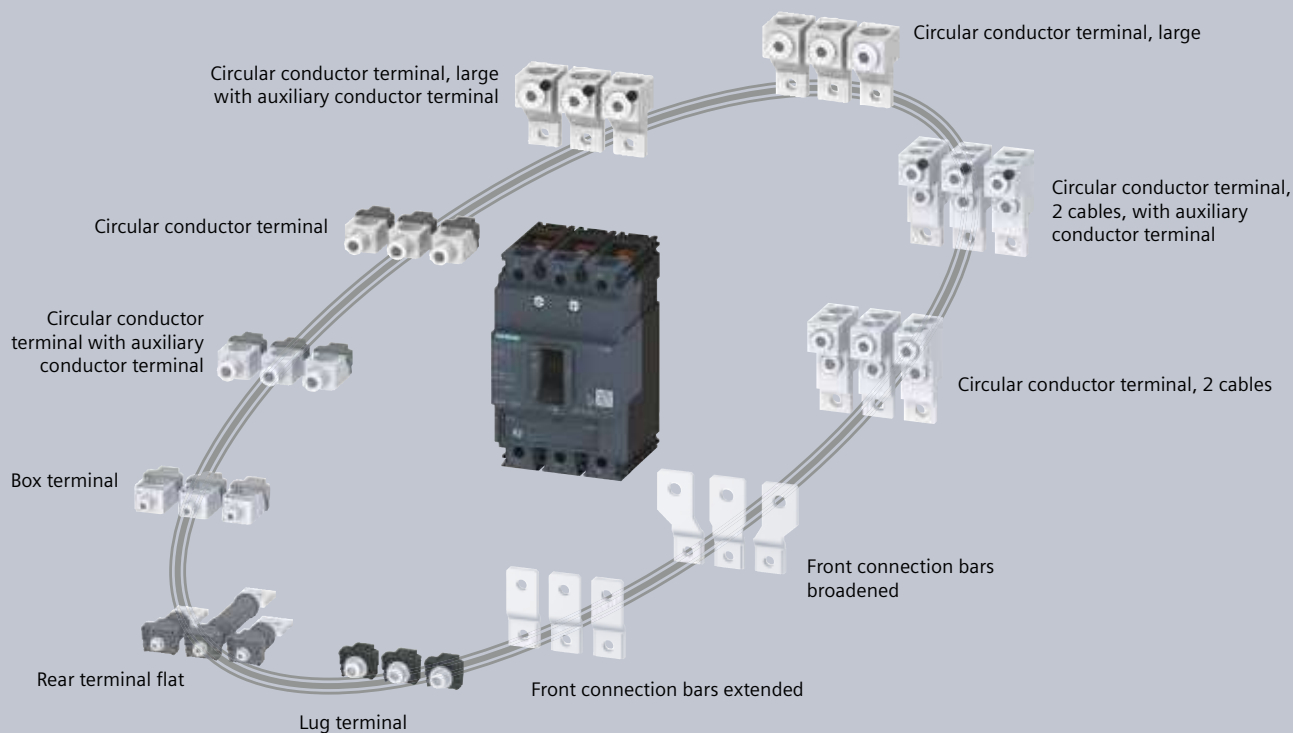
\* LP - List Price

® MRP - Max. Retail Price

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

| Frame Size | Breaking Capacity<br>@ 415VAC, 50/60Hz | Rated Current<br>In (A) | 3 Pole<br>Type     | Unit LP*<br>₹      | 4 Pole<br>Type     | Unit LP*<br>₹ |
|------------|----------------------------------------|-------------------------|--------------------|--------------------|--------------------|---------------|
| 3VM11      | 55kA                                   | 16                      | 3VM1196-5ED32-0AA0 | 25280.-            | 3VM1196-5GD42-0AA0 | 32795.-       |
|            |                                        | 20                      | 3VM1120-5ED32-0AA0 | 25280.-            | 3VM1120-5GD42-0AA0 | 32795.-       |
|            |                                        | 25                      | 3VM1125-5ED32-0AA0 | 25280.-            | 3VM1125-5GD42-0AA0 | 32795.-       |
|            |                                        | 32                      | 3VM1132-5ED32-0AA0 | 25280.-            | 3VM1132-5GD42-0AA0 | 32795.-       |
|            |                                        | 40                      | 3VM1140-5ED32-0AA0 | 25280.-            | 3VM1140-5GD42-0AA0 | 32795.-       |
|            |                                        | 50                      | 3VM1150-5ED32-0AA0 | 25280.-            | 3VM1150-5GD42-0AA0 | 32795.-       |
|            |                                        | 63                      | 3VM1163-5ED32-0AA0 | 25280.-            | 3VM1163-5GD42-0AA0 | 32795.-       |
|            |                                        | 80                      | 3VM1180-5ED32-0AA0 | 27695.-            | 3VM1180-5GD42-0AA0 | 36005.-       |
|            |                                        | 100                     | 3VM1110-5ED32-0AA0 | 32085.-            | 3VM1110-5GD42-0AA0 | 41650.-       |
|            |                                        | 125                     | 3VM1112-5ED32-0AA0 | 51710.-            | 3VM1112-5GD42-0AA0 | 67215.-       |
|            |                                        | 160                     | 3VM1116-5ED32-0AA0 | 57120.-            | 3VM1116-5GD42-0AA0 | 74320.-       |
| 3VM12      |                                        | 200                     | 3VM1220-5ED32-0AA0 | 61790.-            | 3VM1220-5GD42-0AA0 | 78295.-       |
| 3VM13      |                                        | 250                     | 3VM1225-5ED32-0AA0 | 80430.-            | 3VM1225-5GD42-0AA0 | 96940.-       |
|            |                                        | 320                     | 3VM1332-5ED32-0AA0 | 119290.-           | 3VM1332-5GD42-0AA0 | 149430.-      |
| 3VM14      |                                        | 400                     | 3VM1340-5ED32-0AA0 | 119290.-           | 3VM1340-5GD42-0AA0 | 149430.-      |
|            |                                        | 500                     | 3VM1450-5ED32-0AA0 | 154285.-           | 3VM1450-5GD42-0AA0 | 192740.-      |
|            | 630                                    | 3VM1463-5ED32-0AA0      | 154285.-           | 3VM1463-5GD42-0AA0 | 192740.-           |               |

## 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<br>@ 415VAC, 50/60Hz | Rated Current<br>In (A) | 3 Pole<br>Type     | Unit LP*<br>₹      | 4 Pole<br>Type     | Unit LP*<br>₹ |
|------------|----------------------------------------|-------------------------|--------------------|--------------------|--------------------|---------------|
| 3VM11      | 25kA                                   | 16                      | 3VM1196-3EE32-0AA0 | 24765.-            | 3VM1196-3GE42-0AA0 | 37310.-       |
|            |                                        | 20                      | 3VM1120-3EE32-0AA0 | 24765.-            | 3VM1120-3GE42-0AA0 | 37310.-       |
|            |                                        | 25                      | 3VM1125-3EE32-0AA0 | 24765.-            | 3VM1125-3GE42-0AA0 | 37310.-       |
|            |                                        | 32                      | 3VM1132-3EE32-0AA0 | 24765.-            | 3VM1132-3GE42-0AA0 | 37310.-       |
|            |                                        | 40                      | 3VM1140-3EE32-0AA0 | 24765.-            | 3VM1140-3GE42-0AA0 | 37310.-       |
|            |                                        | 50                      | 3VM1150-3EE32-0AA0 | 24765.-            | 3VM1150-3GE42-0AA0 | 37310.-       |
|            |                                        | 63                      | 3VM1163-3EE32-0AA0 | 24765.-            | 3VM1163-3GE42-0AA0 | 37310.-       |
|            |                                        | 80                      | 3VM1180-3EE32-0AA0 | 24765.-            | 3VM1180-3GE42-0AA0 | 37310.-       |
|            |                                        | 100                     | 3VM1110-3EE32-0AA0 | 24765.-            | 3VM1110-3GE42-0AA0 | 37310.-       |
|            |                                        | 125                     | 3VM1112-3EE32-0AA0 | 31950.-            | 3VM1112-3GE42-0AA0 | 43730.-       |
|            |                                        | 160                     | 3VM1116-3EE32-0AA0 | 43965.-            | 3VM1116-3GE42-0AA0 | 55965.-       |
| 3VM11      | 36kA                                   | 16                      | 3VM1196-4EE32-0AA0 | 32030.-            | 3VM1196-4GE42-0AA0 | 41910.-       |
|            |                                        | 20                      | 3VM1120-4EE32-0AA0 | 32030.-            | 3VM1120-4GE42-0AA0 | 41910.-       |
|            |                                        | 25                      | 3VM1125-4EE32-0AA0 | 32030.-            | 3VM1125-4GE42-0AA0 | 41910.-       |
|            |                                        | 32                      | 3VM1132-4EE32-0AA0 | 32030.-            | 3VM1132-4GE42-0AA0 | 41910.-       |
|            |                                        | 40                      | 3VM1140-4EE32-0AA0 | 32030.-            | 3VM1140-4GE42-0AA0 | 41910.-       |
|            |                                        | 50                      | 3VM1150-4EE32-0AA0 | 32030.-            | 3VM1150-4GE42-0AA0 | 41910.-       |
|            |                                        | 63                      | 3VM1163-4EE32-0AA0 | 32030.-            | 3VM1163-4GE42-0AA0 | 41910.-       |
|            |                                        | 80                      | 3VM1180-4EE32-0AA0 | 32030.-            | 3VM1180-4GE42-0AA0 | 41910.-       |
|            |                                        | 100                     | 3VM1110-4EE32-0AA0 | 32030.-            | 3VM1110-4GE42-0AA0 | 41910.-       |
|            |                                        | 125                     | 3VM1112-4EE32-0AA0 | 49290.-            | 3VM1112-4GE42-0AA0 | 62765.-       |
|            |                                        | 160                     | 3VM1116-4EE32-0AA0 | 53400.-            | 3VM1116-4GE42-0AA0 | 69330.-       |
| 3VM12      | 36kA                                   | 200                     | 3VM1220-4EE32-0AA0 | 77245.-            | 3VM1220-4GE42-0AA0 | 90150.-       |
| 250        |                                        | 3VM1225-4EE32-0AA0      | 77245.-            | 3VM1225-4GE42-0AA0 | 90150.-            |               |
| 3VM13      |                                        | 320                     | 3VM1332-4EE32-0AA0 | 104615.-           | 3VM1332-4GE42-0AA0 | 135440.-      |
| 400        |                                        | 3VM1340-4EE32-0AA0      | 104615.-           | 3VM1340-4GE42-0AA0 | 135440.-           |               |
| 3VM14      |                                        | 500                     | 3VM1450-4EE32-0AA0 | 135025.-           | 3VM1450-4GE42-0AA0 | 174910.-      |
|            |                                        | 630                     | 3VM1463-4EE32-0AA0 | 135025.-           | 3VM1463-4GE42-0AA0 | 174910.-      |
| 3VM11      | 55kA                                   | 16                      | 3VM1196-5EE32-0AA0 | 36490.-            | 3VM1196-5GE42-0AA0 | 46105.-       |
|            |                                        | 20                      | 3VM1120-5EE32-0AA0 | 36490.-            | 3VM1120-5GE42-0AA0 | 46105.-       |
|            |                                        | 25                      | 3VM1125-5EE32-0AA0 | 36490.-            | 3VM1125-5GE42-0AA0 | 46105.-       |
|            |                                        | 32                      | 3VM1132-5EE32-0AA0 | 36490.-            | 3VM1132-5GE42-0AA0 | 46105.-       |
|            |                                        | 40                      | 3VM1140-5EE32-0AA0 | 36490.-            | 3VM1140-5GE42-0AA0 | 46105.-       |
|            |                                        | 50                      | 3VM1150-5EE32-0AA0 | 36490.-            | 3VM1150-5GE42-0AA0 | 46105.-       |
|            |                                        | 63                      | 3VM1163-5EE32-0AA0 | 36490.-            | 3VM1163-5GE42-0AA0 | 46105.-       |
|            |                                        | 80                      | 3VM1180-5EE32-0AA0 | 36490.-            | 3VM1180-5GE42-0AA0 | 46105.-       |
|            |                                        | 100                     | 3VM1110-5EE32-0AA0 | 36490.-            | 3VM1110-5GE42-0AA0 | 46105.-       |
|            |                                        | 125                     | 3VM1112-5EE32-0AA0 | 57285.-            | 3VM1112-5GE42-0AA0 | 68810.-       |
|            |                                        | 160                     | 3VM1116-5EE32-0AA0 | 58730.-            | 3VM1116-5GE42-0AA0 | 75790.-       |
| 3VM12      |                                        | 200                     | 3VM1220-5EE32-0AA0 | 83010.-            | 3VM1220-5GE42-0AA0 | 99045.-       |
| 3VM13      |                                        | 250                     | 3VM1225-5EE32-0AA0 | 83010.-            | 3VM1225-5GE42-0AA0 | 99045.-       |
|            |                                        | 320                     | 3VM1332-5EE32-0AA0 | 119290.-           | 3VM1332-5GE42-0AA0 | 149430.-      |
| 3VM14      |                                        | 400                     | 3VM1340-5EE32-0AA0 | 119290.-           | 3VM1340-5GE42-0AA0 | 149430.-      |
|            |                                        | 500                     | 3VM1450-5EE32-0AA0 | 154285.-           | 3VM1450-5GE42-0AA0 | 192740.-      |
|            |                                        | 630                     | 3VM1463-5EE32-0AA0 | 154285.-           | 3VM1463-5GE42-0AA0 | 192740.-      |

Std. Pkg. = 1 unit

\* LP - List Price



## SETRON 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 <sup>1)</sup>      | 3VM1108-5MG32-0AA0                      | 31780.-    |
|            | 12.5 <sup>1)</sup>   | 3VM1192-5MG32-0AA0                      | 31780.-    |
|            | 20                   | 3VM1120-5MH32-0AA0                      | 31780.-    |
|            | 32                   | 3VM1132-5MH32-0AA0                      | 37980.-    |
|            | 40                   | 3VM1140-5MH32-0AA0                      | 37980.-    |
|            | 50                   | 3VM1150-5MH32-0AA0                      | 37980.-    |
|            | 63                   | 3VM1163-5MH32-0AA0                      | 37980.-    |
|            | 80                   | 3VM1180-5MH32-0AA0                      | 37980.-    |
|            | 100                  | 3VM1110-5MH32-0AA0                      | 37980.-    |
|            | 125                  | 3VM1112-5MH32-0AA0                      | 56520.-    |
| 3VM12      | 160                  | 3VM1216-5MH32-0AA0                      | 56520.-    |
|            | 200                  | 3VM1220-5MH32-0AA0                      | 85740.-    |
| 3VM13      | 250                  | 3VM1325-5MH32-0AA0                      | 93660.-    |
|            | 320                  | 3VM1332-5MH32-0AA0                      | 128515.-   |
| 3VM14      | 400                  | 3VM1440-5MH32-0AA0                      | 147110.-   |
|            | 500                  | 3VM1450-5MH32-0AA0                      | 169350.-   |



Please refer recommended Type-2 coordination chart.

## SETRON 3VM, Switch Disconnecter (without protection)

| Frame Size | Rated Current In (A) | 3pole Type         | Unit LP* ₹ | 4pole Type         | Unit LP* ₹ |
|------------|----------------------|--------------------|------------|--------------------|------------|
| 3VM11      | 63                   | 3VM1163-1AA32-0AA0 | 23725.-    | 3VM1163-1AA42-0AA0 | 35040.-    |
|            | 100                  | 3VM1110-1AA32-0AA0 | 23725.-    | 3VM1110-1AA42-0AA0 | 35040.-    |
|            | 125                  | 3VM1112-1AA32-0AA0 | 34600.-    | 3VM1112-1AA42-0AA0 | 43550.-    |
|            | 160                  | 3VM1116-1AA32-0AA0 | 34600.-    | 3VM1116-1AA42-0AA0 | 43550.-    |
| 3VM12      | 250                  | 3VM1225-1AA32-0AA0 | 57585.-    | 3VM1225-1AA42-0AA0 | 76805.-    |
| 3VM13      | 400                  | 3VM1340-1AA32-0AA0 | 76855.-    | 3VM1340-1AA42-0AA0 | 99940.-    |

<sup>1)</sup> 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.

## 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 <sup>1)</sup> | 16                   | 3VM1196-3ED12-0AA0 | 9255.-     | 3VM1196-3ED22-0AA0 | 16595.-    |
|            |                    | 20                   | 3VM1120-3ED12-0AA0 | 9255.-     | 3VM1120-3ED22-0AA0 | 16595.-    |
|            |                    | 25                   | 3VM1125-3ED12-0AA0 | 9255.-     | 3VM1125-3ED22-0AA0 | 16595.-    |
|            |                    | 32                   | 3VM1132-3ED12-0AA0 | 9255.-     | 3VM1132-3ED22-0AA0 | 16595.-    |
|            |                    | 40                   | 3VM1140-3ED12-0AA0 | 9255.-     | 3VM1140-3ED22-0AA0 | 16595.-    |
|            |                    | 50                   | 3VM1150-3ED12-0AA0 | 9255.-     | 3VM1150-3ED22-0AA0 | 16595.-    |
|            |                    | 63                   | 3VM1163-3ED12-0AA0 | 9255.-     | 3VM1163-3ED22-0AA0 | 16595.-    |
|            |                    | 80                   | 3VM1180-3ED12-0AA0 | 10175.-    | 3VM1180-3ED22-0AA0 | 18175.-    |
|            |                    | 100                  | 3VM1110-3ED12-0AA0 | 11740.-    | 3VM1110-3ED22-0AA0 | 21295.-    |
|            |                    | 125                  | 3VM1112-3ED12-0AA0 | 18965.-    | 3VM1112-3ED22-0AA0 | 34455.-    |
|            |                    | 160                  | 3VM1116-3ED12-0AA0 | 22100.-    | 3VM1116-3ED22-0AA0 | 39800.-    |
| 3VM11      | 36kA <sup>1)</sup> | 16                   | 3VM1196-4ED12-0AA0 | 10010.-    | 3VM1196-4ED22-0AA0 | 18175.-    |
|            |                    | 20                   | 3VM1120-4ED12-0AA0 | 10010.-    | 3VM1120-4ED22-0AA0 | 18175.-    |
|            |                    | 25                   | 3VM1125-4ED12-0AA0 | 10010.-    | 3VM1125-4ED22-0AA0 | 18175.-    |
|            |                    | 32                   | 3VM1132-4ED12-0AA0 | 10010.-    | 3VM1132-4ED22-0AA0 | 18175.-    |
|            |                    | 40                   | 3VM1140-4ED12-0AA0 | 10010.-    | 3VM1140-4ED22-0AA0 | 18175.-    |
|            |                    | 50                   | 3VM1150-4ED12-0AA0 | 10010.-    | 3VM1150-4ED22-0AA0 | 18175.-    |
|            |                    | 63                   | 3VM1163-4ED12-0AA0 | 10010.-    | 3VM1163-4ED22-0AA0 | 18175.-    |
|            |                    | 80                   | 3VM1180-4ED12-0AA0 | 11120.-    | 3VM1180-4ED22-0AA0 | 20070.-    |
|            |                    | 100                  | 3VM1110-4ED12-0AA0 | 11980.-    | 3VM1110-4ED22-0AA0 | 23180.-    |
|            |                    | 125                  | 3VM1112-4ED12-0AA0 | 20560.-    | 3VM1112-4ED22-0AA0 | 36955.-    |
|            |                    | 160                  | 3VM1116-4ED12-0AA0 | 23960.-    | 3VM1116-4ED22-0AA0 | 43230.-    |

<sup>1)</sup> 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                     | <ul style="list-style-type: none"> <li>Auxiliary voltage: 85-270V AC/DC</li> <li>Change over contact: 2C/O</li> <li>Width: 35mm module</li> </ul> | 7UG0861-1BU20 | 9755.-     |
| CBCT for EFR: 160 frame<br>Suitable for 3VM10/11 | 3P                                                                                                                                                | 7UG09910      | 3365.-     |
|                                                  | 4P                                                                                                                                                | 7UG09911      | 3840.-     |
| CBCT for EFR: 250 frame<br>Suitable for 3VM12    | 3P                                                                                                                                                | 7UG09912      | 4065.-     |
|                                                  | 4P                                                                                                                                                | 7UG09913      | 4790.-     |
| CBCT for EFR: 630 frame<br>Suitable for 3VM13/14 | 3P                                                                                                                                                | 7UG09914      | 5995.-     |
|                                                  | 4P                                                                                                                                                | 7UG09915      | 6490.-     |

### 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 | 9440.-     |
|                                               | 230VAC     | 7UG0842-1CD20 | 9535.-     |
| CBCT for ELR                                  | 35 mm dia  | 7UG0996       | 3430.-     |
|                                               | 70 mm dia  | 7UG0997       | 3925.-     |
|                                               | 120 mm dia | 7UG0999       | 6690.-     |
|                                               | 210 mm dia | 7UG0994       | 12860.-    |
|                                               | 310 mm dia | 7UG0995       | 19170.-    |

Note: Order 1 no of shunt trip release for MCCB separately 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*₹ |
|------------------------------------------------------|------------------------------------------|-----------|
| <b>Auxiliary Switches and Alarm Switches (1 C/O)</b> |                                          |           |
| 3VM9988-0AA12                                        | Auxiliary Switch AUX (1 C/O)             | 3685.-    |
| 3VM9988-0AB12                                        | Trip Alarm Switch TAS (1 C/O)            | 3685.-    |
| <b>Undervoltage releases</b>                         |                                          |           |
| 3VM9908-0BB11                                        | UVR 24V DC                               | 8210.-    |
| 3VM9908-0BB12                                        | UVR 48V DC                               | 8210.-    |
| 3VM9908-0BB23                                        | UVR 110 V AC 50/60HZ                     | 8210.-    |
| 3VM9908-0BB25                                        | UVR 208-230 V AC 50/60 HZ                | 8210.-    |
| 3VM9908-0BB26                                        | UVR 380-400 V AC 50/60 HZ                | 8210.-    |
| <b>Shunt release (Left)</b>                          |                                          |           |
| 3VM9908-0BL30                                        | STL 24V AC 50/60Hz / 12-30V DC           | 6655.-    |
| 3VM9908-0BL31                                        | STL 48-60V AC 50/60Hz/ DC                | 6655.-    |
| 3VM9908-0BL32                                        | STL 110-127 V AC 50/60 HZ / DC           | 6655.-    |
| 3VM9908-0BL33                                        | STL 208-277 V AC 50/60 HZ / 220-250 V DC | 6655.-    |
| 3VM9908-0BL20                                        | STL 380-600 V AC 50/60 HZ                | 6655.-    |

## External Accessories:

| MLFB                                                | Description                                                      | Unit LP*₹ |
|-----------------------------------------------------|------------------------------------------------------------------|-----------|
| <b>Rotary Handles <sup>1)</sup></b>                 |                                                                  |           |
| 3VM9117-0FK51®                                      | Door mounted Rotary Operator with 8UC drive, Standard, 3VM10/ 11 | 4145.-    |
| 3VM9217-0FK51®                                      | Door mounted Rotary Operator with 8UC drive, Standard, 3VM12     | 5230.-    |
| 3VM9417-0FK51®                                      | Door mounted Rotary Operator with 8UC drive, Standard, 3VM13/ 14 | 5905.-    |
| 3VM9117-0EK21                                       | Direct mounted Rotary Operator (Grey), Standard, 3VM10/ 11       | 5255.-    |
| 3VM9217-0EK21                                       | Direct mounted Rotary Operator (Grey), Standard, 3VM12           | 6900.-    |
| 3VM9417-0EK21                                       | Direct mounted Rotary Operator (Grey), Standard, 3VM13/ 14       | 7615.-    |
| <b>Spreaders (incl. Phase barriers)</b>             |                                                                  |           |
| 3VM9153-0QC50                                       | Spreader links - Broadened, 3pole, 3VM10/ 11                     | 2170.-    |
| 3VM9154-0QC50                                       | Spreader links - Broadened, 4pole, 3VM10/ 11                     | 2780.-    |
| 3VM9253-0QC50                                       | Spreader links - Broadened, 3pole, 3VM12                         | 2710.-    |
| 3VM9254-0QC50                                       | Spreader links - Broadened, 4pole, 3VM12                         | 3605.-    |
| 3VM9483-0QC50                                       | Spreader links - Broadened, 3pole, 3VM13/ 14                     | 3635.-    |
| 3VM9484-0QC50                                       | Spreader links - Broadened, 4pole, 3VM13/ 14                     | 4720.-    |
| <b>Extended terminals (incl. Phase barriers)</b>    |                                                                  |           |
| 3VM9253-0QB50                                       | Extended terminals, 3pole, 3VM12                                 | 1830.-    |
| 3VM9254-0QB50                                       | Extended terminals, 4pole, 3VM12                                 | 2440.-    |
| 3VM9483-0QB50                                       | Extended terminals, 3pole, 3VM13/ 14                             | 2460.-    |
| 3VM9484-0QB50                                       | Extended terminals, 4pole, 3VM13/ 14                             | 3205.-    |
| <b>Phase barriers</b>                               |                                                                  |           |
| 3VM9152-0WA00                                       | Phase barriers (1set = 2 phase barriers), 3VM10/ 11              | 1550.-    |
| 3VM9252-0WA00                                       | Phase barriers (1set = 2 phase barriers), 3VM12                  | 2155.-    |
| 3VM9482-0WA00                                       | Phase barriers (1set = 2 phase barriers), 3VM13/ 14              | 2155.-    |
| <b>Locking device for breaker with Toggle lever</b> |                                                                  |           |
| 3VM9188-0LB10                                       | Locking device for: 3VM10/ 11/ 12                                | 4085.-    |
| 3VM9388-0LB10                                       | Locking device for: 3VM13/ 14                                    | 5390.-    |
| <b>Interlocking (for MCCBs with 8UC handles)</b>    |                                                                  |           |
| 8UC60701YQ.. #                                      | Castell interlock kit for 3VM10/ 11/ 12/ 13/ 14                  | 10765.-   |



AUX



TAS



UVR



STL

### Notes:

# The 11<sup>th</sup> and 12<sup>th</sup> 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. 11<sup>th</sup> place will be A, B, C, D for castell lock type A, B, C, D respectively. 11<sup>th</sup> 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.

<sup>1)</sup> Rotary handles are not available for 1pole/ 2pole 3VM1 MCCBs

Std. Pkg. = 1 unit

\* LP - List Price



THE POWER OF **SIMPLICITY**

# SINOPLUS 3VJ2 moulded case circuit breakers

Microprocessor Based Trip Unit



Compact  
Efficient design



Versatile  
For various  
applications



Reliable  
Siemens trusted  
quality



Operational  
efficiency  
Reduced  
downtime

**NEW**



## Product highlights

### Range

Current rating from  
**160A to 630A**

Ics = Icu =  
**55kA**

### Enhanced protection

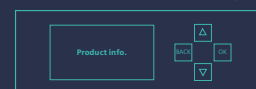
Microprocessor trip units

**L** : Overload protection  
**S** : Short time delayed short circuit protection  
**I** : Instantaneous short circuit protection  
**G** : Ground fault protection



Enhanced  
protection

### Microprocessor Based trip units



Color coded  
knob switches  
&  
Display options

**3P, 4P  
LSI, LSIG**

### 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

[www.siemens.co.in](http://www.siemens.co.in)

**SIEMENS**

THE POWER OF **SIMPLICITY**

# SINOPLUS 3VJ1 moulded case circuit breakers

Thermal Magnetic Trip Unit



Compact  
Efficient design



Versatile  
For various  
applications



Reliable  
Siemens trusted  
quality



Operational  
efficiency  
Reduced  
downtime



[www.siemens.co.in](http://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<br>@415V AC,<br>50/60Hz | Rated<br>Current<br>In (A) | 2 <sup>^</sup> Pole<br>Type | Unit<br>MRP*<br>₹ | 3 Pole<br>Type     | Unit<br>MRP*<br>₹ | 4 Pole<br>Type     | Unit<br>MRP*<br>₹ |
|---------------------|-------------------------------------------|----------------------------|-----------------------------|-------------------|--------------------|-------------------|--------------------|-------------------|
| 3VJ10<br>(VJ1 125X) | 10kA                                      | 16                         | 3VJ1096-0DA22-0AA0          | 5045.-            | 3VJ1096-0DA32-0AA0 | 6265.-            | 3VJ1096-0EA42-0AA0 | 8975.-            |
|                     |                                           | 20                         | 3VJ1002-0DA22-0AA0          | 5045.-            | 3VJ1002-0DA32-0AA0 | 6265.-            | 3VJ1002-0EA42-0AA0 | 8975.-            |
|                     |                                           | 25                         | 3VJ1092-0DA22-0AA0          | 5045.-            | 3VJ1092-0DA32-0AA0 | 6265.-            | 3VJ1092-0EA42-0AA0 | 8975.-            |
|                     |                                           | 32                         | 3VJ1003-0DA22-0AA0          | 5045.-            | 3VJ1003-0DA32-0AA0 | 6265.-            | 3VJ1003-0EA42-0AA0 | 8975.-            |
|                     |                                           | 40                         | 3VJ1004-0DA22-0AA0          | 5045.-            | 3VJ1004-0DA32-0AA0 | 6265.-            | 3VJ1004-0EA42-0AA0 | 8975.-            |
|                     |                                           | 50                         | 3VJ1005-0DA22-0AA0          | 5045.-            | 3VJ1005-0DA32-0AA0 | 6265.-            | 3VJ1005-0EA42-0AA0 | 8975.-            |
|                     |                                           | 63                         | 3VJ1006-0DA22-0AA0          | 5045.-            | 3VJ1006-0DA32-0AA0 | 6265.-            | 3VJ1006-0EA42-0AA0 | 8975.-            |
|                     |                                           | 80                         | 3VJ1008-0DA22-0AA0          | 5045.-            | 3VJ1008-0DA32-0AA0 | 6265.-            | 3VJ1008-0EA42-0AA0 | 8975.-            |
|                     |                                           | 100                        | 3VJ1010-0DA22-0AA0          | 5045.-            | 3VJ1010-0DA32-0AA0 | 6265.-            | 3VJ1010-0EA42-0AA0 | 8975.-            |
|                     |                                           | 125                        | 3VJ1012-0DA22-0AA0          | 7800.-            | 3VJ1012-0DA32-0AA0 | 9395.-            | 3VJ1012-0EA42-0AA0 | 13460.-           |
|                     | 18kA                                      | 16                         | 3VJ1096-1DA22-0AA0          | 6980.-            | 3VJ1096-1DA32-0AA0 | 10075.-           | 3VJ1096-1EA42-0AA0 | 12920.-           |
|                     |                                           | 20                         | 3VJ1002-1DA22-0AA0          | 6980.-            | 3VJ1002-1DA32-0AA0 | 10075.-           | 3VJ1002-1EA42-0AA0 | 12920.-           |
|                     |                                           | 25                         | 3VJ1092-1DA22-0AA0          | 6980.-            | 3VJ1092-1DA32-0AA0 | 10075.-           | 3VJ1092-1EA42-0AA0 | 12920.-           |
|                     |                                           | 32                         | 3VJ1003-1DA22-0AA0          | 6980.-            | 3VJ1003-1DA32-0AA0 | 10075.-           | 3VJ1003-1EA42-0AA0 | 12920.-           |
|                     |                                           | 40                         | 3VJ1004-1DA22-0AA0          | 6980.-            | 3VJ1004-1DA32-0AA0 | 10075.-           | 3VJ1004-1EA42-0AA0 | 12920.-           |
|                     |                                           | 50                         | 3VJ1005-1DA22-0AA0          | 6980.-            | 3VJ1005-1DA32-0AA0 | 10075.-           | 3VJ1005-1EA42-0AA0 | 12920.-           |
|                     |                                           | 63                         | 3VJ1006-1DA22-0AA0          | 6980.-            | 3VJ1006-1DA32-0AA0 | 10075.-           | 3VJ1006-1EA42-0AA0 | 12920.-           |
|                     |                                           | 80                         | 3VJ1008-1DA22-0AA0          | 6980.-            | 3VJ1008-1DA32-0AA0 | 10075.-           | 3VJ1008-1EA42-0AA0 | 12920.-           |
|                     |                                           | 100                        | 3VJ1010-1DA22-0AA0          | 6980.-            | 3VJ1010-1DA32-0AA0 | 10075.-           | 3VJ1010-1EA42-0AA0 | 12920.-           |
|                     |                                           | 125                        | 3VJ1012-1DA22-0AA0          | 8070.-            | 3VJ1012-1DA32-0AA0 | 11550.-           | 3VJ1012-1EA42-0AA0 | 15025.-           |
|                     | 25kA                                      | 16                         | 3VJ1096-3DA22-0AA0          | 8375.-            | 3VJ1096-3DA32-0AA0 | 10980.-           | 3VJ1096-3EA42-0AA0 | 14570.-           |
|                     |                                           | 20                         | 3VJ1002-3DA22-0AA0          | 8375.-            | 3VJ1002-3DA32-0AA0 | 10980.-           | 3VJ1002-3EA42-0AA0 | 14570.-           |
|                     |                                           | 25                         | 3VJ1092-3DA22-0AA0          | 8375.-            | 3VJ1092-3DA32-0AA0 | 10980.-           | 3VJ1092-3EA42-0AA0 | 14570.-           |
|                     |                                           | 32                         | 3VJ1003-3DA22-0AA0          | 8375.-            | 3VJ1003-3DA32-0AA0 | 10980.-           | 3VJ1003-3EA42-0AA0 | 14570.-           |
|                     |                                           | 40                         | 3VJ1004-3DA22-0AA0          | 8375.-            | 3VJ1004-3DA32-0AA0 | 10980.-           | 3VJ1004-3EA42-0AA0 | 14570.-           |
|                     |                                           | 50                         | 3VJ1005-3DA22-0AA0          | 8375.-            | 3VJ1005-3DA32-0AA0 | 10980.-           | 3VJ1005-3EA42-0AA0 | 14570.-           |
|                     |                                           | 63                         | 3VJ1006-3DA22-0AA0          | 8375.-            | 3VJ1006-3DA32-0AA0 | 10980.-           | 3VJ1006-3EA42-0AA0 | 14570.-           |
|                     |                                           | 80                         | 3VJ1008-3DA22-0AA0          | 8375.-            | 3VJ1008-3DA32-0AA0 | 10980.-           | 3VJ1008-3EA42-0AA0 | 14570.-           |
|                     |                                           | 100                        | 3VJ1010-3DA22-0AA0          | 8375.-            | 3VJ1010-3DA32-0AA0 | 10980.-           | 3VJ1010-3EA42-0AA0 | 14570.-           |
|                     |                                           | 125                        | 3VJ1012-3DA22-0AA0          | 8375.-            | 3VJ1012-3DA32-0AA0 | 12550.-           | 3VJ1012-3EA42-0AA0 | 16015.-           |

### 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.





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

| Frame Size         | Breaking Capacity<br>@415V AC,<br>50/60Hz | Rated<br>Current<br>In (A) | 2^ Pole<br>Type    | Unit<br>MRP*<br>₹  | 3 Pole<br>Type     | Unit<br>MRP*<br>₹  | 4 Pole<br>Type     | Unit<br>MRP*<br>₹ |
|--------------------|-------------------------------------------|----------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|-------------------|
| 3VJ12<br>(VJ1 250) | 25kA                                      | 160                        | 3VJ1216-3DA22-0AA0 | 17005.-            | 3VJ1216-3DA32-0AA0 | 19715.-            | 3VJ1216-3EA42-0AA0 | 25930.-           |
|                    |                                           | 200                        | 3VJ1220-3DA22-0AA0 | 17200.-            | 3VJ1220-3DA32-0AA0 | 20020.-            | 3VJ1220-3EA42-0AA0 | 28475.-           |
|                    |                                           | 250                        | 3VJ1225-3DA22-0AA0 | 17375.-            | 3VJ1225-3DA32-0AA0 | 22530.-            | 3VJ1225-3EA42-0AA0 | 29665.-           |
| 3VJ13<br>(VJ1 400) |                                           | 320                        | —                  | —                  | 3VJ1332-3DA32-0AA0 | 44630.-            | 3VJ1332-3EA42-0AA0 | 57480.-           |
|                    |                                           | 400                        | —                  | —                  | 3VJ1340-3DA32-0AA0 | 44630.-            | 3VJ1340-3EA42-0AA0 | 57480.-           |
| 3VJ11<br>(VJ1 125) | 36kA                                      | 16                         | 3VJ1196-5DA22-0AA0 | 12890.-            | 3VJ1196-5DA32-0AA0 | 15330.-            | 3VJ1196-5EA42-0AA0 | 20245.-           |
|                    |                                           | 20                         | 3VJ1102-5DA22-0AA0 | 12890.-            | 3VJ1102-5DA32-0AA0 | 15330.-            | 3VJ1102-5EA42-0AA0 | 20245.-           |
|                    |                                           | 25                         | 3VJ1192-5DA22-0AA0 | 12890.-            | 3VJ1192-5DA32-0AA0 | 15330.-            | 3VJ1192-5EA42-0AA0 | 20245.-           |
|                    |                                           | 32                         | 3VJ1103-5DA22-0AA0 | 12890.-            | 3VJ1103-5DA32-0AA0 | 15330.-            | 3VJ1103-5EA42-0AA0 | 20245.-           |
|                    |                                           | 40                         | 3VJ1104-5DA22-0AA0 | 12890.-            | 3VJ1104-5DA32-0AA0 | 15330.-            | 3VJ1104-5EA42-0AA0 | 20245.-           |
|                    |                                           | 50                         | 3VJ1105-5DA22-0AA0 | 12890.-            | 3VJ1105-5DA32-0AA0 | 15330.-            | 3VJ1105-5EA42-0AA0 | 20245.-           |
|                    |                                           | 63                         | 3VJ1106-5DA22-0AA0 | 12890.-            | 3VJ1106-5DA32-0AA0 | 15330.-            | 3VJ1106-5EA42-0AA0 | 20245.-           |
|                    |                                           | 80                         | 3VJ1108-5DA22-0AA0 | 12890.-            | 3VJ1108-5DA32-0AA0 | 15780.-            | 3VJ1108-5EA42-0AA0 | 20875.-           |
|                    |                                           | 100                        | 3VJ1110-5DA22-0AA0 | 12890.-            | 3VJ1110-5DA32-0AA0 | 15780.-            | 3VJ1110-5EA42-0AA0 | 20875.-           |
|                    |                                           | 125                        | 3VJ1112-5DA22-0AA0 | 12890.-            | 3VJ1112-5DA32-0AA0 | 17360.-            | 3VJ1112-5EA42-0AA0 | 22685.-           |
| 3VJ12<br>(VJ1 250) |                                           | 160                        | 3VJ1216-5DA22-0AA0 | 17935.-            | 3VJ1216-5DA32-0AA0 | 22075.-            | 3VJ1216-5EA42-0AA0 | 26850.-           |
|                    |                                           | 200                        | 3VJ1220-5DA22-0AA0 | 18895.-            | 3VJ1220-5DA32-0AA0 | 27220.-            | 3VJ1220-5EA42-0AA0 | 35130.-           |
|                    |                                           | 250                        | 3VJ1225-5DA22-0AA0 | 21325.-            | 3VJ1225-5DA32-0AA0 | 31285.-            | 3VJ1225-5EA42-0AA0 | 40260.-           |
| 3VJ13<br>(VJ1 400) |                                           | 320                        | —                  | —                  | 3VJ1332-5DA32-0AA0 | 45745.-            | 3VJ1332-5EA42-0AA0 | 58595.-           |
|                    |                                           | 400                        | —                  | —                  | 3VJ1340-5DA32-0AA0 | 45745.-            | 3VJ1340-5EA42-0AA0 | 58595.-           |
| 3VJ14<br>(VJ1 630) | 500                                       | —                          | —                  | 3VJ1450-5DA32-0AA0 | 68620.-            | 3VJ1450-5EA42-0AA0 | 87900.-            |                   |
|                    | 630                                       | —                          | —                  | 3VJ1463-5DA32-0AA0 | 68620.-            | 3VJ1463-5EA42-0AA0 | 87900.-            |                   |
| 3VJ11<br>(VJ1 125) | 55kA                                      | 16                         | 3VJ1196-7DA22-0AA0 | 13560.-            | 3VJ1196-7DA32-0AA0 | 19610.-            | 3VJ1196-7EA42-0AA0 | 25870.-           |
|                    |                                           | 20                         | 3VJ1102-7DA22-0AA0 | 13560.-            | 3VJ1102-7DA32-0AA0 | 19610.-            | 3VJ1102-7EA42-0AA0 | 25870.-           |
|                    |                                           | 25                         | 3VJ1192-7DA22-0AA0 | 13560.-            | 3VJ1192-7DA32-0AA0 | 19610.-            | 3VJ1192-7EA42-0AA0 | 25870.-           |
|                    |                                           | 32                         | 3VJ1103-7DA22-0AA0 | 13560.-            | 3VJ1103-7DA32-0AA0 | 19610.-            | 3VJ1103-7EA42-0AA0 | 25870.-           |
|                    |                                           | 40                         | 3VJ1104-7DA22-0AA0 | 13560.-            | 3VJ1104-7DA32-0AA0 | 19610.-            | 3VJ1104-7EA42-0AA0 | 25870.-           |
|                    |                                           | 50                         | 3VJ1105-7DA22-0AA0 | 13560.-            | 3VJ1105-7DA32-0AA0 | 19610.-            | 3VJ1105-7EA42-0AA0 | 25870.-           |
|                    |                                           | 63                         | 3VJ1106-7DA22-0AA0 | 13560.-            | 3VJ1106-7DA32-0AA0 | 19610.-            | 3VJ1106-7EA42-0AA0 | 25870.-           |
|                    |                                           | 80                         | 3VJ1108-7DA22-0AA0 | 13560.-            | 3VJ1108-7DA32-0AA0 | 19610.-            | 3VJ1108-7EA42-0AA0 | 25870.-           |
|                    |                                           | 100                        | 3VJ1110-7DA22-0AA0 | 13560.-            | 3VJ1110-7DA32-0AA0 | 19610.-            | 3VJ1110-7EA42-0AA0 | 25870.-           |
|                    |                                           | 125                        | 3VJ1112-7DA22-0AA0 | 13560.-            | 3VJ1112-7DA32-0AA0 | 21575.-            | 3VJ1112-7EA42-0AA0 | 28450.-           |
| 3VJ12<br>(VJ1 250) |                                           | 160                        | 3VJ1216-7DA22-0AA0 | 19440.-            | 3VJ1216-7DA32-0AA0 | 27310.-            | 3VJ1216-7EA42-0AA0 | 36070.-           |
|                    |                                           | 200                        | 3VJ1220-7DA22-0AA0 | 19830.-            | 3VJ1220-7DA32-0AA0 | 31400.-            | 3VJ1220-7EA42-0AA0 | 41465.-           |
|                    |                                           | 250                        | 3VJ1225-7DA22-0AA0 | 21715.-            | 3VJ1225-7DA32-0AA0 | 36110.-            | 3VJ1225-7EA42-0AA0 | 47695.-           |
| 3VJ13<br>(VJ1 400) |                                           | 320                        | —                  | —                  | 3VJ1332-7DA32-0AA0 | 46865.-            | 3VJ1332-7EA42-0AA0 | 60275.-           |
|                    |                                           | 400                        | —                  | —                  | 3VJ1340-7DA32-0AA0 | 46865.-            | 3VJ1340-7EA42-0AA0 | 60275.-           |
| 3VJ14<br>(VJ1 630) | 500                                       | —                          | —                  | 3VJ1450-7DA32-0AA0 | 70295.-            | 3VJ1450-7EA42-0AA0 | 90395.-            |                   |
|                    | 630                                       | —                          | —                  | 3VJ1463-7DA32-0AA0 | 70295.-            | 3VJ1463-7EA42-0AA0 | 90395.-            |                   |

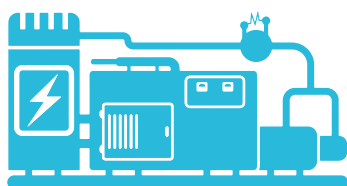
Notes:

Phase barriers are included in the standard MCCB packing

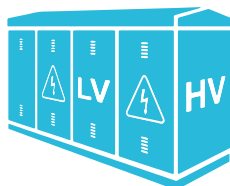
^2P in 3P Frame Size

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<br>@415V AC,<br>50/60Hz | Rated Current<br>In (A) | 3 Pole<br>Type     | Unit MRP*<br>₹ | 4 Pole<br>Type     | Unit MRP*<br>₹ |
|---------------------|-------------------------------------------|-------------------------|--------------------|----------------|--------------------|----------------|
| 3VJ10<br>(VJ1 125X) | 10kA                                      | 16                      | 3VJ1096-0DB32-0AA0 | 7980.-         | 3VJ1096-0EB42-0AA0 | 10775.-        |
|                     |                                           | 20                      | 3VJ1002-0DB32-0AA0 | 7980.-         | 3VJ1002-0EB42-0AA0 | 10775.-        |
|                     |                                           | 25                      | 3VJ1092-0DB32-0AA0 | 7980.-         | 3VJ1092-0EB42-0AA0 | 10775.-        |
|                     |                                           | 32                      | 3VJ1003-0DB32-0AA0 | 7980.-         | 3VJ1003-0EB42-0AA0 | 10775.-        |
|                     |                                           | 40                      | 3VJ1004-0DB32-0AA0 | 7980.-         | 3VJ1004-0EB42-0AA0 | 10775.-        |
|                     |                                           | 50                      | 3VJ1005-0DB32-0AA0 | 7980.-         | 3VJ1005-0EB42-0AA0 | 10775.-        |
|                     |                                           | 63                      | 3VJ1006-0DB32-0AA0 | 7980.-         | 3VJ1006-0EB42-0AA0 | 10775.-        |
|                     |                                           | 80                      | 3VJ1008-0DB32-0AA0 | 7980.-         | 3VJ1008-0EB42-0AA0 | 10775.-        |
|                     |                                           | 100                     | 3VJ1010-0DB32-0AA0 | 7980.-         | 3VJ1010-0EB42-0AA0 | 10775.-        |
|                     |                                           | 125                     | 3VJ1012-0DB32-0AA0 | 11480.-        | 3VJ1012-0EB42-0AA0 | 16200.-        |
|                     | 18kA                                      | 16                      | 3VJ1096-1DB32-0AA0 | 12065.-        | 3VJ1096-1EB42-0AA0 | 15485.-        |
|                     |                                           | 20                      | 3VJ1002-1DB32-0AA0 | 12065.-        | 3VJ1002-1EB42-0AA0 | 15485.-        |
|                     |                                           | 25                      | 3VJ1092-1DB32-0AA0 | 12065.-        | 3VJ1092-1EB42-0AA0 | 15485.-        |
|                     |                                           | 32                      | 3VJ1003-1DB32-0AA0 | 12065.-        | 3VJ1003-1EB42-0AA0 | 15485.-        |
|                     |                                           | 40                      | 3VJ1004-1DB32-0AA0 | 12065.-        | 3VJ1004-1EB42-0AA0 | 15485.-        |
|                     |                                           | 50                      | 3VJ1005-1DB32-0AA0 | 12065.-        | 3VJ1005-1EB42-0AA0 | 15485.-        |
|                     |                                           | 63                      | 3VJ1006-1DB32-0AA0 | 12065.-        | 3VJ1006-1EB42-0AA0 | 15485.-        |
|                     |                                           | 80                      | 3VJ1008-1DB32-0AA0 | 12065.-        | 3VJ1008-1EB42-0AA0 | 15485.-        |
|                     |                                           | 100                     | 3VJ1010-1DB32-0AA0 | 12065.-        | 3VJ1010-1EB42-0AA0 | 15485.-        |
|                     |                                           | 125                     | 3VJ1012-1DB32-0AA0 | 13830.-        | 3VJ1012-1EB42-0AA0 | 18010.-        |
|                     | 25kA                                      | 16                      | 3VJ1096-3DB32-0AA0 | 13860.-        | 3VJ1096-3EB42-0AA0 | 18385.-        |
|                     |                                           | 20                      | 3VJ1002-3DB32-0AA0 | 13860.-        | 3VJ1002-3EB42-0AA0 | 18385.-        |
|                     |                                           | 25                      | 3VJ1092-3DB32-0AA0 | 13860.-        | 3VJ1092-3EB42-0AA0 | 18385.-        |
|                     |                                           | 32                      | 3VJ1003-3DB32-0AA0 | 13860.-        | 3VJ1003-3EB42-0AA0 | 18385.-        |
|                     |                                           | 40                      | 3VJ1004-3DB32-0AA0 | 13860.-        | 3VJ1004-3EB42-0AA0 | 18385.-        |
|                     |                                           | 50                      | 3VJ1005-3DB32-0AA0 | 13860.-        | 3VJ1005-3EB42-0AA0 | 18385.-        |
|                     |                                           | 63                      | 3VJ1006-3DB32-0AA0 | 13860.-        | 3VJ1006-3EB42-0AA0 | 18385.-        |
|                     |                                           | 80                      | 3VJ1008-3DB32-0AA0 | 13860.-        | 3VJ1008-3EB42-0AA0 | 18385.-        |
|                     |                                           | 100                     | 3VJ1010-3DB32-0AA0 | 13860.-        | 3VJ1010-3EB42-0AA0 | 18385.-        |
|                     |                                           | 125                     | 3VJ1012-3DB32-0AA0 | 15810.-        | 3VJ1012-3EB42-0AA0 | 20210.-        |

## Notes:

Phase barriers are included in the standard MCCB packing

Std. Pkg. = 1 unit

\* MRP - Max. Retail Price



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

| Frame Size         | Breaking Capacity<br>@415V AC,<br>50/60Hz | Rated Current<br>In (A) | 3 Pole<br>Type     | Unit MRP*<br>₹ | 4 Pole<br>Type     | Unit MRP*<br>₹ |
|--------------------|-------------------------------------------|-------------------------|--------------------|----------------|--------------------|----------------|
| 3VJ12<br>(VJ1 250) | 25kA                                      | 160                     | 3VJ1216-3DB32-0AA0 | 22225.-        | 3VJ1216-3EB42-0AA0 | 27060.-        |
|                    |                                           | 200                     | 3VJ1220-3DB32-0AA0 | 24005.-        | 3VJ1220-3EB42-0AA0 | 30210.-        |
|                    |                                           | 250                     | 3VJ1225-3DB32-0AA0 | 27010.-        | 3VJ1225-3EB42-0AA0 | 35575.-        |
|                    |                                           | 320                     | 3VJ1332-3DB32-0AA0 | 50550.-        | 3VJ1332-3EB42-0AA0 | 65100.-        |
|                    |                                           | 400                     | 3VJ1340-3DB32-0AA0 | 50550.-        | 3VJ1340-3EB42-0AA0 | 65100.-        |
| 3VJ13<br>(VJ1 400) |                                           |                         |                    |                |                    |                |
| 3VJ11<br>(VJ1 125) | 36kA                                      | 16                      | 3VJ1196-5DB32-0AA0 | 18385.-        | 3VJ1196-5EB42-0AA0 | 24275.-        |
|                    |                                           | 20                      | 3VJ1102-5DB32-0AA0 | 18385.-        | 3VJ1102-5EB42-0AA0 | 24275.-        |
|                    |                                           | 25                      | 3VJ1192-5DB32-0AA0 | 18385.-        | 3VJ1192-5EB42-0AA0 | 24275.-        |
|                    |                                           | 32                      | 3VJ1103-5DB32-0AA0 | 18385.-        | 3VJ1103-5EB42-0AA0 | 24275.-        |
|                    |                                           | 40                      | 3VJ1104-5DB32-0AA0 | 18385.-        | 3VJ1104-5EB42-0AA0 | 24275.-        |
|                    |                                           | 50                      | 3VJ1105-5DB32-0AA0 | 18385.-        | 3VJ1105-5EB42-0AA0 | 24275.-        |
|                    |                                           | 63                      | 3VJ1106-5DB32-0AA0 | 18385.-        | 3VJ1106-5EB42-0AA0 | 24275.-        |
|                    |                                           | 80                      | 3VJ1108-5DB32-0AA0 | 18385.-        | 3VJ1108-5EB42-0AA0 | 24275.-        |
|                    |                                           | 100                     | 3VJ1110-5DB32-0AA0 | 18385.-        | 3VJ1110-5EB42-0AA0 | 24275.-        |
|                    |                                           | 125                     | 3VJ1112-5DB32-0AA0 | 20820.-        | 3VJ1112-5EB42-0AA0 | 26395.-        |
|                    |                                           | 160                     | 3VJ1216-5DB32-0AA0 | 25210.-        | 3VJ1216-5EB42-0AA0 | 30660.-        |
|                    |                                           | 200                     | 3VJ1220-5DB32-0AA0 | 32640.-        | 3VJ1220-5EB42-0AA0 | 42125.-        |
| 3VJ12<br>(VJ1 250) |                                           | 250                     | 3VJ1225-5DB32-0AA0 | 37525.-        | 3VJ1225-5EB42-0AA0 | 48280.-        |
| 3VJ13<br>(VJ1 400) |                                           | 320                     | 3VJ1332-5DB32-0AA0 | 51810.-        | 3VJ1332-5EB42-0AA0 | 66360.-        |
|                    |                                           | 400                     | 3VJ1340-5DB32-0AA0 | 51810.-        | 3VJ1340-5EB42-0AA0 | 66360.-        |
| 3VJ14<br>(VJ1 630) |                                           | 500                     | 3VJ1450-5DB32-0AA0 | 77725.-        | 3VJ1450-5EB42-0AA0 | 99545.-        |
|                    |                                           | 630                     | 3VJ1463-5DB32-0AA0 | 77725.-        | 3VJ1463-5EB42-0AA0 | 99545.-        |
| 3VJ11<br>(VJ1 125) | 55kA                                      | 16                      | 3VJ1196-7DB32-0AA0 | 22205.-        | 3VJ1196-7EB42-0AA0 | 29290.-        |
|                    |                                           | 20                      | 3VJ1102-7DB32-0AA0 | 22205.-        | 3VJ1102-7EB42-0AA0 | 29290.-        |
|                    |                                           | 25                      | 3VJ1192-7DB32-0AA0 | 22205.-        | 3VJ1192-7EB42-0AA0 | 29290.-        |
|                    |                                           | 32                      | 3VJ1103-7DB32-0AA0 | 22205.-        | 3VJ1103-7EB42-0AA0 | 29290.-        |
|                    |                                           | 40                      | 3VJ1104-7DB32-0AA0 | 22205.-        | 3VJ1104-7EB42-0AA0 | 29290.-        |
|                    |                                           | 50                      | 3VJ1105-7DB32-0AA0 | 22205.-        | 3VJ1105-7EB42-0AA0 | 29290.-        |
|                    |                                           | 63                      | 3VJ1106-7DB32-0AA0 | 22205.-        | 3VJ1106-7EB42-0AA0 | 29290.-        |
|                    |                                           | 80                      | 3VJ1108-7DB32-0AA0 | 22205.-        | 3VJ1108-7EB42-0AA0 | 29290.-        |
|                    |                                           | 100                     | 3VJ1110-7DB32-0AA0 | 22205.-        | 3VJ1110-7EB42-0AA0 | 29290.-        |
|                    |                                           | 125                     | 3VJ1112-7DB32-0AA0 | 24430.-        | 3VJ1112-7EB42-0AA0 | 32225.-        |
|                    |                                           | 160                     | 3VJ1216-7DB32-0AA0 | 29230.-        | 3VJ1216-7EB42-0AA0 | 38615.-        |
|                    |                                           | 200                     | 3VJ1220-7DB32-0AA0 | 33625.-        | 3VJ1220-7EB42-0AA0 | 44390.-        |
| 3VJ12<br>(VJ1 250) |                                           | 250                     | 3VJ1225-7DB32-0AA0 | 38640.-        | 3VJ1225-7EB42-0AA0 | 51055.-        |
| 3VJ13<br>(VJ1 400) |                                           | 320                     | 3VJ1332-7DB32-0AA0 | 53075.-        | 3VJ1332-7EB42-0AA0 | 68270.-        |
|                    |                                           | 400                     | 3VJ1340-7DB32-0AA0 | 53075.-        | 3VJ1340-7EB42-0AA0 | 68270.-        |
| 3VJ14<br>(VJ1 630) |                                           | 500                     | 3VJ1450-7DB32-0AA0 | 79625.-        | 3VJ1450-7EB42-0AA0 | 102390.-       |
|                    |                                           | 630                     | 3VJ1463-7DB32-0AA0 | 79625.-        | 3VJ1463-7EB42-0AA0 | 102390.-       |

Notes: Phase barriers are included in the standard MCCB packing

Earth Fault Protection for 3VJ MCCBs

| Description                                                                                                                                                                | Type          | Unit LP* ₹      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|-----------------|
| Earth fault monitoring relay <ul style="list-style-type: none"><li>Auxiliary voltage: 85-270V AC/DC</li><li>Change over contact: 2C/O</li><li>Width: 35mm module</li></ul> | 7UG0861-1BU20 | 9755.-          |
| CBCT for EFR: Suitable for 3VJ10 up to 125A                                                                                                                                | 3P            | 7UG09910 3365.- |
|                                                                                                                                                                            | 4P            | 7UG09911 3840.- |
| CBCT for EFR: Suitable for 3VJ11 up to 125A                                                                                                                                | 3P            | 7UG09911 3840.- |
|                                                                                                                                                                            | 4P            | 7UG09911 3840.- |
| CBCT for EFR: Suitable for 3VJ12 up to 250A                                                                                                                                | 3P            | 7UG09912 4065.- |
|                                                                                                                                                                            | 4P            | 7UG09913 4790.- |
| CBCT for EFR: Suitable for 3VJ13/14 upto 630A                                                                                                                              | 3P            | 7UG09915 6490.- |

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

Earth Leakage Protection for 3VJ MCCBs

| Description                                | Type       | Unit LP* ₹           |
|--------------------------------------------|------------|----------------------|
| Earth leakage relay 1Ph-2W, 3Ph-3W, 3Ph-4W | 110VAC     | 7UG0841-1CB20 9440.- |
|                                            | 230VAC     | 7UG0842-1CD20 9535.- |
| CBCT for ELR                               | 35 mm dia  | 7UG0996 3430.-       |
|                                            | 70 mm dia  | 7UG0997 3925.-       |
|                                            | 120 mm dia | 7UG0999 6690.-       |
|                                            | 210 mm dia | 7UG0994 12860.-      |
|                                            | 310 mm dia | 7UG0995 19170.-      |



## 3VJ Internal accessories

| Frame Size                                 | Accessory compartment/<br>Coil voltage | 3VJ10<br>(VJ1 125X) | Unit<br>MRP*<br>₹ | 3VJ11<br>(VJ1 125) | Unit<br>MRP*<br>₹ | 3VJ12<br>(VJ1 250) | Unit<br>MRP*<br>₹ | 3VJ13/14<br>(VJ1 400/630) | Unit<br>MRP*<br>₹ |
|--------------------------------------------|----------------------------------------|---------------------|-------------------|--------------------|-------------------|--------------------|-------------------|---------------------------|-------------------|
| Accessory                                  |                                        |                     |                   |                    |                   |                    |                   |                           |                   |
| Auxiliary Switches<br>(AUX)                | Left                                   | 3VJ9018-0AN11       | 2875.-            | 3VJ9218-0AN11      | 2965.-            | 3VJ9218-0AN11      | 2965.-            | 3VJ9417-0AN11             | 3215.-            |
|                                            | Right                                  | –                   | –                 | 3VJ9218-0AN21      | 2965.-            | 3VJ9218-0AN21      | 2965.-            | 3VJ9417-0AN21             | 3215.-            |
| Alarm Switches<br>(AL)                     | Left                                   | 3VJ9018-0AA11       | 2875.-            | 3VJ9118-0AA11      | 2875.-            | 3VJ9218-0AA11      | 2965.-            | 3VJ9417-0AA11             | 3215.-            |
|                                            | Right                                  | –                   | –                 | 3VJ9118-0AA21      | 2875.-            | 3VJ9218-0AA21      | 2965.-            | 3VJ9417-0AA21             | 3215.-            |
| Auxiliary + Alarm<br>Switches<br>(AUX+AL)  | Left                                   | 3VJ9018-0AD11       | 4650.-            | 3VJ9118-0AD11      | 4650.-            | 3VJ9218-0AD11      | 4880.-            | 3VJ9417-0AD11             | 5545.-            |
|                                            | Right                                  | –                   | –                 | 3VJ9118-0AD21      | 4650.-            | 3VJ9218-0AD21      | 4880.-            | 3VJ9417-0AD21             | 5545.-            |
| Shunt Trip<br>(Right)<br>(ST)              | 24V DC                                 | –                   | –                 | 3VJ9218-0ST11      | 5915.-            | 3VJ9218-0ST11      | 5915.-            | –                         | –                 |
|                                            | 24V AC/DC                              | –                   | –                 | –                  | –                 | –                  | –                 | 3VJ9417-0ST21             | 6655.-            |
|                                            | 48V DC                                 | –                   | –                 | 3VJ9218-0ST12      | 5915.-            | 3VJ9218-0ST12      | 5915.-            | –                         | –                 |
|                                            | 48V AC/DC                              | –                   | –                 | –                  | –                 | –                  | –                 | 3VJ9417-0ST22             | 6655.-            |
|                                            | 110V DC                                | 3VJ9018-0ST15       | 4310.-            | 3VJ9218-0ST15      | 5915.-            | 3VJ9218-0ST15      | 5915.-            | –                         | –                 |
|                                            | 110V AC/DC                             | –                   | –                 | –                  | –                 | –                  | –                 | 3VJ9417-0ST25             | 6655.-            |
|                                            | 110V AC                                | 3VJ9018-0ST35       | 4310.-            | 3VJ9218-0ST35      | 6145.-            | 3VJ9218-0ST35      | 6145.-            | –                         | –                 |
|                                            | 220V AC                                | 3VJ9018-0ST36       | 4670.-            | 3VJ9218-0ST36      | 6350.-            | 3VJ9218-0ST36      | 6350.-            | 3VJ9417-0ST36             | 7320.-            |
| Undervoltage<br>Release<br>(Left)<br>(UVR) | 415V AC                                | 3VJ9018-0ST37       | 4670.-            | 3VJ9218-0ST37      | 6350.-            | 3VJ9218-0ST37      | 6350.-            | 3VJ9417-0ST37             | 7320.-            |
|                                            | 24V DC                                 | –                   | –                 | 3VJ9218-0UV11      | 8480.-            | 3VJ9218-0UV11      | 8480.-            | –                         | –                 |
|                                            | 48V DC                                 | –                   | –                 | 3VJ9218-0UV12      | 8480.-            | 3VJ9218-0UV12      | 8480.-            | –                         | –                 |
|                                            | 220V AC                                | –                   | –                 | 3VJ9218-0UV36      | 8905.-            | 3VJ9218-0UV36      | 8905.-            | 3VJ9417-0UV36             | 22190.-           |
|                                            | 415V AC                                | –                   | –                 | 3VJ9218-0UV37      | 9530.-            | 3VJ9218-0UV37      | 9530.-            | 3VJ9417-0UV37             | 22190.-           |

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

## 3VJ External accessories

| Frame Size                                                                       | No. of<br>poles | 3VJ10<br>(VJ1 125X) | Unit<br>MRP*<br>₹ | 3VJ11<br>(VJ1 125) | Unit<br>MRP*<br>₹ | 3VJ12<br>(VJ1 250) | Unit<br>MRP*<br>₹ | 3VJ13<br>(VJ1 400) | Unit<br>MRP*<br>₹ | 3VJ14<br>(VJ1 630) | Unit<br>MRP*<br>₹ |
|----------------------------------------------------------------------------------|-----------------|---------------------|-------------------|--------------------|-------------------|--------------------|-------------------|--------------------|-------------------|--------------------|-------------------|
| Accessory                                                                        |                 |                     |                   |                    |                   |                    |                   |                    |                   |                    |                   |
| Extended<br>Door Mounted<br>Rotary<br>Operator<br>(including 8UC<br>handle)@     | –               | 3VJ9018-0HD11       | 4240.-            | 3VJ9118-0HD11      | 4565.-            | 3VJ9218-0HD11      | 5340.-            | 3VJ9417-0HD11      | 7055.-            | 3VJ9417-0HD11      | 7055.-            |
| Spreader<br>Links^                                                               | 2P              | 3VJ9012-0ED00       | 385.-             | 3VJ9112-0ED00      | 420.-             | 3VJ9212-0ED00      | 1280.-            | –                  | –                 | –                  | –                 |
|                                                                                  | 3P              | 3VJ9013-0ED00       | 650.-             | 3VJ9113-0ED00      | 680.-             | 3VJ9213-0ED00      | 2065.-            | 3VJ9313-0ED00      | 3605.-            | 3VJ9413-0ED00      | 4525.-            |
|                                                                                  | 4P              | 3VJ9014-0ED00       | 840.-             | 3VJ9114-0ED00      | 875.-             | 3VJ9214-0ED00      | 2695.-            | 3VJ9314-0ED00      | 5075.-            | 3VJ9414-0ED00      | 6390.-            |
| Phase Barriers#                                                                  |                 | 3VJ9018-0CA00       | 300.-             | 3VJ9218-0CA00      | 470.-             | 3VJ9218-0CA00      | 470.-             | 3VJ9417-0CA00      | 535.-             | 3VJ9417-0CA00      | 535.-             |
| Front Barriers\$                                                                 | 2P/3P           | 3VJ9016-0CJ30       | 685.-             | 3VJ9116-0CJ30      | 815.-             | 3VJ9216-0CJ30      | 1170.-            | 3VJ9413-0CJ30      | 1525.-            | 3VJ9413-0CJ30      | 1525.-            |
|                                                                                  | 4P              | 3VJ9014-0CJ40       | 960.-             | 3VJ9114-0CJ40      | 1040.-            | 3VJ9214-0CJ40      | 1370.-            | 3VJ9414-0CJ40      | 1880.-            | 3VJ9414-0CJ40      | 1880.-            |
| Toggle handle<br>extension                                                       | –               | –                   | –                 | –                  | –                 | –                  | –                 | 3VJ9417-0DH10      | 1205.-            | 3VJ9417-0DH10      | 1205.-            |
| Interlocking<br>(for MCCBs<br>with 8UC<br>handles)<br>- Castell<br>interlock kit | –               | 8UC60701YQ..        | 10765.-           | 8UC60701YQ..       | 10765.-           | 8UC60701YQ..       | 10765.-           | 8UC60702YQ..       | 11050.-           | 8UC60702YQ..       | 11050.-           |
| SS Enclosures                                                                    | 2P/3P           | 3VJ9016-0DE11       | 4795.-            | 3VJ9116-0DE11      | 4795.-            | 3VJ9216-0DE12      | 10505.-           | –                  | –                 | –                  | –                 |
|                                                                                  | 4P              | 3VJ9014-0DE11       | 4795.-            | 3VJ9114-0DE11      | 4795.-            | 3VJ9214-0DE12      | 10505.-           | –                  | –                 | –                  | –                 |
| Padlock on<br>MCCB Dolly/<br>Knob                                                | –               | –                   | –                 | 3VJ9118-0LM10      | 1920.-            | 3VJ9218-0LM10      | 1920.-            | 3VJ9317-0LM10      | 4650.-            | 3VJ9317-0LM10      | 4650.-            |
| Mechanical<br>Interlocking<br>Devices (Front<br>sliding bar<br>type)             | 3P              | –                   | –                 | 3VJ9116-0VM10      | 5245.-            | 3VJ9216-0VM10      | 10225.-           | 3VJ9313-0VM10      | 19925.-           | 3VJ9313-0VM10      | 19925.-           |
|                                                                                  | 4P              | –                   | –                 | 3VJ9114-0VM10      | 5465.-            | 3VJ9214-0VM10      | 12065.-           | 3VJ9314-0VM10      | 26660.-           | 3VJ9314-0VM10      | 26660.-           |

Notes:

@ 1 set contains rotary mechanism, coupler, shaft &amp; 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 &amp; bottom)

Toggle handle extension is included in the standard packing of 3VJ13 &amp; 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



**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
- Conforms to IEC 60947-6-1
- Plug-in DI/DO expansion modules for additional functionality
- Easy parameterization through Powerconfig
- Ingress protection up to IP65

[www.siemens.com/switching-devices](http://www.siemens.com/switching-devices)

**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 <sub>e</sub>      | 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 <sup>1)</sup>   Communication Modules <sup>2)</sup> | LCD Display   USB Front interface <sup>1)</sup>   Communication Modules <sup>2)</sup> |
| 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 (MODBUS RTU)<br>MODBUS TCP via expansion module            |

<sup>1) 2)</sup> Available as accessory. Parameterization to be done via Powerconfig

| Description                                                                           | Type No       | Unit LP* ₹ | Std. pkg. (nos.) |
|---------------------------------------------------------------------------------------|---------------|------------|------------------|
| <b>Automatic Transfer Controllers</b>                                                 |               |            |                  |
| 3KC ATC 6300                                                                          | 3KC9000-8TL40 | 245850.-   | 1                |
| 3KC ATC 6500                                                                          | 3KC9000-8TL50 | POR        | 1                |
| <b>Accessories   Expandable DI /DO Modules (For both ATC 6300 &amp; 6500)</b>         |               |            |                  |
| 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                |
| <b>Expansion modules with communication interfaces (For both ATC 6300 &amp; 6500)</b> |               |            |                  |
| ATC6 RS 485 expansion module                                                          | 3KC9000-8TL74 | POR        | 1                |
| ATC6 Ethernet expansion module                                                        | 3KC9000-8TL75 | POR        | 1                |
| <b>USB Front interface (For both ATC 6300 &amp; 6500)</b>                             |               |            |                  |
| ATC6 USB front interface                                                              | 3KC9000-8TL73 | POR        | 1                |
| <b>IP 65 Protective Gasket</b>                                                        |               |            |                  |
| 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<sup>plus</sup>

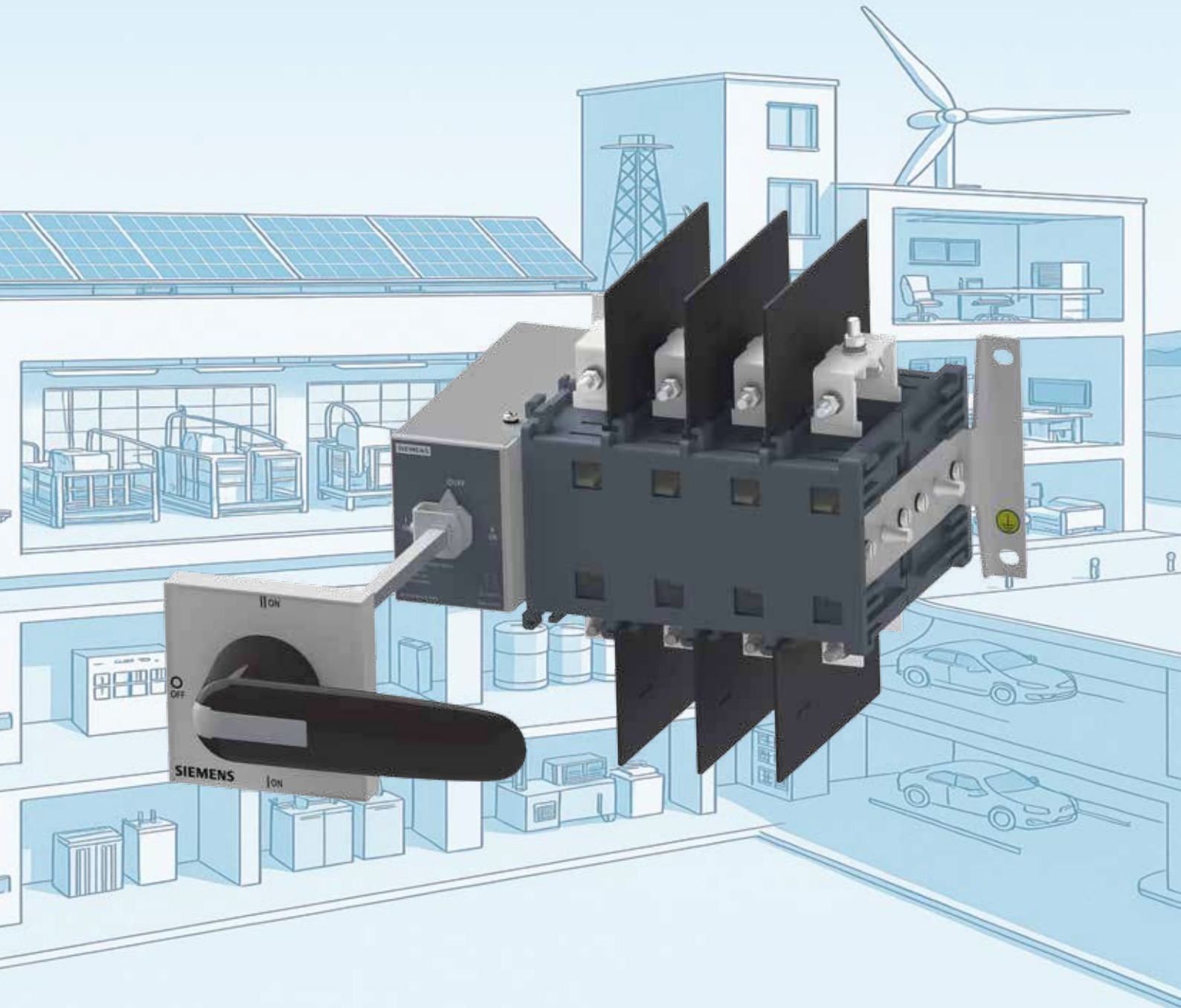


3VA



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

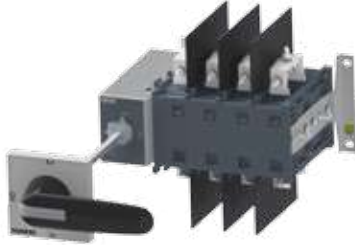
[www.siemens.co.in](http://www.siemens.co.in)

**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<br>@415V 50/60Hz | MCOS in Open execution | Unit MRP*<br>₹ | MCOS in Enclosed execution | Unit MRP*<br>₹ | Std.pkg.<br>(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*<br>₹ | 3KJ01                      | Unit MRP*<br>₹ | 3KJ02                      | Unit MRP*<br>₹ | Std.pkg.<br>(nos.) |
|--------------------------------|----------------------|---------------------------|----------------|----------------------------|----------------|----------------------------|----------------|--------------------|
| Auxiliary switch <sup>1)</sup> | 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 <sup>2)</sup>        | 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 <sup>3)</sup>       |                      |                           |                | 125A<br>3KJ9008-1HC00      | POR            | 200A<br>3KJ9008-2HE00      | POR            | 1                  |
|                                |                      |                           |                | 160A<br>3KJ9008-1HD00      |                | 250A<br>3KJ9008-2HF00      |                | 1                  |
|                                |                      |                           |                |                            |                | 315A<br>3KJ9008-2HG00      |                | 1                  |
|                                |                      |                           |                |                            |                | 400A<br>3KJ9008-2HH00      |                | 1                  |
|                                |                      |                           |                |                            |                |                            |                | 1                  |
| Spare Bridging bar             | Load side connection | 63A,100A<br>3KJ9102-1BA00 | POR            | 125A,160A<br>3KJ9002-1BB00 | POR            | 200A<br>3KJ9002-2BC00      | POR            | 1                  |
|                                |                      |                           |                |                            |                | 250A,315A<br>3KJ9002-2BD00 |                | 1                  |
|                                |                      |                           |                |                            |                | 400A<br>3KJ9002-2BE00      |                | 1                  |
|                                |                      |                           |                |                            |                |                            |                | 1                  |

| Accessory                      | Description          | 3KJ03                 | Unit MRP*<br>₹ | 3KJ04                                   | Unit MRP*<br>₹ | 3KJ05                                                    | Unit MRP*<br>₹ | Std.pkg.<br>(nos.) |
|--------------------------------|----------------------|-----------------------|----------------|-----------------------------------------|----------------|----------------------------------------------------------|----------------|--------------------|
| Auxiliary Switch <sup>1)</sup> | 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 <sup>2)</sup>        | 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             |                       |                |                                         |                |                                                          |                | 1                  |
| Spare Shaft                    |                      | 3KJ9007-4GA00         | 800.-          | 3KJ9007-4GA00                           | 800.-          | 3KJ9007-5GA00                                            | 800.-          | 1                  |
| Spare pole <sup>3)</sup>       |                      | 630A<br>3KJ9008-3HJ00 | POR            | 1000A<br>3KJ9008-4HL00                  | POR            | 2000A<br>3KJ9008-4HL00                                   | POR            | 1                  |
|                                |                      | 800A<br>3KJ9008-3HK00 |                | 1250A<br>3KJ9008-4HM00                  |                | 2500A<br>3KJ9008-4HM00                                   |                | 1                  |
|                                |                      |                       |                | 1600A<br>3KJ9008-4HN00                  |                | 3150A<br>3KJ9008-4HN00                                   |                | 1                  |
|                                |                      |                       |                |                                         |                |                                                          |                | 1                  |
| Spare Extended link            |                      |                       |                | 1000A<br>3KJ9012-4LA00                  | POR            |                                                          |                | 1                  |
|                                |                      |                       |                | 1250A<br>3KJ9012-4LB00                  |                |                                                          |                | 1                  |
|                                |                      |                       |                | 1600A<br>3KJ9012-4LC00                  |                |                                                          |                | 1                  |
|                                |                      |                       |                |                                         |                |                                                          |                | 1                  |
| Spare Bridging bar             | Load side connection | 630A<br>3KJ9002-3BF00 | POR            | 1000A<br>3KJ9002-4BH00                  | POR            |                                                          |                | 1                  |
|                                |                      | 800A<br>3KJ9002-3BG00 |                | 1250A<br>3KJ9002-4BJ00                  |                | 2000A<br>3KJ9002-5BL20<br>3KJ9002-5BL30                  | POR            | 1                  |
|                                |                      |                       |                | 1600A<br>3KJ9002-4BK10<br>3KJ9002-4BK20 |                | 2500A<br>3KJ9002-5BM20<br>3KJ9002-5BM30                  |                | 1                  |
|                                |                      |                       |                |                                         |                | 3150A<br>3KJ9002-5BN30<br>3KJ9002-5BN40<br>3KJ9002-5BN50 |                | 1                  |
|                                | Line side connection |                       |                |                                         |                | 2000A<br>3KJ9002-5BL10                                   | POR            | 1                  |
|                                |                      |                       |                |                                         |                | 2500A<br>3KJ9002-5BM10                                   |                | 1                  |
|                                |                      |                       |                |                                         |                | 3150A<br>3KJ9002-5BN10<br>3KJ9002-5BN20                  |                | 1                  |
|                                |                      |                       |                |                                         |                |                                                          |                | 1                  |

### Notes:

1) Accessory - Auxiliary switch includes 2units. One each for position I and II

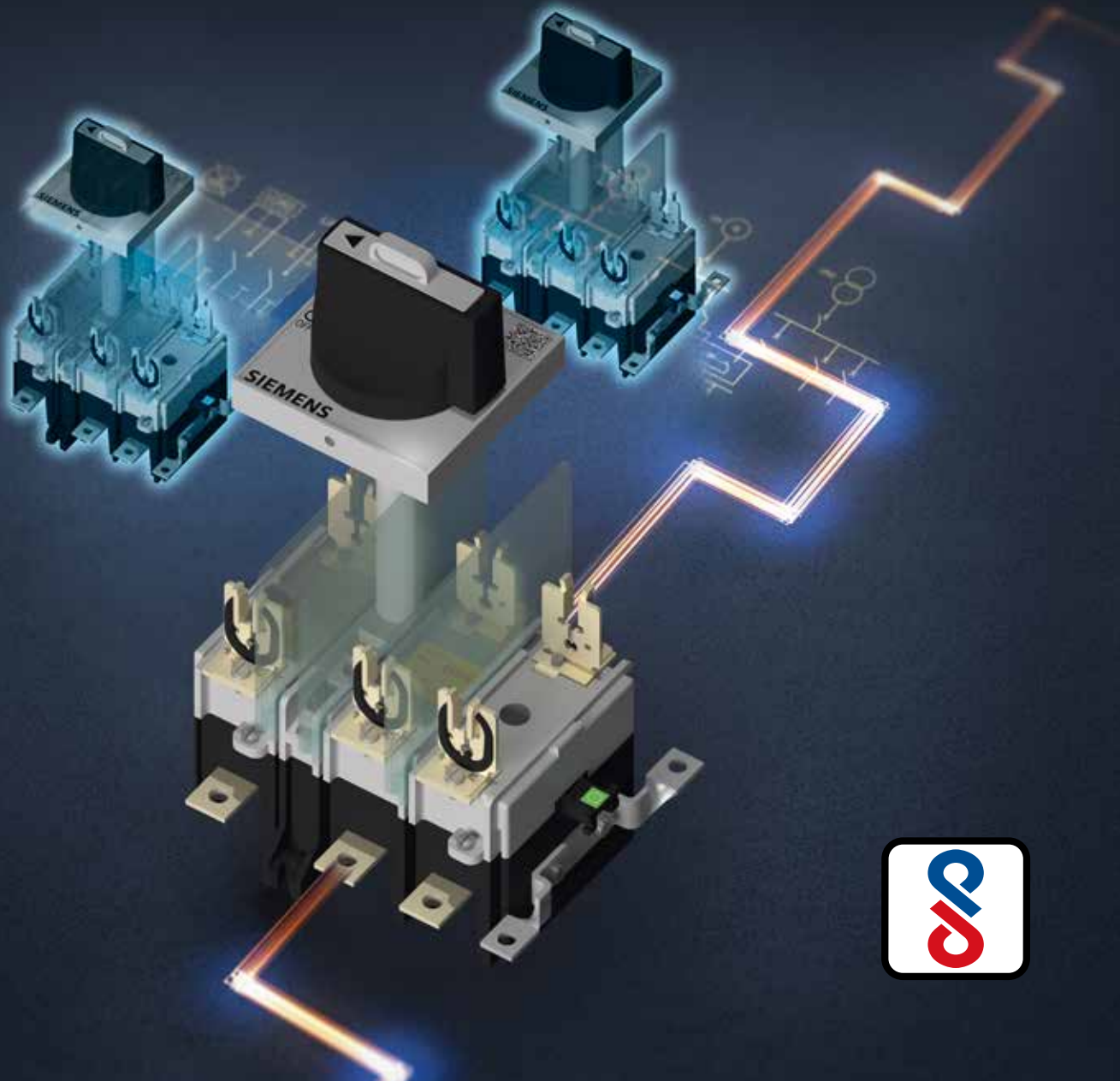
2) Accessory - Gland box is to be used with enclosed switches

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 Disconnect 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



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

| Rated current I <sub>e</sub><br>@690V~ 50Hz | SDF suitable for DIN type<br>HRC fuses | Unit MRP*<br>₹ | SDF suitable for BS type<br>HRC fuses | Unit MRP*<br>₹ | SDF suitable for Cylindrical<br>type HRC fuses | Unit MRP*<br>₹ | Std. pkg.<br>(nos.) |
|---------------------------------------------|----------------------------------------|----------------|---------------------------------------|----------------|------------------------------------------------|----------------|---------------------|
| 20A                                         | 3KL8111-4TA00                          | 7020.-         | 3KL8111-4TJ00                         | 7135.-         | 3KL8111-4TC00                                  | 7290.-         | 1                   |
| 32A                                         | 3KL8121-4TA00                          | 7265.-         | 3KL8121-4TJ00                         | 7825.-         | 3KL8121-4TC00                                  | 7870.-         | 1                   |
| 63A                                         | 3KL8151-4TA00                          | 9775.-         | 3KL8151-4TJ00                         | 9915.-         | 3KL8151-4TC00                                  | 10320.-        | 1                   |
| 100A                                        | 3KL8171-4TA00                          | 14675.-        | —                                     | —              | —                                              | —              | 1                   |
| 100A                                        | 3KL8211-4TA00                          | 21085.-        | 3KL8211-4TJ00                         | 22990.-        | —                                              | —              | 1                   |
| 125A                                        | 3KL8221-4TA00                          | 25830.-        | 3KL8221-4TJ00                         | 27370.-        | —                                              | —              | 1                   |
| 160A                                        | 3KL8231-4TA00                          | 28680.-        | 3KL8231-4TJ00                         | 33255.-        | —                                              | —              | 1                   |
| 200A                                        | 3KL8311-4UA00                          | 41150.-        | 3KL8311-4UJ00                         | 43200.-        | —                                              | —              | 1                   |
| 250A                                        | 3KL8321-4UA00                          | 47945.-        | 3KL8321-4UJ00                         | 51200.-        | —                                              | —              | 1                   |
| 315A                                        | 3KL8331-4UA00                          | 57705.-        | 3KL8331-4UJ00                         | 63175.-        | —                                              | —              | 1                   |
| 400A                                        | 3KL8341-4UA00                          | 63495.-        | 3KL8341-4UJ00                         | 72980.-        | —                                              | —              | 1                   |
| 500A                                        | 3KL8411-4UA00                          | 103120.-       | 3KL8411-4UJ00                         | 117625.-       | —                                              | —              | 1                   |
| 630A                                        | 3KL8421-4UA00                          | 106915.-       | 3KL8421-4UJ00                         | 121880.-       | —                                              | —              | 1                   |
| 800A <sup>§</sup>                           | 3KL8431-4UA00                          | 126365.-       | 3KL8431-4UJ00                         | 132065.-       | —                                              | —              | 1                   |

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

| Rated current I <sub>e</sub><br>@690V~ 50Hz | SDF suitable for DIN type<br>HRC fuses | Unit MRP*<br>₹ | SDF suitable for BS type<br>HRC fuses | Unit MRP*<br>₹ | SDF suitable for Cylindrical<br>type HRC fuses | Unit MRP*<br>₹ | Std. pkg.<br>(nos.) |
|---------------------------------------------|----------------------------------------|----------------|---------------------------------------|----------------|------------------------------------------------|----------------|---------------------|
| 20A                                         | 3KL8111-5TA00                          | 6235.-         | 3KL8111-5TJ00                         | 6250.-         | 3KL8111-5TC00                                  | 6285.-         | 1                   |
| 32A                                         | 3KL8121-5TA00                          | 6330.-         | 3KL8121-5TJ00                         | 6370.-         | 3KL8121-5TC00                                  | 6425.-         | 1                   |
| 63A                                         | 3KL8151-5TA00                          | 8500.-         | 3KL8151-5TJ00                         | 8675.-         | 3KL8151-5TC00                                  | 8755.-         | 1                   |
| 100A                                        | 3KL8171-5TA00                          | 12175.-        | —                                     | —              | —                                              | —              | 1                   |
| 100A                                        | 3KL8211-5TA00                          | 16955.-        | 3KL8211-5TJ00                         | 17105.-        | —                                              | —              | 1                   |
| 125A                                        | 3KL8221-5TA00                          | 21825.-        | 3KL8221-5TJ00                         | 21915.-        | —                                              | —              | 1                   |
| 160A                                        | 3KL8231-5TA00                          | 23355.-        | 3KL8231-5TJ00                         | 23455.-        | —                                              | —              | 1                   |
| 200A                                        | 3KL8311-5UA00                          | 32050.-        | 3KL8311-5UJ00                         | 33015.-        | —                                              | —              | 1                   |
| 250A                                        | 3KL8321-5UA00                          | 36410.-        | 3KL8321-5UJ00                         | 37395.-        | —                                              | —              | 1                   |
| 315A                                        | 3KL8331-5UA00                          | 43350.-        | 3KL8331-5UJ00                         | 44080.-        | —                                              | —              | 1                   |
| 400A                                        | 3KL8341-5UA00                          | 52240.-        | 3KL8341-5UJ00                         | 53015.-        | —                                              | —              | 1                   |
| 500A                                        | 3KL8411-5UA00                          | 84025.-        | 3KL8411-5UJ00                         | 85955.-        | —                                              | —              | 1                   |
| 630A                                        | 3KL8421-5UA00                          | 88495.-        | 3KL8421-5UJ00                         | 93095.-        | —                                              | —              | 1                   |
| 800A <sup>§</sup>                           | 3KL8431-5UA00                          | 94365.-        | 3KL8431-5UJ00                         | 100870.-       | —                                              | —              | 1                   |

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

| Rated current I <sub>e</sub><br>@ 690V~ 50Hz | SDF suitable for<br>DIN type HRC Fuses | Unit MRP*<br>₹ | Std. pkg.<br>(nos.) |
|----------------------------------------------|----------------------------------------|----------------|---------------------|
| 20A                                          | 3KL8111-1TA00                          | 6050.-         | 1                   |
| 32A                                          | 3KL8121-1TA00                          | 6165.-         | 1                   |
| 63A                                          | 3KL8151-1TA00                          | 8370.-         | 1                   |
| 100A                                         | 3KL8211-1TA00                          | 16650.-        | 1                   |
| 125A                                         | 3KL8221-1TA00                          | 21175.-        | 1                   |
| 160A                                         | 3KL8231-1TA00                          | 22885.-        | 1                   |
| 200A                                         | 3KL8311-1UA00                          | 31055.-        | 1                   |
| 250A                                         | 3KL8321-1UA00                          | 36205.-        | 1                   |
| 315A                                         | 3KL8331-1UA00                          | 42695.-        | 1                   |
| 400A                                         | 3KL8341-1UA00                          | 51410.-        | 1                   |
| 500A                                         | 3KL8411-1UA00                          | 82740.-        | 1                   |
| 630A                                         | 3KL8421-1UA00                          | 87940.-        | 1                   |
| 800A <sup>§</sup>                            | 3KL8431-1UA00                          | 93785.-        | 1                   |

§ 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

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



# Superswitch 3KL8

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

| Rated current I <sub>e</sub><br>@690V <sup>c</sup> 50Hz | SDF suitable for<br>DIN type HRC fuses | Unit MRP*<br>₹ | SDF suitable for BS<br>type HRC fuses | Unit MRP*<br>₹ | SDF suitable for<br>Cylindrical type HRC<br>fuses | Unit MRP*<br>₹ | Std. pkg.<br>(nos.) |
|---------------------------------------------------------|----------------------------------------|----------------|---------------------------------------|----------------|---------------------------------------------------|----------------|---------------------|
| 20A <sup>®</sup>                                        | 3KL8111-2TA00                          | 5635.-         | –                                     | –              | 3KL8111-2TC00                                     | 5750.-         | 1                   |
| 32A <sup>®</sup>                                        | 3KL8121-2TA00                          | 5750.-         | –                                     | –              | 3KL8121-2TC00                                     | 5995.-         | 1                   |
| 63A <sup>®</sup>                                        | 3KL8151-2TA00                          | 7480.-         | –                                     | –              | 3KL8151-2TC00                                     | 7545.-         | 1                   |
| 100A <sup>®</sup>                                       | 3KL8171-2TA00                          | 11570.-        | –                                     | –              | –                                                 | –              | 1                   |
| 100A                                                    | 3KL8211-2TA00                          | 15925.-        | 3KL8211-2TJ00                         | 16290.-        | –                                                 | –              | 1                   |
| 125A                                                    | 3KL8221-2TA00                          | 18455.-        | 3KL8221-2TJ00                         | 20100.-        | –                                                 | –              | 1                   |
| 160A                                                    | 3KL8231-2TA00                          | 19190.-        | 3KL8231-2TJ00                         | 21655.-        | –                                                 | –              | 1                   |
| 200A                                                    | 3KL8311-2UA00                          | 27890.-        | 3KL8311-2UJ00                         | 30485.-        | –                                                 | –              | 1                   |
| 250A                                                    | 3KL8321-2UA00                          | 30375.-        | 3KL8321-2UJ00                         | 33660.-        | –                                                 | –              | 1                   |
| 315A                                                    | 3KL8331-2UA00                          | 36965.-        | 3KL8331-2UJ00                         | 39210.-        | –                                                 | –              | 1                   |
| 400A                                                    | 3KL8341-2UA00                          | 44030.-        | 3KL8341-2UJ00                         | 46290.-        | –                                                 | –              | 1                   |
| 500A                                                    | 3KL8411-2UA00                          | 69530.-        | 3KL8411-2UJ00                         | 80960.-        | –                                                 | –              | 1                   |
| 630A                                                    | 3KL8421-2UA00                          | 71120.-        | 3KL8421-2UJ00                         | 82140.-        | –                                                 | –              | 1                   |
| 800A <sup>§</sup>                                       | 3KL8431-2UA00                          | 92510.-        | 3KL8431-2UJ00                         | 92820.-        | –                                                 | –              | 1                   |



## Switch disconnecter fuse in SS<sup>^</sup> Enclosure (factory fitted)<sup>></sup>

| Rated current I <sub>e</sub><br>@690V <sup>c</sup> 50Hz | Suitable fuse type | 3PN           | Unit MRP*<br>₹ | 4P            | Unit MRP*<br>₹ | Std. pkg.<br>(nos.) |
|---------------------------------------------------------|--------------------|---------------|----------------|---------------|----------------|---------------------|
| 20A                                                     | DIN                | 3KL8111-5TA10 | 13035.-        | 3KL8111-4TA10 | 15025.-        | 1                   |
|                                                         | BS                 | 3KL8111-5TJ10 | 13150.-        | 3KL8111-4TJ10 | 15055.-        | 1                   |
|                                                         | CYL                | 3KL8111-5TC10 | 13215.-        | 3KL8111-4TC10 | 15180.-        | 1                   |
| 32A                                                     | DIN                | 3KL8121-5TA10 | 13945.-        | 3KL8121-4TA10 | 15500.-        | 1                   |
|                                                         | BS                 | 3KL8121-5TJ10 | 13985.-        | 3KL8121-4TJ10 | 15675.-        | 1                   |
|                                                         | CYL                | 3KL8121-5TC10 | 14055.-        | 3KL8121-4TC10 | 15730.-        | 1                   |
| 63A                                                     | DIN                | 3KL8151-5TA10 | 15485.-        | 3KL8151-4TA10 | 18270.-        | 1                   |
|                                                         | BS                 | 3KL8151-5TJ10 | 15540.-        | 3KL8151-4TJ10 | 18725.-        | 1                   |
|                                                         | CYL                | 3KL8151-5TC10 | 15665.-        | 3KL8151-4TC10 | 18790.-        | 1                   |
| 100A                                                    | DIN                | 3KL8211-5TA10 | 24825.-        | 3KL8211-4TA10 | 29430.-        | 1                   |
|                                                         | BS                 | 3KL8211-5TJ10 | 25555.-        | 3KL8211-4TJ10 | 29725.-        | 1                   |
| 125A                                                    | DIN                | 3KL8221-5TA10 | 29415.-        | 3KL8221-4TA10 | 35440.-        | 1                   |
|                                                         | BS                 | 3KL8221-5TJ10 | 29640.-        | 3KL8221-4TJ10 | 36560.-        | 1                   |
| 160A                                                    | DIN                | 3KL8231-5TA10 | 31565.-        | 3KL8231-4TA10 | 38960.-        | 1                   |
|                                                         | BS                 | 3KL8231-5TJ10 | 31805.-        | 3KL8231-4TJ10 | 39220.-        | 1                   |
| 200A                                                    | DIN                | 3KL8311-5UA10 | 45515.-        | 3KL8311-4UA10 | 63610.-        | 1                   |
|                                                         | BS                 | 3KL8311-5UJ10 | 45875.-        | 3KL8311-4UJ10 | 65070.-        | 1                   |
| 250A                                                    | DIN                | 3KL8321-5UA10 | 51605.-        | 3KL8321-4UA10 | 67730.-        | 1                   |
|                                                         | BS                 | 3KL8321-5UJ10 | 51960.-        | 3KL8321-4UJ10 | 68210.-        | 1                   |
| 315A                                                    | DIN                | 3KL8331-5UA10 | 61385.-        | 3KL8331-4UA10 | 80620.-        | 1                   |
|                                                         | BS                 | 3KL8331-5UJ10 | 61720.-        | 3KL8331-4UJ10 | 81015.-        | 1                   |
| 400A                                                    | DIN                | 3KL8341-5UA10 | 70800.-        | 3KL8341-4UA10 | 90395.-        | 1                   |
|                                                         | BS                 | 3KL8341-5UJ10 | 71710.-        | 3KL8341-4UJ10 | 90775.-        | 1                   |
| 500A                                                    | DIN                | 3KL8411-5UA10 | 105435.-       | 3KL8411-4UA10 | 132950.-       | 1                   |
|                                                         | BS                 | 3KL8411-5UJ10 | 105750.-       | 3KL8411-4UJ10 | 134380.-       | 1                   |
| 630A                                                    | DIN                | 3KL8421-5UA10 | 111005.-       | 3KL8421-4UA10 | 141185.-       | 1                   |
|                                                         | BS                 | 3KL8421-5UJ10 | 111320.-       | 3KL8421-4UJ10 | 141595.-       | 1                   |
| 800A <sup>§</sup>                                       | DIN                | 3KL8431-5UA10 | 119160.-       | 3KL8431-4UA10 | 151565.-       | 1                   |
|                                                         | BS                 | 3KL8431-5UJ10 | 119475.-       | 3KL8431-4UJ10 | 151965.-       | 1                   |



## SS<sup>^</sup> Enclosure for 3KL8/ 3KA8

| Rated current I <sub>e</sub><br>@690V 50Hz | Enclosure type             | Unit MRP*<br>₹ | Std. pkg.<br>(nos.) |
|--------------------------------------------|----------------------------|----------------|---------------------|
| 20A-160A                                   | 3KX8235-4AC                | 8855.-         | 1                   |
| 200A-400A                                  | 3KX8345-4AC                | 11790.-        | 1                   |
| 500A-800A                                  | 3KX8435-4AC <sup>1)</sup>  | 19325.-        | 1                   |
| 200A-800A                                  | 3KX8435-4AG <sup>#2)</sup> | 33185.-        | 1                   |

<sup>^</sup> SS stands for Sheet Steel

<sup>#</sup> 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

<sup>^</sup> SS stands for Sheet Steel

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

<sup>§</sup> 3KL8431 (800A): 710A with fuse cover

<sup><</sup> 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 <sub>n</sub><br>@690V 50Hz | 2P                         | Unit MRP*<br>₹ | 3PN           | Unit MRP*<br>₹ | 4P            | Unit MRP*<br>₹ | Std. pkg.<br>(nos.) |
|--------------------------------------------|----------------------------|----------------|---------------|----------------|---------------|----------------|---------------------|
| 63A                                        | 3KA8151-2TE00 <sup>®</sup> | 6590.-         | 3KA8151-5TE00 | 7950.-         | 3KA8151-4TE00 | 11305.-        | 1                   |
| 100A                                       | —                          | —              | 3KA8171-5TE00 | 12360.-        | 3KA8171-4TE00 | 22740.-        | 1                   |
| 100A                                       | 3KA8211-2TE00              | 11535.-        | 3KA8211-5TE00 | 15720.-        | 3KA8211-4TE00 | 26290.-        | 1                   |
| 125A                                       | 3KA8221-2TE00              | 14480.-        | 3KA8221-5TE00 | 18055.-        | 3KA8221-4TE00 | 28240.-        | 1                   |
| 160A                                       | 3KA8231-2TE00              | 19300.-        | 3KA8231-5TE00 | 23490.-        | 3KA8231-4TE00 | 35580.-        | 1                   |
| 200A                                       | 3KA8311-2UE00              | 24535.-        | 3KA8311-5UE00 | 30335.-        | 3KA8311-4UE00 | 41295.-        | 1                   |
| 250A                                       | 3KA8321-2UE00              | 26850.-        | 3KA8321-5UE00 | 32030.-        | 3KA8321-4UE00 | 50725.-        | 1                   |
| 400A                                       | 3KA8341-2UE00              | 37245.-        | 3KA8341-5UE00 | 47360.-        | 3KA8341-4UE00 | 69140.-        | 1                   |
| 630A <sup>\$</sup>                         | 3KA842□-2UE00              | 59745.-        | 3KA842□-5UE00 | 75180.-        | 3KA842□-4UE00 | 98960.-        | 1                   |
| 800A <sup>\$</sup>                         | 3KA843□-2UE00              | 62345.-        | 3KA843□-5UE00 | 77585.-        | 3KA843□-4UE00 | 113570.-       | 1                   |
| 1000A <sup>\$</sup>                        | 3KA844□-2UE00              | 83425.-        | 3KA844□-5UE00 | 111445.-       | 3KA844□-4UE00 | 139950.-       | 1                   |
| 1250A <sup>\$</sup>                        | 3KA845□-2UE00              | 109690.-       | 3KA845□-5UE00 | 144570.-       | 3KA845□-4UE00 | 168235.-       | 1                   |
| 1600A <sup>\$</sup>                        | 3KA846□-2UE00              | 126500.-       | 3KA846□-5UE00 | 160000.-       | 3KA846□-4UE00 | 226585.-       | 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<br>3KA81 51/71 | Unit<br>MRP*<br>₹ | 3KL82 11/21/31<br>3KA82 11/21/31      | Unit<br>MRP*<br>₹ | 3KL83 11/21/31/41<br>3KA83 11/21/41 | Unit<br>MRP*<br>₹ | 3KL84 11/21/31<br>3KA84 2/3/4/5/6 | Unit<br>MRP*<br>₹ | Std.<br>pkg.<br>(nos.) |
|--------------------------------------------------------------|------|-------------------------|----------------------------------|-------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-----------------------------------|-------------------|------------------------|
| Fuse cover <sup>2)</sup>                                     | 2P   | DIN                     | 3KX8150-0AE <sup>5)</sup>        | 575.-             | 3KX8230-0JF                           | 1410.-            | 3KX8340-0AF                         | 2070.-            | 3KX8430-0JF                       | 2935.-            | 1                      |
|                                                              |      | BS                      |                                  |                   | 3KX8230-0HF                           | 1410.-            |                                     |                   | 3KX8430-0HF                       | 2935.-            | 1                      |
|                                                              | 3P   | DIN                     |                                  |                   | 3KX8230-0JE                           | 1410.-            | 3KX8340-0AE                         | 2070.-            | 3KX8430-0JE                       | 2935.-            | 1                      |
|                                                              |      | BS                      |                                  |                   | 3KX8230-0HE                           | 1410.-            |                                     |                   | 3KX8430-0HE                       | 2935.-            | 1                      |
|                                                              | 4P   | DIN                     | 3KX8150-0AG <sup>5)</sup>        | 985.-             | 3KX8230-0JG                           | 1410.-            | 3KX8340-0AG                         | 2070.-            | 3KX8430-0JG                       | 2935.-            | 1                      |
|                                                              |      | BS                      |                                  |                   | 3KX8230-0HG                           | 1410.-            |                                     |                   | 3KX8430-0HG                       | 2935.-            | 1                      |
| Terminal<br>cover<br>(1set =<br>2pieces)                     | 2P   | —                       | 3KX8151-0AE                      | 295.-             | 3KX8231-0AF                           | 1200.-            | 3KX8341-0AF                         | 2255.-            | 3KX8431-0AF                       | 2645.-            | 1                      |
|                                                              | 3P   | —                       | —                                | —                 | 3KX8231-0AE                           | 1200.-            | 3KX8341-0AE                         | 2255.-            | 3KX8431-0AE                       | 2645.-            | 1                      |
|                                                              | 4P   | —                       | 3KX8151-0AG                      | 1045.-            | 3KX8231-0AG                           | 1200.-            | 3KX8341-0AG                         | 2255.-            | 3KX8431-0AG                       | 2645.-            | 1                      |
| Phase barrier                                                | —    | DIN/ BS/<br>Cylindrical | 3KX8153-0AE                      | 115.-             | 3KX8153-0AE (DIN)<br>3KX8233-0JE (BS) | 115.-<br>115.-    | 3KX8343-0AE                         | 360.-             | 3KX8433-0AE                       | 545.-             | 1<br>1                 |
| Fuse cover phase barrier kit <sup>3)</sup>                   | —    | —                       | —                                | —                 | —                                     | —                 | 3KX8340-9AE                         | 1160.-            | 3KX8440-9AE                       | 1160.-            | 1                      |
| Auxiliary switch (1NO+1NC)                                   | —    | —                       | 3SB5400-0A* <sup>®</sup>         | 385.-             | 3KX3522-1YC                           | 1670.-            | 3KX3552-1YC                         | 2010.-            | 3KX3582-1YC                       | 2435.-            | 1                      |
| Auxiliary switch (2NO+2NC)                                   | —    | —                       | —                                | —                 | 3KX3522-1YD                           | 3010.-            | 3KX3552-1YD                         | 4350.-            | 3KX3582-1YD                       | 4690.-            | 1                      |
| Auxiliary switch cover                                       | —    | —                       | 3KX8154-0AC                      | 200.-             | 3KX8234-0AC                           | 200.-             | —                                   | —                 | —                                 | —                 | 1                      |
| Front drive (Handle)                                         | —    | —                       | 8UC6114-1BB00                    | 2060.-            | 8UC6214-1BB00                         | 2330.-            | 8UC6314-1BB00                       | 3515.-            | 8UC6414-1BB00                     | 5140.-            | 1                      |
| Operating shaft (300mm)                                      | —    | —                       | 8UC6031                          | 570.-             | 8UC60-32                              | 690.-             | 8UC6034                             | 1340.-            | 8UC6034                           | 1340.-            | 1                      |
| Castell interlock <sup>1)</sup>                              | —    | —                       | 8UC6070-0YQ..                    | 10765.-           | 8UC6070-1YQ..                         | 10765.-           | 8UC6070-2YQ..                       | 11050.-           | 8UC6070-2YQ..                     | 11050.-           | 1                      |
| Depth setting template                                       | —    | —                       | 8UC6046-2                        | 120.-             | 8UC6046-2                             | 120.-             | 8UC6046-2                           | 120.-             | 8UC6046-2                         | 120.-             | 1                      |
| Fuse Monitor with auxiliary<br>switch <sup>®</sup> (1NO+1NC) | —    | —                       | 3RV1611-0BD10                    | 18565.-           | 3RV1611-0BD10                         | 18565.-           | 3RV1611-0BD10                       | 18565.-           | 3RV1611-0BD10                     | 18565.-           | 1                      |
|                                                              | —    | —                       | 3RV2901-1E                       | 2445.-            | 3RV2901-1E                            | 2445.-            | 3RV2901-1E                          | 2445.-            | 3RV2901-1E                        | 2445.-            | 1                      |
| Fuse safety barrier                                          | —    | —                       | 3KX8150-1AC                      | 305.-             | 3KX8230-1AC                           | 395.-             | —                                   | —                 | —                                 | —                 | 1                      |
| Gland box with gland plate (1no.)                            | —    | —                       | 3KX8235-4DC                      | 10280.-           | 3KX8235-4DC                           | 10280.-           | 3KX8345-4DC                         | 14185.-           | 3KX8435-4DC                       | 21605.-           | 1                      |
|                                                              | —    | —                       | —                                | —                 | —                                     | —                 | —                                   | —                 | 3KX8435-4DG <sup>4)</sup>         | 35360.-           | 1                      |
| Gland plate                                                  | —    | —                       | 3KX8235-4GC                      | 2180.-            | 3KX8235-4GC                           | 2180.-            | 3KX8345-4GC                         | 2825.-            | 3KX8435-4GC                       | 3140.-            | 1                      |
|                                                              | —    | —                       | —                                | —                 | —                                     | —                 | —                                   | —                 | 3KX8435-4GG <sup>4)</sup>         | 3170.-            | 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

# Power distribution for the digital world

SIEPAN 8PU Low Voltage Switchboards



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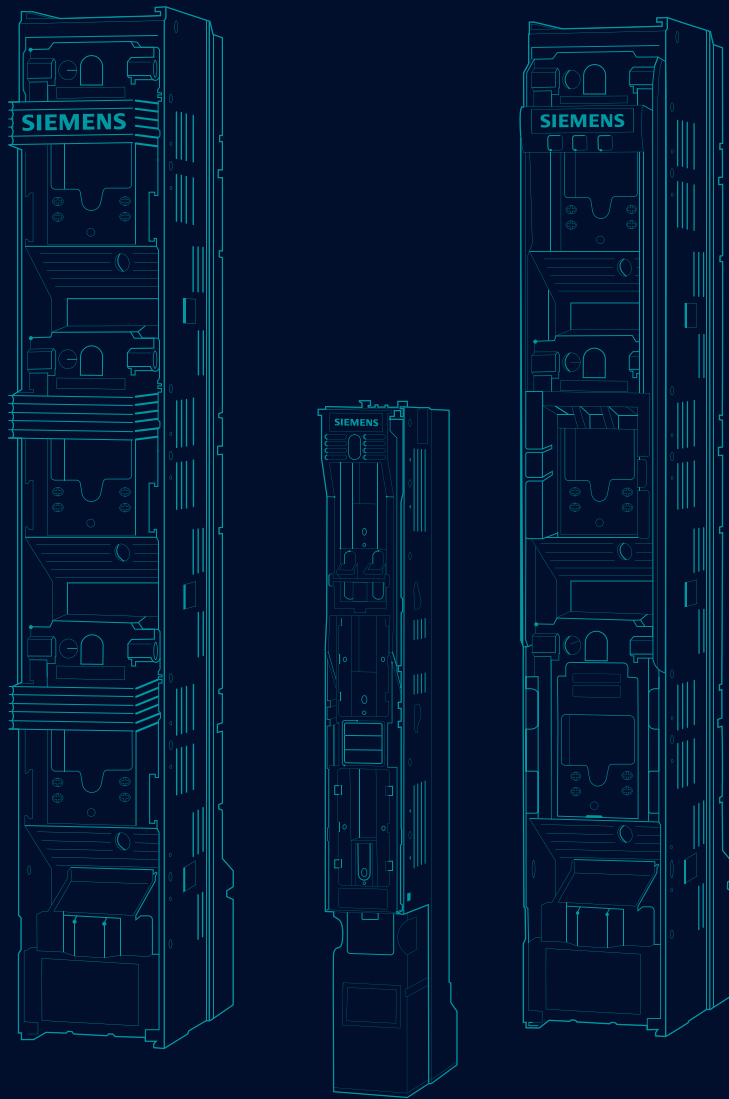
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# 3NJ4 Fuse Switch Disconnectors

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 Disconnectors

| 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-ORC0 | POR        |
|                   | 3                |                                 |                               |                   | 3NJ4103-3BF01-ORC0 |            |
| 250               | 1                |                                 | NH1                           | M10 flat terminal | 3NJ4121-3BF01-ORC0 |            |
|                   | 3                |                                 |                               |                   | 3NJ4123-3BF01-ORC0 |            |
| 400               | 1                |                                 | NH1, NH2                      | M12 flat terminal | 3NJ4131-3BF01-ORC0 |            |
|                   | 3                |                                 |                               |                   | 3NJ4133-3BF01-ORC0 |            |
| 630               | 1                |                                 | NH2, NH3                      | M12 flat terminal | 3NJ4141-3BF01-ORC0 |            |
|                   | 3                |                                 |                               |                   | 3NJ4143-3BF01-ORC0 |            |

### 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 240mm <sup>2</sup>                            | 3NJ4911-5AA00-ORC0* | POR        |
|        | 2 x 300 mm <sup>2</sup> / 3 x 120 mm <sup>2</sup> | 3NJ4911-5BA00-ORC0* |            |
| M16    | 1 x 400 mm <sup>2</sup>                           | 3NJ4911-5CA00-ORC0* |            |



#### 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-ORC0* | POR        |



#### Busbar terminals

Not for devices with transformer installation

| Version                                                                                | Type                | Unit LP* ₹ |
|----------------------------------------------------------------------------------------|---------------------|------------|
| For more rapid mounting of the switch disconnectors onto the busbars (1 set = 3 units) | 3NJ4911-3BA01-ORC0* | 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-ORC0^ | POR        |

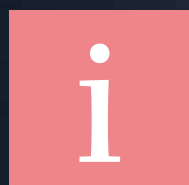
\* Applicable to 3NJ412, 3NJ413, 3NJ414

^ 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](http://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 <sup>4)</sup> | Type          | Unit LP* ₹ |
|-------------------|-----------|---------------|----------------|---------------------|---------------|------------|
| 100 <sup>1)</sup> | 000       | 000           | Box            | 1                   | 3NP1121-1CA20 | 7810.-     |
|                   |           |               |                | 3                   | 3NP1123-1CA20 | 14185.-    |
|                   |           |               |                | 4                   | 3NP1124-1CA20 | 24775.-    |
| 160 <sup>2)</sup> | 00        | 000,00        | Flat           | 1                   | 3NP1131-1CA10 | 8220.-     |
|                   |           |               |                | 3                   | 3NP1133-1CA10 | 14845.-    |
|                   |           |               |                | 4                   | 3NP1134-1CA10 | 25810.-    |
| 250 <sup>2)</sup> | 1         | 00,1          | Flat           | 1                   | 3NP1141-1DA10 | 23950.-    |
|                   |           |               |                | 3                   | 3NP1143-1DA10 | 43420.-    |
|                   |           |               |                | 4                   | 3NP1144-1DA10 | 71190.-    |
| 400 <sup>2)</sup> | 2         | 1,2           | Flat           | 1                   | 3NP1151-1DA10 | 32940.-    |
|                   |           |               |                | 3                   | 3NP1153-1DA10 | 59495.-    |
|                   |           |               |                | 4                   | 3NP1154-1DA10 | 96290.-    |
| 630 <sup>2)</sup> | 3         | 2,3           | Flat           | 1                   | 3NP1161-1DA10 | 43835.-    |
|                   |           |               |                | 3                   | 3NP1163-1DA10 | 79720.-    |
|                   |           |               |                | 4                   | 3NP1164-1DA10 | 127760.-   |

### 3NP1 with Electronic fuse monitoring <sup>3)</sup>

| Rated current (A) | 3NP1 size | DIN fuse size | Terminals type | Poles <sup>4)</sup> | Type          | Unit LP* ₹ |
|-------------------|-----------|---------------|----------------|---------------------|---------------|------------|
| 100 <sup>1)</sup> | 000       | 000           | Box            | 1                   | 3NP1121-1CA24 | 27355.-    |
|                   |           |               |                | 3                   | 3NP1123-1CA24 | 42335.-    |
| 160 <sup>2)</sup> | 00        | 000,00        | Flat           | 1                   | 3NP1131-1CA14 | 26125.-    |
|                   |           |               |                | 3                   | 3NP1133-1CA14 | 42725.-    |
| 250 <sup>2)</sup> | 1         | 00,1          | Flat           | 1                   | 3NP1141-1DA14 | 43470.-    |
|                   |           |               |                | 3                   | 3NP1143-1DA14 | 71190.-    |
| 400 <sup>2)</sup> | 2         | 1,2           | Flat           | 1                   | 3NP1151-1DA14 | 52835.-    |
|                   |           |               |                | 3                   | 3NP1153-1DA14 | 88040.-    |
| 630 <sup>2)</sup> | 3         | 2,3           | Flat           | 1                   | 3NP1161-1DA14 | 63700.-    |
|                   |           |               |                | 3                   | 3NP1163-1DA14 | 107540.-   |

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.



1-pole



3-pole



2-pole



4-pole



1-pole with EFM



3-pole with EFM

### Configurator for 3NP1

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



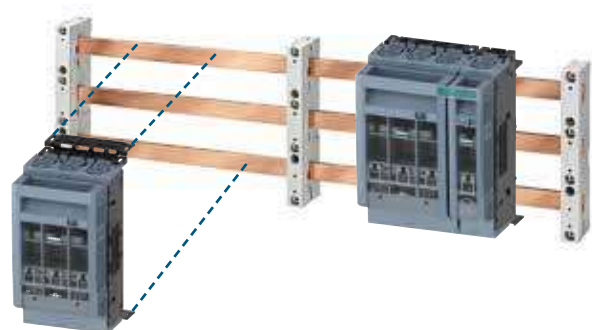
## 3NP1 mounting on 8US busbar

### 3NP1 mounting on 60mm 8US busbar system <sup>3)</sup>

3NP1 without fuse monitoring

| Rated current (A) | 3NP1 size | DIN fuse size | Terminals type | Poles <sup>4)</sup> | Type          | Unit LP* ₹ |
|-------------------|-----------|---------------|----------------|---------------------|---------------|------------|
| 100 <sup>1)</sup> | 000       | 000           | Box            | 3                   | 3NP1123-1BC20 | 21005.-    |
|                   |           |               |                | 4                   | 3NP1124-1BC20 | 34985.-    |
| 160 <sup>2)</sup> | 00        | 00            | Flat           | 3                   | 3NP1133-1BC10 | 22535.-    |
|                   |           |               |                | 4                   | 3NP1134-1BC10 | 37705.-    |
| 250 <sup>2)</sup> | 1         | 1             | Flat           | 3                   | 3NP1143-1BC10 | 71870.-    |
|                   |           |               |                | 4                   | 3NP1144-1BC10 | 112020.-   |
| 400 <sup>2)</sup> | 2         | 2             | Flat           | 3                   | 3NP1153-1BC10 | 92880.-    |
|                   |           |               |                | 4                   | 3NP1154-1BC10 | 145740.-   |
| 630 <sup>2)</sup> | 3         | 3             | Flat           | 3                   | 3NP1163-1BC10 | 117900.-   |
|                   |           |               |                | 4                   | 3NP1164-1BC10 | 187010.-   |

8US busbar system



## Accessories for 3NP1

### Auxiliary contact (1CO type)

| 3NP1 Size | Type          | Unit LP* ₹ |
|-----------|---------------|------------|
| 000       | 3NP1920-1FA00 | 3270.-     |
| 00        | 3NP1930-1FA00 | 3270.-     |
| 1,2,3     | 3NP1940-1FA00 | 3550.-     |



### Feeder terminals for 3NP1 121/ 3 for use up to 160A

| 3NP1 Size | Terminals type | Poles | Type          | Unit LP* ₹ |
|-----------|----------------|-------|---------------|------------|
| 000       | Box            | 1     | 3NP1921-1BD00 | 4120.-     |
|           |                | 3     | 3NP1923-1BD00 | 9205.-     |



### Assembly kit for connection of 1-pole and 3-pole 3NP1 to form floor mounted 2-pole<sup>4)</sup> 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 <sup>5)</sup>

| 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□ | 6155.-     |
|             | 25                         | 9.5                                   | 3LD2103-0TK5□ | 6810.-     |
|             | 32                         | 11.5                                  | 3LD2203-0TK5□ | 7600.-     |
|             | 63                         | 22                                    | 3LD2504-0TK5□ | 13000.-    |
|             | 100                        | 37                                    | 3LD2704-0TK5□ | 19700.-    |
|             | 125                        | 45                                    | 3LD2804-0TK5□ | 25120.-    |
|             | 160                        | 75                                    | 3LD2305-0TK1□ | POR        |
|             | 250                        | 132                                   | 3LD2405-0TK1□ |            |

□ - 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 | 13490.-    |
|             | 32                         | 11.5                                  | 3LD2223-7UK01 | 14760.-    |
|             | 63                         | 22                                    | 3LD2524-7UK01 | 24395.-    |
|             | 100                        | 37                                    | 3LD2724-7UK01 | 45370.-    |
|             | 160                        | 75                                    | 3LD2305-7UK01 | POR        |
|             | 250                        | 132                                   | 3LD2405-7UK01 |            |

## 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□ | 9860.-     |
|             | 25                         | 9.5                                   | 3LD2113-0TK5□ | 10950.-    |
|             | 32                         | 11.5                                  | 3LD2213-0TK5□ | 12065.-    |
|             | 63                         | 22                                    | 3LD2514-0TK5□ | 14485.-    |
|             | 100                        | 37                                    | 3LD2714-0TK5□ | 23790.-    |
|             | 125                        | 45                                    | 3LD2814-0TK5□ | 29710.-    |
|             | 160                        | 75                                    | 3LD2318-0TK1□ | POR        |
|             | 250                        | 132                                   | 3LD2418-0TK1□ |            |

□ - 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□ | 5490.-     |
|             | 25                         | 9.5                                   | 3LD2122-0TK1□ | 6030.-     |
|             | 32                         | 11.5                                  | 3LD2222-0TK1□ | 7315.-     |

□ - 1: Black OR  
□ - 3: Red/yellow

## Changeover switch with knob Operated Mechanism In 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 | 21600.-    |
|             | 32                         | 11.5                                  | 3LD22657UB01 | 24545.-    |
|             | 63                         | 22                                    | 3LD25667UB01 | 53255.-    |
|             | 100                        | 37                                    | 3LD27667UB01 | 91750.-    |

## 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□ | 8780.-     |
|             | 25                         | 9.5                                   | 3LD2164-0TB5□ | 9515.-     |
|             | 32                         | 11.5                                  | 3LD2264-0TB5□ | 11310.-    |
|             | 63                         | 22                                    | 3LD2565-0TB5□ | 18720.-    |
|             | 100                        | 37                                    | 3LD2766-0TB5□ | 42545.-    |
|             | 125                        | 45                                    | 3LD2866-0TB5□ | 77010.-    |

□ - 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  | 2780.-     | 1                |
|                                                                                                                        |                                                                                                                          | 3LD25 (63A)                                               | 3LD9250-0BA | 4075.-     | 1                |
|                                                                                                                        |                                                                                                                          | 3LD27 (100A) and 3LD28 (125A)                             | 3LD9280-0B  | 5045.-     | 1                |
|                                                                                                                        |                                                                                                                          | 3LD23 (160A) and 3LD24 (250A)                             | 3LD9240-0B  | POR        | 1                |
|                                                                                                                        | N or PE terminal Continuous                                                                                              | 3LD20 (16A)                                               | 3LD9200-2B  | 1855.-     | 1                |
|                                                                                                                        |                                                                                                                          | 3LD21 (25A) and 3LD22 (32A)                               | 3LD9220-2B  | 2120.-     | 1                |
|                                                                                                                        |                                                                                                                          | 3LD25 (63A)                                               | 3LD9250-2BA | 2790.-     | 1                |
|                                                                                                                        |                                                                                                                          | 3LD27 (100A) and 3LD28 (125A)                             | 3LD9280-2B  | 3385.-     | 1                |
|                                                                                                                        |                                                                                                                          | 3LD23 (160A) and 3LD24 (250A)                             | 3LD9240-2B  | POR        | 1                |
|                                                                                                                        | Auxiliary switches<br>For mounting on left and/or right 1NO+1NC                                                          | 3LD20, 3LD21, 3LD22, 3LD25, 3LD27, 3LD28, 3LD23 and 3LD24 | 3LD9200-5B  | 3085.-     | 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  | 2780.-     | 1                |
|                                                                                                                        |                                                                                                                          | 3LD25 (63A)                                               | 3LD9250-0CA | 4075.-     | 1                |
|                                                                                                                        |                                                                                                                          | 3LD27 (100A) and 3LD28 (125A)                             | 3LD9280-0C  | 5045.-     | 1                |
|                                                                                                                        |                                                                                                                          | 3LD23 (160A) and 3LD24 (250A)                             | 3LD9240-0C  | POR        | 1                |
|                                                                                                                        | N or PE terminal Continuous                                                                                              | 3LD20 (16A)                                               | 3LD9200-2C  | 2500.-     | 1                |
|                                                                                                                        |                                                                                                                          | 3LD21 (25A) and 3LD22 (32A)                               | 3LD9220-2C  | 2120.-     | 1                |
|                                                                                                                        |                                                                                                                          | 3LD25 (63A)                                               | 3LD9250-2CA | 2790.-     | 1                |
|                                                                                                                        |                                                                                                                          | 3LD27 (100A) and 3LD28 (125A)                             | 3LD9280-2C  | 3385.-     | 1                |
|                                                                                                                        |                                                                                                                          | 3LD23 (160A) and 3LD24 (250A)                             | 3LD9240-2C  | POR        | 1                |
|                                                                                                                        | Auxiliary switches<br>For mounting on left and/or right 1NO+1NC                                                          | 3LD20, 3LD21, 3LD22, 3LD25, 3LD27, 3LD28, 3LD23 and 3LD24 | 3LD9200-5C  | 2930.-     | 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  | 950.-      | 4                |
|                                                                                                                        | 3 pole                                                                                                                   | 3LD21 (25A) and 3LD22 (32A)                               | 3LD9221-0A  | 880.-      | 4                |
|                                                                                                                        | 3 pole                                                                                                                   | 3LD25 (63A)                                               | 3LD9251-0A  | 985.-      | 4                |
|                                                                                                                        | 1 pole                                                                                                                   | 3LD27 (100A) and 3LD28 (125A)                             | 3LD9281-2A  | 475.-      | 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<br>415V, 50Hz,<br>3Ph<br>kW | Type        | Unit<br>LP*<br>₹ | Std.<br>pkg.<br>(nos.) |
|----------------------------|--------------------------|------------------------------------------|-------------|------------------|------------------------|
| Open<br>execution          | On/Off                   | 7.5                                      | 3LA0201-1YA | 5150.-           | 10                     |
|                            |                          | 30                                       | 3LA0601-1YB | 11950.-          | 5                      |
|                            | System selector          | 5.5                                      | 3LA0202-1YA | 5880.-           | 10                     |
|                            |                          | 30                                       | 3LA0602-1YB | 16715.-          | 5                      |
|                            | Reversing                | 5.5                                      | 3LA0203-1YA | 5880.-           | 10                     |
|                            |                          | 30                                       | 3LA0603-1YB | 16715.-          | 5                      |
|                            | Star-delta               | 12                                       | 3LA0204-5YA | 8285.-           | 10                     |
|                            |                          | 30                                       | 3LA0604-1YB | 22760.-          | 5                      |
|                            | 2 speed pole<br>changing |                                          |             |                  |                        |
|                            | i) Separate<br>windings  | 5.5                                      | 3LA0205-2YA | 5880.-           | 10                     |
| ii) Dahlander              | 5.5                      | 3LA0205-1YA                              | 7915.-      | 10               |                        |
| Reversing pole<br>changing | 5.5                      | 3LA0205-3YA                              | 11365.-     | 10               |                        |

POR: Price On Request

\* LP - List Price

## Spares & accessories for motor control switches\*\*



| Description                                                                       | Type         | Unit<br>LP*<br>₹ | Std.<br>pkg.<br>(nos.) |
|-----------------------------------------------------------------------------------|--------------|------------------|------------------------|
| Ball handle – Black                                                               | 3LX0 211-1YA | 320.-            | 10                     |
| Machine handle – Black                                                            | 3LX0 611-2YA | 840.-            | 10                     |
| Indicating dial for size 2                                                        | 3LX0 220-1YA | 240.-            | 10                     |
| Indicating dial for size 6                                                        | 3LX0 620-1YA | 240.-            | 10                     |
| Catching lever for the drive mechanism of size 2 switch (2 nos. reqd. per switch) | 3LY0 220-2YA | 240.-            | 10                     |
| Tension spring for the drive mechanism of size 2 switch                           | 3LY0 210-1YA | 220.-            | 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    | 3525.-     | 10               |
|              | 63            | 52     | 3LA0605-1YB    | 8475.-     | 5                |
| 4            | 25            | 16     | 3LA0205-5YA    | 5880.-     | 10               |
|              | 63            | 52     | 3LA0605-2YB    | 15455.-    | 5                |

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

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

SIVACON

Technology  
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

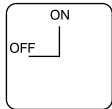
The 3LD4 Control Switches are cam operated switches suitable for use in a wide variety of control and auxiliary circuit applications.

- 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



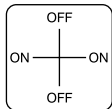
## ON OFF Switches

### 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-ORCO | 1 Pole      | 310.-      | 595.-     | 715.-     | 750.-     | 780.-     | 955.-     | 1220.-    | 1425.-    | 7455.-     | 1                |
| 3LD4 ___ 2AA00-ORCO | 2 Pole      | 400.-      | 670.-     | 805.-     | 895.-     | 935.-     | 1110.-    | 1465.-    | 1825.-    | 9305.-     |                  |
| 3LD4 ___ 3AA00-ORCO | 3 Pole      | 435.-      | 805.-     | 945.-     | 1030.-    | 1220.-    | 1365.-    | 1710.-    | 2450.-    | 11455.-    |                  |
| 3LD4 ___ 4AA00-ORCO | 4 Pole      | 535.-      | 870.-     | 1020.-    | 1225.-    | 1505.-    | 1615.-    | 1960.-    | 2950.-    | 13420.-    |                  |

### 90° Operation with complete rotation

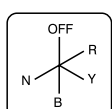
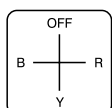


| Type#               | Description | Unit LP* ₹ |           |           |           |           |           |           |           |            | Std. pkg. (nos.) |
|---------------------|-------------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|------------------|
|                     |             | 6A (001)   | 10A (102) | 16A (103) | 20A (104) | 25A (205) | 32A (206) | 40A (207) | 63A (208) | 100A (309) |                  |
| 3LD4 ___ 1BC00-ORCO | 1 Pole      | 305.-      | 595.-     | 715.-     | 750.-     | 755.-     | 945.-     | 1215.-    | 1420.-    | 7455.-     | 1                |
| 3LD4 ___ 2BC00-ORCO | 2 Pole      | 400.-      | 670.-     | 805.-     | 895.-     | 935.-     | 1110.-    | 1465.-    | 1825.-    | 9305.-     |                  |
| 3LD4 ___ 3BC00-ORCO | 3 Pole      | 435.-      | 805.-     | 945.-     | 1030.-    | 1220.-    | 1365.-    | 1710.-    | 2450.-    | 11455.-    |                  |
| 3LD4 ___ 4BC00-ORCO | 4 Pole      | 535.-      | 870.-     | 1020.-    | 1225.-    | 1505.-    | 1615.-    | 1960.-    | 2950.-    | 13420.-    |                  |

\* 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 3LD40013AA00-ORCO

## Instrumentation Selector Switch

### Ammeter Selector Switch (ASS)



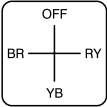
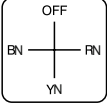
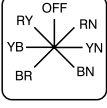
| Description                         | Rating | Type#            | Unit LP* ₹ | Std. pkg. (nos.) |
|-------------------------------------|--------|------------------|------------|------------------|
| Line currents with OFF              | 6A     | 3LD40014DC200RC0 | 655.-      | 1                |
|                                     | 10A    | 3LD41024DC200RC0 | 785.-      |                  |
|                                     | 16A    | 3LD41034DC200RC0 | 1000.-     |                  |
|                                     | 20A    | 3LD41044DC200RC0 | 1115.-     |                  |
| Line currents with Neutral with OFF | 6A     | 3LD40014DD200RC0 | 650.-      |                  |
|                                     | 10A    | 3LD41024DD200RC0 | 780.-      |                  |
|                                     | 16A    | 3LD41034DD200RC0 | 985.-      |                  |
|                                     | 20A    | 3LD41044DD200RC0 | 1245.-     |                  |



\* LP - List Price

## 3LD4 Control Switches

### Voltmeter Selector Switch (VSS)

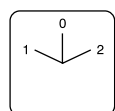
|                                                                                   | Description                    | Rating | Type#            | Unit LP* ₹ | Std. pkg. (nos.) |
|-----------------------------------------------------------------------------------|--------------------------------|--------|------------------|------------|------------------|
|  | Line voltages with OFF         | 6A     | 3LD40014DC300RC0 | 485.-      | 1                |
|                                                                                   |                                | 10A    | 3LD41024DC300RC0 | 715.-      |                  |
|                                                                                   |                                | 16A    | 3LD41034DC300RC0 | 915.-      |                  |
|                                                                                   |                                | 20A    | 3LD41044DC300RC0 | 1030.-     |                  |
|  | Phase voltages with OFF        | 6A     | 3LD40014DC310RC0 | 855.-      |                  |
|                                                                                   |                                | 10A    | 3LD41024DC310RC0 | 955.-      |                  |
|                                                                                   |                                | 16A    | 3LD41034DC310RC0 | 1225.-     |                  |
|                                                                                   |                                | 20A    | 3LD41044DC310RC0 | 1360.-     |                  |
|  | Line & Phase voltages with OFF | 6A     | 3LD40014DF300RC0 | 855.-      |                  |
|                                                                                   |                                | 10A    | 3LD41024DF300RC0 | 1425.-     |                  |
|                                                                                   |                                | 16A    | 3LD41034DF300RC0 | 1695.-     |                  |
|                                                                                   |                                | 20A    | 3LD41044DF300RC0 | 1845.-     |                  |



## Changeover Switch

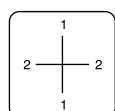
### With OFF (60°)

| 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-ORC0 | 1P 2W       | 400.-      | 730.-     | 895.-     | 925.-     | 945.-     | 1045.-    | 1420.-    | 1925.-    | 9625.-     | 1                |
| 3LD4 ___ 2BB10-ORC0 | 2P 2W       | 535.-      | 895.-     | 1020.-    | 1200.-    | 1275.-    | 1495.-    | 1940.-    | 2910.-    | 14080.-    |                  |
| 3LD4 ___ 3BB10-ORC0 | 3P 2W       | 655.-      | 1110.-    | 1360.-    | 1670.-    | 1935.-    | 2085.-    | 2450.-    | 3920.-    | 18220.-    |                  |
| 3LD4 ___ 4BB10-ORC0 | 4P 2W       | 805.-      | 1225.-    | 1560.-    | 2040.-    | 2570.-    | 2700.-    | 3000.-    | 4955.-    | 23230.-    |                  |



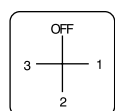
### Without OFF (90°)

| 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-ORC0 | 1P 2W       | 400.-      | 730.-     | 895.-     | 915.-     | 945.-     | 1045.-    | 1420.-    | 1925.-    | 9625.-     | 1                |
| 3LD4 ___ 2PC10-ORC0 | 2P 2W       | 535.-      | 895.-     | 1020.-    | 1200.-    | 1275.-    | 1495.-    | 1940.-    | 2910.-    | 14080.-    |                  |
| 3LD4 ___ 3PC10-ORC0 | 3P 2W       | 655.-      | 1110.-    | 1360.-    | 1670.-    | 1935.-    | 2085.-    | 2450.-    | 3920.-    | 18220.-    |                  |
| 3LD4 ___ 4PC10-ORC0 | 4P 2W       | 805.-      | 1225.-    | 1560.-    | 2040.-    | 2570.-    | 2700.-    | 3000.-    | 4955.-    | 23230.-    |                  |



## 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-ORC0 | 1P 3W       | 485.-      | 650.-     | 755.-     | 895.-     | 915.-     | 1130.-    | 1655.-    | 1855.-    | 7915.-     | 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 3LD41023BB10-ORC0

## 3LD4 Control Switches

### Breaker Control Switch

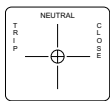
Breaker Control Switch also referred to as **TNC or Trip-Neutral-Close Switch**

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

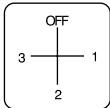


| Description      | Rating | Type#              | Unit LP* ₹ | Std. pkg. (nos.) |
|------------------|--------|--------------------|------------|------------------|
| 1 Trip + 1 Close | 25A    | 3LD4205-2BB50-ORC0 | 2650.-     | 1                |
|                  | 32A    | 3LD4206-2BB50-ORC0 | 3130.-     |                  |
| 2 Trip + 2 Close | 25A    | 3LD4205-4BB50-ORC0 | 3195.-     |                  |
|                  | 32A    | 3LD4206-4BB50-ORC0 | 3725.-     |                  |

### Multistep Switch

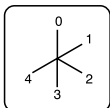


#### Multistep 3 Way with OFF



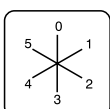
| Type*             | Description | Unit LP* ₹  |              |              |              |              |              |              |              |               | Std.<br>pkg.<br>(nos.) |
|-------------------|-------------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|------------------------|
|                   |             | 6A<br>(001) | 10A<br>(102) | 16A<br>(103) | 20A<br>(104) | 25A<br>(205) | 32A<br>(206) | 40A<br>(207) | 63A<br>(208) | 100A<br>(309) |                        |
| 3LD4___1CC40-ORC0 | 1P 3W       | 485.-       | 805.-        | 935.-        | 955.-        | 1020.-       | 1135.-       | 1615.-       | 1825.-       | 9305.-        | 1                      |
| 3LD4___2CC40-ORC0 | 2P 3W       | 655.-       | 945.-        | 1135.-       | 1360.-       | 1550.-       | 1660.-       | 2400.-       | 2695.-       | 14495.-       |                        |
| 3LD4___3CC40-ORC0 | 3P 3W       | 945.-       | 1255.-       | 1925.-       | 2055.-       | 2300.-       | 2495.-       | 3190.-       | 4165.-       | 18950.-       |                        |
| 3LD4___4CC40-ORC0 | 4P 3W       | 1215.-      | 1625.-       | 2330.-       | 2550.-       | 2860.-       | 3145.-       | 4280.-       | 4985.-       | 23930.-       |                        |

#### 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-ORC0 | 1P 4W       | 550.-      | 720.-     | 1360.-    | 1475.-    | 1625.-    | 1810.-    | 2045.-    | 2780.-    | 8230.-     | 1                |
| 3LD4 ___ 2DD40-ORC0 | 2P 4W       | 945.-      | 1365.-    | 1605.-    | 1650.-    | 1715.-    | 1985.-    | 2570.-    | 3245.-    | 12710.-    |                  |
| 3LD4 ___ 3DD40-ORC0 | 3P 4W       | 1320.-     | 1835.-    | 2545.-    | 2675.-    | 2860.-    | 3280.-    | 4385.-    | 4985.-    | 35020.-    |                  |

#### Multistep 5 Way with OFF

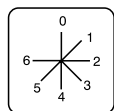


| Type*             | Description | Unit LP* ₹ |           |           |           |           |           |           |           |            | Std. pkg. (nos.) |
|-------------------|-------------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|------------------|
|                   |             | 6A (001)   | 10A (102) | 16A (103) | 20A (104) | 25A (205) | 32A (206) | 40A (207) | 63A (208) | 100A (309) |                  |
| 3LD4___1EE40-ORC0 | 1P 5W       | 620.-      | 1155.-    | 1560.-    | 1760.-    | 2035.-    | 2055.-    | 2545.-    | 2975.-    | 8755.-     | 1                |
| 3LD4___2EE40-ORC0 | 2P 5W       | 1110.-     | 1790.-    | 2075.-    | 2400.-    | 2770.-    | 3245.-    | 3345.-    | 4180.-    | 12705.-    |                  |

\* LP - List Price

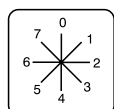
# Multistep Switch

## Multistep 6 Way with OFF



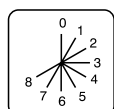
| Type#               | Description | Unit LP* ₹ |           |           |           |           |           |           |           | Std. pkg. (nos.) |
|---------------------|-------------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------------|
|                     |             | 6A (001)   | 10A (102) | 16A (103) | 20A (104) | 25A (205) | 32A (206) | 40A (207) | 63A (208) |                  |
| 3LD4 ___ 1FF40-ORCO | 1P 6W       | 800.-      | 1300.-    | 1505.-    | 1655.-    | 1810.-    | 2110.-    | 2165.-    | 3505.-    | 1                |
| 3LD4 ___ 2FF40-ORCO | 2P 6W       | 1320.-     | 1940.-    | 2180.-    | 2465.-    | 2780.-    | 3365.-    | 4300.-    | 5630.-    |                  |

## Multistep 7 Way with OFF



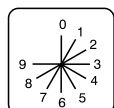
| Type#               | Description | Unit LP* ₹ |           |           |           |           |           |           |           | Std. pkg. (nos.) |
|---------------------|-------------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------------|
|                     |             | 6A (001)   | 10A (102) | 16A (103) | 20A (104) | 25A (205) | 32A (206) | 40A (207) | 63A (208) |                  |
| 3LD4 ___ 1GG40-ORCO | 1P 7W       | 805.-      | 1330.-    | 1650.-    | 1805.-    | 2055.-    | 2155.-    | 2245.-    | 3485.-    | 1                |

## Multistep 8 Way with OFF



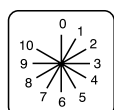
| Type#               | Description | Unit LP* ₹ |           |           |           | Std. pkg. (nos.) |
|---------------------|-------------|------------|-----------|-----------|-----------|------------------|
|                     |             | 6A (001)   | 10A (102) | 16A (103) | 20A (104) |                  |
| 3LD4 ___ 1HH40-ORCO | 1P 8W       | 920.-      | 1130.-    | 1615.-    | 1875.-    | 1                |

## Multistep 9 Way with OFF



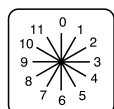
| Type#               | Description | Unit LP* ₹ |           |           |           | Std. pkg. (nos.) |
|---------------------|-------------|------------|-----------|-----------|-----------|------------------|
|                     |             | 6A (001)   | 10A (102) | 16A (103) | 20A (104) |                  |
| 3LD4 ___ 1JJ40-ORCO | 1P 9W       | 945.-      | 1375.-    | 1670.-    | 1985.-    | 1                |

## Multistep 10 Way with OFF



| Type#               | Description | Unit LP* ₹ |           |           |           | Std. pkg. (nos.) |
|---------------------|-------------|------------|-----------|-----------|-----------|------------------|
|                     |             | 6A (001)   | 10A (102) | 16A (103) | 20A (104) |                  |
| 3LD4 ___ 1KK40-ORCO | 1P 10W      | 1110.-     | 1460.-    | 2245.-    | 3015.-    | 1                |

## Multistep 11 Way with OFF



| Type#               | Description | Unit LP* ₹ |           |           |           | Std. pkg. (nos.) |
|---------------------|-------------|------------|-----------|-----------|-----------|------------------|
|                     |             | 6A (001)   | 10A (102) | 16A (103) | 20A (104) |                  |
| 3LD4 ___ 1LL40-ORCO | 1P 11W      | 1320.-     | 1580.-    | 2465.-    | 3245.-    | 1                |

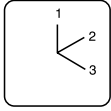
\* Fill in the 5th, 6th & 7th of the type nos with the digits in () to get complete MLFB  
e.g. for 6A 3 Pole Multistep 4 Way with OFF the complete type no will be 3LD40013DD40-ORCO



# Multistep Switch

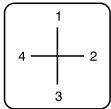


## Multistep 3 Way without OFF



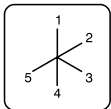
| Type#               | Description | Unit LP* ₹ |           |           |           |           |           |           |           |            | Std. pkg. (nos.) |
|---------------------|-------------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|------------------|
|                     |             | 6A (001)   | 10A (102) | 16A (103) | 20A (104) | 25A (205) | 32A (206) | 40A (207) | 63A (208) | 100A (309) |                  |
| 3LD4 ___ 1QB40-ORC0 | 1P 3W       | 410.-      | 710.-     | 860.-     | 870.-     | 1090.-    | 1120.-    | 1740.-    | 1960.-    | 7360.-     | 1                |
| 3LD4 ___ 2QB40-ORC0 | 2P 3W       | 595.-      | 1070.-    | 1210.-    | 1330.-    | 1430.-    | 1470.-    | 2180.-    | 2575.-    | 13175.-    |                  |
| 3LD4 ___ 3QB40-ORC0 | 3P 3W       | 860.-      | 1330.-    | 1805.-    | 1930.-    | 2090.-    | 2270.-    | 3185.-    | 3785.-    | 14150.-    |                  |
| 3LD4 ___ 4QB40-ORC0 | 4P 3W       | 1105.-     | 1475.-    | 2095.-    | 2375.-    | 2640.-    | 2810.-    | 6190.-    | 6835.-    | 15170.-    |                  |

## Multistep 4 Way without OFF



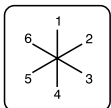
| Type#               | Description | Unit LP* ₹ |           |           |           |           |           |           |           |            | Std. pkg. (nos.) |
|---------------------|-------------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|------------------|
|                     |             | 6A (001)   | 10A (102) | 16A (103) | 20A (104) | 25A (205) | 32A (206) | 40A (207) | 63A (208) | 100A (309) |                  |
| 3LD4 ___ 1RC40-ORC0 | 1P 4W       | 470.-      | 775.-     | 1050.-    | 1130.-    | 1300.-    | 1370.-    | 1885.-    | 2630.-    | 8970.-     | 1                |
| 3LD4 ___ 2RC40-ORC0 | 2P 4W       | 665.-      | 1110.-    | 1235.-    | 1420.-    | 1540.-    | 1685.-    | 2270.-    | 2950.-    | 13850.-    |                  |
| 3LD4 ___ 3RC40-ORC0 | 3P 4W       | 910.-      | 1090.-    | 1960.-    | 2170.-    | 2455.-    | 2725.-    | 2965.-    | 3960.-    | 18260.-    |                  |

## Multistep 5 Way without OFF



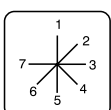
| Type#               | Description | Unit LP* ₹ |           |           |           |           |           |           |           |            | Std. pkg. (nos.) |
|---------------------|-------------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|------------------|
|                     |             | 6A (001)   | 10A (102) | 16A (103) | 20A (104) | 25A (205) | 32A (206) | 40A (207) | 63A (208) | 100A (309) |                  |
| 3LD4 ___ 1SD40-ORC0 | 1P 5W       | 620.-      | 890.-     | 1230.-    | 1420.-    | 1615.-    | 1985.-    | 2545.-    | 3255.-    | 8710.-     | 1                |
| 3LD4 ___ 2SD40-ORC0 | 2P 5W       | 1110.-     | 1505.-    | 1695.-    | 2180.-    | 2550.-    | 2750.-    | 3530.-    | 4475.-    | 12530.-    |                  |

## 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-ORC0 | 1P 6W       | 650.-      | 800.-     | 1550.-    | 1655.-    | 1810.-    | 2055.-    | 2405.-    | 3045.-    | 14495.-    | 1                |
| 3LD4 ___ 2TE40-ORC0 | 2P 6W       | 1255.-     | 1525.-    | 2085.-    | 2615.-    | 3200.-    | 3290.-    | 3345.-    | 4270.-    | 28915.-    |                  |

## Multistep 7 Way without OFF

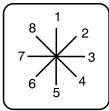


| Type#               | Description | Unit LP* ₹ |           |           |           |           |           |           |           | Std. pkg. (nos.) |
|---------------------|-------------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------------|
|                     |             | 6A (001)   | 10A (102) | 16A (103) | 20A (104) | 25A (205) | 32A (206) | 40A (207) | 63A (208) |                  |
| 3LD4 ___ 1UF40-ORC0 | 1P 7W       | 800.-      | 1020.-    | 1175.-    | 1625.-    | 2145.-    | 2150.-    | 2570.-    | 3825.-    | 1                |

\* LP - List Price

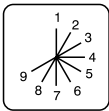
Multistep Switch

Multistep 8 Way without OFF



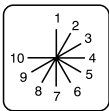
| Type#               | Description | Unit LP* ₹ |           |           |           | Std. pkg. (nos.) |
|---------------------|-------------|------------|-----------|-----------|-----------|------------------|
|                     |             | 6A (001)   | 10A (102) | 16A (103) | 20A (104) |                  |
| 3LD4 ___ 1VG40-ORCO | 1P 8W       | 805.-      | 1590.-    | 1755.-    | 1875.-    | 1                |

Multistep 9 Way without OFF



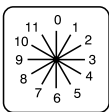
| Type#               | Description | Unit LP* ₹ |           |           |           | Std. pkg. (nos.) |
|---------------------|-------------|------------|-----------|-----------|-----------|------------------|
|                     |             | 6A (001)   | 10A (102) | 16A (103) | 20A (104) |                  |
| 3LD4 ___ 1WH40-ORCO | 1P 9W       | 945.-      | 1650.-    | 2785.-    | 3465.-    | 1                |

Multistep 10 Way without OFF



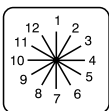
| Type#               | Description | Unit LP* ₹ |           |           |           | Std. pkg. (nos.) |
|---------------------|-------------|------------|-----------|-----------|-----------|------------------|
|                     |             | 6A (001)   | 10A (102) | 16A (103) | 20A (104) |                  |
| 3LD4 ___ 1XJ40-ORCO | 1P 10W      | 1020.-     | 1680.-    | 3090.-    | 4165.-    | 1                |

Multistep 11 Way without OFF



| Type#               | Description | Unit LP* ₹ |           |           |           | Std. pkg. (nos.) |
|---------------------|-------------|------------|-----------|-----------|-----------|------------------|
|                     |             | 6A (001)   | 10A (102) | 16A (103) | 20A (104) |                  |
| 3LD4 ___ 1YK40-ORCO | 1P 11W      | 1055.-     | 1715.-    | 3330.-    | 4395.-    | 1                |

Multistep 12 Way without OFF



| Type#               | Description | Unit LP* ₹ |           |           |           | Std. pkg. (nos.) |
|---------------------|-------------|------------|-----------|-----------|-----------|------------------|
|                     |             | 6A (001)   | 10A (102) | 16A (103) | 20A (104) |                  |
| 3LD4 ___ 1ZL40-ORCO | 1P 12W      | 1155.-     | 1755.-    | 3465.-    | 4445.-    | 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 3LD4-0011RC40-ORCO

\* LP - List Price





# SETRON 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* ₹ |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|------------|
| <b>PAC 3120</b> 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 $\pm 10\%$ 50/60Hz                                       | 7KM3120-0BA01-1DA0# | POR        |
| <b>PAC 3220</b> 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 $\pm 10\%$ 50/60Hz                           | 7KM3220-0BA01-1DA0# | POR        |
| <b>PAC 4220</b> 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 $\pm 10\%$ , 50/60Hz,<br>110...340V DC $\pm 10\%$ | 7KM4220-0BA01-1EA0# | POR        |

#### 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 <sup>§</sup>  | 7KM9200-0AB00-0AA0 | POR        |
| Analog Expansion Module                        | 7KM9200-0AD00-0AA0 | POR        |

# For extra low DC voltage (22 ... 65 V DC  $\pm 10\%$ ) 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* ₹ |
|-------------------------------------------------------------|------------|
| SETRON powermanager:<br>Complete Energy Management Software | POR        |

POR: Price On Request

Std. Pkg. = 1 unit

\* LP - List Price

#### PAC EXPANSION Modules



7KM PAC 3220



7KM PAC 4220



MODBUS RTU



PROFINET



PROFIBUS DP



I(N), I(Diff), Analog



PAC 4DI/2DO





**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



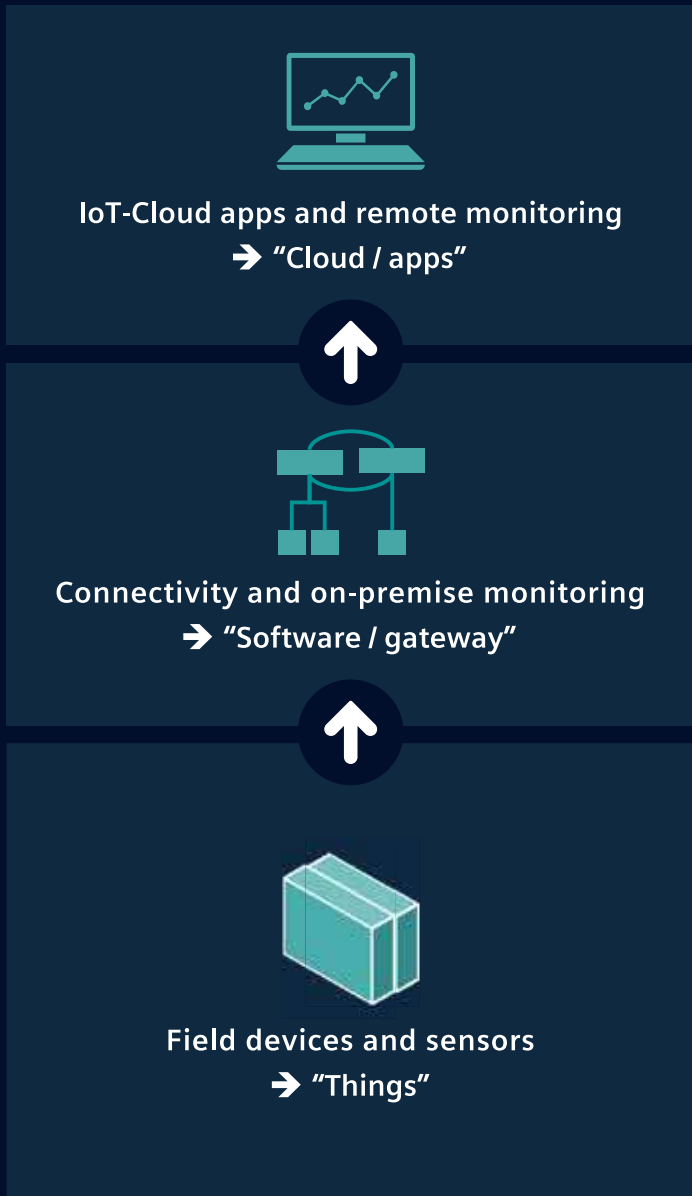
**Secure access**  
comprehensive security concept



# SENTRON Powercenter 3000

Your easy entry into power and condition monitoring

**SIEMENS**



**SENTRON  
Powermind**



7KN Powercenter 3000



\* 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 Communication\*



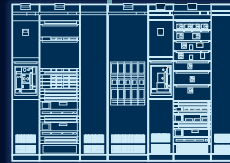
20 7KM PAC3200T



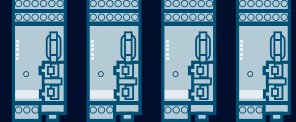
7KM PAC2200



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<sup>th</sup> 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.-    |

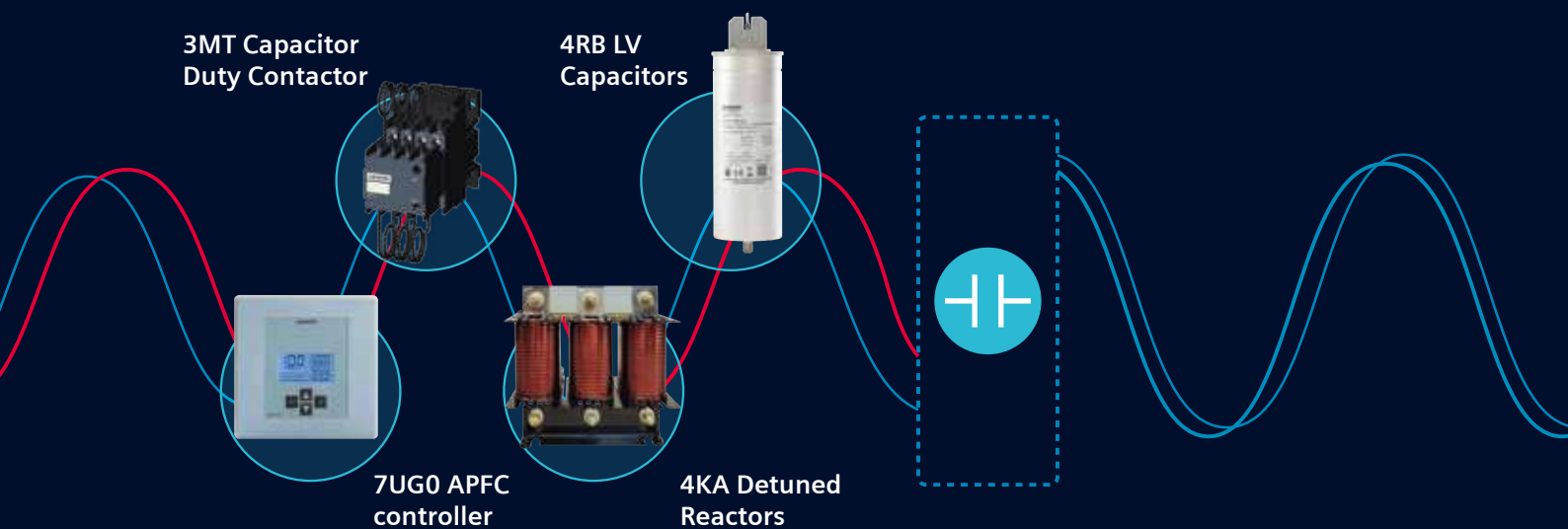
POR: Price On Request

Std. Pkg. = 1 unit

\* LP - List Price



# Power Factor Correction



# SIECAP™ LV Power Capacitors

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

- High pulse current withstand capability (upto 200.I<sub>N</sub>)
- Long life expectancy upto 100000 hrs
- Self healing type
- Inbuilt over pressure disconnecter
- Shock hazard protected SIGUT terminals



| Rated voltage<br>V | kvar @ 50 Hz | Type             | Unit LP*<br>₹ | Std.<br>pkg.<br>(nos.) |
|--------------------|--------------|------------------|---------------|------------------------|
| 440                | 5            | 4RB2050-3EE52-8K | 4925.-        | 1                      |
|                    | 6            | 4RB2060-3EE52-8K | 5260.-        | 1                      |
|                    | 7            | 4RB2070-3EE52-8K | 6140.-        | 1                      |
|                    | 7.5          | 4RB2075-3EE52-8K | 7090.-        | 1                      |
|                    | 8.3          | 4RB2083-3EE52-8K | 7040.-        | 1                      |
|                    | 10           | 4RB2100-3EE52-8K | 8070.-        | 1                      |
|                    | 12.5         | 4RB2125-3EE52-8K | 9475.-        | 1                      |
|                    | 15           | 4RB2150-3EE52-8K | 11365.-       | 1                      |
|                    | 20           | 4RB2200-3EE52-8K | 15095.-       | 1                      |
|                    | 20.8         | 4RB2208-3EE52-8K | 15740.-       | 1                      |
|                    | 25           | 4RB2250-3EE52-8K | 18905.-       | 1                      |
|                    | 28           | 4RB2280-3EE52-8K | 21170.-       | 1                      |
|                    | 30           | 4RB2300-3EE52-8K | 22700.-       | 1                      |

| Rated voltage<br>V | kvar @ 50 Hz | Type             | Unit LP*<br>₹ | Std.<br>pkg.<br>(nos.) |
|--------------------|--------------|------------------|---------------|------------------------|
| 480                | 5            | 4RB2050-3EJ52-8K | 4535.-        | 1                      |
|                    | 5.5          | 4RB2055-3EJ52-8K | 5020.-        | 1                      |
|                    | 10.4         | 4RB2104-3EJ52-8K | 8945.-        | 1                      |
|                    | 11.1         | 4RB2111-3EJ52-8K | 9720.-        | 1                      |
|                    | 12.5         | 4RB2125-3EJ52-8K | 9960.-        | 1                      |
|                    | 20.8         | 4RB2208-3EJ52-8K | 16560.-       | 1                      |
|                    | 25           | 4RB2250-3EJ52-8K | 19895.-       | 1                      |
|                    | 27.7         | 4RB2277-3EJ52-8K | 22055.-       | 1                      |
|                    | 30           | 4RB2300-3EJ52-8K | 23900.-       | 1                      |

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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.



# 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 disconnecter
- Shock hazard protected SIGUT terminals



| Rated voltage<br>V | kvar @ 50 Hz | Type             | Unit LP*<br>₹ | Std.<br>pkg.<br>(nos.) |
|--------------------|--------------|------------------|---------------|------------------------|
| 415                | 5            | 4RB2050-3EB53-8K | 5785.-        | 1                      |
|                    | 7.5          | 4RB2075-3EB53-8K | 9020.-        | 1                      |
|                    | 10.4         | 4RB2104-3EB53-8K | 10660.-       | 1                      |
|                    | 12.5         | 4RB2125-3EB53-8K | 11555.-       | 1                      |
|                    | 15           | 4RB2150-3EB53-8K | 13880.-       | 1                      |
|                    | 20           | 4RB2200-3EB53-8K | 18500.-       | 1                      |
|                    | 25           | 4RB2250-3EB53-8K | 23125.-       | 1                      |
| 440                | 5            | 4RB2050-3EE53-8K | 5950.-        | 1                      |
|                    | 7.5          | 4RB2075-3EE53-8K | 8975.-        | 1                      |
|                    | 10           | 4RB2100-3EE53-8K | 10235.-       | 1                      |
|                    | 12.5         | 4RB2125-3EE53-8K | 11555.-       | 1                      |
|                    | 15           | 4RB2150-3EE53-8K | 13880.-       | 1                      |
|                    | 20           | 4RB2200-3EE53-8K | 18500.-       | 1                      |
|                    | 25           | 4RB2250-3EE53-8K | 23125.-       | 1                      |
|                    | 30           | 4RB2300-3EE53-8K | 27730.-       | 1                      |

| Rated voltage<br>V | kvar @ 50 Hz | Type             | Unit LP*<br>₹ | Std.<br>pkg.<br>(nos.) |
|--------------------|--------------|------------------|---------------|------------------------|
| 480                | 5            | 4RB2050-3EJ53-8K | 5950.-        | 1                      |
|                    | 6.3          | 4RB2063-3EJ53-8K | 6715.-        | 1                      |
|                    | 10.4         | 4RB2104-3EJ53-8K | 9965.-        | 1                      |
|                    | 11           | 4RB2110-3EJ53-8K | 10550.-       | 1                      |
|                    | 12.5         | 4RB2125-3EJ53-8K | 11980.-       | 1                      |
|                    | 13.8         | 4RB2138-3EJ53-8K | 13225.-       | 1                      |
|                    | 15           | 4RB2150-3EJ53-8K | 14370.-       | 1                      |
|                    | 16.7         | 4RB2167-3EJ53-8K | 15990.-       | 1                      |
|                    | 18.7         | 4RB2187-3EJ53-8K | 17905.-       | 1                      |
|                    | 20           | 4RB2200-3EJ53-8K | 19175.-       | 1                      |
|                    | 22           | 4RB2220-3EJ53-8K | 21060.-       | 1                      |
|                    | 25           | 4RB2250-3EJ53-8K | 23940.-       | 1                      |
|                    | 28.1         | 4RB2281-3EJ53-8K | 26915.-       | 1                      |
|                    | 30           | 4RB2300-3EJ53-8K | 28715.-       | 1                      |
| 525                | 5            | 4RB2050-3FC53-8K | 6140.-        | 1                      |
|                    | 6.3          | 4RB2063-3FC53-8K | 7440.-        | 1                      |
|                    | 8.3          | 4RB2083-3FC53-8K | 9055.-        | 1                      |
|                    | 10.4         | 4RB2104-3FC53-8K | 10300.-       | 1                      |
|                    | 12.5         | 4RB2125-3FC53-8K | 12395.-       | 1                      |
|                    | 13.2         | 4RB2132-3FC53-8K | 13085.-       | 1                      |
|                    | 15           | 4RB2150-3FC53-8K | 14855.-       | 1                      |
|                    | 16.7         | 4RB2167-3FC53-8K | 16570.-       | 1                      |
|                    | 20           | 4RB2200-3FC53-8K | 19810.-       | 1                      |
|                    | 25           | 4RB2250-3FC53-8K | 24760.-       | 1                      |
|                    | 26.5         | 4RB2265-3FC53-8K | 26255.-       | 1                      |
|                    | 30           | 4RB2300-3FC53-8K | 29735.-       | 1                      |
|                    | 33.1         | 4RB2331-3FC53-8K | 32790.-       | 1                      |

Power Factor Correction



Std. Pkg. = 1 unit

\* LP - List Price

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# SIECAP™ LV Power Capacitors

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

- High pulse current withstand capability (upto 500.I<sub>N</sub>)
- Long life expectancy upto 200000 hrs
- Self healing type
- Inbuilt over pressure disconnecter
- Shock hazard protected SIGUT terminals



| Rated voltage<br>V | kvar @ 50 Hz | Type             | Unit LP*<br>₹ | Std.<br>pkg.<br>(nos.) |
|--------------------|--------------|------------------|---------------|------------------------|
| 415                | 5            | 4RB1050-3EB50-8K | 8605.-        | 1                      |
|                    | 6.3          | 4RB1063-3EB50-8K | 10735.-       | 1                      |
|                    | 7.5          | 4RB1075-3EB50-8K | 12785.-       | 1                      |
|                    | 10.4         | 4RB1104-3EB50-8K | 11825.-       | 1                      |
|                    | 12.5         | 4RB1125-3EB50-8K | 14005.-       | 1                      |
|                    | 15           | 4RB1150-3EB50-8K | 16810.-       | 1                      |
|                    | 20           | 4RB1200-3EB50-8K | 22420.-       | 1                      |
|                    | 25           | 4RB1250-3EB50-8K | 28020.-       | 1                      |
|                    | 28.1         | 4RB1281-3EB50-8K | 31470.-       | 1                      |
|                    | 30           | 4RB1300-3EB50-8K | 33620.-       | 1                      |
|                    | 33           | 4RB1330-3EB50-8K | 36985.-       | 1                      |
| 440                | 5            | 4RB1050-3EE50-8K | 8370.-        | 1                      |
|                    | 7.5          | 4RB1075-3EE50-8K | 12725.-       | 1                      |
|                    | 10           | 4RB1100-3EE50-8K | 11375.-       | 1                      |
|                    | 10.4         | 4RB1104-3EE50-8K | 11825.-       | 1                      |
|                    | 12.5         | 4RB1125-3EE50-8K | 14005.-       | 1                      |
|                    | 15           | 4RB1150-3EE50-8K | 16810.-       | 1                      |
|                    | 16.7         | 4RB1167-3EE50-8K | 18715.-       | 1                      |
|                    | 20           | 4RB1200-3EE50-8K | 22420.-       | 1                      |
|                    | 25           | 4RB1250-3EE50-8K | 28020.-       | 1                      |
|                    | 28.1         | 4RB1281-3EE50-8K | 31470.-       | 1                      |
|                    | 30           | 4RB1300-3EE50-8K | 33620.-       | 1                      |
|                    | 33.1         | 4RB1331-3EE50-8K | 37085.-       | 1                      |
|                    | 5            | 4RB1050-3EJ50-8K | 8935.-        | 1                      |
| 480                | 6.3          | 4RB1063-3EJ50-8K | 10680.-       | 1                      |
|                    | 8.3          | 4RB1083-3EJ50-8K | 10375.-       | 1                      |
|                    | 10.4         | 4RB1104-3EJ50-8K | 11435.-       | 1                      |
|                    | 11           | 4RB1111-3EJ50-8K | 12780.-       | 1                      |
|                    | 12.5         | 4RB1125-3EJ50-8K | 14510.-       | 1                      |
|                    | 13.8         | 4RB1138-3EJ50-8K | 16030.-       | 1                      |
|                    | 15           | 4RB1150-3EJ50-8K | 17420.-       | 1                      |
|                    | 16.7         | 4RB1167-3EJ50-8K | 19375.-       | 1                      |
|                    | 18.7         | 4RB1187-3EJ50-8K | 21700.-       | 1                      |
|                    | 20           | 4RB1200-3EJ50-8K | 23225.-       | 1                      |
|                    | 22           | 4RB1220-3EJ50-8K | 25525.-       | 1                      |
|                    | 25           | 4RB1250-3EJ50-8K | 28990.-       | 1                      |
|                    | 28.1         | 4RB1281-3EJ50-8K | 32610.-       | 1                      |
|                    | 30           | 4RB1300-3EJ50-8K | 34805.-       | 1                      |
|                    | 31           | 4RB1310-3EJ50-8K | 35975.-       | 1                      |
|                    | 33           | 4RB1330-3EJ50-8K | 38310.-       | 1                      |

| Rated voltage<br>V | kvar @ 50 Hz | Type             | Unit LP*<br>₹ | Std.<br>pkg.<br>(nos.) |
|--------------------|--------------|------------------|---------------|------------------------|
| 525                | 5            | 4RB1050-3FC50-8K | 9095.-        | 1                      |
|                    | 6.3          | 4RB1063-3FC50-8K | 10680.-       | 1                      |
|                    | 8.3          | 4RB1083-3FC50-8K | 10370.-       | 1                      |
|                    | 10.4         | 4RB1104-3FC50-8K | 11435.-       | 1                      |
|                    | 12.5         | 4RB1125-3FC50-8K | 15010.-       | 1                      |
|                    | 13.2         | 4RB1132-3FC50-8K | 15850.-       | 1                      |
|                    | 15           | 4RB1150-3FC50-8K | 18005.-       | 1                      |
|                    | 16.7         | 4RB1167-3FC50-8K | 20065.-       | 1                      |
|                    | 20           | 4RB1200-3FC50-8K | 24000.-       | 1                      |
|                    | 25           | 4RB1250-3FC50-8K | 30020.-       | 1                      |
|                    | 26.5         | 4RB1265-3FC50-8K | 31825.-       | 1                      |
|                    | 30           | 4RB1300-3FC50-8K | 36030.-       | 1                      |
|                    | 33.1         | 4RB1331-3FC50-8K | 39740.-       | 1                      |
| 690                | 5.3          | 4RB1053-3GK50-8K | 9845.-        | 1                      |
|                    | 6.9          | 4RB1068-3GK50-8K | 12230.-       | 1                      |
|                    | 10.4         | 4RB1104-3GK50-8K | 11825.-       | 1                      |
|                    | 12.5         | 4RB1125-3GK50-8K | 15515.-       | 1                      |
|                    | 14.6         | 4RB1146-3GK50-8K | 18120.-       | 1                      |
|                    | 20           | 4RB1200-3GK50-8K | 24810.-       | 1                      |
|                    | 25           | 4RB1250-3GK50-8K | 31025.-       | 1                      |

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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*<br>₹ |
|-----------|-----------------|--------------------|---------------|
| 5kvar     | 5.67%           | 4KA1220-1AC01-0AA0 | 42490.-       |
| 10kvar    | 5.67%           | 4KA1220-3AC01-0AA0 | 47940.-       |
| 12.5kvar  | 5.67%           | 4KA1220-4AC01-0AA0 | 52480.-       |
| 15kvar    | 5.67%           | 4KA1220-5AC01-0AA0 | 70045.-       |
| 20kvar    | 5.67%           | 4KA1220-6AC01-0AA0 | 72925.-       |
| 25kvar    | 5.67%           | 4KA1220-7AC01-0AA0 | 74495.-       |
| 5kvar     | 7%              | 4KA1220-1AA01-0AA0 | 32620.-       |
| 10kvar    | 7%              | 4KA1220-3AA01-0AA0 | 44755.-       |
| 12.5kvar  | 7%              | 4KA1220-4AA01-0AA0 | 48320.-       |
| 15kvar    | 7%              | 4KA1220-5AA01-0AA0 | 55790.-       |
| 20kvar    | 7%              | 4KA1220-6AA01-0AA0 | 59430.-       |
| 25kvar    | 7%              | 4KA1220-7AA01-0AA0 | 62545.-       |
| 50kvar    | 7%              | 4KA1220-2BA01-0AA0 | 111430.-      |
| 75kvar    | 7%              | 4KA1220-3BA03-0AA0 | 156275.-      |
| 100kvar   | 7%              | 4KA1220-4BA03-0AA0 | 196705.-      |
| 5kvar     | 14%             | 4KA1220-1AB01-0AA0 | 42950.-       |
| 12.5kvar  | 14%             | 4KA1220-4AB01-0AA0 | 88765.-       |
| 15kvar    | 14%             | 4KA1220-5AB01-0AA0 | 84415.-       |
| 20kvar    | 14%             | 4KA1220-6AB01-0AA0 | 103820.-      |
| 25kvar    | 14%             | 4KA1220-7AB01-0AA0 | 124230.-      |
| 50kvar    | 14%             | 4KA1220-2BB01-0AA0 | 203350.-      |
| 75kvar    | 14%             | 4KA1220-3BB03-0AA0 | 334550.-      |
| 100kvar   | 14%             | 4KA1220-4BB03-0AA0 | 401890.-      |

Std. Pkg. = 1 unit

\* LP - List Price

### Aluminium Detuned Reactors

| Bank size | Detuning factor | Type               | Unit LP*<br>₹ |
|-----------|-----------------|--------------------|---------------|
| 5kvar     | 5.67%           | 4KA1420-1AC01-0AA0 | 23480.-       |
| 10kvar    | 5.67%           | 4KA1420-3AC01-0AA0 | 30930.-       |
| 12.5kvar  | 5.67%           | 4KA1420-4AC01-0AA0 | 35375.-       |
| 15kvar    | 5.67%           | 4KA1420-5AC01-0AA0 | 41520.-       |
| 20kvar    | 5.67%           | 4KA1420-6AC01-0AA0 | 51630.-       |
| 25kvar    | 5.67%           | 4KA1420-7AC01-0AA0 | 53585.-       |
| 50kvar    | 5.67%           | 4KA1420-2BC01-0AA0 | 84205.-       |
| 5kvar     | 7%              | 4KA1420-1AA01-0AA0 | 25820.-       |
| 10kvar    | 7%              | 4KA1420-3AA01-0AA0 | 33230.-       |
| 12.5kvar  | 7%              | 4KA1420-4AA01-0AA0 | 36745.-       |
| 15kvar    | 7%              | 4KA1420-5AA01-0AA0 | 41410.-       |
| 20kvar    | 7%              | 4KA1420-6AA01-0AA0 | 44100.-       |
| 25kvar    | 7%              | 4KA1420-7AA01-0AA0 | 47170.-       |
| 50kvar    | 7%              | 4KA1420-2BA01-0AA0 | 81110.-       |
| 75kvar    | 7%              | 4KA1420-3BA03-0AA0 | 115205.-      |
| 100kvar   | 7%              | 4KA1420-4BA03-0AA0 | 144110.-      |
| 5kvar     | 14%             | 4KA1420-1AB01-0AA0 | 34470.-       |
| 10kvar    | 14%             | 4KA1420-3AB01-0AA0 | 58690.-       |
| 12.5kvar  | 14%             | 4KA1420-4AB01-0AA0 | 69595.-       |
| 15kvar    | 14%             | 4KA1420-5AB01-0AA0 | 73085.-       |
| 20kvar    | 14%             | 4KA1420-6AB01-0AA0 | 88890.-       |
| 25kvar    | 14%             | 4KA1420-7AB01-0AA0 | 101530.-      |
| 50kvar    | 14%             | 4KA1420-2BB01-0AA0 | 162805.-      |

Power Factor Correction



## 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.) |
|-----------------------------------|------------------------|------------------|-----------|------------------------|------------------|-----------|------------------|
| <b>NEW</b> 2.5kvar                | 1NO                    | 3MT70002JA106A.. | 4055.-    | 1NC                    | 3MT70002JA016A.. | 4055.-    | 1                |
| <b>NEW</b> 5kvar                  | 1NO                    | 3MT70005JA106A.. | 4490.-    | 1NC                    | 3MT70005JA016A.. | 4490.-    | 1                |
| <b>NEW</b> 7.5kvar                | 1NO+1NC                | 3MT70007JA116A.. | 4945.-    | 2NC                    | 3MT70007JA026A.. | 4945.-    | 1                |
| <b>NEW</b> 10kvar                 | 1NO+1NC                | 3MT70010JA116A.. | 6155.-    | 2NC                    | 3MT70010JA026A.. | 6155.-    | 1                |
| <b>NEW</b> 12.5kvar               | 1NO+1NC                | 3MT70012JA116A.. | 6290.-    | 2NC                    | 3MT70012JA026A.. | 6290.-    | 1                |
| <b>NEW</b> 16.7kvar               | 1NO+1NC                | 3MT70016JA116A.. | 8330.-    | 2NC                    | 3MT70016JA026A.. | 8330.-    | 1                |
| <b>NEW</b> 20kvar                 | 1NO+1NC                | 3MT70020JA116A.. | 9265.-    | 2NC                    | 3MT70020JA026A.. | 9265.-    | 1                |
| <b>NEW</b> 25kvar                 | 1NO+1NC                | 3MT70025JA116A.. | 10620.-   | 2NC                    | 3MT70025JA026A.. | 10620.-   | 1                |
| <b>NEW</b> 33.3kvar               | 1NO+2NC                | 3MT70033JA126A.. | 16095.-   |                        |                  |           | 1                |
| <b>NEW</b> 40kvar                 | 1NO+2NC                | 3MT70040JA126A.. | 25980.-   |                        |                  |           | 1                |
| <b>NEW</b> 50kvar                 | 1NO+2NC                | 3MT70050JA126A.. | 30415.-   |                        |                  |           | 1                |
| 60kvar                            | 1NO+2NC                | 3MT70060JA126A.. | 32325.-   |                        |                  |           | 1                |
| 80kvar                            | 1NO+2NC                | 3MT70080JA126A.. | 39680.-   |                        |                  |           | 1                |
| 100kvar                           | 1NO+2NC                | 3MT70100JA126A.. | 41240.-   |                        |                  |           | 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 | 1215.-    | 1                |
| 20kvar to 25kvar : 3MT70020 to 3MT70025    | 3MT74000L..9M1A | 1430.-    | 1                |
| 33.3kvar to 60kvar : 3MT70033 to 3MT70075  | 3MT76000L..9M1A | 3690.-    | 1                |
| 80kvar to 100kvar : 3MT70080 to 3MT70100   | 3MT78000L..9M1A | 4025.-    | 1                |

| Spare side aux. contact block | Type            | Unit LP ₹ | Std. pkg. (nos.) |
|-------------------------------|-----------------|-----------|------------------|
| 1NO+1NC                       | 3MT70110CL09M1A | 905.-     | 10               |
| 2NC                           | 3MT70200CL09M1A | 905.-     | 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 | 35670.-          |
|                                                      | 12 Stage with LCD display | 7UG0572-1GT20 | 38210.-          |
|                                                      | 12 stage with LED display | 7UG0572-1GT21 | 21845.-          |

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



# Siemens Reyrolle Protection Relays

Relays for every application

## Applications

- Feeder Protection
- Motor Protection
- Transformer Protection

## Features

- Non Drawout / Drawout variants
- Programmable Tri-color LED's
- Communication: MODBUS RTU / IEC 103 and optional IEC 61850
- 1000 events / 10 disturbance records
- Programmable logic editor
- Easy Parameterization & Monitoring with ReyDisp Software

[www.siemens.com/Reyrolle](http://www.siemens.com/Reyrolle)

**SIEMENS**

# Portfolio Overview

Feeder Protection

Fixed

Non-Directional

Directional



7SR1002 / 3



7SR1004

Drawout

Non-Directional

Directional



7SR11



7SR12

Motor Protection

Non-Directional | Fixed



7SR105

Directional | Drawout



7SR17

Transformer Protection

Directional | Drawout

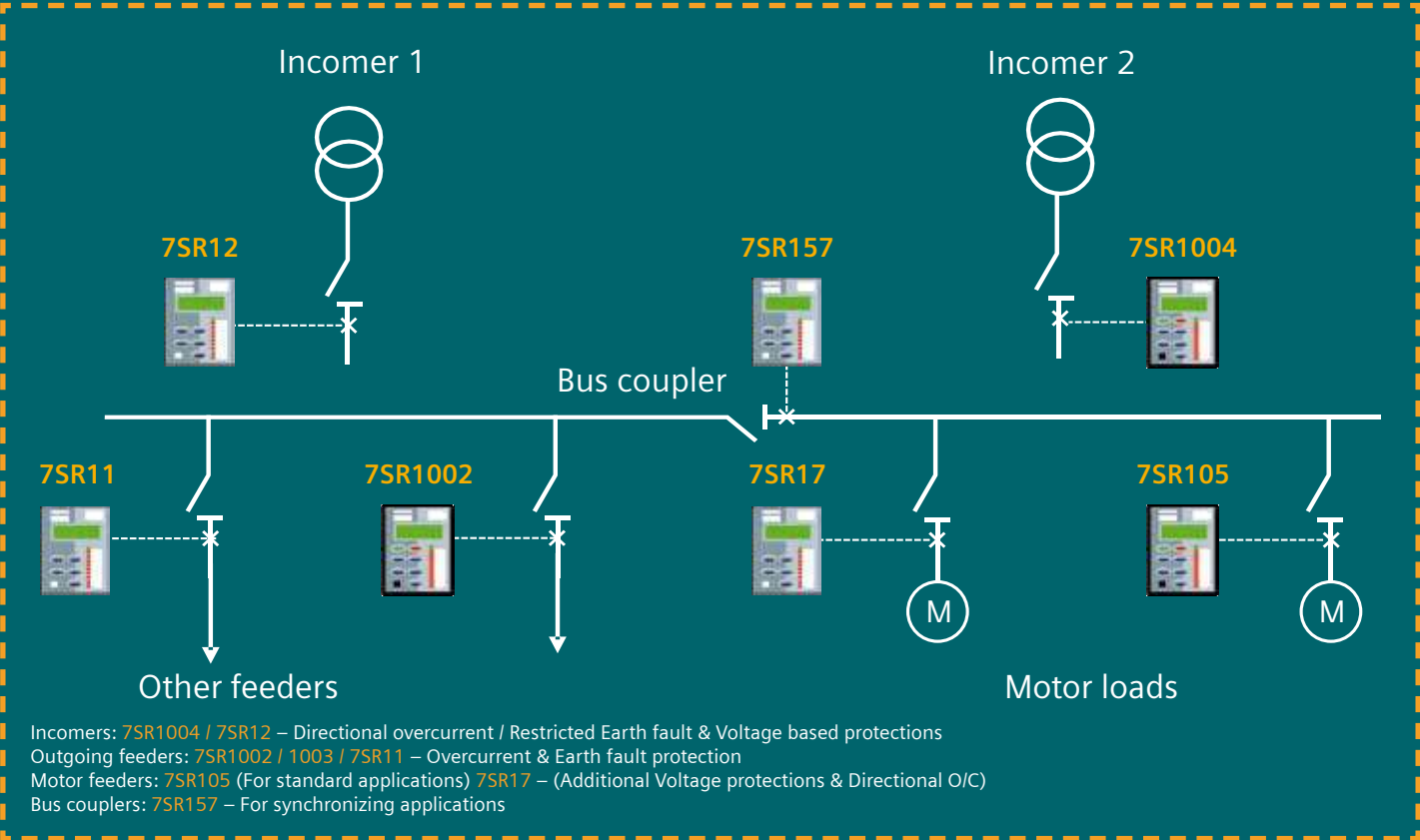


7SR242

Check synchronizing



7SR157





## 7SR Numerical Relays

|                   |                                                                                   | Description                                                                                                                                                                                                                                                                                                                                                                                                                                            | Type *             | Unit LP ₹ |
|-------------------|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|-----------|
| Feeder Protection |  | <b>Non Drawout   Non Directional</b> overcurrent relay   6 BI 6 BOs   <b>Measuring current input:</b> 1/5A   <b>Auxiliary voltage:</b> 60 to 240V AC/DC   <b>BI Threshold:</b> 44V AC/DC   <b>Communication:</b> Front USB, RS485 supporting IEC 60870-5-103 /Modbus RTU/DNP 3.0 <b>Protection Functions:</b> 46BC, 46NPS, 49, 50, 51, 50G/N, 51G/N, 50/51 SEF, 74T/CCS, 81THD, 86                                                                     | 7SR1003-1LA20-2CA0 | 173465.-  |
|                   |                                                                                   | <b>Non Drawout   Directional</b> overcurrent relay   9 BI 6 BOs   <b>Measuring current input:</b> 1/5A with SEF input   <b>Auxiliary voltage:</b> 60 to 240V AC/DC   <b>BI Threshold:</b> 88V AC/DC   <b>Communication:</b> Front USB, RS485 supporting IEC 60870-5-103 /Modbus RTU/DNP 3.0 <b>Protection Functions:</b> 27/59, 32, 32S, 37, 46BC, 46NPS, 47NPS, 49, 50BF, 51V, 55, 59N, 60CTS, 60VTS, 64H, 67/50, 50SEF, 51G/N, 51SEF, 74T/CCS, 81U/O | 7SR1004-4KA20-2CA0 | 300535.-  |
|                   |                                                                                   | <b>Drawout   Non Directional</b> overcurrent relay   6 BI 8 BOs   <b>Measuring current input:</b> 1/5A   <b>Auxiliary voltage:</b> 100 to 230V AC/24 -250VDC   <b>BI Threshold:</b> 19VDC   <b>Communication:</b> Front USB, RS485 supporting IEC 60870-5-103 /Modbus RTU/DNP 3.0 <b>Protection Functions:</b> 46BC, 46NPS, 49, 50, 50AFD, 50BF, 51, 50G/N, 51G/N, 64H, 74T/CCS, 86                                                                    | 7SR1103-1MA12-1CA0 | 292850.-  |
|                   |                                                                                   | <b>Drawout   Directional</b> overcurrent relay   6 BI 8 BOs   <b>Measuring current input:</b> 1/5A   <b>Auxiliary voltage:</b> 100 to 230V AC/24 -250VDC   <b>BI Threshold:</b> 19VDC   <b>Communication:</b> Front USB, RS485 supporting IEC 60870-5-103 /Modbus RTU/DNP 3.0 <b>Protection Functions:</b> 27, 59, 32, 32S, 37, 46BC, 46NPS, 47, 49, 50, 50AFD, 50BF, 51, 50N, 51N, 51V, 55, 59N, 60CTS, 64H, 67, 74T/CCS, 81U/O, 86                   | 7SR1206-2MA12-1CA0 | 326660.-  |
| Motor Protection  |  | <b>Non Drawout   Motor Protection Relay</b>   6 BI 6 BOs   <b>Measuring current input:</b> 1/5A   <b>Auxiliary voltage:</b> 60 to 240V AC/DC   <b>BI Threshold:</b> 44V AC/DC   <b>Communication:</b> Front USB, RS485 supporting IEC 60870-5-103 /Modbus RTU/DNP 3.0 <b>Protection Functions:</b> 14, 37, 46, 46PhRev, 48/66, 49, 50/51, 50G/N, 51G/N, 50BCL, 50BF, 74T/CCS, 81B                                                                      | 7SR1053-2LA21-2EA0 | 251785.-  |

\* For more options on control voltage, BI/BOs, Communication protocols or protection functions please contact your nearest Siemens Sales Office

## 7PJ Auxiliary & Trip Relays

|             |                                                                                     | Description                                                                                        | Type               | Unit LP ₹ |
|-------------|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|--------------------|-----------|
| Aux Relays  |  | Auxiliary relay Single Element with self reset contacts with flag, 110V DC, 3NO+2CO, Low burden    | 7PJ1111-6DA20-0AA0 | 22270.-   |
|             |                                                                                     | Auxiliary relay Single Element with self reset contacts with flag, 220V DC, 3NO+2CO, Low burden    | 7PJ1111-7DA20-0AA0 | 22270.-   |
|             |                                                                                     | Auxiliary relay Single Element with self reset contacts without flag, 110V DC, 3NO+2CO, Low burden | 7PJ1114-6DA20-0AA0 | 22270.-   |
|             |                                                                                     | Auxiliary relay Single Element with self reset contacts without flag, 220V DC, 3NO+2CO, Low burden | 7PJ1114-7DA20-0AA0 | 22270.-   |
|             |                                                                                     | Auxiliary relay Three Element, hand reset with flag, 110V DC, 2NO, Low burden                      | 7PJ1132-6CA00-0AA0 | 44730.-   |
|             |                                                                                     | Auxiliary relay Three Element, hand reset with flag, 220V DC, 2NO, Low burden                      | 7PJ1132-7CA00-0AA0 | 44730.-   |
| Trip Relays |  | Trip relay with hand reset contacts with flag, DC 110V, 4NO+1NC, high burden                       | 7PJ1212-6EB01-0AA0 | 22270.-   |
|             |                                                                                     | Trip relay with hand reset contacts with flag, DC 220V, 4NO+1NC, high burden                       | 7PJ1212-7EB01-0AA0 | 22270.-   |
|             |                                                                                     | TCS relay, 2CO, SR, Aux 24-240VAC/DC, BI 24-240VDC                                                 | 7PJ1321-5AA21-0AA0 | 40850.-   |

# SIEMENS

## SENTRON

### Circuit protection devices with measuring and communication function

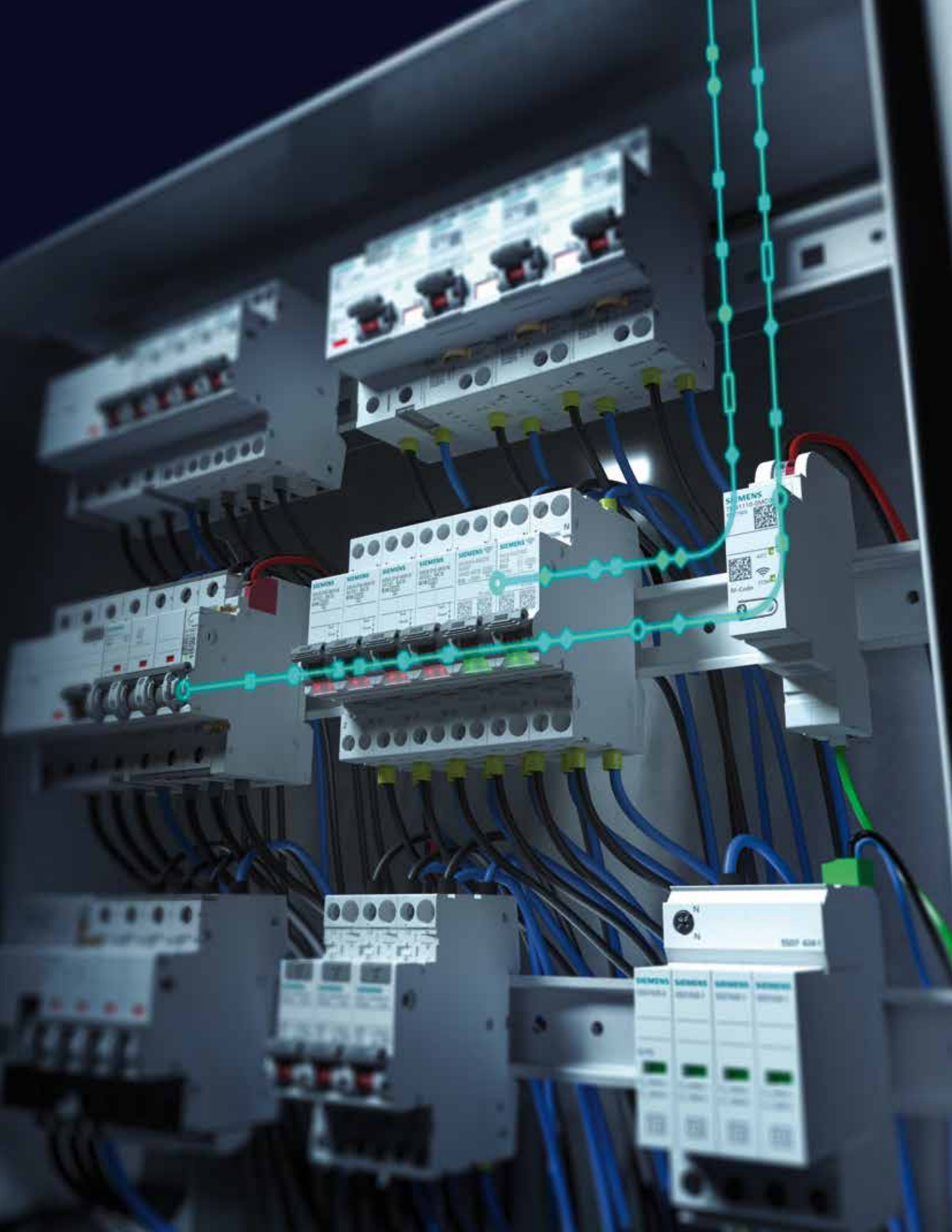


**SENTRON  
5SV6 COM  
AFDD/MCB**



**SENTRON  
Powercenter 1100  
data transceiver**





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



- 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 <sub>n</sub><br>A | MW* | 7500A            |                  | 10000A     | Std. Pkg.<br>(Nos.) |
|--------------------------------------------------------------------------------------------------------------|---------------------|-----|------------------|------------------|------------|---------------------|
|                                                                                                              |                     |     | Characteristic B | Characteristic C |            |                     |
| <div>1P, 240/415 V AC</div>  | 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                |
| <div>2P, 415 V AC</div>     | 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                 |
| <div>3P, 415 V AC</div>    | 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                 |
| <div>4P, 415 V AC</div>    | 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



## 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<br>I <sub>n</sub> (A) | MW# |                 | Characteristic C | Characteristic D |              | Characterestic<br>C, DC | Std.<br>Pkg.<br>(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



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- Compact Design
- Low Watt Losses

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# SIEMENS



# HRC fuses (DIN) 3NA

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- 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 <sup>®</sup> ₹ | Std. pkg.** (nos.) |
|------|-------------------|------------|-------------------------|--------------------|
| 000  | 2                 | 3NA78020RC | 820.-                   | 1/6                |
|      | 4                 | 3NA78040RC | 820.-                   | 1/6                |
|      | 6                 | 3NA78010RC | 820.-                   | 1/6                |
|      | 10                | 3NA78030RC | 820.-                   | 1/6                |
|      | 16                | 3NA78050RC | 830.-                   | 1/6                |
|      | 20                | 3NA78070RC | 830.-                   | 1/6                |
|      | 25                | 3NA78100RC | 830.-                   | 1/6                |
|      | 32                | 3NA78120RC | 830.-                   | 1/6                |
|      | 40                | 3NA78170RC | 865.-                   | 1/6                |
|      | 50                | 3NA78200RC | 865.-                   | 1/6                |
|      | 63                | 3NA78220RC | 965.-                   | 1/6                |
|      | 80                | 3NA78240RC | 1065.-                  | 1/6                |
| 00   | 100               | 3NA78300RC | 1065.-                  | 1/6                |
|      | 125               | 3NA78320RC | 1270.-                  | 1/6                |
|      | 160               | 3NA78360RC | 1345.-                  | 1/6                |
|      | 50                | 3NA71200RC | 1835.-                  | 1/3                |
|      | 63                | 3NA71220RC | 1835.-                  | 1/3                |
|      | 80                | 3NA71240RC | 1835.-                  | 1/3                |
| 1    | 100               | 3NA71300RC | 1835.-                  | 1/3                |
|      | 125               | 3NA71320RC | 1920.-                  | 1/3                |
|      | 160               | 3NA71360RC | 1970.-                  | 1/3                |
|      | 200               | 3NA71400RC | 1970.-                  | 1/3                |
|      | 224               | 3NA71420RC | 2060.-                  | 1/3                |
|      | 250               | 3NA71440RC | 2220.-                  | 1/3                |
|      | 200               | 3NA72400RC | 2725.-                  | 1/3                |
|      | 250               | 3NA72440RC | 2835.-                  | 1/3                |
| 2    | 315               | 3NA72520RC | 2940.-                  | 1/3                |
|      | 400*              | 3NA72600RC | 2940.-                  | 1/3                |
|      | 315               | 3NA33520RC | 4180.-                  | 1/3                |
| 3    | 400               | 3NA33600RC | 4180.-                  | 1/3                |
|      | 500               | 3NA33650RC | 4670.-                  | 1/3                |
|      | 630               | 3NA33720RC | 4785.-                  | 1/3                |
|      | 800*              | 3NA33754RC | 5825.-                  | 1/3                |

\* 400A (Size II) and 800A are rated at 415V AC

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

| Size | Rated current (A) | Type       | Unit MRP <sup>®</sup> ₹ | Std. pkg.** (nos.) |
|------|-------------------|------------|-------------------------|--------------------|
| 00   | 40                | 3NA78176RC | 1180.-                  | 1/6                |
|      | 50                | 3NA78206RC | 1180.-                  | 1/6                |
|      | 63                | 3NA78226RC | 1270.-                  | 1/6                |
|      | 80                | 3NA78246RC | 1345.-                  | 1/6                |
|      | 100               | 3NA78306RC | 1345.-                  | 1/6                |
| 1    | 125               | 3NA71326RC | 2360.-                  | 1/3                |
|      | 160               | 3NA71366RC | 2445.-                  | 1/3                |
|      | 200               | 3NA71406RC | 2445.-                  | 1/3                |
| 2    | 250               | 3NA72446RC | 3235.-                  | 1/3                |
|      | 315               | 3NA72526RC | 3485.-                  | 1/3                |
| 3    | 400               | 3NA33606RC | 5185.-                  | 1/3                |
|      | 425               | 3NA33626RC | 5185.-                  | 1/3                |
|      | 500               | 3NA33656RC | 5545.-                  | 1/3                |

## Isolating links (DIN)

| Size | Rated current (A) | Type      | Unit MRP <sup>®</sup> ₹ | Std. pkg.** (nos.) |
|------|-------------------|-----------|-------------------------|--------------------|
| 00   | 160               | ■ 3NG1000 | 930.-                   | 1                  |
| 1    | 250               | ■ 3NG1250 | 1410.-                  | 1                  |
| 2    | 400               | ■ 3NG1300 | 2285.-                  | 1                  |
| 3    | 630               | ■ 3NG1400 | 2370.-                  | 1                  |



## Fuse bases (DIN)

| Size   | Rated current (A) | Suitable for fuse link type | Type                     | Unit MRP <sup>®</sup> ₹ | Std. pkg.** (nos.) |
|--------|-------------------|-----------------------------|--------------------------|-------------------------|--------------------|
| 00/000 | 160               | 3NA7 8                      | ■ 3NH3030-0RC (Screw-in) | 1150.-                  | 1/10               |
| 00/000 | 160               | 3NA7 8                      | ■ 3NH3032-0RC (Plug in)  | 1235.-                  | 1/10               |
| 1      | 250               | 3NA7 1                      | ■ 3NH3230-0RC            | 2310.-                  | 1/5                |
| 2      | 400               | 3NA7 2                      | ■ 3NH3330-0RC            | 3270.-                  | 1/5                |
| 3      | 630               | 3NA3 3                      | ■ 3NH3430-0RC            | 4715.-                  | 1/5                |
| 3      | 800               | 3NA3 3                      | ■ 3NH3430-4RC            | 5585.-                  | 1/5                |



## Fuse puller

| Description                                                   | Type      | Unit MRP <sup>®</sup> ₹ | Std. pkg.** (nos.) |
|---------------------------------------------------------------|-----------|-------------------------|--------------------|
| Suitable for 3KL8 and all sizes of fuse links/isolating links | ■ 3NX1011 | 5550.-                  | 1                  |
| Suitable only for fuse links and isolating links              | 3NX1010   | 2315.-                  | 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 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

Safe  
Complies with  
IEC standards



Ease of  
Maintenance  
Retrofitting at  
site



Reliable  
Siemens trusted  
quality



RoHS  
Complies to  
RoHS directives



SIEMENS

# 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 | 1835.-     | 3                |
|       |          | 63A           | 500 V         | 3NA61220RC | 1835.-     | 3                |
|       |          | 80A           | 500 V         | 3NA61240RC | 1835.-     | 3                |
|       |          | 100A          | 500 V         | 3NA61300RC | 1835.-     | 3                |
|       |          | 125A          | 500 V         | 3NA61320RC | 1920.-     | 3                |
|       |          | 160A          | 500 V         | 3NA61360RC | 1970.-     | 3                |
|       |          | 200A          | 500 V         | 3NA61400RC | 1970.-     | 3                |
|       |          | 224A          | 500 V         | 3NA61420RC | 2060.-     | 3                |
|       |          | 250A          | 500 V         | 3NA61440RC | 2220.-     | 3                |
|       | 2        | 200A          | 500 V         | 3NA62400RC | 2725.-     | 3                |
|       |          | 250A          | 500 V         | 3NA62440RC | 2835.-     | 3                |
|       |          | 315A          | 500 V         | 3NA62520RC | 2940.-     | 3                |
|       |          | 400A          | 500 V         | 3NA62600RC | 2940.-     | 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](http://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                 | ■ 3NWN52  | 310.-       | 20                 |
| 4                 | ■ 3NWN54  | 310.-       | 20                 |
| 6                 | ■ 3NWN56  | 310.-       | 20                 |
| 10                | ■ 3NWN510 | 310.-       | 20                 |
| 16                | ■ 3NWN516 | 310.-       | 20                 |
| 20                | ■ 3NWN520 | 365.-       | 20                 |
| 25                | ■ 3NWN525 | 365.-       | 20                 |
| 32                | ■ 3NWN532 | 365.-       | 20                 |

## Offset tag

| Rated current (A) | Type        | Unit MRP* ₹ | Std. pkg.** (nos.) |
|-------------------|-------------|-------------|--------------------|
| 2                 | 3NWTIA2     | 440.-       | 20                 |
| 4                 | 3NWTIA4     | 440.-       | 20                 |
| 6                 | 3NWTIA6     | 440.-       | 20                 |
| 10                | ■ 3NWTIA10  | 495.-       | 20                 |
| 16                | ■ 3NWTIA16  | 495.-       | 20                 |
| 20                | ■ 3NWTIA20  | 495.-       | 20                 |
| 25                | ■ 3NWTIA25  | 495.-       | 20                 |
| 32                | ■ 3NWTIA32  | 495.-       | 20                 |
| 40                | 3NWTIS40    | 675.-       | 20                 |
| 50                | ■ 3NWTIS50  | 675.-       | 20                 |
| 63                | ■ 3NWTIS63  | 675.-       | 20                 |
| 80                | 3NWTCP80    | 1735.-      | 10                 |
| 100               | ■ 3NWTCP100 | 1735.-      | 10                 |
| 125               | 3NWTFP125   | 3515.-      | 5                  |
| 160               | 3NWTFP160   | 3515.-      | 5                  |
| 200               | 3NWTFP200   | 3515.-      | 5                  |

## Central tag

| Rated current (A) | Type    | Unit MRP* ₹ | Std. pkg.** (nos.) |
|-------------------|---------|-------------|--------------------|
| 80                | 3NWT80  | 1870.-      | 10                 |
| 100               | 3NWT100 | 1870.-      | 10                 |
| 125               | 3NWT125 | 3850.-      | 5                  |
| 160               | 3NWT160 | 3850.-      | 5                  |
| 200               | 3NWT200 | 3850.-      | 5                  |
| 250               | 3NWT250 | 5320.-      | 1                  |
| 315               | 3NWT315 | 5320.-      | 1                  |
| 355               | 3NWT355 | 6195.-      | 1                  |
| 400               | 3NWT400 | 6195.-      | 1                  |
| 500               | 3NWT500 | 9735.-      | 1                  |
| 630               | 3NWT630 | 11855.-     | 1                  |
| 710               | 3NWT710 | 13545.-     | 1                  |
| 800               | 3NWT800 | 13545.-     | 1                  |

## Offset tag

| Rated current (A) | Type       | Unit MRP* ₹ | Std. pkg.** (nos.) |
|-------------------|------------|-------------|--------------------|
| 6                 | 3NWTSA6    | 365.-       | 20                 |
| 10                | 3NWTSA10   | 365.-       | 20                 |
| 16                | 3NWTSA16   | 365.-       | 20                 |
| 20                | 3NWTSA20   | 365.-       | 20                 |
| 25                | 3NWTSA25   | 365.-       | 20                 |
| 32                | 3NWTSA32   | 365.-       | 20                 |
| 36                | 3NWTSS36   | 730.-       | 20                 |
| 40                | 3NWTSS40   | 730.-       | 20                 |
| 50                | 3NWTSS50   | 730.-       | 20                 |
| 63                | 3NWTSS63   | 730.-       | 20                 |
| 80                | 3NWTSDS80  | 1370.-      | 20                 |
| 100               | 3NWTSDS100 | 1370.-      | 20                 |
| 125               | 3NWTSP125  | 1720.-      | 5                  |
| 160               | 3NWTSP160  | 1875.-      | 5                  |
| 200               | 3NWTSP200  | 1720.-      | 5                  |

## Central tag

| Rated current (A) | Type       | Unit MRP* ₹ | Std. pkg.** (nos.) |
|-------------------|------------|-------------|--------------------|
| 80                | 3NWTSDC80  | 1665.-      | 10                 |
| 100               | 3NWTSDC100 | 1665.-      | 10                 |
| 125               | 3NWTSF125  | 1735.-      | 5                  |
| 160               | 3NWTSF160  | 1735.-      | 5                  |
| 200               | 3NWTSF200  | 1735.-      | 5                  |
| 250               | 3NWTST250  | 4165.-      | 1                  |
| 315               | 3NWTST315  | 4165.-      | 1                  |
| 355               | 3NWTST355  | 6955.-      | 1                  |
| 400               | 3NWTST400  | 6955.-      | 1                  |
| 450               | 3NWTST450  | 5770.-      | 1                  |
| 500               | 3NWTST500  | 5770.-      | 1                  |
| 560               | 3NWTST560  | 11010.-     | 1                  |
| 630               | 3NWTST630  | 9340.-      | 1                  |
| 800               | 3NWTST800  | 13485.-     | 1                  |

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

| Rated current (A) | Type       | Unit MRP* ₹ | Std. pkg.** (nos.) |
|-------------------|------------|-------------|--------------------|
| 32                | 3NWTM32F9  | 7180.-      | 10                 |
| 63                | 3NWTM63F9  | 8425.-      | 10                 |
| 100               | 3NWTM100F9 | 9300.-      | 10                 |

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

| Rated current (A) | Type        | Unit MRP* ₹ | Std. pkg.** (nos.) |
|-------------------|-------------|-------------|--------------------|
| 20                | ■ 3NWT20NSF | 525.-       | 10                 |
| 32                | ■ 3NWT32NSF | 660.-       | 10                 |
| 32A (Iso. Link)   | ■ 3NWT32NSL | 290.-       | 10                 |

\*\* 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

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        | 6965.-     | 3                  |
|                   | 40                | 3NE4102 | gR                   | 0        | 6995.-     | 3                  |
|                   | 50                | 3NE4117 | gR                   | 0        | 7335.-     | 3                  |
|                   | 80                | 3NE4120 | aR                   | 0        | 7940.-     | 3                  |
|                   | 100               | 3NE4121 | aR                   | 0        | 8695.-     | 3                  |
|                   | 125               | 3NE4122 | aR                   | 0        | 9340.-     | 3                  |
|                   | 160               | 3NE4124 | aR                   | 0        | 10295.-    | 3                  |

| Rated voltage (V) | Rated current (A) | Type     | Utilization category | DIN size | Unit LP* ₹ | Std. pkg.** (nos.) |
|-------------------|-------------------|----------|----------------------|----------|------------|--------------------|
| 800               | 250               | 3NE43276 | aR                   | —        | 15090.-    | 1                  |
|                   | 315               | 3NE43306 | aR                   | —        | 15585.-    | 1                  |
|                   | 450               | 3NE43336 | aR                   | —        | 16285.-    | 1                  |
|                   | 500               | 3NE43346 | aR                   | —        | 16415.-    | 1                  |
|                   | 710               | 3NE43376 | aR                   | —        | 18355.-    | 1                  |

## 3NE8 type<sup>1)</sup> 690 V AC

| Rated current (A) | Type     | Utilization category | Size | Unit LP* ₹ | Std. pkg.** (nos.) |
|-------------------|----------|----------------------|------|------------|--------------------|
| 25                | 3NE80151 | gR                   | 00   | 14785.-    | 3                  |
| 35                | 3NE80031 | gR                   | 00   | 14785.-    | 3                  |
| 50                | 3NE80171 | gR                   | 00   | 14785.-    | 3                  |
| 63                | 3NE80181 | gR                   | 00   | 14785.-    | 3                  |
| 80                | 3NE80201 | aR                   | 00   | 16395.-    | 3                  |
| 100               | 3NE80211 | aR                   | 00   | 17160.-    | 3                  |
| 125               | 3NE80221 | aR                   | 00   | 17420.-    | 3                  |
| 160               | 3NE80241 | aR                   | 00   | 19125.-    | 3                  |
| 200               | 3NE12252 | gR                   | 1    | 48355.-    | 3                  |
| 250               | 3NE12272 | gR                   | 1    | 49990.-    | 3                  |
| 315               | 3NE12302 | gR                   | 1    | 51710.-    | 3                  |
| 350               | 3NE13312 | gR                   | 2    | 68445.-    | 3                  |
| 400               | 3NE13322 | gR                   | 2    | 87910.-    | 3                  |
| 450               | 3NE13332 | gR                   | 2    | 73550.-    | 3                  |
| 500               | 3NE13342 | gR                   | 2    | 76435.-    | 3                  |
| 560               | 3NE14352 | gR                   | 3    | 94985.-    | 3                  |
| 630               | 3NE14362 | gR                   | 3    | 98545.-    | 3                  |
| 670               | 3NE14472 | gR                   | 3    | 100710.-   | 3                  |
| 710               | 3NE14372 | gR                   | 3    | 105015.-   | 3                  |
| 800               | 3NE14382 | gR                   | 3    | 112845.-   | 3                  |
| 850               | 3NE14482 | gR                   | 3    | 122835.-   | 3                  |

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

<sup>1)</sup> 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                   | —    | 82490.-    | 3                  |
| 1250              | 3NE9450  | aR                   | —    | 77745.-    | 3                  |

## 3NE1 type<sup>1)</sup> 690 V AC

| Rated current (A) | Type     | Utilization category | DIN Size | Unit LP* ₹ | Std. pkg.** (nos.) |
|-------------------|----------|----------------------|----------|------------|--------------------|
| 16                | 3NE18130 | gS                   | 000      | 17420.-    | 3                  |
| 20                | 3NE18140 | gS                   | 000      | 17420.-    | 3                  |
| 25                | 3NE18150 | gS                   | 000      | 17420.-    | 3                  |
| 35                | 3NE18030 | gS                   | 000      | 17420.-    | 3                  |
| 40                | 3NE18020 | gS                   | 000      | 17420.-    | 3                  |
| 50                | 3NE18170 | gS                   | 000      | 17420.-    | 3                  |
| 63                | 3NE18180 | gS                   | 000      | 17420.-    | 3                  |
| 80                | 3NE18200 | gS                   | 000      | 17420.-    | 3                  |
| 100               | 3NE10210 | gS                   | 00       | 22485.-    | 3                  |
| 125               | 3NE10220 | gS                   | 00       | 22485.-    | 3                  |
| 160               | 3NE12240 | gS                   | 1        | 53150.-    | 3                  |
| 200               | 3NE12250 | gS                   | 1        | 53150.-    | 3                  |
| 250               | 3NE12270 | gS                   | 1        | 55810.-    | 3                  |
| 315               | 3NE12300 | gS                   | 1        | 59850.-    | 3                  |
| 350               | 3NE13310 | gS                   | 2        | 74320.-    | 3                  |
| 400               | 3NE13320 | gS                   | 2        | 74960.-    | 3                  |
| 450               | 3NE13330 | gS                   | 2        | 75440.-    | 3                  |
| 500               | 3NE13340 | gS                   | 2        | 76550.-    | 3                  |
| 560               | 3NE14350 | gS                   | 3        | 76990.-    | 3                  |
| 630               | 3NE14360 | gS                   | 3        | 80310.-    | 3                  |
| 710               | 3NE14370 | gS                   | 3        | 85700.-    | 3                  |
| 800               | 3NE14380 | gS                   | 3        | 97850.-    | 3                  |

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

| Rated current (A) | Type     | Utilization category | Size | Unit LP* ₹ | Std. pkg.** (nos.) |
|-------------------|----------|----------------------|------|------------|--------------------|
| 20                | 3NE87141 | gR                   | 000  | 15705.-    | 10                 |
| 25                | 3NE87151 | gR                   | 000  | 15705.-    | 10                 |
| 32                | 3NE87011 | gR                   | 000  | 15705.-    | 10                 |
| 40                | 3NE87021 | gR                   | 000  | 15705.-    | 10                 |
| 50                | 3NE87171 | gR                   | 000  | 16185.-    | 10                 |
| 63                | 3NE87181 | aR                   | 000  | 16185.-    | 10                 |
| 80                | 3NE87201 | aR                   | 000  | 16975.-    | 10                 |
| 100               | 3NE87211 | aR                   | 000  | 16975.-    | 10                 |
| 125               | 3NE87221 | aR                   | 000  | 15095.-    | 10                 |
| 160               | 3NE87241 | aR                   | 000  | 17620.-    | 10                 |
| 200               | 3NE87251 | aR                   | 000  | 18010.-    | 10                 |
| 250               | 3NE87271 | aR                   | 000  | 19555.-    | 10                 |
| 315               | 3NE87311 | aR                   | 000  | 25710.-    | 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        | 39575.-    | 3                  |
| 125               | 3NE3222   | aR                   | 1        | 40730.-    | 3                  |
| 160               | 3NE3224   | aR                   | 1        | 40730.-    | 3                  |
| 200               | 3NE3225   | aR                   | 1        | 44820.-    | 3                  |
| 250               | 3NE3227   | aR                   | 1        | 46000.-    | 3                  |
| 315               | 3NE32300B | aR                   | 1        | 47900.-    | 3                  |
| 350               | 3NE3231   | aR                   | 1        | 56870.-    | 3                  |
| 400               | 3NE32320B | aR                   | 1        | 60910.-    | 3                  |
| 450               | 3NE3233   | aR                   | 1        | 63090.-    | 3                  |
| 400               | 3NE33320B | aR                   | 2        | 61495.-    | 3                  |
| 450               | 3NE3333   | aR                   | 2        | 64765.-    | 3                  |
| 500               | 3NE33340B | aR                   | 2        | 65975.-    | 3                  |
| 560               | 3NE3335   | aR                   | 2        | 68470.-    | 3                  |
| 630               | 3NE3336   | aR                   | 2        | 71730.-    | 3                  |
| 710 <sup>^</sup>  | 3NE33378  | aR                   | 2        | 98240.-    | 3                  |
| 800 <sup>^</sup>  | 3NE33388  | aR                   | 2        | 100955.-   | 3                  |
| 900 <sup>^</sup>  | 3NE33408  | aR                   | 2        | 120260.-   | 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                |

<sup>^</sup> 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        | 91015.-    | 3                  |
| 200               | 3NC84253C | gR                   | 3        | 63510.-    | 3                  |
| 250               | 3NC84273C | gR                   | 3        | 72610.-    | 3                  |
| 350               | 3NC84313C | gR                   | 3        | 74870.-    | 3                  |
| 500               | 3NC84343C | gR                   | 3        | 80910.-    | 3                  |
| 1000 <sup>#</sup> | 3NC84443C | aR                   | 3        | 147030.-   | 3                  |

<sup>#</sup> 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        | 116230.-   | 2                  |
| 224               | 3NE54260C | aR                   | 3        | 127155.-   | 2                  |
| 250               | 3NE56270C | aR                   | 3        | 117950.-   | 3                  |
| 315               | 3NE54300C | aR                   | 3        | 121460.-   | 2                  |
| 350               | 3NE54310C | aR                   | 3        | 133325.-   | 2                  |
| 450               | 3NE56330C | aR                   | 3        | 132380.-   | 3                  |
| 600               | 3NE56430C | aR                   | 3        | 157520.-   | 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 <sub>n</sub> (A) | U <sub>n</sub> (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                                                         | 315                | 690                          | M8               | 3NH5023 |            | 1/3              |
|            | 3NE80...3MK                                                          | 400                | 690                          | M10              | 3NH5323 |            |                  |
|            | 3NC32...1U, 3NE82...3MK                                              | 1600               | 690                          | M10              | 3NH5423 |            |                  |
| 110        | 3NC24, 3NC33...1U, 3NC34...1U, 3NC84, 3NE1...-3, 3NE32, 3NE33, 3NE34 | 1250               | 1250                         | M10              | 3NH5463 | POR        | 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 | 1310.-     | 1/10               |
| 1A                |         |             | 3NW60111 | 1310.-     | 1/10               |
| 2A                |         |             | 3NW60021 | 1310.-     | 1/10               |
| 4A                |         |             | 3NW60041 | 1310.-     | 1/10               |
| 6A                |         |             | 3NW60011 | 1310.-     | 1/10               |
| 8A                |         |             | 3NW60081 | 1310.-     | 1/10               |
| 10A               |         |             | 3NW60031 | 1310.-     | 1/10               |
| 12A               |         |             | 3NW60061 | 1310.-     | 1/10               |
| 16A               |         |             | 3NW60051 | 1310.-     | 1/20               |
| 20A               |         |             | 3NW60071 | 1310.-     | 1/20               |
| 25A               |         |             | 3NW60101 | 1310.-     | 1/20               |
| 32A               |         |             | 3NW60121 | 1310.-     | 1/20               |
|                   |         | 400         |          |            |                    |

## Cylindrical Fuse, Size 14 x 51

| Rated Current (A) | Size    | Voltage (V) | Type     | Unit LP* ₹ | Std. pkg.** (nos.) |
|-------------------|---------|-------------|----------|------------|--------------------|
| 4A                | 14 x 51 | 690         | 3NW61041 | 1450.-     | 1/10               |
| 6A                |         |             | 3NW61011 | 1450.-     | 1/10               |
| 8A                |         |             | 3NW61081 | 1450.-     | 1/10               |
| 10A               |         |             | 3NW61031 | 1450.-     | 1/10               |
| 12A               |         |             | 3NW61061 | 1450.-     | 1/10               |
| 16A               |         |             | 3NW61051 | 1450.-     | 1/10               |
| 20A               |         |             | 3NW61071 | 1450.-     | 1/10               |
| 25A               |         |             | 3NW61101 | 1450.-     | 1/10               |
| 32A               |         |             | 3NW61121 | 1730.-     | 1/10               |
| 40A               |         | 500         | 3NW61171 | 1730.-     | 1/10               |
| 50A               |         |             | 3NW61201 | 1730.-     | 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 | 2540.-     | 1/10               |
| 20A               |         |             | 3NW62071 | 2540.-     | 1/10               |
| 25A               |         |             | 3NW62101 | 2540.-     | 1/10               |
| 32A               |         |             | 3NW62121 | 2540.-     | 1/10               |
| 40A               |         |             | 3NW62171 | 2790.-     | 1/10               |
| 50A               |         |             | 3NW62201 | 2790.-     | 1/10               |
| 63A               |         | 500         | 3NW62221 | 2790.-     | 1/10               |
| 80A               |         |             | 3NW62241 | 2790.-     | 1/10               |
| 100A              |         |             | 3NW62301 | 3085.-     | 1/10               |



## Cylindrical Fuse holders

| No of Poles | Size    | Rating (A) | MW  | Type     | Unit LP* ₹ | Std. pkg.** (nos.) |
|-------------|---------|------------|-----|----------|------------|--------------------|
| 1P          | 10 x 38 | 32A        | 1   | 3NW70132 | 2340.-     | 1/1                |
|             | 14 x 51 | 50A        | 1.5 | 3NW7111  | 7425.-     | 1/1                |
|             | 22 x 58 | 100A       | 2   | 3NW7211  | 12135.-    | 1/1                |
| 1+N         | 10 x 38 | 32A        | 1   | 3NW70532 | 4780.-     | 1/1                |
|             | 14 x 51 | 50A        | 3   | 3NW7151  | 15375.-    | 1/1                |
|             | 22 x 58 | 100A       | 4   | 3NW7251  | 24880.-    | 1/1                |
| 2P          | 10 x 38 | 32A        | 2   | 3NW70232 | 4685.-     | 1/1                |
|             | 14 x 51 | 50A        | 3   | 3NW7121  | 14795.-    | 1/1                |
|             | 22 x 58 | 100A       | 4   | 3NW7221  | 20945.-    | 1/1                |
| 3P          | 10 x 38 | 32A        | 3   | 3NW70332 | 7040.-     | 1/1                |
|             | 14 x 51 | 50A        | 4.5 | 3NW7131  | 22165.-    | 1/1                |
|             | 22 x 58 | 100A       | 6   | 3NW7231  | 31240.-    | 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,<br>3ph, 50/60<br>Hz | Rated<br>current IL<br>(A) | Breaking<br>Capacity Iq | Circuit Breaker    |                         | Contactor |     | Bi-relay         |           |
|------------------------------|----------------------------|-------------------------|--------------------|-------------------------|-----------|-----|------------------|-----------|
|                              |                            |                         | MCCB               | Rated current<br>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,<br>3ph,<br>50/60 Hz | Rated<br>current<br>IL (A) | Phase<br>Current<br>Iph (A) | Breaking<br>Capacity<br>Iq | Circuit Breaker    |                         | Contactor<br>(Line/Delta) |     | Contactor (Star) |     | Bi-relay         |              |
|------------------------------|----------------------------|-----------------------------|----------------------------|--------------------|-------------------------|---------------------------|-----|------------------|-----|------------------|--------------|
|                              |                            |                             |                            | MCCB               | Rated current<br>In (A) | Type                      | Amp | Type             | Amp | Type             | Range<br>(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 + Bi-relay mentioned below.
- In case this combination is changed to accommodate another brand / rating of MCCB / contactor / bi-relay, 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  $\leq 6$  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,<br>3ph,<br>50/60 Hz | Rated<br>current<br>IL (A) | Breaking<br>Capacity Iq | Circuit Breaker    |                            | Contactor |            | Bi-relay         |           |
|------------------------------|----------------------------|-------------------------|--------------------|----------------------------|-----------|------------|------------------|-----------|
|                              |                            |                         | MCCB               | Rated<br>current In<br>(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,<br>3ph,<br>50/60 Hz | Rated<br>current<br>IL (A) | Phase<br>Current<br>Iph (A) | Breaking<br>Capacity<br>Iq | Circuit Breaker    |                            | Contactor (Line/<br>Delta) |               | Contactor (Star) |               | Bi-relay         |              |
|------------------------------|----------------------------|-----------------------------|----------------------------|--------------------|----------------------------|----------------------------|---------------|------------------|---------------|------------------|--------------|
|                              |                            |                             |                            | MCCB               | Rated<br>current In<br>(A) | Type                       | Rating<br>(A) | Type             | Rating<br>(A) | Type             | Range<br>(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 + Bi-relay (+ 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 Disconnecter 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 <sub>L</sub> 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 <sub>L</sub> 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 + Bi-relay (+ 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 <sub>L</sub> 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      | 3UA5000-1B   | 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 <sub>L</sub> Amp. | I <sub>ph</sub> 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 <sub>e</sub><br>@690V 50Hz | SDF suitable for DIN type<br>HRC fuses | Unit MRP*<br>₹ | SDF suitable for BS type<br>HRC fuses | Unit MRP*<br>₹ | SDF suitable for Cylindrical<br>type HRC fuses | Unit MRP*<br>₹ | Std. pkg.<br>(nos.) |
|--------------------------------------------|----------------------------------------|----------------|---------------------------------------|----------------|------------------------------------------------|----------------|---------------------|
| 20A                                        | 3KL8111-3TA00                          | 8440.-         | 3KL8111-3TJ00                         | 8175.-         | 3KL8111-3TC00                                  | 8305.-         | 1                   |
| 32A                                        | 3KL8121-3TA00                          | 8640.-         | 3KL8121-3TJ00                         | 8450.-         | 3KL8121-3TC00                                  | 8575.-         | 1                   |
| 63A                                        | 3KL8151-3TA00                          | 12205.-        | 3KL8151-3TJ00                         | 11815.-        | 3KL8151-3TC00                                  | 11915.-        | 1                   |
| 100A                                       | 3KL8211-3TA00                          | 24390.-        | 3KL8211-3TJ00                         | 23935.-        |                                                |                | 1                   |
| 125A                                       | 3KL8221-3TA00                          | 31885.-        | 3KL8221-3TJ00                         | 31470.-        |                                                |                | 1                   |
| 160A <sup>\$</sup>                         | 3KL8231-3TA00                          | 34815.-        | 3KL8231-3TJ00                         | 34315.-        |                                                |                | 1                   |
| 200A                                       | 3KL8311-3UA00                          | 44470.-        | 3KL8311-3UJ00                         | 43040.-        |                                                |                | 1                   |
| 250A                                       | 3KL8321-3UA00                          | 52280.-        | 3KL8321-3UJ00                         | 53210.-        |                                                |                | 1                   |
| 315A                                       | 3KL8331-3UA00                          | 64630.-        | 3KL8331-3UJ00                         | 62950.-        |                                                |                | 1                   |
| 400A <sup>\$</sup>                         | 3KL8341-3UA00                          | 77870.-        | 3KL8341-3UJ00                         | 79030.-        |                                                |                | 1                   |
| 500A                                       | 3KL8411-3UA00                          | 121825.-       | 3KL8411-3UJ00                         | 117165.-       |                                                |                | 1                   |
| 630A                                       | 3KL8421-3UA00                          | 125160.-       | 3KL8421-3UJ00                         | 121410.-       |                                                |                | 1                   |
| 800A <sup>\$</sup>                         | 3KL8431-3UA00                          | 135585.-       | 3KL8431-3UJ00                         | 131580.-       |                                                |                | 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<br>3KA81 51 | Unit MRP*<br>₹ | 3KL82 11/21/31<br>3KA82 11/21/31 | Unit MRP*<br>₹ | 3KL83 11/21/31/41<br>3KA83 11/21/41/51 | Unit MRP*<br>₹ | 3KL84 11/21/31<br>3KA84 3/4/5/6 | Unit MRP*<br>₹ | Std. pkg.<br>(nos.) |
|-------------------------------|----------------------------|----------------|----------------------------------|----------------|----------------------------------------|----------------|---------------------------------|----------------|---------------------|
| Fuse Cover                    | 3KX8150-0AC                | 985.-          | 3KX8230-0AC                      | 1410.-         | 3KX8340-0AC                            | 2070.-         | 3KX8430-0AC                     | 2935.-         | 1                   |
| Terminal Cover (1 set)        | –                          | –              | 3KX8231-0AC                      | 1200.-         | 3KX8341-0AC                            | 2255.-         | 3KX8431-0AC                     | 2645.-         | 1                   |
| Isolable Neutral cover        | –                          | –              | 3KX8232-0AC                      | 595.-          | –                                      | –              | –                               | –              | 1                   |
| Phase Barrier <sup>\$\$</sup> | 3KX8153-0AC                | 395.-          | 3KX8233-0AC                      | 395.-          | 3KX8343-0AC                            | 575.-          | 3KX8433-0AC                     | 745.-          | 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 |

### Control switches 3ST

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

| Description     | Type              |
|-----------------|-------------------|
| 3VL MCCBs       | 3VL1 - 3VL8       |
| 3VL Accessories | 3VL9..., 13VL9... |

### Motor control switches 3LA0

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

### 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.<br>(nos.) |
|---------------|-------------------------------------|-----------------------------------|--------------------|
| Key interlock | 3KX3588-1YP(.)#                     | 3KX3588-1YP(.)#                   | 1                  |

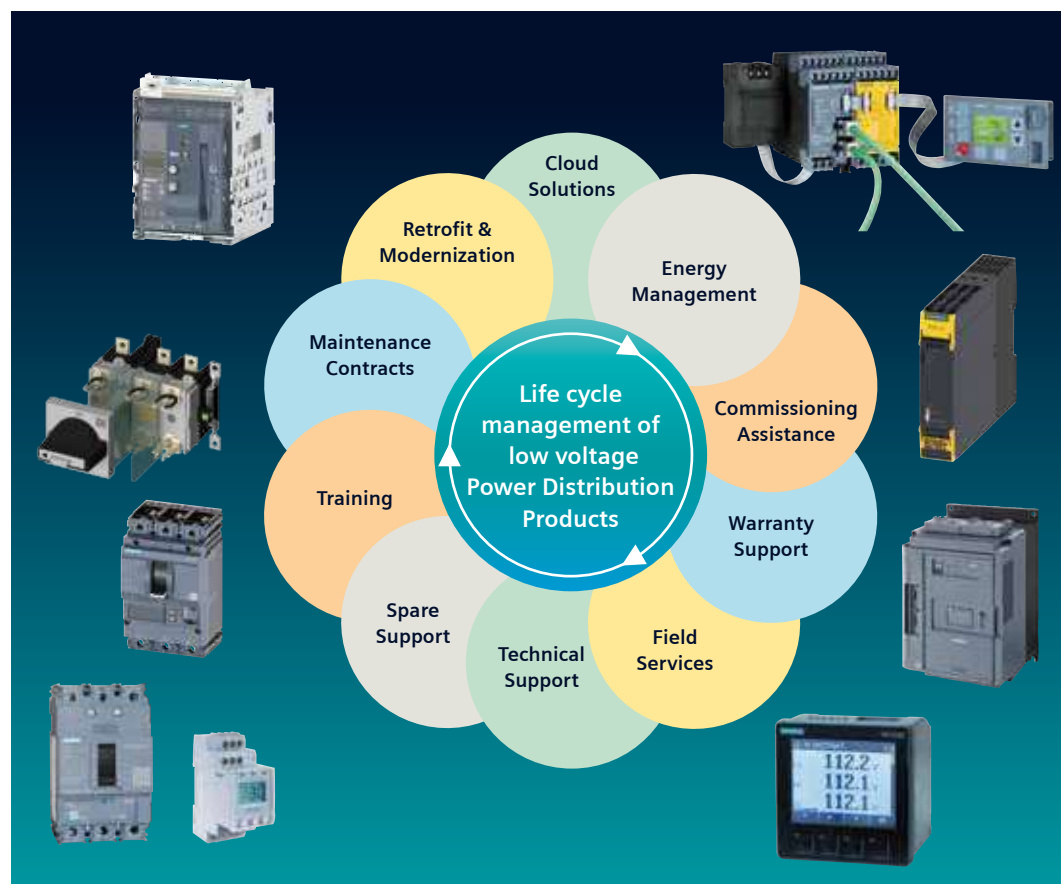
# Type of keys are Type A - F depending on the last digit (.) to be replaced by letters A - F.

## One point contact for your service needs

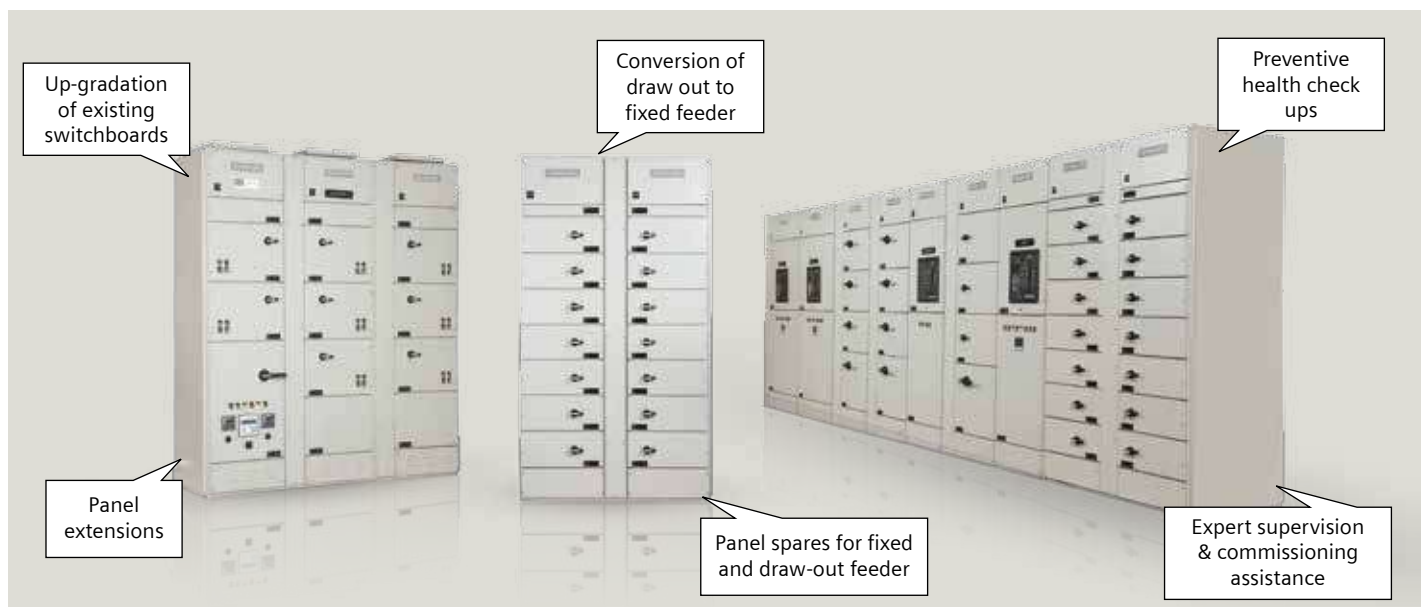
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We offer structured services, designed to give you valuable support in every phase during the lifecycle of your low voltage products and panels – from warranty support to suitable retrofit solutions.

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.



## Service & spares for SIEPAN 8PU



- Annual Maintenance contract of LV Switchboards
- 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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Low Voltage Control Products valid Price List



## Terms and conditions

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.

**Export control regulation - retention clause:** The fulfillment of the agreement on Siemens part is subject to the provision that this shall not be prevented by implements on the grounds of national and international legal requirements, in particular export control provision.

### Stock items

The normal stock items (indicated by ■) are subject to change without prior notice.

### Note

- This supercedes all previous Price Lists.
- 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.

Always make your purchases only from our authorised dealers. Details available with our sales office/territory managers.





Notes

Dotted lines for notes.





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