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# SINOPLUS

Low Voltage Electrical Products

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

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# 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

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ACB: 3WJ

- 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 55kA
- Ready to close mechanism for safe operation



Standard breaking capacity, 440 VAC  $I_{cu} = I_{cs} = I_{cw(1s)}$

Microprocessor based trip unit ETU360WJ: LSING<sup>1)</sup> + Display

| Frame Size | Breaking Capacity @440V AC, 50/60Hz | Rated current In (A) |     | Withdrawable design with Guide Frame <sup>2)</sup> |            |                    |            |
|------------|-------------------------------------|----------------------|-----|----------------------------------------------------|------------|--------------------|------------|
|            |                                     |                      |     | 3 Pole #                                           | Unit LP* ₹ | 4 Pole #           | Unit LP* ₹ |
| I          | 50kA                                | 800                  | MDO | 3WJ1108-2AF52-1AA0                                 | 401065.-   | 3WJ1108-2AF62-1AA0 | 529480.-   |
|            |                                     |                      | EDO | 3WJ1108-2AF52-4DA4                                 | 516605.-   | 3WJ1108-2AF62-4DA4 | 645020.-   |
|            |                                     | 1000                 | MDO | 3WJ1110-2AF52-1AA0                                 | 412340.-   | 3WJ1110-2AF62-1AA0 | 539155.-   |
|            |                                     |                      | EDO | 3WJ1110-2AF52-4DA4                                 | 527880.-   | 3WJ1110-2AF62-4DA4 | 654695.-   |
|            |                                     | 1250                 | MDO | 3WJ1112-2AF52-1AA0                                 | 460760.-   | 3WJ1112-2AF62-1AA0 | 550920.-   |
|            |                                     |                      | EDO | 3WJ1112-2AF52-4DA4                                 | 576300.-   | 3WJ1112-2AF62-4DA4 | 666460.-   |
|            |                                     | 1600                 | MDO | 3WJ1116-2AF52-1AA0                                 | 506020.-   | 3WJ1116-2AF62-1AA0 | 615915.-   |
|            |                                     |                      | EDO | 3WJ1116-2AF52-4DA4                                 | 621560.-   | 3WJ1116-2AF62-4DA4 | 731455.-   |
| II         | 55kA                                | 2000                 | MDO | 3WJ1220-2AF52-1AA0                                 | 705775.-   | 3WJ1220-2AF62-1AA0 | 871860.-   |
|            |                                     |                      | EDO | 3WJ1220-2AF52-4DA4                                 | 821315.-   | 3WJ1220-2AF62-4DA4 | 987400.-   |
|            |                                     | 2500                 | MDO | 3WJ1225-2AF52-1AA0                                 | 801395.-   | 3WJ1225-2AF62-1AA0 | 1022670.-  |
|            |                                     |                      | EDO | 3WJ1225-2AF52-4DA4                                 | 916935.-   | 3WJ1225-2AF62-4DA4 | 1138210.-  |
|            |                                     | 3200                 | MDO | 3WJ1232-2AF52-1AA0                                 | 1031585.-  | 3WJ1232-2AF62-1AA0 | 1268935.-  |
|            |                                     |                      | EDO | 3WJ1232-2AF52-4DA4                                 | 1147125.-  | 3WJ1232-2AF62-4DA4 | 1384475.-  |
|            |                                     | 4000                 | MDO | 3WJ1240-2AF51-1AA0                                 | 1200610.-  | 3WJ1240-2AF61-1AA0 | 1524780.-  |
|            |                                     |                      | EDO | 3WJ1240-2AF51-4DA4                                 | 1316150.-  | 3WJ1240-2AF61-4DA4 | 1640320.-  |

ETU350WJ: LSI + Display

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E

Reduce

4370.-

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E

Reduce

4370.-

Microprocessor based trip unit ETU360WJ: LSING<sup>1)</sup> + Display

| Frame Size | Breaking Capacity @440V AC, 50/60Hz | Rated current In (A) |    | Fixed Mounted design <sup>3)</sup> |            |                    |            |
|------------|-------------------------------------|----------------------|----|------------------------------------|------------|--------------------|------------|
|            |                                     |                      |    | 3 Pole #                           | Unit LP* ₹ | 4 Pole #           | Unit LP* ₹ |
| I          | 50kA                                | 800                  | MF | 3WJ1108-2AF02-1AA0                 | 297850.-   | 3WJ1108-2AF12-1AA0 | 415270.-   |
|            |                                     |                      | EF | 3WJ1108-2AF02-4DA4                 | 413390.-   | 3WJ1108-2AF12-4DA4 | 530810.-   |
|            |                                     | 1000                 | MF | 3WJ1110-2AF02-1AA0                 | 303910.-   | 3WJ1110-2AF12-1AA0 | 440770.-   |
|            |                                     |                      | EF | 3WJ1110-2AF02-4DA4                 | 419450.-   | 3WJ1110-2AF12-4DA4 | 556310.-   |
|            |                                     | 1250                 | MF | 3WJ1112-2AF02-1AA0                 | 378350.-   | 3WJ1112-2AF12-1AA0 | 450480.-   |
|            |                                     |                      | EF | 3WJ1112-2AF02-4DA4                 | 493890.-   | 3WJ1112-2AF12-4DA4 | 566020.-   |
|            |                                     | 1600                 | MF | 3WJ1116-2AF02-1AA0                 | 394805.-   | 3WJ1116-2AF12-1AA0 | 493550.-   |
|            |                                     |                      | EF | 3WJ1116-2AF02-4DA4                 | 510345.-   | 3WJ1116-2AF12-4DA4 | 609090.-   |
| II         | 55kA                                | 2000                 | MF | 3WJ1220-2AF02-1AA0                 | 492095.-   | 3WJ1220-2AF12-1AA0 | 712665.-   |
|            |                                     |                      | EF | 3WJ1220-2AF02-4DA4                 | 607635.-   | 3WJ1220-2AF12-4DA4 | 828205.-   |
|            |                                     | 2500                 | MF | 3WJ1225-2AF02-1AA0                 | 557365.-   | 3WJ1225-2AF12-1AA0 | 839320.-   |
|            |                                     |                      | EF | 3WJ1225-2AF02-4DA4                 | 672905.-   | 3WJ1225-2AF12-4DA4 | 954860.-   |
|            |                                     | 3200                 | MF | 3WJ1232-2AF02-1AA0                 | 856330.-   | 3WJ1232-2AF12-1AA0 | 1057860.-  |
|            |                                     |                      | EF | 3WJ1232-2AF02-4DA4                 | 971870.-   | 3WJ1232-2AF12-4DA4 | 1173400.-  |
|            |                                     | 4000                 | MF | 3WJ1240-2AF01-1AA0                 | 1037620.-  | 3WJ1240-2AF11-1AA0 | 1434630.-  |
|            |                                     |                      | EF | 3WJ1240-2AF01-4DA4                 | 1153160.-  | 3WJ1240-2AF11-4DA4 | 1550170.-  |

ETU350WJ: LSI + Display

↑

E

Reduce

4370.-

↑

E

Reduce

4370.-

For Non-Automatic ACBs please deduct ₹ 5250/- from the LPs of the ACBs. 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 220-240VAC/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, door sealing frame, trip unit transparent cover, auxiliary contacts 2NO+ 2NC, Neutral CT (F23) in 4P ACB

<sup>3)</sup> Standard accessories included for fixed type ACB (EF/MF) = Door sealing frame, trip unit transparent cover, auxiliary contacts 2NO+2NC, Neutral CT (F23) in 4P ACB

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

Std. Pkg. = 1 unit

\* LP - List Price

## Add-on options (Factory fitted)

| Description                                                                                                           |                                                    | Unit LP* ₹ |
|-----------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|------------|
| Ready to close signal switch                                                                                          |                                                    | 7230.-     |
| Trip signal switch (Not applicable for Non-Automatic Circuit Breakers)                                                |                                                    | 7230.-     |
| Position Signal Switch (3x connected, 2x test, 1x disconnected)                                                       |                                                    | 24340.-    |
| Castell lock mounting kit <sup>1)</sup>                                                                               |                                                    | 8605.-     |
| Blocking Device for preventing opening of cubicle door in service position: for Withdrawable Breaker (Door interlock) |                                                    | 17880.-    |
| Mutual Mechanical Interlocking (Bowden wire interlocking module with 2m cable)                                        | For Fixed Circuit Breakers                         | 40110.-    |
|                                                                                                                       | For Withdrawable Circuit Breakers with guide frame | 37235.-    |

<sup>1)</sup> Locks to be ordered separately. Refer Page 8

## 3WJ Accessories & Spares

### Auxiliary Releases & Operating mechanism

| Description                                                                                  |                                     | Type          | Unit LP* ₹ |
|----------------------------------------------------------------------------------------------|-------------------------------------|---------------|------------|
| <b>Closing coil (CC) / Shunt trip (ST)</b>                                                   |                                     |               |            |
| Suitable for continuous duty                                                                 | DC 24 V                             | 3WJ9111-0AD01 | 12290.-    |
|                                                                                              | AC 110 ... 127 V / DC 110 ... 125 V | 3WJ9111-0AD05 | 12290.-    |
|                                                                                              | AC 220 ... 240 V / DC 220 ... 250 V | 3WJ9111-0AD06 | 12290.-    |
| <b>Undervoltage release (UVR)</b>                                                            |                                     |               |            |
| with Undervoltage Release (UVR), instantaneous ( $\leq 80$ ms), short delay ( $\leq 200$ ms) | DC 24 V                             | 3WJ9111-0AE01 | 14190.-    |
|                                                                                              | AC 110 ... 127 V / DC 110 ... 125 V | 3WJ9111-0AE05 | 14190.-    |
|                                                                                              | AC 220 ... 240 V / DC 220 ... 250 V | 3WJ9111-0AE06 | 14190.-    |
|                                                                                              | AC 380 ... 415 V                    | 3WJ9111-0AE07 | 14190.-    |
| with Undervoltage Release (UVR-t), adjustable 0.2 s and 3.2 s                                | AC 110 ... 127 V / DC 110 ... 125 V | 3WJ9111-0AE15 | 44465.-    |
|                                                                                              | AC 220 ... 240 V / DC 220 ... 250 V | 3WJ9111-0AE16 | 44465.-    |
|                                                                                              | AC 380 ... 415 V                    | 3WJ9111-0AE17 | 40020.-    |
| <b>Operating mechanism</b>                                                                   |                                     |               |            |
| Spring charging motor to charged the stored energy mechanism                                 | DC 24 V                             | 3WJ9111-0AF01 | 133350.-   |
|                                                                                              | AC 110 ... 127 V / DC 110 ... 125 V | 3WJ9111-0AF05 | 133350.-   |
|                                                                                              | AC 220 ... 240 V / DC 220 ... 250 V | 3WJ9111-0AF06 | 133350.-   |

### Accessories for electronic trip unit

| Description                                                 |                                                                                               |       | Type          | Unit LP* ₹ |
|-------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-------|---------------|------------|
| Sealable & lockable covers                                  |                                                                                               |       |               |            |
| Transparent cover for ETU 350/360 WJ                        |                                                                                               |       | 3WJ9111-0EM21 | 505.-      |
| Indication / operator control elements                      |                                                                                               |       |               |            |
| Ready-to-close signal switch                                |                                                                                               |       | 3WJ9111-0AH01 | 8180.-     |
| 1st trip signal switch                                      |                                                                                               |       | 3WJ9111-0AH02 | 8180.-     |
| 5 digit Mechanical Operating cycle counter                  |                                                                                               |       | 3WJ9111-0AH04 | 23190.-    |
| Position signaling switch for withdrawable circuit breakers | PSS: 6 changeover contacts; 3x connected position, 2x test position, 1x disconnected position |       | 3WJ9111-0AH11 | 27780.-    |
| Auxiliary Switch                                            | 2 NO and 2 NC contacts                                                                        | S1/S2 | 3WJ9111-0AG01 | 6880.-     |
|                                                             | 3 NO and 1 NC contacts                                                                        | S3/S4 | 3WJ9111-0AG02 | 6880.-     |
|                                                             | 4 NO Contacts                                                                                 | S3/S4 | 3WJ9111-0AG03 | 6880.-     |
|                                                             | 2 NO and 2 NC contacts                                                                        | S3/S4 | 3WJ9111-0AG04 | 6880.-     |
| External current sensors for N-conductor                    |                                                                                               |       |               |            |
| without copper connectors                                   | FS I                                                                                          |       | 3WJ9111-0AA21 | 45295.-    |
|                                                             | FS II                                                                                         |       | 3WJ9111-0AA22 | 55055.-    |
| with copper connectors                                      | FS I                                                                                          |       | 3WJ9111-0AA31 | 49715.-    |
|                                                             | FS II                                                                                         |       | 3WJ9111-0AA32 | 57055.-    |

Std. Pkg. = 1 unit

\* LP - List Price

3WJ Accessories & Spares (Contd.)

| Description                                                                                                                                    |                                                                                       | Type           | Unit LP* ₹ |
|------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------------|------------|
| Other operating / mounting accessories                                                                                                         |                                                                                       |                |            |
| Door sealing frame                                                                                                                             | IP 41                                                                                 | 3WJ9111-0AP01  | 5405.-     |
| Protective cover                                                                                                                               | IP 55                                                                                 | 3WJ9111-0AP03  | POR        |
| Crank handle (to be ordered separately)                                                                                                        |                                                                                       | 3WJ9111-0BC01  | 3305.-     |
| Sealing cap for ON/OFF push button                                                                                                             |                                                                                       | 3WJ9111-0AP05  | POR        |
| Locking accessories                                                                                                                            |                                                                                       |                |            |
| To prevent unauthorized activation in the operator panel of the circuit breaker.                                                               | Mounting kit for CASTELL <sup>1)</sup>                                                | 3WJ9111-0BA31  | 19895.-    |
|                                                                                                                                                | Safety lock (3SB1) instead of the OFF button. CES lock                                | 3WJ9111-0BA35  | 8795.-     |
| Castell lock<br>( <sup>1)</sup> To be ordered separately with Factory fitted option Castell lock mounting kit or with accessory 3WJ9111-0BA31) | Type A                                                                                | 3WX3663-6JELA  | 10880.-    |
|                                                                                                                                                | Type B                                                                                | 3WX3663-6JELB  | 10880.-    |
|                                                                                                                                                | Type C                                                                                | 3WX3663-6JELC  | 10880.-    |
|                                                                                                                                                | Type D                                                                                | 3WX3663-6JELD  | 10880.-    |
|                                                                                                                                                | Type AB                                                                               | 3WX3663-6JELAB | 10880.-    |
|                                                                                                                                                | Type AC                                                                               | 3WX3663-6JELAC | 10880.-    |
| Interlocking accessories                                                                                                                       |                                                                                       |                |            |
| For fixed-mounted circuit breakers                                                                                                             | To prevent opening of the cabinet door in ON condition (Door interlock)               | 3WJ9111-0BB12  | 21570.-    |
| For withdrawable circuit breakers                                                                                                              | To prevent opening of the control cabinet door in connected position (Door interlock) | 3WJ9111-0BB13  | 21570.-    |
| Mutual mechanical Interlocking accessories                                                                                                     |                                                                                       |                |            |
| Interlocking module with Bowden cable 2 m                                                                                                      | For fixed-mounted breakers                                                            | 3WJ9111-0BB21  | 50730.-    |
|                                                                                                                                                | For withdrawable circuit breakers with guide frame (R55)                              | 3WJ9111-0BB22  | 50730.-    |
| Bowden cable                                                                                                                                   | 2000 mm                                                                               | 3WJ9111-0BB41  | 14495.-    |
|                                                                                                                                                | 3000 mm                                                                               | 3WJ9111-0BB42  | 20170.-    |
|                                                                                                                                                | 4500 mm                                                                               | 3WJ9111-0BB43  | 26095.-    |

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



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# SIEMENS

## 3VJ1 moulded case circuit breakers

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

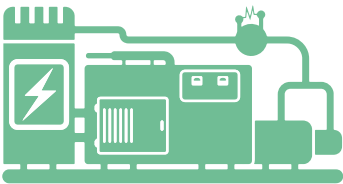
For single pole 3VJ MCCB, please contact your nearest Siemens Sales Office.



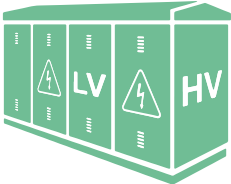
3VJ MCCB, Thermal Magnetic Trip Unit, Fixed Thermal Fixed Magnetic (FTFM), 415VAC, 50Hz

| 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) | 55kA                                      | 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) |                                           | 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.-            |                   |

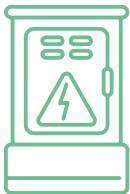
Notes:  
Phase barriers are included in the standard MCCB packing  
^2P in 3P Frame Size                      Std. Pkg. = 1 unit                      \* MRP - Max. Retail Price



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.-        |
|                    |                                           | 500                     | 3VJ1450-5DB32-0AA0 | 77725.-        | 3VJ1450-5EB42-0AA0 | 99545.-        |
| 3VJ14<br>(VJ1 630) |                                           | 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.-        |
|                    |                                           | 500                     | 3VJ1450-7DB32-0AA0 | 79625.-        | 3VJ1450-7EB42-0AA0 | 102390.-       |
| 3VJ14<br>(VJ1 630) |                                           | 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                  | • Auxiliary voltage: 85-270V AC/DC | 7UG0861-1BU20 | 9755.-     |
|                                               | • Change over contact: 2C/O        |               |            |
|                                               | • Width: 35mm module               |               |            |
|                                               |                                    |               |            |
| 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    | 110VAC     | 7UG0841-1CB20 | 9440.-      |
| 1Ph-2W, 3Ph-3W, 3Ph-4W | 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.

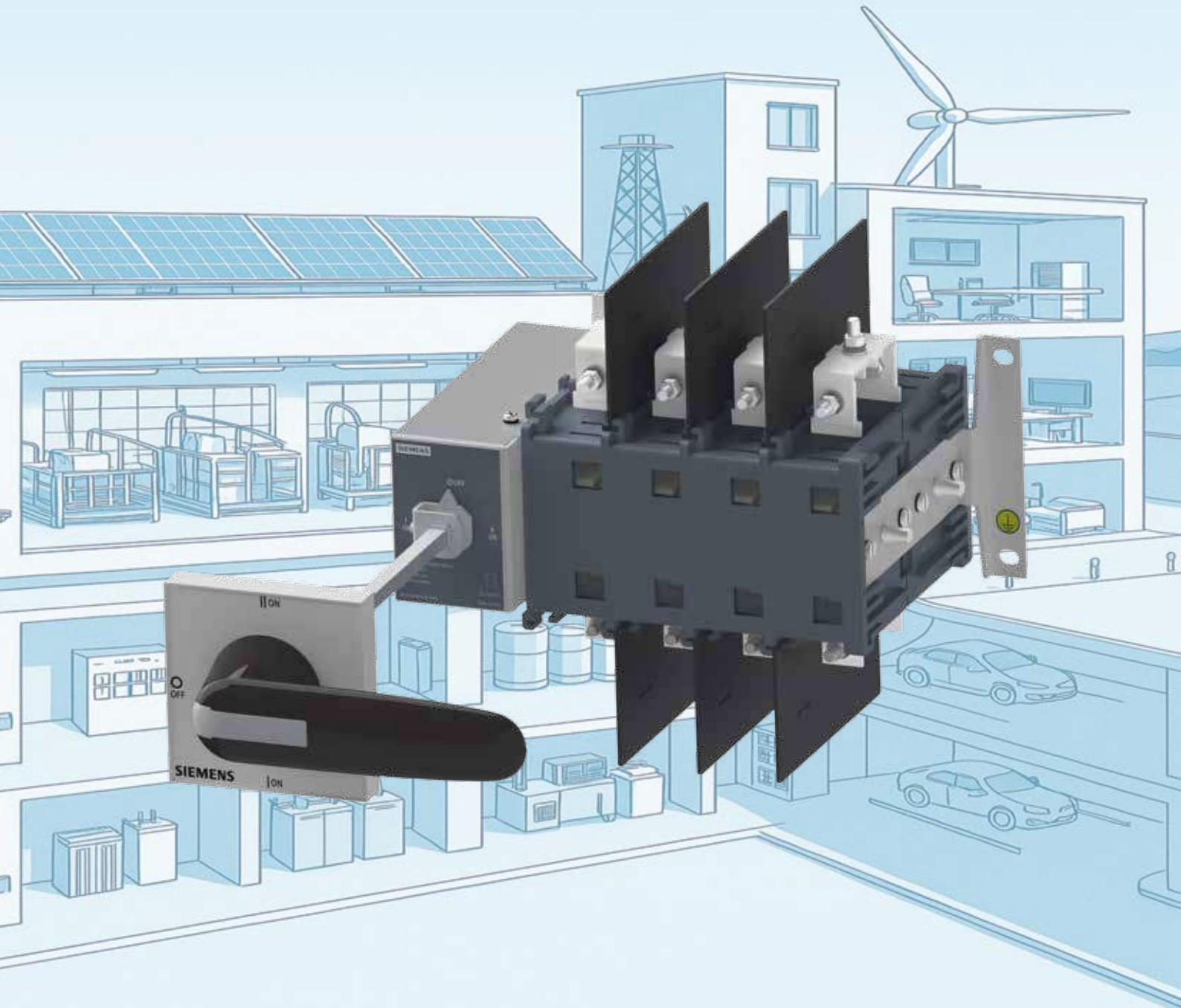
2P/3P SS enclosures provide inbuilt neutral link for TPN system

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



THE POWER OF **SIMPLICITY**

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

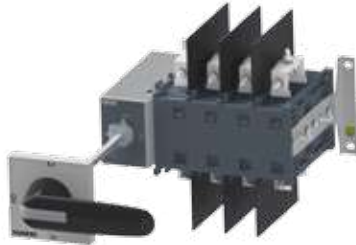
- Compliant with IS/IEC60947-3
- 4-pole modular switches up to 3150A in open and enclosed versions
- Stable I-O-II positions with safe switching
- Suitable for Positive isolation
- Built-in bridging bars and phase barriers
- Wide portfolio of accessories and spares

[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                  |
|                                |                      |                           |                |                            |                            |                       |                |                    |
| 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                     |                |                    |

| 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             |                       |                | 3KJ9006-4FM00                           | 3660.-         | 3KJ9006-5FM00                           | 3925.-                                                   | 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                                       |   |
|                                |                      |                       |                |                                         |                |                                         |                                                          |                                         |   |
| Spare Extended link            |                      |                       |                | 1000A<br>3KJ9012-4LA00                  | POR            |                                         |                                                          | 1                                       |   |
|                                |                      |                       |                | 1250A<br>3KJ9012-4LB00                  |                |                                         |                                                          | 1                                       |   |
|                                |                      |                       |                | 1600A<br>3KJ9012-4LC00                  |                |                                         |                                                          | 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 | 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                                       |   |
|                                |                      |                       |                |                                         |                |                                         |                                                          |                                         |   |

## Notes:

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

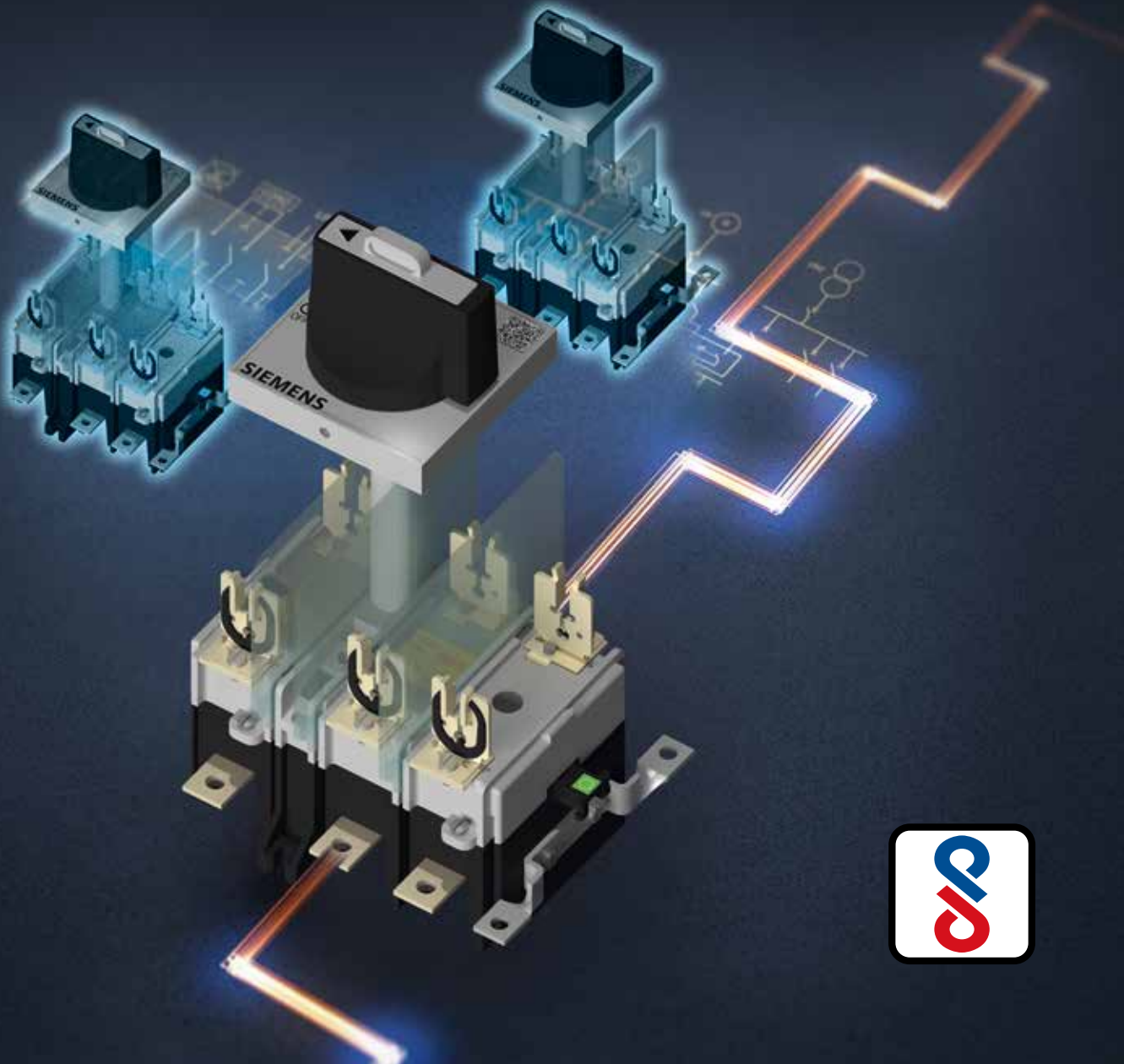
2) Accessory - Gland box is to be used with enclosed switches

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 Disconnecter: 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

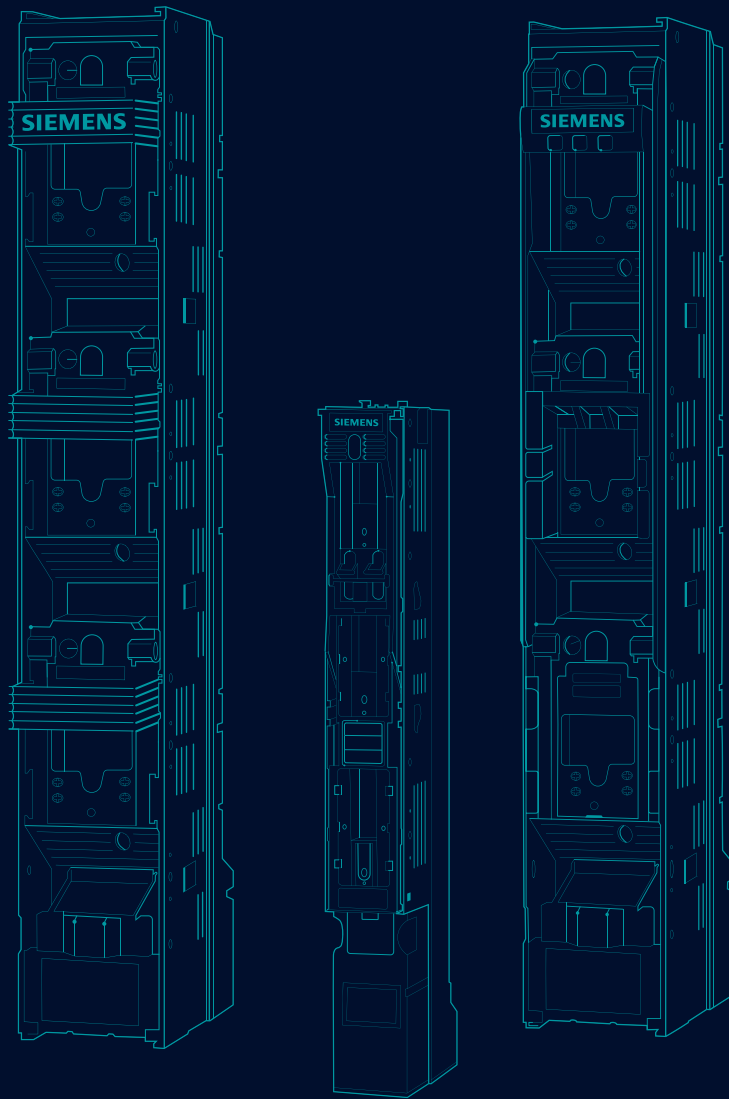
@ In 3P housing  
\$ Utilization category AC21A @690V AC (1600A: @500V AC)

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-OAE <sup>5)</sup>        | 575.-             | 3KX8230-OJF                      | 1410.-            | 3KX8340-OAF                         | 2070.-            | 3KX8430-OJF                       | 2935.-            | 1                      |  |  |
|                                                              |      | BS                      |                                  |                   | 3KX8230-OHF                      | 1410.-            |                                     |                   | 3KX8430-OHF                       | 2935.-            | 1                      |  |  |
|                                                              | 3P   | DIN                     |                                  |                   | 3KX8230-OJE                      | 1410.-            | 3KX8340-OAE                         | 2070.-            | 3KX8430-OJE                       | 2935.-            | 1                      |  |  |
|                                                              |      | BS                      |                                  |                   | 3KX8230-OHE                      | 1410.-            |                                     |                   | 3KX8430-OHE                       | 2935.-            | 1                      |  |  |
|                                                              | 4P   | DIN                     | 3KX8150-OAG <sup>5)</sup>        | 985.-             | 3KX8230-OJG                      | 1410.-            | 3KX8340-OAG                         | 2070.-            | 3KX8430-OJG                       | 2935.-            | 1                      |  |  |
|                                                              |      | BS                      |                                  |                   | 3KX8230-OHG                      | 1410.-            |                                     |                   | 3KX8430-OHG                       | 2935.-            | 1                      |  |  |
| Terminal<br>cover<br>(1set =<br>2pieces)                     | 2P   | –                       | 3KX8151-OAE                      | 295.-             | 3KX8231-OAF                      | 1200.-            | 3KX8341-OAF                         | 2255.-            | 3KX8431-OAF                       | 2645.-            | 1                      |  |  |
|                                                              | 3P   | –                       |                                  |                   | 3KX8231-OAE                      | 1200.-            | 3KX8341-OAE                         | 2255.-            | 3KX8431-OAE                       | 2645.-            | 1                      |  |  |
|                                                              | 4P   | –                       | 3KX8151-OAG                      | 1045.-            | 3KX8231-OAG                      | 1200.-            | 3KX8341-OAG                         | 2255.-            | 3KX8431-OAG                       | 2645.-            | 1                      |  |  |
| Phase barrier                                                | –    | DIN/ BS/<br>Cylindrical | 3KX8153-OAE                      | 115.-             | 3KX8153-OAE (DIN)                | 115.-             | 3KX8343-OAE                         | 360.-             | 3KX8433-OAE                       | 545.-             | 1                      |  |  |
|                                                              |      |                         |                                  |                   | 3KX8233-OJE (BS)                 | 115.-             |                                     |                   |                                   |                   | 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-OAC                      | 200.-             | 3KX8234-OAC                      | 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



# 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
- Rated operational current: 160A to 630A
- Operating voltage up to 690 VAC
- 1-pole or 3-pole switchable
- 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**



# 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



# 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**

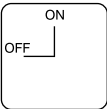
3LD4 Control Switches

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

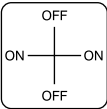
ON OFF Switches

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

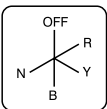
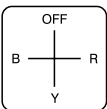


| Type#               | Description | Unit LP* ₹ |           |           |           |           |           |           |           |            | Std. pkg. (nos.) |
|---------------------|-------------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|------------------|
|                     |             | 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)



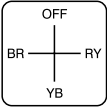
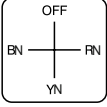
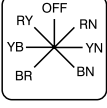
| Description                         | Rating | Type#            | Unit LP* ₹ | Std. pkg. (nos.) |
|-------------------------------------|--------|------------------|------------|------------------|
| Line currents with OFF              | 6A     | 3LD40014DC200RC0 | 655.-      | 1                |
|                                     | 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)

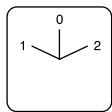
|                                                                                   | Description                    | Rating | Type#            | Unit LP* ₹ | Std. pkg. (nos.) |
|-----------------------------------------------------------------------------------|--------------------------------|--------|------------------|------------|------------------|
|  | 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

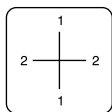
### With OFF (60°)

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



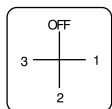
### Without OFF (90°)

| 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-ORCO | 1P 2W       | 400.-      | 730.-     | 895.-     | 915.-     | 945.-     | 1045.-    | 1420.-    | 1925.-    | 9625.-     | 1                |
| 3LD4 ___ 2PC10-ORCO | 2P 2W       | 535.-      | 895.-     | 1020.-    | 1200.-    | 1275.-    | 1495.-    | 1940.-    | 2910.-    | 14080.-    |                  |
| 3LD4 ___ 3PC10-ORCO | 3P 2W       | 655.-      | 1110.-    | 1360.-    | 1670.-    | 1935.-    | 2085.-    | 2450.-    | 3920.-    | 18220.-    |                  |
| 3LD4 ___ 4PC10-ORCO | 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-ORCO | 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-ORCO

## 3LD4 Control Switches

### Breaker Control Switch

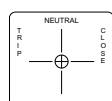
Breaker Control Switch also referred to as **TNC or Trip-Neutral-Close Switch**

is used in the control circuit of Low & Medium Voltage panels for switching circuit breakers.

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

#### Product Features

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

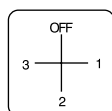


| Description      | Rating | Type#              | Unit LP* ₹ | Std. pkg. (nos.) |
|------------------|--------|--------------------|------------|------------------|
| 1 Trip + 1 Close | 25A    | 3LD4205-2BB50-0RC0 | 2650.-     | 1                |
|                  | 32A    | 3LD4206-2BB50-0RC0 | 3130.-     |                  |
| 2 Trip + 2 Close | 25A    | 3LD4205-4BB50-0RC0 | 3195.-     |                  |
|                  | 32A    | 3LD4206-4BB50-0RC0 | 3725.-     |                  |



### Multistep Switch

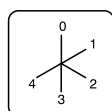
#### Multistep 3 Way with OFF



| Type#               | Description | Unit LP* ₹ |           |           |           |           |           |           |           |            | Std. pkg. (nos.) |
|---------------------|-------------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|------------------|
|                     |             | 6A (001)   | 10A (102) | 16A (103) | 20A (104) | 25A (205) | 32A (206) | 40A (207) | 63A (208) | 100A (309) |                  |
| 3LD4 ___ 1CC40-0RC0 | 1P 3W       | 485.-      | 805.-     | 935.-     | 955.-     | 1020.-    | 1135.-    | 1615.-    | 1825.-    | 9305.-     | 1                |
| 3LD4 ___ 2CC40-0RC0 | 2P 3W       | 655.-      | 945.-     | 1135.-    | 1360.-    | 1550.-    | 1660.-    | 2400.-    | 2695.-    | 14495.-    |                  |
| 3LD4 ___ 3CC40-0RC0 | 3P 3W       | 945.-      | 1255.-    | 1925.-    | 2055.-    | 2300.-    | 2495.-    | 3190.-    | 4165.-    | 18950.-    |                  |
| 3LD4 ___ 4CC40-0RC0 | 4P 3W       | 1215.-     | 1625.-    | 2330.-    | 2550.-    | 2860.-    | 3145.-    | 4280.-    | 4985.-    | 23930.-    |                  |

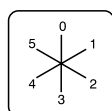


#### Multistep 4 Way with OFF



| 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 ___ 1DD40-0RC0 | 1P 4W       | 550.-      | 720.-     | 1360.-    | 1475.-    | 1625.-    | 1810.-    | 2045.-    | 2780.-    | 8230.-     | 1                |
| 3LD4 ___ 2DD40-0RC0 | 2P 4W       | 945.-      | 1365.-    | 1605.-    | 1650.-    | 1715.-    | 1985.-    | 2570.-    | 3245.-    | 12710.-    |                  |
| 3LD4 ___ 3DD40-0RC0 | 3P 4W       | 1320.-     | 1835.-    | 2545.-    | 2675.-    | 2860.-    | 3280.-    | 4385.-    | 4985.-    | 35020.-    |                  |

#### Multistep 5 Way with OFF

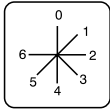


| Type#               | Description | Unit LP* ₹ |           |           |           |           |           |           |           |            | Std. pkg. (nos.) |
|---------------------|-------------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|------------------|
|                     |             | 6A (001)   | 10A (102) | 16A (103) | 20A (104) | 25A (205) | 32A (206) | 40A (207) | 63A (208) | 100A (309) |                  |
| 3LD4 ___ 1EE40-0RC0 | 1P 5W       | 620.-      | 1155.-    | 1560.-    | 1760.-    | 2035.-    | 2055.-    | 2545.-    | 2975.-    | 8755.-     | 1                |
| 3LD4 ___ 2EE40-0RC0 | 2P 5W       | 1110.-     | 1790.-    | 2075.-    | 2400.-    | 2770.-    | 3245.-    | 3345.-    | 4180.-    | 12705.-    |                  |

\* LP - List Price

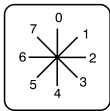
# Multistep Switch

## Multistep 6 Way with OFF



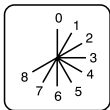
| Type#               | Description | Unit LP* ₹ |           |           |           |           |           |           |           | Std. pkg. (nos.) |
|---------------------|-------------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------------|
|                     |             | 6A (001)   | 10A (102) | 16A (103) | 20A (104) | 25A (205) | 32A (206) | 40A (207) | 63A (208) |                  |
| 3LD4 ___ 1FF40-ORC0 | 1P 6W       | 800.-      | 1300.-    | 1505.-    | 1655.-    | 1810.-    | 2110.-    | 2165.-    | 3505.-    | 1                |
| 3LD4 ___ 2FF40-ORC0 | 2P 6W       | 1320.-     | 1940.-    | 2180.-    | 2465.-    | 2780.-    | 3365.-    | 4300.-    | 5630.-    |                  |

## Multistep 7 Way with OFF



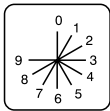
| Type#               | Description | Unit LP* ₹ |           |           |           |           |           |           |           | Std. pkg. (nos.) |
|---------------------|-------------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------------|
|                     |             | 6A (001)   | 10A (102) | 16A (103) | 20A (104) | 25A (205) | 32A (206) | 40A (207) | 63A (208) |                  |
| 3LD4 ___ 1GG40-ORC0 | 1P 7W       | 805.-      | 1330.-    | 1650.-    | 1805.-    | 2055.-    | 2155.-    | 2245.-    | 3485.-    | 1                |

## Multistep 8 Way with OFF



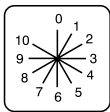
| Type#               | Description | Unit LP* ₹ |           |           |           | Std. pkg. (nos.) |
|---------------------|-------------|------------|-----------|-----------|-----------|------------------|
|                     |             | 6A (001)   | 10A (102) | 16A (103) | 20A (104) |                  |
| 3LD4 ___ 1HH40-ORC0 | 1P 8W       | 920.-      | 1130.-    | 1615.-    | 1875.-    | 1                |

## Multistep 9 Way with OFF



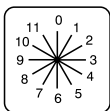
| Type#               | Description | Unit LP* ₹ |           |           |           | Std. pkg. (nos.) |
|---------------------|-------------|------------|-----------|-----------|-----------|------------------|
|                     |             | 6A (001)   | 10A (102) | 16A (103) | 20A (104) |                  |
| 3LD4 ___ 1JJ40-ORC0 | 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-ORC0 | 1P 10W      | 1110.-     | 1460.-    | 2245.-    | 3015.-    | 1                |

## Multistep 11 Way with OFF



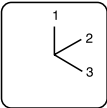
| Type#               | Description | Unit LP* ₹ |           |           |           | Std. pkg. (nos.) |
|---------------------|-------------|------------|-----------|-----------|-----------|------------------|
|                     |             | 6A (001)   | 10A (102) | 16A (103) | 20A (104) |                  |
| 3LD4 ___ 1LL40-ORC0 | 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-ORC0

Multistep Switch

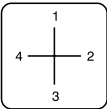


Multistep 3 Way without OFF



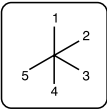
| Type#               | Description | Unit LP* ₹ |           |           |           |           |           |           |           |            | Std. pkg. (nos.) |
|---------------------|-------------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|------------------|
|                     |             | 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



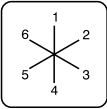
| Type#               | Description | Unit LP* ₹ |           |           |           |           |           |           |           |            | Std. pkg. (nos.) |
|---------------------|-------------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|------------------|
|                     |             | 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



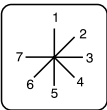
| Type#               | Description | Unit LP* ₹ |           |           |           |           |           |           |           |            | Std. pkg. (nos.) |
|---------------------|-------------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|------------------|
|                     |             | 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

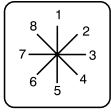


| Type#               | Description | Unit LP* ₹ |           |           |           |           |           |           |           | Std. pkg. (nos.) |
|---------------------|-------------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------------|
|                     |             | 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

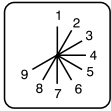
# Multistep Switch

## Multistep 8 Way without OFF



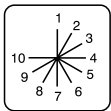
| Type#               | Description | Unit LP* ₹ |           |           |           | Std. pkg. (nos.) |
|---------------------|-------------|------------|-----------|-----------|-----------|------------------|
|                     |             | 6A (001)   | 10A (102) | 16A (103) | 20A (104) |  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

## Multistep 9 Way without OFF



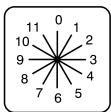
| Type#               | Description | Unit LP* ₹ |           |           |           | Std. pkg. (nos.) |
|---------------------|-------------|------------|-----------|-----------|-----------|------------------|
|                     |             | 6A (001)   | 10A (102) | 16A (103) | 20A (104) |  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

## Multistep 10 Way without OFF



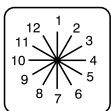
| Type#               | Description | Unit LP* ₹ |           |           |           | Std. pkg. (nos.) |
|---------------------|-------------|------------|-----------|-----------|-----------|------------------|
|                     |             | 6A (001)   | 10A (102) | 16A (103) | 20A (104) |                  |
| 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





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

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# SIEMENS

# HRC fuses (DIN) 3NA

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



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

| Size | Rated current (A) | Type       | Unit MRP <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                |
| 1    | 63                | 3NA71220RC | 1835.-                  | 1/3                |
|      | 80                | 3NA71240RC | 1835.-                  | 1/3                |
|      | 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                |
| 2    | 200               | 3NA72400RC | 2725.-                  | 1/3                |
|      | 250               | 3NA72440RC | 2835.-                  | 1/3                |
|      | 315               | 3NA72520RC | 2940.-                  | 1/3                |
|      | 400*              | 3NA72600RC | 2940.-                  | 1/3                |
| 3    | 315               | 3NA33520RC | 4180.-                  | 1/3                |
|      | 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

### ■ Stock items

\* LP - List Price

® MRP - Max. Retail Price

## 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                  |



# HRC fuses (BS) 3NW

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



## Blade tag

| Rated current (A) | Type      | Unit MRP* ₹ | Std. pkg.** (nos.) |
|-------------------|-----------|-------------|--------------------|
| 2                 | ■ 3NWNS2  | 310.-       | 20                 |
| 4                 | ■ 3NWNS4  | 310.-       | 20                 |
| 6                 | ■ 3NWNS6  | 310.-       | 20                 |
| 10                | ■ 3NWNS10 | 310.-       | 20                 |
| 16                | ■ 3NWNS16 | 310.-       | 20                 |
| 20                | ■ 3NWNS20 | 365.-       | 20                 |
| 25                | ■ 3NWNS25 | 365.-       | 20                 |
| 32                | ■ 3NWNS32 | 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                | 3NWTCT80  | 1870.-      | 10                 |
| 100               | 3NWTCT100 | 1870.-      | 10                 |
| 125               | 3NWTCT125 | 3850.-      | 5                  |
| 160               | 3NWTCT160 | 3850.-      | 5                  |
| 200               | 3NWTCT200 | 3850.-      | 5                  |
| 250               | 3NWTCT250 | 5320.-      | 1                  |
| 315               | 3NWTCT315 | 5320.-      | 1                  |
| 355               | 3NWTCT355 | 6195.-      | 1                  |
| 400               | 3NWTCT400 | 6195.-      | 1                  |
| 500               | 3NWTCT500 | 9735.-      | 1                  |
| 630               | 3NWTCT630 | 11855.-     | 1                  |
| 710               | 3NWTCT710 | 13545.-     | 1                  |
| 800               | 3NWTCT800 | 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                | 3NWTSS80  | 1370.-      | 20                 |
| 100               | 3NWTSS100 | 1370.-      | 20                 |
| 125               | 3NWTSS125 | 1720.-      | 5                  |
| 160               | 3NWTSS160 | 1875.-      | 5                  |
| 200               | 3NWTSS200 | 1720.-      | 5                  |

## Central tag

| Rated current (A) | Type       | Unit MRP* ₹ | Std. pkg.** (nos.) |
|-------------------|------------|-------------|--------------------|
| 80                | 3NWTSDC80  | 1665.-      | 10                 |
| 100               | 3NWTSDC100 | 1665.-      | 10                 |
| 125               | 3NWTSD125  | 1735.-      | 5                  |
| 160               | 3NWTSD160  | 1735.-      | 5                  |
| 200               | 3NWTSD200  | 1735.-      | 5                  |
| 250               | 3NWTSD250  | 4165.-      | 1                  |
| 315               | 3NWTSD315  | 4165.-      | 1                  |
| 355               | 3NWTSD355  | 6955.-      | 1                  |
| 400               | 3NWTSD400  | 6955.-      | 1                  |
| 450               | 3NWTSD450  | 5770.-      | 1                  |
| 500               | 3NWTSD500  | 5770.-      | 1                  |
| 560               | 3NWTSD560  | 11010.-     | 1                  |
| 630               | 3NWTSD630  | 9340.-      | 1                  |
| 800               | 3NWTSD800  | 13485.-     | 1                  |

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

| Rated current (A) | Type        | Unit MRP* ₹ | Std. pkg.** (nos.) |
|-------------------|-------------|-------------|--------------------|
| 32                | 3NWTCT32F9  | 7180.-      | 10                 |
| 63                | 3NWTCT63F9  | 8425.-      | 10                 |
| 100               | 3NWTCT100F9 | 9300.-      | 10                 |

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

| Rated current (A) | Type        | Unit MRP* ₹ | Std. pkg.** (nos.) |
|-------------------|-------------|-------------|--------------------|
| 20                | ■ 3NW20NNSF | 525.-       | 10                 |
| 32                | ■ 3NW32NNSF | 660.-       | 10                 |
| 32A (Iso. Link)   | ■ 3NW32NNSL | 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.

THE POWER OF **SIMPLICITY**

# SINOPLUS 3MT7, 3MH7 & 3MU7 Contactors & Overload relays



## Adaptable

Our contactors and overload relays are designed to easily fit into various panel designs, catering to your control and protection requirements



## Trustworthy

Our contactors and overload relays ensure reliable motor protection



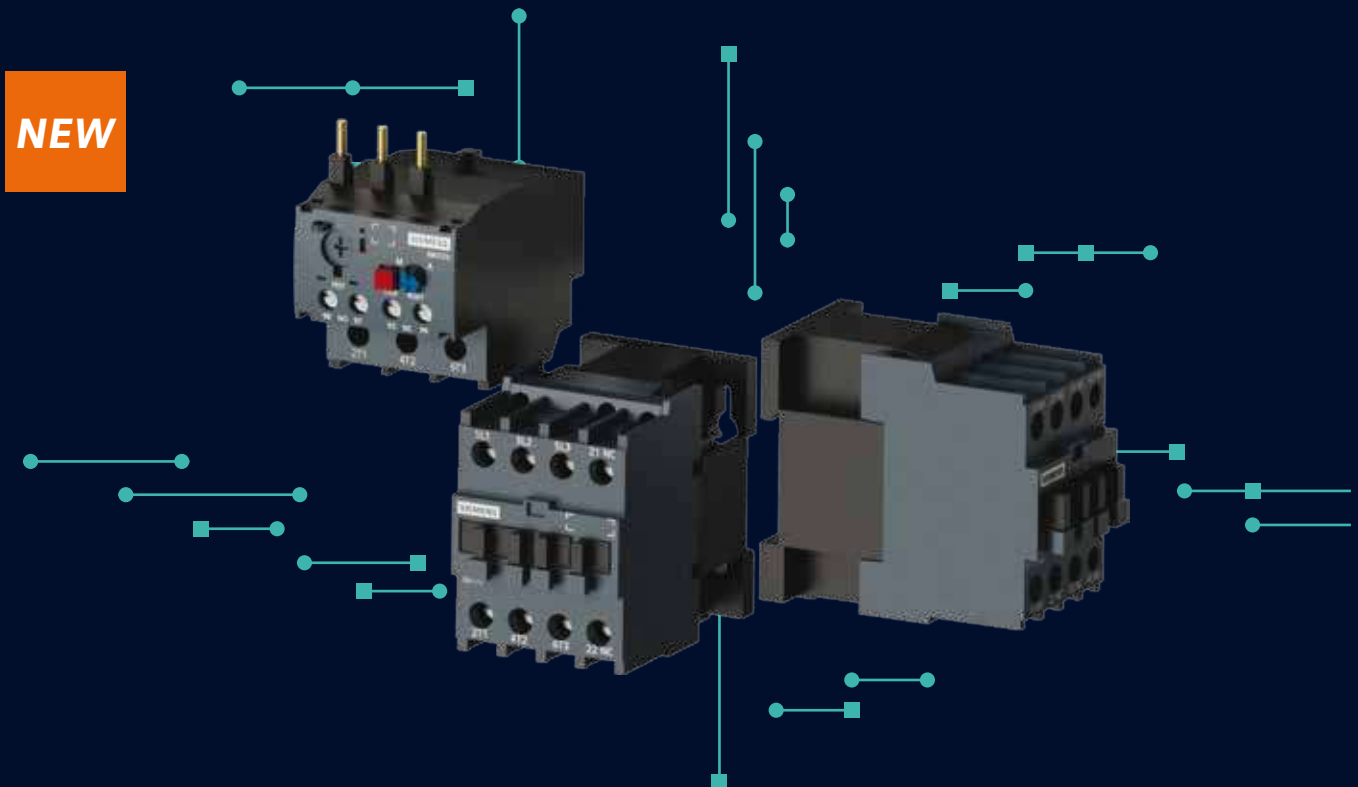
## Assurance

Our contactors and overload relays are compliant with IEC 60947-4-1 and IEC 60947-5-1 standards, RoHS compliant, CE certified, and type-tested



## Consistent Design

Our contactors and overload relays are uniform in design aesthetic and compatible with accessories across the product ranges



**SIEMENS**



## Power Contactors

| Size | AC-3 operational current Ie upto 400V A | Motor rating at 400V, 50Hz KW | Auxiliary contacts | Type <sup>s</sup>      | Unit LP ₹ | Std. pkg. (nos.) |
|------|-----------------------------------------|-------------------------------|--------------------|------------------------|-----------|------------------|
| 0    | 6                                       | 2.2                           | 1 NO               | ■ 3MT7006-0AA10-0A..   | 2440.-    | 1                |
|      |                                         |                               | 1 NC               | ■ 3MT7006-0AA01-0A..   | 2440.-    | 1                |
|      | 9                                       | 4                             | 1 NO               | ■ 3MT7010-0AA10-0A..   | 2520.-    | 1                |
|      |                                         |                               | 1 NC               | ■ 3MT7010-0AA01-0A..   | 2520.-    | 1                |
|      | 12                                      | 5.5                           | 1 NO               | ■ 3MT7012-0AA10-0A..   | 2775.-    | 1                |
|      |                                         |                               | 1 NC               | ■ 3MT7012-0AA01-0A..   | 2775.-    | 1                |
| 1    | 18                                      | 7.5                           | 1 NO               | ■ 3MT7018-1AA10-0A..   | 3100.-    | 1                |
|      |                                         |                               | 1 NC               | ■ 3MT7018-1AA01-0A..   | 3100.-    | 1                |
|      | 22                                      | 11                            | 1 NO               | ■ 3MT7022-1AA10-0A..   | 3790.-    | 1                |
|      |                                         |                               | 1 NC               | ■ 3MT7022-1AA01-0A..   | 3790.-    | 1                |
| 2    | 25                                      | 11                            | 1 NO               | ■ 3MT7025-2AA10-0A..   | 4430.-    | 1                |
|      |                                         |                               | 1 NC               | ■ 3MT7025-2AA01-0A..   | 4430.-    | 1                |
|      | 32                                      | 15                            | 1 NO               | ■ 3MT7032-2AA10-0A..   | 9220.-    | 1                |
|      |                                         |                               | 1 NC               | ■ 3MT7032-2AA01-0A..   | 9220.-    | 1                |
|      | 38                                      | 18.5                          | 1 NO               | ■ 3MT7038-2AA10-0A..   | 12675.-   | 1                |
|      |                                         |                               | 1 NC               | ■ 3MT7038-2AA01-0A..   | 12675.-   | 1                |
|      | 40                                      | 18.5                          | 1 NO               | ■ 3MT7040-2AA10-0A..   | 13175.-   | 1                |
|      |                                         |                               | 1 NC               | ■ 3MT7040-2AA01-0A..   | 13175.-   | 1                |
| 3    | 40                                      | 18.5                          | 1NO + 1NC          | ■ 3MT7040-3AA11-0A..   | 14655.-   | 1                |
|      | 50                                      | 22                            | 1NO + 1NC          | ■ 3MT7050-3AA11-0A..   | 18540.-   | 1                |
|      | 65                                      | 30                            | 1NO + 1NC          | ■ 3MT7065-3AA11-0A..   | 24175.-   | 1                |
| 4    | 80                                      | 37                            | 1NO + 1NC          | ■ 3MT7080-4AA11-0A..   | 37270.-   | 1                |
|      | 95                                      | 45                            | 1NO + 1NC          | ■ 3MT7095-4AA11-0A..   | 38220.-   | 1                |
| 5    | 120                                     | 55                            | –                  | ■ 3MT7120-5AA00-0A..** | 44640.-   | 1                |
|      | 140                                     | 75                            | –                  | ■ 3MT7140-5AA00-0A..** | 57550.-   | 1                |
| 6    | 170                                     | 90                            | –                  | ■ 3MT7170-6AA00-0A..** | 77555.-   | 1                |
|      | 205                                     | 110                           | –                  | ■ 3MT7205-6AA00-0A..** | 88265.-   | 1                |
| 7    | 250                                     | 132                           | –                  | ■ 3MT7250-7AA00-0A..** | 106080.-  | 1                |
|      | 300                                     | 160                           | –                  | ■ 3MT7300-7AA00-0A..** | 127980.-  | 1                |
| 8    | 400                                     | 200                           | –                  | ■ 3MT7400-8AA00-0A..** | 159790.-  | 1                |

## Auxiliary Contactors



| Operational current AC-15 at 230V | Auxiliary contacts |    | Type <sup>s</sup> | Unit LP ₹ | Std. pkg. (nos.) |
|-----------------------------------|--------------------|----|-------------------|-----------|------------------|
|                                   | NO                 | NC |                   |           |                  |
| 6                                 | 4                  | –  | ■ 3MH7040-1A..0   | 2615.-    | 1                |
| 6                                 | 3                  | 1  | ■ 3MH7031-1A..0   |           | 1                |
| 6                                 | 2                  | 2  | ■ 3MH7022-1A..0   |           | 1                |

\$ Please enter coil codes from table below

\*\* Please select the required Contact Blocks from table in page 39

### Coil code (AC)

| Frequency | Coil Codes |      |      |                 |
|-----------|------------|------|------|-----------------|
|           | 24V        | 110V | 230V | 415V            |
| 50/60Hz   | C2         | ■ F2 | ■ L2 | R2 <sup>#</sup> |

#not available for Size 5, 6, 7 & 8 contactors - Please use R0 for 415V 50Hz

Please contact nearest sales office for other coil voltages

## Accessories: 3MT7 and 3MH7 Contactors

### Auxiliary Contact Blocks

Compatible with 3MT7 Power contactors and 3MH7 Auxiliary Contactors

| For Contactor                                                              | Auxiliary Contact | Type          | Unit LP ₹ | Std. pkg. (nos.) |
|----------------------------------------------------------------------------|-------------------|---------------|-----------|------------------|
| for snapping onto the front                                                |                   |               |           |                  |
| 3MT7006 - 3MT7095 & 3MH7                                                   | 1 NO              | 3MH7910-OCT10 | 445.-     | 1                |
|                                                                            | 1 NC              | 3MH7901-OCT10 | 445.-     | 1                |
|                                                                            | 2 NO              | 3MH7920-OCT10 | 800.-     | 1                |
|                                                                            | 1 NO + 1 NC       | 3MH7911-OCT10 | 800.-     | 1                |
|                                                                            | 2 NC              | 3MH7902-OCT10 | 800.-     | 1                |
|                                                                            | 4 NO              | 3MH7940-OCT10 | 1455.-    | 1                |
|                                                                            | 3 NO + 1 NC       | 3MH7931-OCT10 | 1455.-    | 1                |
|                                                                            | 2 NO + 2 NC       | 3MH7922-OCT10 | 1455.-    | 1                |
|                                                                            | 1 NO + 3 NC       | 3MH7913-OCT10 | 1455.-    | 1                |
|                                                                            | 4 NC              | 3MH7904-OCT10 | 1455.-    | 1                |
| First Laterally mountable auxiliary Contact blocks on left and / or right  |                   |               |           |                  |
| 3MT7006 - 3MT7095                                                          | 2 NO              | 3MH7920-OCL10 | 1695.-    | 1                |
|                                                                            | 1NO + 1NC         | 3MH7911-OCL10 | 1695.-    | 1                |
| 3MT7120 - 3MT7400                                                          | 1NO + 1NC         | 3MH79110CL21  | 2050.-    | 1                |
| Second Laterally mountable auxiliary Contact blocks on left and / or right |                   |               |           |                  |
| 3MT7120 - 3MT7400                                                          | 1NO + 1NC         | 3MH79110CL22  | 2050.-    | 1                |

### Pneumatic timer

| For Contactor     | Function                              | Timing Seconds | Type          | Unit LP ₹ | Std. pkg. (nos.) |
|-------------------|---------------------------------------|----------------|---------------|-----------|------------------|
| 3MT7006 - 3MT7095 | ON delay (Auxiliary Contact: 1NO+1NC) | 0.1-3          | 3MT7900-OPN10 | 6330.-    | 1                |
|                   |                                       | 0.1-30         | 3MT7900-OPN20 | 6330.-    | 1                |
|                   |                                       | 10-180         | 3MT7900-OPN30 | 6330.-    | 1                |
|                   | OFF delay                             | 0.1-3          | 3MT7900-OPF10 | 6690.-    | 1                |
|                   |                                       | 0.1-30         | 3MT7900-OPF20 | 6690.-    | 1                |
|                   |                                       | 10-180         | 3MT7900-OPF30 | 6690.-    | 1                |



### Surge Suppressor

Compatible with 3MT7 Power contactors and 3MH7 Auxiliary Contactors

| Rated Control supply Voltage (Us) AC                    | Type          | Unit LP ₹ | Std. pkg. (nos.) |
|---------------------------------------------------------|---------------|-----------|------------------|
| Surge suppressor (RC unit) for 3MT7006 - 3MT7095 & 3MH7 |               |           |                  |
| 24-48V                                                  | 3MT7900-1SC21 | 1270.-    | 1                |
| 110-240V                                                | 3MT7900-1SL21 | 1270.-    | 1                |
| 380-440V                                                | 3MT7900-1SV21 | 1640.-    | 1                |
| Surge suppressor (Varistor) for 3MT7120 - 3MT7400       |               |           |                  |
| Less than 48V                                           | 3MT7900-2SC22 | 1755.-    | 10               |
| 48 - 127V                                               | 3MT7900-2SF22 | 1755.-    | 10               |
| 127 - 240V                                              | 3MT7900-2SL22 | 1755.-    | 10               |
| 240 - 400V                                              | 3MT7900-2SV02 | 1865.-    | 10               |
| 400 - 600V                                              | 3MT7900-2SR02 | 1865.-    | 10               |

### Interlock

| For Contactor                       | Type          | Unit LP ₹ | Std. pkg. (nos.) |
|-------------------------------------|---------------|-----------|------------------|
| Mechanical Interlock                |               |           |                  |
| 3MT7006 - 3MT7040 (Size 0,1,2)      | 3MT7900-1XM01 | 1420.-    | 1                |
| 3MT7040 - 3MT7065 (Size 3)          | 3MT7900-1XM02 | 3165.-    | 1                |
| 3MT7080 - 3MT7095 (Size 4)          | 3MT7900-1XM03 | 4280.-    | 1                |
| 3MT7120 - 3MT7140 (Size 5)          | 3MT7900-1XM04 | 9150.-    | 1                |
| 3MT7170 - 3MT205 (Size 6)           | 3MT7900-1XM05 | 10470.-   | 1                |
| 3MT7250 - 3MT7300 (Size 7)          | 3MT7900-1XM06 | 12600.-   | 1                |
| 3MT7400 (Size 8)                    | 3MT7900-1XM07 | 13465.-   | 1                |
| 3MT7120 - 3MT7205 (Size 5 / Size 6) | 3MT7900-1XM45 | 10470.-   | 1                |
| 3MT7170 - 3MT300 (Size 6 / Size 7)  | 3MT7900-1XM56 | 12600.-   | 1                |
| Electro-mechanical Interlock        |               |           |                  |
| 3MT7006 - 3MT7040 (Size 0, 1, 2)    | 3MT7900-1XE01 | 1550.-    | 1                |
| 3MT7040 - 3MT7065 (Size 3)          | 3MT7900-1XE02 | 3345.-    | 1                |
| 3MT7080 - 3MT7095 (Size 4)          | 3MT7900-1XE03 | 4545.-    | 1                |

Spares: 3MT7 Contactors

Spare top housing

| Size | AC-3 operational current Ie upto 400V A | Motor rating at 400V, 50Hz KW | Auxiliary contacts | Type          | Unit LP ₹ | Std. pkg. (nos.) |
|------|-----------------------------------------|-------------------------------|--------------------|---------------|-----------|------------------|
| 0    | 6                                       | 2.2                           | 1 NO               | 3MT7906-0HA10 | 2465.-    | 1                |
|      |                                         |                               | 1 NC               | 3MT7906-0HA01 | 2465.-    | 1                |
|      | 9                                       | 4                             | 1 NO               | 3MT7910-0HA10 | 2550.-    | 1                |
|      |                                         |                               | 1 NC               | 3MT7910-0HA01 | 2550.-    | 1                |
|      | 12                                      | 5.5                           | 1 NO               | 3MT7912-0HA10 | 2730.-    | 1                |
|      |                                         |                               | 1 NC               | 3MT7912-0HA01 | 2730.-    | 1                |
| 1    | 18                                      | 7.5                           | 1 NO               | 3MT7918-1HA10 | 2915.-    | 1                |
|      |                                         |                               | 1 NC               | 3MT7918-1HA01 | 2915.-    | 1                |
|      | 22                                      | 11                            | 1 NO               | 3MT7922-1HA10 | 3115.-    | 1                |
|      |                                         |                               | 1 NC               | 3MT7922-1HA01 | 3115.-    | 1                |
| 2    | 25                                      | 11                            | 1 NO               | 3MT7925-2HA10 | 3555.-    | 1                |
|      |                                         |                               | 1 NC               | 3MT7925-2HA01 | 3555.-    | 1                |
|      | 32                                      | 15                            | 1 NO               | 3MT7932-2HA10 | 6915.-    | 1                |
|      |                                         |                               | 1 NC               | 3MT7932-2HA01 | 6915.-    | 1                |
|      | 38                                      | 18.5                          | 1 NO               | 3MT7938-2HA10 | 10005.-   | 1                |
|      |                                         |                               | 1 NC               | 3MT7938-2HA01 | 10005.-   | 1                |
|      | 40                                      | 18.5                          | 1 NO               | 3MT7940-2HA10 | 10915.-   | 1                |
|      |                                         |                               | 1 NC               | 3MT7940-2HA01 | 10915.-   | 1                |
| 3    | 40                                      | 18.5                          | 1NO + 1NC          | 3MT7940-3HA11 | 11820.-   | 1                |
|      | 50                                      | 22                            | 1NO + 1NC          | 3MT7950-3HA11 | 13015.-   | 1                |
|      | 65                                      | 30                            | 1NO + 1NC          | 3MT7965-3HA11 | 14300.-   | 1                |
| 4    | 80                                      | 37                            | 1NO + 1NC          | 3MT7980-4HA11 | 20375.-   | 1                |
|      | 95                                      | 45                            | 1NO + 1NC          | 3MT7995-4HA11 | 23840.-   | 1                |

Spare contact kit

Main contact kits for Size 5, 6, 7, 8 contactors (Set of 6 fixed & 3 moving contacts)

| Size | AC-3 operational current Ie upto 400V A | Motor rating at 400V, 50Hz KW | Auxiliary contacts | Type          | Unit LP ₹ | Std. pkg. (nos.) |
|------|-----------------------------------------|-------------------------------|--------------------|---------------|-----------|------------------|
| 5    | 120                                     | 55                            | –                  | 3MT7912-0KA00 | 24180.-   | 1                |
|      | 140                                     | 75                            | –                  | 3MT7914-0KA00 | 30420.-   | 1                |
| 6    | 170                                     | 90                            | –                  | 3MT7917-0KA00 | 38225.-   | 1                |
|      | 205                                     | 110                           | –                  | 3MT7920-5KA00 | 40775.-   | 1                |
| 7    | 250                                     | 132                           | –                  | 3MT7925-0KA00 | 49055.-   | 1                |
|      | 300                                     | 160                           | –                  | 3MT7930-0KA00 | 57675.-   | 1                |
| 8    | 400                                     | 200                           | –                  | 3MT7940-0KA00 | 76320.-   | 1                |

Spare Coil

| For Contactor (AC3 Rating) | Type <sup>s</sup> | Unit LP ₹ | Std. pkg. (nos.) |
|----------------------------|-------------------|-----------|------------------|
| 3MT7006 - 3MT7022          | 3MT79000L..1      | 1600.-    | 1                |
| 3MT7025 - 3MT7040          | 3MT79000L..2      | 2775.-    | 1                |
| 3MT7040 - 3MT7095          | 3MT79000L..3      | 4465.-    | 1                |
| 3MT7120 - 3MT7140          | 3MT79000L..5      | 6930.-    | 1                |
| 3MT7170 - 3MT7205          | 3MT79000L..6      | 8790.-    | 1                |
| 3MT7250 - 3MT7300          | 3MT79000L..7      | 10620.-   | 1                |
| 3MT7400                    | 3MT79000L..8      | 15425.-   | 1                |

Coil code (AC)

\$ Please enter coil codes from table below

| Frequency | Coil Codes |      |      |                 |
|-----------|------------|------|------|-----------------|
|           | 24V        | 110V | 230V | 415V            |
| 50/60Hz   | C2         | ■ F2 | ■ L2 | R2 <sup>#</sup> |

#not available for Size 5, 6, 7 & 8 contactors - Please use R0 for 415V 50Hz  
Please contact nearest sales office for other coil voltages

# 3MU7 – Thermal overload relays

NEW



## For contactor mounting - Class 10 - Screw Terminals

| Size | For Contactor                     | Current Range | Type           | Unit LP ₹ | Std. pkg. (nos.) |
|------|-----------------------------------|---------------|----------------|-----------|------------------|
| 1    | 3MT7006 - 3MT7040<br>Size 0, 1, 2 | 0.10 - 0.16   | ■ 3MU7110-0AA0 | 4130.-    | 1                |
|      |                                   | 0.16 - 0.25   | ■ 3MU7110-0BA0 |           | 1                |
|      |                                   | 0.25 - 0.40   | ■ 3MU7110-0CA0 |           | 1                |
|      |                                   | 0.40 - 0.63   | ■ 3MU7110-0DA0 |           | 1                |
|      |                                   | 0.63 - 1      | ■ 3MU7110-0EA0 |           | 1                |
|      |                                   | 1 - 1.6       | ■ 3MU7110-0FA0 |           | 1                |
|      |                                   | 1.25 - 2      | ■ 3MU7110-0GA0 |           | 1                |
|      |                                   | 1.6 - 2.5     | ■ 3MU7110-0HA0 |           | 1                |
|      |                                   | 2.5 - 4       | ■ 3MU7110-0JA0 |           | 1                |
|      |                                   | 4 - 6         | ■ 3MU7110-0KA0 |           | 1                |
|      |                                   | 5.5 - 8       | ■ 3MU7110-0LA0 |           | 1                |
|      |                                   | 7 - 10        | ■ 3MU7110-0MA0 |           | 1                |
|      |                                   | 9 - 13        | ■ 3MU7110-0NA0 | 4230.-    | 1                |
|      | 3MT7018 - 3MT7040<br>Size 1, 2    | 12 - 18       | ■ 3MU7110-0PA0 | 4290.-    | 1                |
|      |                                   | 17 - 25       | ■ 3MU7110-0QA0 | 4755.-    | 1                |
| 2    | 3MT7025 - 3MT7040<br>Size 2       | 23 - 32       | ■ 3MU7210-1AA0 | 7270.-    | 1                |
|      |                                   | 28 - 36       | ■ 3MU7210-1BA0 | 7490.-    | 1                |
| 3    | 3MT7040 - 3MT7095<br>Size 3, 4    | 23 - 32       | ■ 3MU7310-2AA0 |           | 1                |
|      |                                   | 30 - 40       | ■ 3MU7310-2BA0 | 7830.-    | 1                |
|      |                                   | 37 - 50       | ■ 3MU7310-2CA0 | 9575.-    | 1                |
|      |                                   | 48 - 65       | ■ 3MU7310-2DA0 | 12595.-   | 1                |
|      | 3MT7080 - 3MT7095<br>Size 4       | 55 - 70       | ■ 3MU7310-2EA0 |           | 1                |
|      |                                   | 63 - 80       | ■ 3MU7310-2FA0 |           | 1                |
|      |                                   | 80 - 93       | ■ 3MU7310-2GA0 |           | 1                |

## For independent mounting - Class 10 A - Screw Terminals

| Size | Current Range | Type           | Unit LP ₹ | Std. pkg. (nos.) |
|------|---------------|----------------|-----------|------------------|
| 4    | 85 - 135A     | ■ 3MU7410-3AA1 | 18005.-   | 1                |
|      | 115 - 180A    | ■ 3MU7410-3BA1 | 22700.-   | 1                |
|      | 160 - 250A    | ■ 3MU7410-3CA1 | 27500.-   | 1                |
|      | 200 - 320A    | ■ 3MU7410-3DA1 | 27790.-   | 1                |
|      | 250 - 400A    | ■ 3MU7410-3EA1 | 31075.-   | 1                |
| 5    | 312 - 500A    | ■ 3MU7510-4AA1 | 35990.-   | 1                |

| Accessories                        | Size         | Type            | Unit LP ₹ | Std. pkg. (nos.) |
|------------------------------------|--------------|-----------------|-----------|------------------|
| Relay stand-alone installation kit | Size 1       | ■ 3MU7900-0MA10 | 1065.-    | 1                |
|                                    | Size 2       | ■ 3MU7900-0MA20 | 1350.-    | 1                |
|                                    | Size 3       | ■ 3MU7900-0MA30 | 2820.-    | 1                |
| Relay setting dial sealing cover   | Size 1, 2, 3 | ■ 3MU7900-0CA00 | 405.-     | 1                |

Note: Accessories shown are only applicable to 3MU71, 3MU72 and 3MU73.



# **SINOPLUS 3MT7**

## Capacitor Duty Contactors

Reliable Switching

**SIEMENS**

## 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 Contactors 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

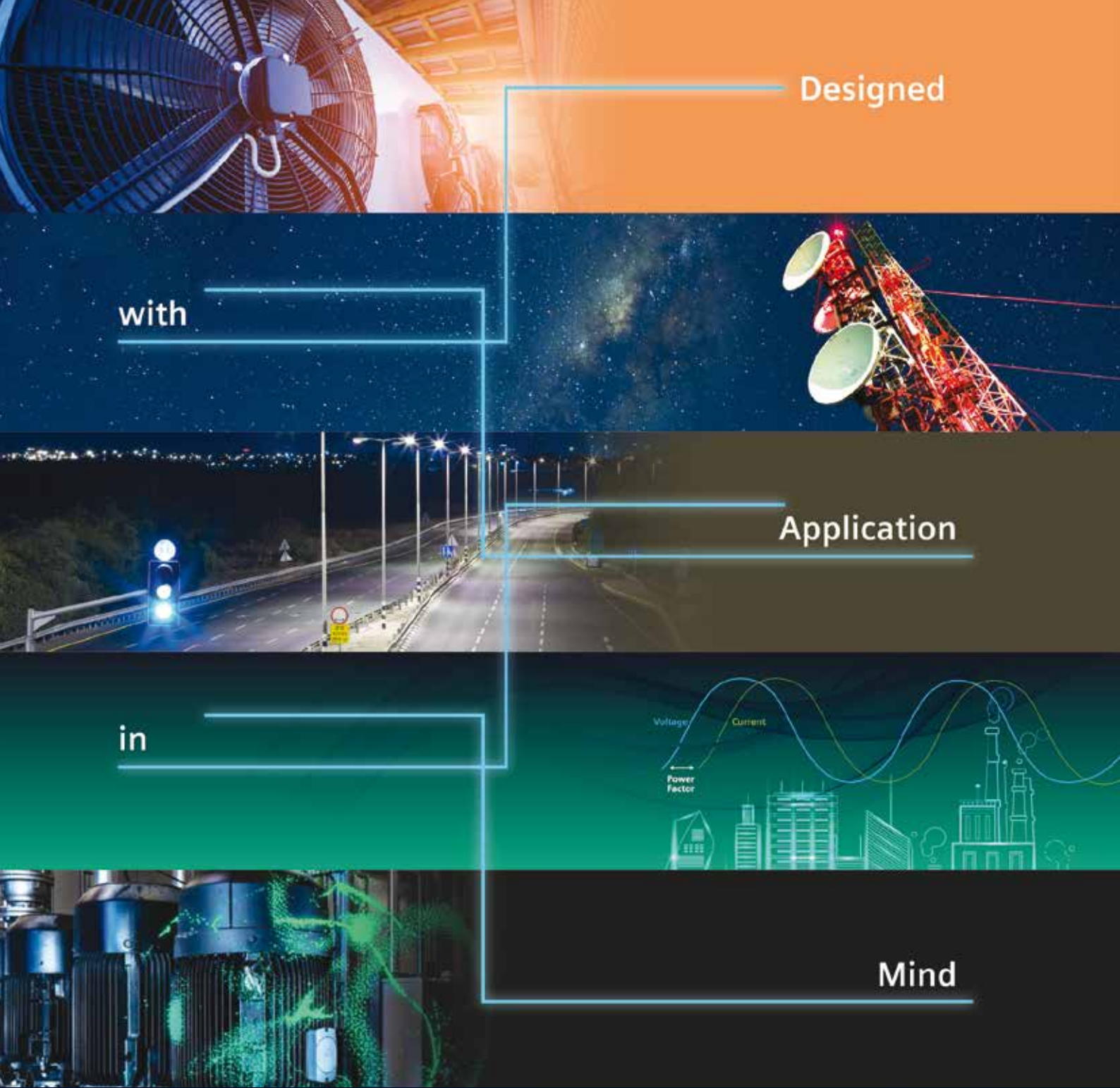
| Frequency | 110V AC | 220V AC | 240V AC | 415V AC |
|-----------|---------|---------|---------|---------|
| 50 Hz     | F0      | M0 ■    | U0 ■    | V0      |

## 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.-    |                  |
| 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               |



Designed

with

Application

in

Mind

**Explore 3TS** range of  
Contactors

**SIEMENS**

# Power Contactors



## 3TS Contactor

| Rating<br>Ie (AC-3)<br>415 V, 50 Hz | Built-in<br>aux<br>contacts | Coil<br>voltage<br>AC, 50 Hz | Type              | Unit<br>LP ₹ | Std.<br>pkg.<br>(nos.) |
|-------------------------------------|-----------------------------|------------------------------|-------------------|--------------|------------------------|
| 9 A                                 | 1 NO                        | 110 V                        | 3TS30 10-0AF0-08K | 2725.-       | 1                      |
|                                     | 1 NO                        | 230 V                        | 3TS30 10-0AP0-08K |              | 1                      |
|                                     | 1 NO                        | 415 V                        | 3TS30 10-0AR0-08K |              | 1                      |
|                                     | 1 NC                        | 110 V                        | 3TS30 01-0AF0-08K |              | 1                      |
|                                     | 1 NC                        | 230 V                        | 3TS30 01-0AP0-08K |              | 1                      |
|                                     | 1 NC                        | 415 V                        | 3TS30 01-0AR0-08K |              | 1                      |
| 12 A                                | 1 NO                        | 110 V                        | 3TS31 10-0AF0-08K | 3005.-       | 1                      |
|                                     | 1 NO                        | 230 V                        | 3TS31 10-0AP0-08K |              | 1                      |
|                                     | 1 NO                        | 415 V                        | 3TS31 10-0AR0-08K |              | 1                      |
|                                     | 1 NC                        | 110 V                        | 3TS31 01-0AF0-08K |              | 1                      |
|                                     | 1 NC                        | 230 V                        | 3TS31 01-0AP0-08K |              | 1                      |
|                                     | 1 NC                        | 415 V                        | 3TS31 01-0AR0-08K |              | 1                      |
| 18 A                                | 1 NO                        | 110 V                        | 3TS32 10-0AF0-08K | 3370.-       | 1                      |
|                                     | 1 NO                        | 230 V                        | 3TS32 10-0AP0-08K |              | 1                      |
|                                     | 1 NO                        | 415 V                        | 3TS32 10-0AR0-08K |              | 1                      |
|                                     | 1 NC                        | 110 V                        | 3TS32 01-0AF0-08K |              | 1                      |
|                                     | 1 NC                        | 230 V                        | 3TS32 01-0AP0-08K |              | 1                      |
|                                     | 1 NC                        | 415 V                        | 3TS32 01-0AR0-08K |              | 1                      |
| 25 A                                | —                           | 110 V                        | 3TS33 00-0AF0-08K | 4320.-       | 1                      |
|                                     | —                           | 230 V                        | 3TS33 00-0AP0-08K |              | 1                      |
|                                     | —                           | 415 V                        | 3TS33 00-0AR0-08K |              | 1                      |

| Rating<br>Ie (AC-3)<br>415 V, 50 Hz | Built-in<br>aux<br>contacts | Coil<br>voltage<br>AC, 50 Hz | Type              | Unit<br>LP ₹ | Std.<br>pkg.<br>(nos.) |
|-------------------------------------|-----------------------------|------------------------------|-------------------|--------------|------------------------|
| 32 A                                | —                           | 110 V                        | 3TS34 00-0AF0-08K | 9525.-       | 1                      |
|                                     | —                           | 230 V                        | 3TS34 00-0AP0-08K |              | 1                      |
|                                     | —                           | 415 V                        | 3TS34 00-0AR0-08K |              | 1                      |
| 40 A                                | —                           | 110 V                        | 3TS35 00-0AF0-08K | 13815.-      | 1                      |
|                                     | —                           | 230 V                        | 3TS35 00-0AP0-08K |              | 1                      |
|                                     | —                           | 415 V                        | 3TS35 00-0AR0-08K |              | 1                      |
| 50 A                                | —                           | 110 V                        | 3TS36 00-0AF0-08K | 19155.-      | 1                      |
|                                     | —                           | 230 V                        | 3TS36 00-0AP0-08K |              | 1                      |
|                                     | —                           | 415 V                        | 3TS36 00-0AR0-08K |              | 1                      |
| 65 A                                | 2NO+2NC                     | 110 V                        | 3TS47 22-0AF0-08K | 27195.-      | 1                      |
|                                     | 2NO+2NC                     | 230 V                        | 3TS47 22-0AP0-08K |              | 1                      |
|                                     | 2NO+2NC                     | 415 V                        | 3TS47 22-0AR0-08K |              | 1                      |
| 75 A                                | 2NO+2NC                     | 110 V                        | 3TS48 22-0AF0-08K | 35400.-      | 1                      |
|                                     | 2NO+2NC                     | 230 V                        | 3TS48 22-0AP0-08K |              | 1                      |
|                                     | 2NO+2NC                     | 415 V                        | 3TS48 22-0AR0-08K |              | 1                      |
| 85 A                                | 2NO+2NC                     | 110 V                        | 3TS49 22-0AF0-08K | 41415.-      | 1                      |
|                                     | 2NO+2NC                     | 230 V                        | 3TS49 22-0AP0-08K |              | 1                      |
|                                     | 2NO+2NC                     | 415 V                        | 3TS49 22-0AR0-08K |              | 1                      |
| 105 A                               | 2NO+2NC                     | 110 V                        | 3TS50 22-0AF0-08K | 50025.-      | 1                      |
|                                     | 2NO+2NC                     | 230 V                        | 3TS50 22-0AP0-08K |              | 1                      |
|                                     | 2NO+2NC                     | 415 V                        | 3TS50 22-0AR0-08K |              | 1                      |

## Spares and Accessories

### Auxiliary contact blocks

| For<br>contactor | Description             | Type                | Unit<br>LP ₹ | Std.pkg.<br>(nos.) |
|------------------|-------------------------|---------------------|--------------|--------------------|
| 3TS30 to 36      | 1NO                     | ■ 3TX4 010-2A       | 500.-        | 10                 |
|                  | 1NC                     | ■ 3TX4 001-2A       | 500.-        | 10                 |
|                  | 1NO (Extd)              | ■ 3TX4 010-4A       | 775.-        | 10                 |
|                  | 1NC (Extd)              | ■ 3TX4 001-4A       | 775.-        | 10                 |
| 3TS47 to 50      | Second 1NO+1NC<br>Left  | ■ 3TY7 561-1KA00 8K | 2105.-       | 1                  |
|                  | Second 1NO+1NC<br>Right |                     |              |                    |

### Main contact kits (set of 6 fixed & 3 moving contacts)

| Contactor<br>rating | Description                | Type           | Unit LP ₹ | Std. pkg.<br>(nos.) |
|---------------------|----------------------------|----------------|-----------|---------------------|
| 3TS33               | Spare main<br>contact kits | 3TS91 33-00 8K | 2520.-    | 1                   |
| 3TS34               |                            | 3TS91 34-00 8K | 3475.-    | 1                   |
| 3TS35               |                            | 3TS91 35-00 8K | 6660.-    | 1                   |
| 3TS36               |                            | 3TS91 36-00 8K | 9145.-    | 1                   |
| 3TS47               |                            | 3TS91 47-00 8K | 9790.-    | 1                   |
| 3TS48               |                            | 3TS91 48-00 8K | 14295.-   | 1                   |
| 3TS49               |                            | 3TS91 49-00 8K | 19150.-   | 1                   |
| 3TS50               |                            | 3TS91 50-00 8K | 25610.-   | 1                   |

For higher ratings please get in touch with your sales office

| Coil voltage                             |            | Type            | Unit LP ₹ | Std. pkg.<br>(nos.) |
|------------------------------------------|------------|-----------------|-----------|---------------------|
| AC                                       | DC         |                 |           |                     |
| Surge suppressor (varistor) for 3TS30-36 |            |                 |           |                     |
| 24 - 48 V                                | 24 - 70 V  | ■ 3TX7 402-3GY1 | 1430.-    | 10                  |
| 48 - 127V                                | 70 - 150V  | ■ 3TX7 402-3HY1 | 1430.-    | 10                  |
| 127 - 240V                               | 150 - 250V | ■ 3TX7 402-3JY1 | 1430.-    | 10                  |
| 240 - 400V                               | —          | 3TX7 402-3KY1   | 1840.-    | 10                  |
| 400 - 600V                               | —          | 3TX7 402-3LY1   | 1840.-    | 10                  |
| Surge suppressor (varistor) for 3TS47-50 |            |                 |           |                     |
| Less than 48V                            | 24 - 70V   | ■ 3TX7 462-3GY1 | 1965.-    | 10                  |
| 48 - 127V                                | 70 - 150V  | ■ 3TX7 462-3HY1 | 1965.-    | 10                  |
| 127 - 240V                               | 150 - 250V | ■ 3TX7 462-3JY1 | 1965.-    | 10                  |
| 240 - 400V                               | —          | 3TX7 462-3KY1   | 2080.-    | 10                  |
| 400 - 600V                               | —          | 3TX7 462-3LY1   | 2080.-    | 10                  |
| Surge suppressor (RC unit) for 3TS30-36  |            |                 |           |                     |
| 24 - 48 V                                | 24 - 70 V  | 3TX7 402-3RY2   | 2280.-    | 10                  |
| 48 - 127V                                | 70 - 150V  | 3TX7 402-3SY2   |           | 10                  |
| 127 - 240V                               | 150 - 250V | 3TX7 402-3TY2   |           | 10                  |
| 240 - 400V                               | —          | 3TX7 402-3UY2   |           | 10                  |
| 400 - 600V                               | —          | 3TX7 402-3VY2   |           | 10                  |

Smart. Easy. Reliable

Interlocking kit for two 3TS contactors  
(inclusive of base plate and interlocking mechanism)

| Contactor type | Type            | Unit LP ₹ | Std. pkg. (kits) |
|----------------|-----------------|-----------|------------------|
| 3TS30 - 3TS36  | ■ 3TX4 091-1A*  | 1580.-    | 10               |
| 3TS47 - 3TS48  | ■ 3TX7 466-1YA0 | 5595.-    | 2                |
| 3TS49 - 3TS50  | ■ 3TX7 486-1YA0 | 9120.-    | 2                |

\* W/o base plate (not required)

AC coils (50 Hz) spare coils

| For contactor | Type†           | Unit LP ₹             | Std. pkg. (nos.) |
|---------------|-----------------|-----------------------|------------------|
|               |                 | For 110/230/415V 50Hz |                  |
| 3TS30 - 3TS34 | ■ 3TY7 403-0A.. | 1800.-                | 1                |
| 3TS35 - 3TS36 | ■ 3TY7 443-0A.. | 2215.-                | 1                |
| 3TS47 - 3TS48 | ■ 3TY7 463-0A.. | 3845.-                | 1                |
| 3TS49 - 3TS50 | ■ 3TY7 483-0A.. | 7015.-                | 1                |

AC 50Hz coil code: 3TS30 to 3TS50

|                  |       |       |       |
|------------------|-------|-------|-------|
| Coil voltage (V) | ■ 110 | ■ 230 | ■ 415 |
| Code             | F0    | P0    | R0    |

Spare arc chamber

| Contactor rating | Description       | Type           | Unit LP ₹ | Std. pkg. (nos.) |
|------------------|-------------------|----------------|-----------|------------------|
| 3TS47            | Spare arc chamber | 3TS93 47-00 8K | 2650.-    | 1                |
| 3TS48            |                   | 3TS93 48-00 8K | 3235.-    | 1                |
| 3TS49            |                   | 3TS93 49-00 8K | 4670.-    | 1                |
| 3TS50            |                   | 3TS93 50-00 8K | 5445.-    | 1                |

Individual mounting accessory

| For relay type | Description                       | Type          | Unit LP ₹ | Std. pkg. (nos.) |
|----------------|-----------------------------------|---------------|-----------|------------------|
| 3US50 00       | Accessory for individual mounting | 3US91 50-008K | 1155.-    | 1                |
| 3US52 00       |                                   | 3US91 52-008K | 1205.-    | 1                |
| 3US55 00       |                                   | 3US91 55-008K | 1450.-    | 1                |
| 3US56 00       |                                   | 3US91 56-008K | 1450.-    | 1                |
| 3US58 00       |                                   | 3US91 58-008K | 1530.-    | 1                |

For higher ratings please get in touch with your sales office



Thermal overload relay

| Relay group | Recommended contactor            | Current range | Type          | Unit LP ₹ | Std.pkg. (nos.) |
|-------------|----------------------------------|---------------|---------------|-----------|-----------------|
| 3US50 00    | 3TS30<br>3TS31<br>3TS32          | 0.8 - 1.25    | 3US50 00-0K8K | 4490.-    | 1               |
|             |                                  | 1.0 - 1.6     | 3US50 00-1A8K | 4490.-    | 1               |
|             |                                  | 1.6 - 2.5     | 3US50 00-1C8K | 4490.-    | 1               |
|             |                                  | 2.5 - 4.0     | 3US50 00-1E8K | 4490.-    | 1               |
|             |                                  | 4.0 - 6.3     | 3US50 00-1G8K | 4505.-    | 1               |
|             |                                  | 6.3 - 10      | 3US50 00-1J8K | 4600.-    | 1               |
|             |                                  | 8 - 12.5      | 3US50 00-1K8K | 4600.-    | 1               |
|             |                                  | 10 - 16       | 3US50 00-2S8K | 4650.-    | 1               |
|             |                                  | 12.5 - 18     | 3US50 00-2B8K | 4650.-    | 1               |
| 3US52 00    | 3TS33<br>3TS34                   | 12.5 - 20     | 3US52 00-2B8K | 5170.-    | 1               |
| 16 - 25     |                                  | 3US52 00-2C8K | 5170.-        | 1         |                 |
| 3US55 00    |                                  | 25 - 32       | 3US55 00-2D8K | 7890.-    | 1               |
| 3US56 00    | 3TS35<br>3TS36                   | 20 - 32       | 3US56 00-2D8K | 8125.-    | 1               |
|             |                                  | 25 - 36       | 3US56 00-2Q8K | 8125.-    | 1               |
|             |                                  | 32 - 40       | 3US56 00-2R8K | 8500.-    | 1               |
|             |                                  | 36 - 45       | 3US56 00-8M8K | 8500.-    | 1               |
| 3US58 00    | 3TS47<br>3TS48<br>3TS49<br>3TS50 | 40 - 57       | 3US58 00-2T8K | 10925.-   | 1               |
|             |                                  | 50 - 63       | 3US58 00-2P8K | 13665.-   | 1               |
|             |                                  | 57 - 70       | 3US58 00-2V8K | 13665.-   | 1               |
|             |                                  | 63 - 80       | 3US58 00-2U8K | 13665.-   | 1               |
|             |                                  | 70 - 95       | 3US58 00-8Y8K | 13665.-   | 1               |
|             |                                  | 85 - 105      | 3US58 00-5C8K | 14505.-   | 1               |

Accessories for birelays

| Description                                            | For relay type | Type                         | Unit LP ₹ | Std. pkg. (nos.) |
|--------------------------------------------------------|----------------|------------------------------|-----------|------------------|
| Resetting plunger funnel                               | 3US5           | 3UX10 11<br>3UX10 13         | 525.-     | 10<br>10         |
| Reset cord + holder:<br>400 mm length<br>600 mm length | 3US5           | 3UX10 15<br>3UX10 16         | 725.-     | 5<br>5           |
| Protection cover                                       | 3US5           | 3UX11 10 1YA<br>3UX11 11 1YA | 615.-     | 10<br>10         |

■ Stock items

## 3TS Converter duty Contactors

### Features

- Offers one of the highest AC-1 rating in given size
- Arc chamber interlock
- SIGUT Termination technique
- Compact Dimensions
- Screw mounting
- Double break parallel bridge auxiliary contacts

### Applications

- VFD, Soft Starters applications
- UPS
- Solar and Wind inverters
- Resistive loads
- Battery charging
- Neutral switching



| Contactor Size | Rated current Ie (A)<br>AC1 at 415V | AC Coil          |           |                  |
|----------------|-------------------------------------|------------------|-----------|------------------|
|                |                                     | Type             | Unit LP ₹ | Std. pkg. (nos.) |
| 3              | 100                                 | 3TS4822-0A..1-8K | 22040.-   | 1                |
| 4              | 145                                 | 3TS5022-0A..1-8K | 38395.-   | 1                |
| 6              | 200                                 | 3TS5122-0A..1-8K | 51700.-   | 1                |
| 6              | 225                                 | 3TS5222-0A..1-8K | 59970.-   | 1                |
| 8              | 275                                 | 3TS5322-0A..1-8K | 85205.-   | 1                |
| 8              | 325                                 | 3TS5422-0A..1-8K | 96325.-   | 1                |
| 10             | 400                                 | 3TS5522-0A..1-8K | 108975.-  | 1                |
| 12             | 525                                 | 3TS5622-0A..1-8K | 149190.-  | 1                |

\* for 3TS48-3TF56

|                  | AC Coil (50Hz) |     |
|------------------|----------------|-----|
| Code             | F0             | P0  |
| Coil voltage (V) | 110            | 230 |

## 3TS 2 Pole Contactors

### Benefits:

- Ease of wiring (can avoid use of lugs)
- Operator Safety (contactor cannot be switched-on if arc chamber is not fitted properly)
- Flexible mounting
- Space saving
- Unmatched contact reliability  
(ensures reliable contact at low voltage & low currents)

### Standards:

3TS contactors conform to IS 13947 and IEC 60947. They also carry CE mark.

### Application:

- Single Phase Pumps
- HVAC
- ESP
- Lighting



| Rated current (A) Ie AC3 upto 415V | Auxiliary contacts | Type*            | Unit LP ₹ | Std. pkg. (nos.) |
|------------------------------------|--------------------|------------------|-----------|------------------|
| 9                                  | 1NO                | 3TS3010-0A..2-8K | 1950.-    | 1                |
| 12                                 | 1NO                | 3TS3110-0A..2-8K | 2170.-    | 1                |
| 18                                 | 1NO                | 3TS3210-0A..2-8K | 2515.-    | 1                |
| 25                                 | -                  | 3TS3300-0A..2-8K | 3115.-    | 1                |
| 32                                 | -                  | 3TS3400-0A..2-8K | 6850.-    | 1                |
| 40                                 | -                  | 3TS3500-0A..2-8K | 9780.-    | 1                |
| 50                                 | -                  | 3TS3600-0A..2-8K | 12440.-   | 1                |
| 65                                 | 2NO+2NC            | 3TS4722-0A..2-8K | 18690.-   | 1                |
| 75                                 | 2NO+2NC            | 3TS4822-0A..2-8K | 22040.-   | 1                |
| 85                                 | 2NO+2NC            | 3TS4922-0A..2-8K | 25655.-   | 1                |
| 105                                | 2NO+2NC            | 3TS5022-0A..2-8K | 33790.-   | 1                |
| 140                                | 2NO+2NC            | 3TS5122-0A..2-8K | 41065.-   | 1                |
| 160                                | 2NO+2NC            | 3TS5222-0A..2-8K | 55845.-   | 1                |
| 205                                | 2NO+2NC            | 3TS5322-0A..2-8K | 61530.-   | 1                |
| 250                                | 2NO+2NC            | 3TS5422-0A..2-8K | 70650.-   | 1                |
| 300                                | 2NO+2NC            | 3TS5522-0A..2-8K | 89145.-   | 1                |
| 400                                | 2NO+2NC            | 3TS5622-0A..2-8K | 115300.-  | 1                |

| #Coil voltage (V AC 50Hz) | 110 V AC | 230 V AC | 415V AC |
|---------------------------|----------|----------|---------|
| Code                      | F0       | P0       | R0      |

## Spares for 3TS Contactors

### Convertor Duty

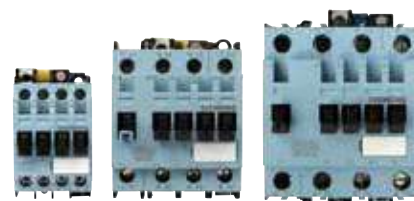
Main contact kits (set of 6 fixed & 3 moving contacts)

| Contactor rating | Description             | Type*         | Unit LP ₹ | Std. pkg. (nos.) |
|------------------|-------------------------|---------------|-----------|------------------|
| 3TS48            | Spare main contact kits | 3TS9148-01-8K | 13330.-   | 1                |
| 3TS50            |                         | 3TS9150-01-8K | 23775.-   | 1                |
| 3TS51            |                         | 3TS9151-01-8K | 32340.-   | 1                |
| 3TS52            |                         | 3TS9152-01-8K | 36160.-   | 1                |
| 3TS53            |                         | 3TS9153-01-8K | 51335.-   | 1                |
| 3TS54            |                         | 3TS9154-01-8K | 57055.-   | 1                |
| 3TS55            |                         | 3TS9155-01-8K | 62760.-   | 1                |
| 3TS56            |                         | 3TS9156-01-8K | 83695.-   | 1                |

### Spare coils

|          | AC Coil*     | Unit LP ₹ |
|----------|--------------|-----------|
| 3TS48    | 3TY7463-0A.. | 3845.-    |
| 3TS50    | 3TY7483-0A.. | 7015.-    |
| 3TS51/52 | 3TY7503-0A.. | 7145.-    |
| 3TS53/54 | 3TY7523-0A.. | 9050.-    |
| 3TS55    | 3TY7543-0A.. | 10950.-   |
| 3TS56    | 3TY7563-0A.. | 15905.-   |

# 3TS 4 Pole Contactors for Power Applications



| Contactor Size | Rated current I <sub>e</sub> (A)<br>AC1 at 415V | AC Coil <sup>1)</sup> | Unit LP ₹     |                 | DC Coil <sup>1)</sup> | Unit LP ₹     |                 |
|----------------|-------------------------------------------------|-----------------------|---------------|-----------------|-----------------------|---------------|-----------------|
|                |                                                 |                       | Standard Coil | Electronic Coil |                       | Standard Coil | Electronic Coil |
| Size 0         | 18A                                             | 3TS3100-0A..4-8K      | 3125.-        |                 | 3TS3100-0B..4-8K      | 6190.-        |                 |
| Size 0         | 25A                                             | 3TS3200-0A..4-8K      | 3300.-        |                 | 3TS3200-0B..4-8K      | 7015.-        |                 |
| Size 1         | 35A                                             | 3TS3300-0A..4-8K      | 3720.-        |                 | 3TS3300-0B..4-8K      | 7995.-        |                 |
| Size 1         | 40A                                             | 3TS3400-0A..4-8K      | 4900.-        |                 | 3TS3400-0B..4-8K      | 11825.-       |                 |
| Size 2         | 45A                                             | 3TS3500-0A..4-8K      | 5740.-        | 7040.-          | 3TS3500-0B..4-8K      |               | 13615.-         |
| Size 2         | 50A                                             | 3TS3600-0A..4-8K      | 6370.-        | 7725.-          | 3TS3600-0B..4-8K      |               | 17255.-         |
| Size 2         | 65A                                             | 3TS3700-0A..4-8K      | 12495.-       | 13900.-         | 3TS3700-0B..4-8K      |               | 24275.-         |
| Size 2         | 65A*                                            | 3TS3700-0A..4-8KA0    | 14105.-       | 15490.-         | 3TS3700-0B..4-8KA0    |               | 27840.-         |

1) Please add coil voltage code from table below

\* 50A AC-3 rating

| Size 0 & 1    | Standard Coil |             |             |      |             |
|---------------|---------------|-------------|-------------|------|-------------|
|               | AC (50 Hz)    |             |             | DC   |             |
| Code          | F7            | M7          | R7          | B4   | E4          |
| Coil Voltages | 87...127 V    | 175...240 V | 337...427 V | 24 V | 52...55V DC |

| Size 2        | Standard Coil |       |       | Electronic Coil  |             |      |             |
|---------------|---------------|-------|-------|-------------------------------------------------------------------------------------------------------|-------------|------|-------------|
|               | AC (50 Hz)    |       |       | AC (50 Hz)                                                                                            |             | DC   |             |
| Code          | F0            | P0    | R0    | F7                                                                                                    | M7          | B4   | E4          |
| Coil Voltages | 110 V         | 230 V | 415 V | 81...136 V                                                                                            | 137...273 V | 24 V | 52...55V DC |

## Accessories

| Auxiliary Contact Block | Type        | Unit LP ₹ |
|-------------------------|-------------|-----------|
| 1 NO                    | 3TX40 10-2A | 500.-     |
| 1 NC                    | 3TX40 01-2A | 500.-     |

| Mechanical Interlock | Type              | Unit LP ₹ |
|----------------------|-------------------|-----------|
| Size 0 and Size 1    | 3TX4091-1A        | 1580.-    |
| S2                   | 3TX4091-1A        | 1580.-    |
|                      | +<br>3TX4091-1G** | 415.-     |

| Surge Suppressor           |                 | Coil Voltage |            | Varistors    |           | RC Element   |           |
|----------------------------|-----------------|--------------|------------|--------------|-----------|--------------|-----------|
|                            |                 | AC           | DC         | Type         | Unit LP ₹ | Type         | Unit LP ₹ |
| Size 0 , Size 1 and Size 2 | Standard Coil   | 24 - 48 V    | 24 - 70 V  | 3TX7402-3GY1 | 1430.-    | 3TX7402-3RY2 | 2280.-    |
|                            |                 | 48 - 127V    | 70 - 150V  | 3TX7402-3HY1 | 1430.-    | 3TX7402-3SY2 |           |
|                            |                 | 127 - 240V   | 150 - 250V | 3TX7402-3JY1 | 1430.-    | 3TX7402-3TY2 |           |
|                            |                 | 240 - 400V   | –          | 3TX7402-3KY1 | 1840.-    | 3TX7402-3UY2 |           |
| Size 2                     | Electronic Coil | 81-273V AC   |            |              |           | 3TX7402-3PY2 |           |
|                            |                 |              | 24-55V     |              |           | 3TX7402-3QY2 |           |

\*\*Used only when the contactors are DIN rail mounted. Refer catalog for more details

## Main Contact Kits (set of 8 fixed and 4 moving contacts)

| Contactor Size | Rated current I <sub>e</sub> (A)<br>AC1 at 415V | For Contactor | Type       | Unit LP ₹ |
|----------------|-------------------------------------------------|---------------|------------|-----------|
| Size 1         | 35A                                             | 3TS3300       | 3TS9133-0E | 3185.-    |
| Size 1         | 40A                                             | 3TS3400       | 3TS9134-0E | 4500.-    |
| Size 2         | 45A                                             | 3TS3500       | 3TS9135-0E | 6835.-    |
| Size 2         | 50A                                             | 3TS3600       | 3TS9136-0E | 8055.-    |
| Size 2         | 65A                                             | 3TS3700       | 3TS9137-0E | 8065.-    |
| Size 2         | 65A*                                            | 3TS3700       | 3TS9137-0A | 11680.-   |

\* 50A AC-3 rating

## Spare Coils

| Contactor Size | Type <sup>2)</sup>            | Unit LP ₹ | Type <sup>2)</sup>            | Unit LP ₹ |
|----------------|-------------------------------|-----------|-------------------------------|-----------|
|                | AC                            |           | DC                            |           |
| Size 0         | 3TS9231-0A..4-8K              | 1865.-    | 3TS9231-0B..4-8K              | 2545.-    |
| Size 1         | 3TS9233-0A..4-8K              | 2000.-    | 3TS9233-0B..4-8K              | 2660.-    |
| Size 2         | 3TS9235-0A..4-8K (Standard)   | 2215.-    |                               |           |
| Size 2         | 3TS9235-0A..4-8K (Electronic) | 3215.-    | 3TS9235-0B..4-8K (Electronic) | 3810.-    |

2) Please add voltage code from table in page no 48



## 3TS Single Pole LED Contactors

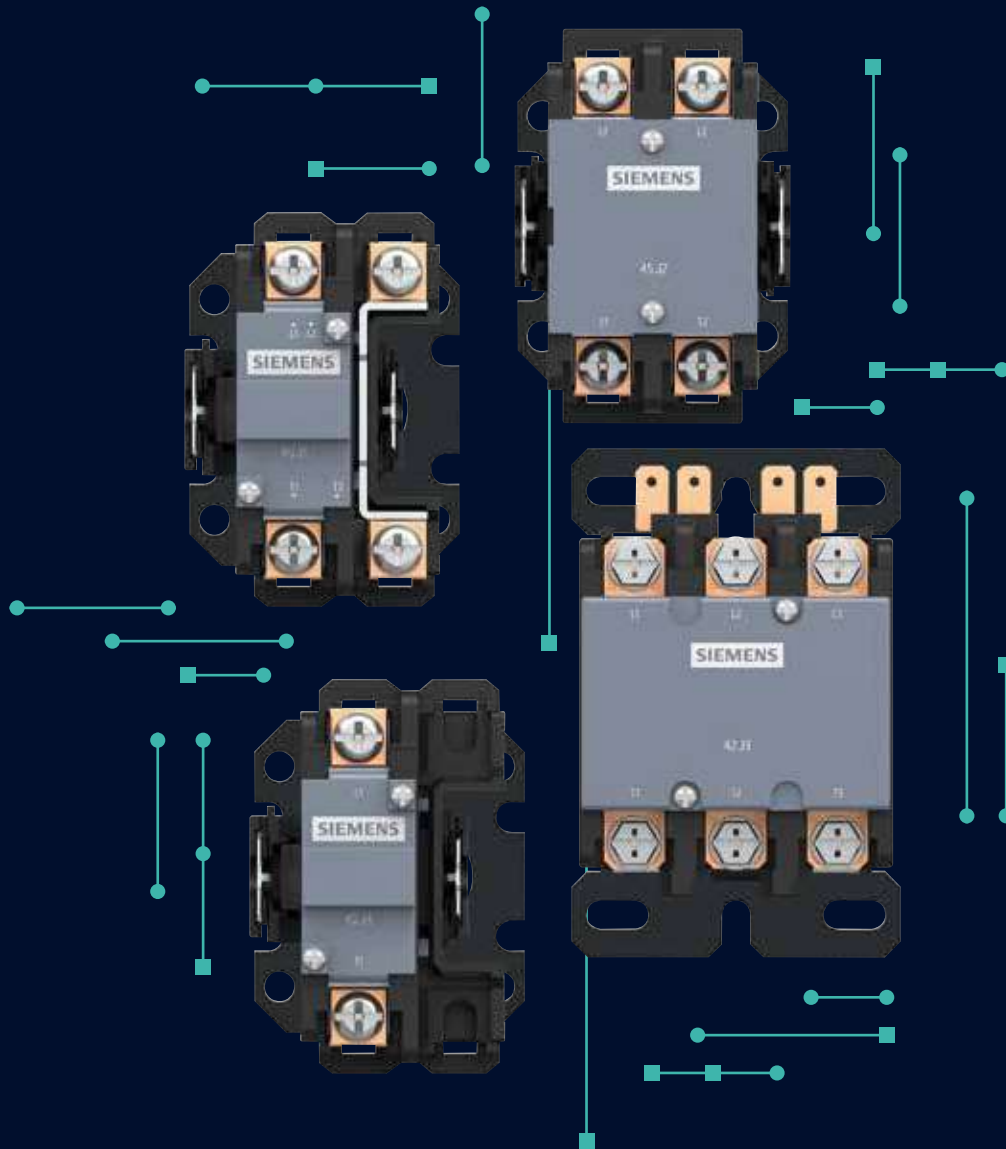
Siemens 3TS LED Contactors been designed keeping in mind the challenges in LED lamp switching applications and thus offers a highly reliable & safe solution to the customer

Available in  
**4000W** - 3TS3210-0AM71-8K  
**8000W** - 3TS3310-0AM71-8K

Price on request



# Definite Purpose Contactors 45.J & 42.J



**SIEMENS**

## Definite Purpose Contactors – 42.J & 45.J

| Ordering data        | AC 8a rating | Pan screw | Hex screw quad quick connect | Unit MRP ₹ | Std pkg (nos) |
|----------------------|--------------|-----------|------------------------------|------------|---------------|
| 1 Pole with shunt    | 25A ■        | 45CJ10A_B | 45CJ10A_C                    | 2040.-     | 1             |
|                      | 30A ■        | 45DJ10A_B | 45DJ10A_C                    | 2105.-     | 1             |
|                      | 40A          | 45EJ10A_B | 45EJ10A_C                    | 2175.-     | 1             |
| 1 Pole without shunt | 25A ■        | 45CJ40A_B | 45CJ40A_C                    | 1925.-     | 1             |
|                      | 30A ■        | 45DJ40A_B | 45DJ40A_C                    | 1990.-     | 1             |
|                      | 40A          | 45EJ40A_B | 45EJ40A_C                    | 2065.-     | 1             |



| Ordering data | AC 8a rating | Box with lug dual quick connect | Hex screw dual quick connect | Unit MRP ₹ | Std pkg (nos) |
|---------------|--------------|---------------------------------|------------------------------|------------|---------------|
| 2 Pole        | 20A ■        | 45BJ20A_D                       | 45BJ20A_E                    | 2445.-     | 1             |
|               | 30A ■        | 45DJ20A_D                       | 45DJ20A_E                    | 2470.-     | 1             |
|               | 40A ■        | 45EJ20A_D                       | 45EJ20A_E                    | 2545.-     | 1             |



| Ordering data                            | AC 8a rating | Box with lug dual quick connect | Hex screw dual quick connect | Unit MRP ₹ | Std pkg (nos) |
|------------------------------------------|--------------|---------------------------------|------------------------------|------------|---------------|
| 3 Pole                                   | 20A          | 42BJ35A_D                       | 42BJ35A_E                    | 3145.-     | 1             |
|                                          | 25A          | 42CJ35A_D                       | 42CJ35A_E                    | 3195.-     | 1             |
|                                          | 30A          | 42DJ35A_D                       | 42DJ35A_E                    | 3225.-     | 1             |
|                                          | 40A ■        | 42EJ35A_D                       | 42EJ35A_E                    | 3295.-     | 1             |
| 3 Pole with inbuilt 1NO+1NC aux contacts | 20A          | 42BJ36A_D                       | 42BJ36A_E                    | 3895.-     | 1             |
|                                          | 25A          | 42CJ36A_D                       | 42CJ36A_E                    | 3940.-     | 1             |
|                                          | 30A          | 42DJ36A_D                       | 42DJ36A_E                    | 3965.-     | 1             |
|                                          | 40A ■        | 42EJ36A_D                       | 42EJ36A_E                    | 4045.-     | 1             |



Please add coil code from table below

| Spare coil for contactor | Type ref | Unit MRP ₹ | Std pkg (nos) |
|--------------------------|----------|------------|---------------|
| 1 Pole contactor         | 75J19A_  | 595.-      | 1             |
| 2 Pole contactor         | 75J29A_  | 720.-      | 1             |
| 3 Pole contactor         | 75J39A_  | 815.-      | 1             |

Please add coil code from table below

| Coil Code | J                | F              | G                 | L              | H              | E                                                           | P                                           |
|-----------|------------------|----------------|-------------------|----------------|----------------|-------------------------------------------------------------|---------------------------------------------|
| Voltage   | 24V AC, 50/60 Hz | 120V AC, 60 Hz | 240V AC, 50/60 Hz | 277V AC, 60 Hz | 480V AC, 60 Hz | 145-180V AC, 50 Hz<br>(available only for 1P & 2P versions) | 170-240V AC, 50 Hz<br>available for 1P & 2P |

■ Standard material

# SIEMENS



## Continuing the Legacy...

### 3VS Motor Protection Circuit Breakers

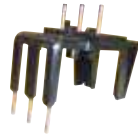
MPCBs for motor protection



| Overload release range<br>A | Type<br>(w/o aux. contact) | Unit LP ₹ | Type<br>(with 1NO+1NC) | Unit LP ₹ | Std. pkg. (nos) |
|-----------------------------|----------------------------|-----------|------------------------|-----------|-----------------|
| 0.1 - 0.16                  | 3VS1300-0MB00              | 8280.-    | 3VS1300-1MB00          | 9925.-    | 1               |
| 0.16 - 0.24                 | 3VS1300-0MC00              |           | 3VS1300-1MC00          |           | 1               |
| 0.24 - 0.4                  | 3VS1300-0MD00              |           | 3VS1300-1MD00          | 10025.-   | 1               |
| 0.4 - 0.6                   | 3VS1300-0ME00              | 9640.-    | 3VS1300-1ME00          | 11290.-   | 1               |
| 0.6 - 1                     | 3VS1300-0MF00              |           | 3VS1300-1MF00          | 11725.-   | 1               |
| 1 - 1.6                     | 3VS1300-0MG00              | 9715.-    | 3VS1300-1MG00          | 11840.-   | 1               |
| 1.6 - 2.4                   | 3VS1300-0MH00              |           | 3VS1300-1MH00          |           | 1               |
| 2 - 3.2                     | 3VS1300-0NH00              | 10165.-   | 3VS1300-1NH00          | 11940.-   | 1               |
| 2.4 - 4                     | 3VS1300-0MJ00              |           | 3VS1300-1MJ00          |           | 1               |
| 3.2 - 5                     | 3VS1300-0NJ00              |           | 3VS1300-1NJ00          |           | 1               |
| 4 - 6                       | 3VS1300-0MK00              |           | 3VS1300-1MK00          |           | 1               |
| 5 - 8                       | 3VS1300-0NK00              |           | 3VS1300-1NK00          | 12065.-   | 1               |
| 6 - 10                      | 3VS1300-0ML00              | 10265.-   | 3VS1300-1ML00          |           | 1               |
| 8 - 13                      | 3VS1300-0NL00              | 11790.-   | 3VS1300-1NL00          | 13240.-   | 1               |
| 10 - 16                     | 3VS1300-0MM00              | 12345.-   | 3VS1300-1MM00          | 13850.-   | 1               |
| 14 - 20                     | 3VS1300-0MN00              | 12575.-   | 3VS1300-1MN00          | 14115.-   | 1               |
| 18 - 25                     | 3VS1300-0MP00              | 14030.-   | 3VS1300-1MP00          | 15065.-   | 1               |

## Accessories for 3VS

| Description                    | Version     | Type            | Unit LP ₹ | Std. pkg. (nos.) |
|--------------------------------|-------------|-----------------|-----------|------------------|
| Add-on aux. block              | 1 NO + 1 NC | ■ 3VU9131-3AA00 | 2575.-    | 1                |
| Short-circuit signaling switch | 1 NO + 1 NC | ■ 3VU9131-7AA00 | 2970.-    | 1                |



## 3TS-3VS Connector

| MPCB  |             | Contactor       |                    | Type of Connector | Unit LP ₹ | Std. pkg. (nos.) |
|-------|-------------|-----------------|--------------------|-------------------|-----------|------------------|
| Type  | Current     | Type Rating     | AC3 Current Rating |                   |           |                  |
| 3VS13 | 0.16 to 20A | 3TS30 / 31 / 32 | 9 / 12 A           | 3TS9001-8K        | 735.-     | 1                |
| 3VS13 | 6 to 25A    | 3TS33 / 34      | 16 / 22A           | 3TS9002-8K        | 885.-     | 1                |

| Description                                                                                                | Version                                                                 | Type                         | Unit LP ₹        | Std. pkg. (nos.) |
|------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|------------------------------|------------------|------------------|
| Door operating mechanism with door interlock, defeat facility, pad locking facility, extension shaft 300mm | Breaker operating kit & front drive (fixed coupler) for 3VS13 for 3VS16 | ■ 3VU9133-Z®<br>■ 3VU9163-Z® | 6645.-<br>7080.- | 1<br>1           |
| Front drive for 3VS                                                                                        | Fixed coupler                                                           | ■ 8UC616®                    | 1950.-           | 1                |

@ 1 set available with breaker operator kit and 8UC front drive together

# MRP



■ Stock items

Please order in multiples of standard packing.

## Timing and Monitoring Relays



### Features and Benefits

- Two sizes for the entire range 17.5mm & 35mm width
- The entire range is suitable for DIN rail mounting
- Variant with digital display
- Auto / Manual reset



| Relay                        | MLFB     | Neutral loss protection | Phase failure protection | Imbalance protection | Phase reversal protection | Under voltage protection | Over voltage protection | Under freq protection | Over freq protection | Other parameters                                    |
|------------------------------|----------|-------------------------|--------------------------|----------------------|---------------------------|--------------------------|-------------------------|-----------------------|----------------------|-----------------------------------------------------|
| Line monitoring relay        | 7UG0 712 |                         | ✓                        | ✓                    | ✓                         |                          |                         |                       |                      |                                                     |
|                              | 7UG0 814 | ✓                       | ✓                        | ✓                    | ✓                         | ✓                        | ✓                       | ✓                     | ✓                    |                                                     |
|                              | 7UG0 818 |                         | ✓                        | ✓                    | ✓                         | ✓                        | ✓                       | ✓                     | ✓                    |                                                     |
| Voltage Monitoring relay     | 7UG0 753 |                         | ✓                        |                      | ✓                         | ✓                        | ✓                       |                       |                      |                                                     |
| Current Monitoring relay     | 7UG0 82  |                         | ✓                        | ✓                    |                           |                          |                         |                       |                      | Under-current and over-current protection           |
|                              | 7UG0 83  |                         | ✓                        | ✓                    |                           |                          |                         |                       |                      | Under-current and over-current protection           |
| Earth leakage relay          | 7UG0 84  |                         |                          |                      |                           |                          |                         |                       |                      | Earth leakage protection                            |
| Earth fault monitoring relay | 7UG0 86  |                         |                          |                      |                           |                          |                         |                       |                      | Earth fault protection                              |
| Temperature controller (TC)  | 7UG0 48  |                         |                          |                      |                           |                          |                         |                       |                      | Monitors temperature, input sensor TC/RTD           |
| Water level controller relay | 7UG08 85 |                         |                          |                      |                           |                          |                         |                       |                      | Monitors and controls liquid level (conductive)     |
| Thermistor protection relay  | 7UG08 81 |                         |                          |                      |                           |                          |                         |                       |                      | Sensor input: Positive coefficient thermistor (PTC) |

## 7UG0 monitoring relays

| Description                                          |                                                                |                                                                                | Type           | Unit LP ₹ | Std. pkg. (nos.) |
|------------------------------------------------------|----------------------------------------------------------------|--------------------------------------------------------------------------------|----------------|-----------|------------------|
| Line monitoring relay                                | Self powered                                                   | 3Ph-3W                                                                         | 7UG0712-1AA20  | 2650.-    | 1                |
|                                                      | Self powered                                                   | 1Ph-2W, 3Ph-3W, 3Ph-4W                                                         | 7UG0814-1CA20  | 6210.-    | 1                |
|                                                      | Self powered                                                   | 3Ph-3W, 3Ph-4W                                                                 | 7UG0818-1CA20  | 5685.-    | 1                |
| Voltage Monitoring relay                             | Self powered                                                   | 3Ph-3W                                                                         | 7UG0753-1AA20  | 4520.-    | 1                |
| Current Monitoring relay                             | 230 V AC                                                       | 1Ph-2W                                                                         | 7UG0822-1AD20  | 7005.-    | 1                |
|                                                      | 110 V AC                                                       | 1Ph-2W, 3Ph-3W, 3Ph-4W                                                         | 7UG0831-1AB20  | 8945.-    | 1                |
|                                                      | 230 V AC                                                       | 1Ph-2W, 3Ph-3W, 3Ph-4W                                                         | 7UG0832-1AD20  | 8515.-    | 1                |
|                                                      | 110 V AC                                                       | 1Ph-2W, 3Ph-3W, 3Ph-4W                                                         | 7UG0841-1CB20  | 9440.-    | 1                |
| Earth leakage relay                                  | 230 V AC                                                       | 1Ph-2W, 3Ph-3W, 3Ph-4W                                                         | 7UG0842-1CD20  | 9535.-    | 1                |
|                                                      |                                                                |                                                                                |                |           |                  |
| CBCT for ELR                                         |                                                                | 35mm                                                                           | 7UG09-96       | 3430.-    | 1                |
|                                                      |                                                                | 70mm                                                                           | 7UG09-97       | 3925.-    | 1                |
|                                                      |                                                                | 120mm                                                                          | 7UG09-99       | 6690.-    | 1                |
|                                                      |                                                                | 210mm                                                                          | 7UG0 994*      | 12860.-   | 1                |
|                                                      |                                                                | 310mm                                                                          | 7UG0 995*      | 19170.-   | 1                |
| Earth Fault monitoring relay                         | 1 Ph-2W, 3Ph-3W, 3Ph-4W                                        |                                                                                | 7UG0861-1BU20  | 9755.-    | 1                |
| CBCT for EFR: 160 frame                              | Core Balance CT 160 frame, 3P                                  |                                                                                | 7UG09910       | 3365.-    | 1                |
|                                                      | Core Balance CT 160 frame, 4P                                  |                                                                                | 7UG09911       | 3840.-    | 1                |
| CBCT for EFR: 250 frame                              | Core Balance CT 250 frame, 3P                                  |                                                                                | 7UG09912       | 4065.-    | 1                |
|                                                      | Core Balance CT 250 frame, 4P                                  |                                                                                | 7UG09913       | 4790.-    | 1                |
| CBCT for EFR: 630 frame                              | Core Balance CT 630 frame, 3P                                  |                                                                                | 7UG09914       | 5995.-    | 1                |
|                                                      | Core Balance CT 630 frame, 4P                                  |                                                                                | 7UG09915       | 6490.-    | 1                |
| Automatic Power factor correction relay (APFC relay) | 8 Stage with LCD display                                       |                                                                                | 7UG0571-1FT20  | 35670.-   | 1                |
|                                                      | 12 Stage with LCD display                                      |                                                                                | 7UG0572-1GT20  | 38210.-   | 1                |
|                                                      | 12 stage with LED display                                      |                                                                                | 7UG0572-1GT21  | 21845.-   | 1                |
| Temperature controlling relay                        | PID/ON-OFF Control suitable for PTC/RTD inputs CO + SSR output |                                                                                | 7UG0 480-1IU20 | 7160.-    | 1                |
| Water level controller relay                         | 110-240V AC/DC                                                 | Single tank (suction or filling) or dual tank (suction and filling) monitoring | 7UG0885-1JU20  | 3700.-    | 1                |
| Sensor for water level controller relay              | Pack of 3 sensor                                               |                                                                                | 7UG0985-0YY00  | 1110.-    | 1                |
| Thermistor protection relay                          | 110-240V AC/DC                                                 |                                                                                | 7UG0881-1BU20  | 4310.-    | 1                |

## 7PV0 timers

| Description                              |                          |              | Type          | Unit LP ₹ | Std. pkg. (nos.) |
|------------------------------------------|--------------------------|--------------|---------------|-----------|------------------|
| ON delay timer                           | 230V AC                  |              | 7PV0712-1AD20 | 2620.-    | 1                |
| Multifunction timer with digital display | 20-240V AC/DC            | 15 functions | 7PV0732-1AV20 | 5145.-    | 1                |
| Multifunction timer - analog             | 20-240V AC / 12--240V DC | 10 functions | 7PV0723-1AZ20 | 3430.-    | 1                |

Note: \* Non RoHS and CE

# Plug-in-relay - 7RQ

Now in  
TI - GREY

NEW

CE RoHS  
Compliant

## Features and Benefits

- LED status indicator as a standard feature - allows personnel to see the relay status in dark conditions
- Mechanical indicators - allow personnel to see relay status under normal light or bright conditions
- Easy grip cover - adds to the ease of removing the relay from the socket
- Removable I.D. (identification) label- allows for easy identification
- Wide operating voltage range
- DIN rail / PCB mounting – Quick & Easy Installation



| Relay                                                                              | Standard Features                    | Control supply voltage* (V) | Type | Unit LP ₹     | Std. pkg. (nos.) |
|------------------------------------------------------------------------------------|--------------------------------------|-----------------------------|------|---------------|------------------|
| 1CO                                                                                |                                      |                             |      |               |                  |
|    | 6A 5 pin                             | DC                          | 24   | 7RQ0100-0AC00 | 605.- 10         |
|                                                                                    |                                      |                             | 48   | 7RQ0100-0AD00 | 805.- 10         |
|                                                                                    |                                      |                             | 110  | 7RQ0100-0AE00 | 1090.- 10        |
|                                                                                    | • Mechanical Flag<br>• LED indicator | AC                          | 24   | 7RQ0100-0AM10 | 765.- 10         |
|                                                                                    |                                      |                             | 48   | 7RQ0100-0AN10 | 1090.- 10        |
|                                                                                    |                                      |                             | 110  | 7RQ0100-0AP10 | 1135.- 10        |
|                                                                                    |                                      |                             | 230  | 7RQ0100-0AR10 | 1160.- 10        |
| 2CO                                                                                |                                      |                             |      |               |                  |
|   | 6A 8 pin                             | DC                          | 24   | 7RQ0100-0BC00 | 830.- 10         |
|                                                                                    |                                      |                             | 48   | 7RQ0100-0BD00 | 995.- 10         |
|                                                                                    |                                      |                             | 110  | 7RQ0100-0BE00 | 1075.- 10        |
|                                                                                    | • Mechanical Flag<br>• LED indicator | AC                          | 24   | 7RQ0100-0BM10 | 970.- 10         |
|                                                                                    |                                      |                             | 48   | 7RQ0100-0BN10 | 1075.- 10        |
|                                                                                    |                                      |                             | 110  | 7RQ0100-0BP10 | 1100.- 10        |
|                                                                                    |                                      |                             | 230  | 7RQ0100-0BR10 | 1120.- 10        |
| 2CO                                                                                |                                      |                             |      |               |                  |
|  | 10A 8 pin                            | DC                          | 24   | 7RQ0110-0BC00 | 1075.- 10        |
|                                                                                    |                                      |                             | 48   | 7RQ0110-0BD00 | 1315.- 10        |
|                                                                                    |                                      |                             | 110  | 7RQ0110-0BE00 | 1425.- 10        |
|                                                                                    | • LED indicator                      | AC                          | 24   | 7RQ0110-0BM00 | 1285.- 10        |
|                                                                                    |                                      |                             | 48   | 7RQ0110-0BN00 | 1445.- 10        |
|                                                                                    |                                      |                             | 110  | 7RQ0110-0BP00 | 1425.- 10        |
|                                                                                    |                                      |                             | 230  | 7RQ0110-0BR00 | 1480.- 10        |
| 3CO                                                                                |                                      |                             |      |               |                  |
|  | 10A 11 pin                           | DC                          | 24   | 7RQ0100-0CC00 | 1375.- 10        |
|                                                                                    |                                      |                             | 48   | 7RQ0100-0CD00 | 1445.- 10        |
|                                                                                    |                                      |                             | 110  | 7RQ0100-0CE00 | 1680.- 10        |
|                                                                                    | • LED indicator                      | AC                          | 24   | 7RQ0100-0CM00 | 1460.- 10        |
|                                                                                    |                                      |                             | 48   | 7RQ0100-0CN00 | 1540.- 10        |
|                                                                                    |                                      |                             | 110  | 7RQ0100-0CP00 | 1650.- 10        |
|                                                                                    |                                      |                             | 230  | 7RQ0100-0CR00 | 1680.- 10        |
| 4CO                                                                                |                                      |                             |      |               |                  |
|  | 5A 14 pin                            | DC                          | 24   | 7RQ0100-0DC00 | 1265.- 10        |
|                                                                                    |                                      |                             | 48   | 7RQ0100-0DD00 | 1325.- 10        |
|                                                                                    |                                      |                             | 110  | 7RQ0100-0DE00 | 1500.- 10        |
|                                                                                    | • LED indicator                      | AC                          | 24   | 7RQ0100-0DM00 | 1315.- 10        |
|                                                                                    |                                      |                             | 48   | 7RQ0100-0DN00 | 1340.- 10        |
|                                                                                    |                                      |                             | 110  | 7RQ0100-0DP00 | 1460.- 10        |
|                                                                                    |                                      |                             | 230  | 7RQ0100-0DR00 | 1480.- 10        |

\* Control supply voltage available upon request: DC: 6V, 12 &amp; AC: 6V, 12V, 115V

| Socket                                                                               | Standard Features | Type          | Unit LP ₹ | Std. pkg. (nos.) |
|--------------------------------------------------------------------------------------|-------------------|---------------|-----------|------------------|
| 1CO                                                                                  |                   |               |           |                  |
|    | PCB mounted       | 7RQ0202-1AX00 | 210.-     | 10               |
|                                                                                      | Din rail mounting | 7RQ0201-1AX00 | 365.-     | 10               |
| 2CO                                                                                  |                   |               |           |                  |
|   | PCB mounted       | 7RQ0202-1BX00 | 210.-     | 10               |
|                                                                                      | Din rail mounting | 7RQ0201-1BX00 | 475.-     | 10               |
| 2CO                                                                                  |                   |               |           |                  |
|  | PCB mounted       | 7RQ0212-1BX00 | 250.-     | 10               |
|                                                                                      | Din rail mounting | 7RQ0211-1BX00 | 610.-     | 10               |
| 3CO                                                                                  |                   |               |           |                  |
|  | Din rail mounting | 7RQ0201-1CX00 | 830.-     | 10               |
| 4CO                                                                                  |                   |               |           |                  |
|  | PCB mounted       | 7RQ0202-1DX00 | 330.-     | 10               |
|                                                                                      | Din rail mounting | 7RQ0201-1DX00 | 585.-     | 10               |

Indicating Lamps 3SB5

Compact LED indicating lamps

|                                                                                    | Voltage               | Colour | Type          | Unit LP ₹ | Std Pkg (nos.) |
|------------------------------------------------------------------------------------|-----------------------|--------|---------------|-----------|----------------|
|    | 24 V AC/DC 50/60 Hz   | Red    | 3SB5285-6HC01 | 570.-     | 10             |
|                                                                                    |                       | Green  | 3SB5285-6HE01 |           | 10             |
|                                                                                    |                       | Amber  | 3SB5285-6HL01 |           | 10             |
|                                                                                    |                       | Blue   | 3SB5285-6HF01 | 1430.-    | 10             |
|                                                                                    |                       | White  | 3SB5285-6HG01 | 570.-     | 10             |
|                                                                                    |                       | Yellow | 3SB5285-6HD01 |           | 10             |
|                                                                                    |                       | Clear  | 3SB5285-6HH01 |           | 10             |
|    | 30V DC ®              | Red    | 3SB5285-6HC13 | 635.-     | 10             |
|                                                                                    |                       | Green  | 3SB5285-6HE13 |           | 10             |
|                                                                                    |                       | Amber  | 3SB5285-6HL13 |           | 10             |
|                                                                                    |                       | Blue   | 3SB5285-6HF13 | 1640.-    | 10             |
|                                                                                    |                       | White  | 3SB5285-6HG13 | 635.-     | 10             |
|                                                                                    |                       | Yellow | 3SB5285-6HD13 |           | 10             |
|                                                                                    |                       | Clear  | 3SB5285-6HH13 |           | 10             |
|    | 110 V AC 50/60 Hz     | Red    | 3SB5285-6HC02 | 570.-     | 10             |
|                                                                                    |                       | Green  | 3SB5285-6HE02 |           | 10             |
|                                                                                    |                       | Amber  | 3SB5285-6HL02 |           | 10             |
|                                                                                    |                       | Blue   | 3SB5285-6HF02 | 1430.-    | 10             |
|                                                                                    |                       | White  | 3SB5285-6HG02 | 570.-     | 10             |
|                                                                                    |                       | Yellow | 3SB5285-6HD02 |           | 10             |
|                                                                                    |                       | Clear  | 3SB5285-6HH02 |           | 10             |
|   | 110 V DC®             | Red    | 3SB5285-6HC04 | 635.-     | 10             |
|                                                                                    |                       | Green  | 3SB5285-6HE04 |           | 10             |
|                                                                                    |                       | Amber  | 3SB5285-6HL04 |           | 10             |
|                                                                                    |                       | Blue   | 3SB5285-6HF04 | 1640.-    | 10             |
|                                                                                    |                       | White  | 3SB5285-6HG04 | 635.-     | 10             |
|                                                                                    |                       | Yellow | 3SB5285-6HD04 |           | 10             |
|                                                                                    |                       | Clear  | 3SB5285-6HH04 |           | 10             |
|  | 220/240 V AC 50/60 Hz | Red    | 3SB5285-6HC03 | 570.-     | 10             |
|                                                                                    |                       | Green  | 3SB5285-6HE03 |           | 10             |
|                                                                                    |                       | Amber  | 3SB5285-6HL03 |           | 10             |
|                                                                                    |                       | Blue   | 3SB5285-6HF03 | 1430.-    | 10             |
|                                                                                    |                       | White  | 3SB5285-6HG03 | 570.-     | 10             |
|                                                                                    |                       | Yellow | 3SB5285-6HD03 |           | 10             |
|                                                                                    |                       | Clear  | 3SB5285-6HH03 |           | 10             |
|  | 220 V DC®             | Red    | 3SB5285-6HC05 | 635.-     | 10             |
|                                                                                    |                       | Green  | 3SB5285-6HE05 |           | 10             |
|                                                                                    |                       | Amber  | 3SB5285-6HL05 |           | 10             |
|                                                                                    |                       | Blue   | 3SB5285-6HF05 | 1640.-    | 10             |
|                                                                                    |                       | White  | 3SB5285-6HG05 | 635.-     | 10             |
|                                                                                    |                       | Yellow | 3SB5285-6HD05 |           | 10             |
|                                                                                    |                       | Clear  | 3SB5285-6HH05 |           | 10             |

Now also available in 415V - Prices on request

Wide band compact LED indicating lamps

|                                                                                    | Voltage                         | Colour | Type          | Unit LP ₹ | Std Pkg (nos.) |
|------------------------------------------------------------------------------------|---------------------------------|--------|---------------|-----------|----------------|
|  | 24 to 240 V AC & 24 to 220 V DC | Red    | 3SB5235-6HC14 | 950.-     | 10             |
|                                                                                    |                                 | Green  | 3SB5235-6HE14 |           | 10             |
|                                                                                    |                                 | Amber  | 3SB5235-6HL14 |           | 10             |
|                                                                                    |                                 | Blue   | 3SB5235-6HF14 | 1625.-    | 10             |
|                                                                                    |                                 | White  | 3SB5235-6HG14 | 950.-     | 10             |
|                                                                                    |                                 | Yellow | 3SB5235-6HD14 |           | 10             |
|                                                                                    |                                 | Clear  | 3SB5235-6HH14 | 1260.-    | 10             |

Modular Indicating Lamps (with plastic front ring) Lens Assembly

|                                                                                    | Colour | Type          | Unit LP ₹ | Std Pkg (nos.) |
|------------------------------------------------------------------------------------|--------|---------------|-----------|----------------|
|  | Red    | 3SB5201-6BC00 | 190.-     | 10             |
|                                                                                    | Green  | 3SB5201-6BE00 |           | 10             |
|                                                                                    | Amber  | 3SB5201-6BL00 |           | 10             |
|                                                                                    | Blue   | 3SB5201-6BF00 |           | 10             |
|                                                                                    | White  | 3SB5201-6BG00 |           | 10             |
|                                                                                    | Yellow | 3SB5201-6BD00 |           | 10             |
|                                                                                    | Clear  | 3SB5201-6BH00 |           | 10             |

Illumination Module <sup>§</sup> - (suitable for INTEGRATED LED lamp)

|                                                                                   | Voltage             | Colour             | Type        | Unit LP ₹ | Std Pkg (nos.) |
|-----------------------------------------------------------------------------------|---------------------|--------------------|-------------|-----------|----------------|
|  | 24 V AC/DC 50/60 Hz | Red                | 3SB5400-7CC | 495.-     | 10             |
|                                                                                   |                     | Green              | 3SB5400-7CE | 495.-     | 10             |
|                                                                                   |                     | Amber              | 3SB5400-7CL | 495.-     | 10             |
|                                                                                   |                     | Blue               | 3SB5400-7CF | 1575.-    | 10             |
|                                                                                   |                     | White <sup>†</sup> | 3SB5400-7CG | 495.-     | 10             |
|                                                                                   |                     | Yellow             | 3SB5400-7CD | 495.-     | 10             |
|                                                                                   |                     |                    |             |           |                |
|                                                                                   | 110 V AC 50/60 Hz   | Red                | 3SB5400-7EC | 495.-     | 10             |
|                                                                                   |                     | Green              | 3SB5400-7EE | 495.-     | 10             |
|                                                                                   |                     | Amber              | 3SB5400-7EL | 495.-     | 10             |
|                                                                                   |                     | Blue               | 3SB5400-7EF | 1575.-    | 10             |
|                                                                                   |                     | White <sup>†</sup> | 3SB5400-7EG | 495.-     | 10             |
|                                                                                   |                     | Yellow             | 3SB5400-7ED | 495.-     | 10             |
|                                                                                   |                     |                    |             |           |                |
|                                                                                   | 110 V DC®           | Red                | 3SB5400-7DC | 495.-     | 10             |
|                                                                                   |                     | Green              | 3SB5400-7DE | 495.-     | 10             |
|                                                                                   |                     | Amber              | 3SB5400-7DL | 495.-     | 10             |
|                                                                                   |                     | Blue               | 3SB5400-7DF | 1575.-    | 10             |
|                                                                                   |                     | White <sup>†</sup> | 3SB5400-7DG | 495.-     | 10             |
|                                                                                   |                     | Yellow             | 3SB5400-7DD | 495.-     | 10             |
|                                                                                   |                     |                    |             |           |                |
|                                                                                   | 230 V AC 50/60 Hz   | Red                | 3SB5400-7TC | 495.-     | 10             |
|                                                                                   |                     | Green              | 3SB5400-7TE | 495.-     | 10             |
|                                                                                   |                     | Amber              | 3SB5400-7TL | 495.-     | 10             |
|                                                                                   |                     | Blue               | 3SB5400-7TF | 1575.-    | 10             |
|                                                                                   |                     | White <sup>†</sup> | 3SB5400-7TG | 495.-     | 10             |
|                                                                                   |                     | Yellow             | 3SB5400-7TD | 495.-     | 10             |
|                                                                                   |                     |                    |             |           |                |
|                                                                                   | 220 V DC®           | Red                | 3SB5400-7HC | 495.-     | 10             |
|                                                                                   |                     | Green              | 3SB5400-7HE | 495.-     | 10             |
|                                                                                   |                     | Amber              | 3SB5400-7HL | 495.-     | 10             |
|                                                                                   |                     | Blue               | 3SB5400-7HF | 1575.-    | 10             |
|                                                                                   |                     | White <sup>†</sup> | 3SB5400-7HG | 495.-     | 10             |
|                                                                                   |                     | Yellow             | 3SB5400-7HD | 495.-     | 10             |
|                                                                                   |                     |                    |             |           |                |



@ Use of bridge rectified DC source (filtered O/P) recommended  
† Can be used with clear lens.  
§ Illumination module can be used with lens assembly, illuminated push buttons & illuminated selector actuators.

## Push buttons

### Modular Push button actuators (with plastic front ring)

| Description                                                                      | Colour | Type                        | Unit<br>LP ₹ | Std Pkg<br>(nos.) |
|----------------------------------------------------------------------------------|--------|-----------------------------|--------------|-------------------|
| Opaque actuator (with holder for contact block)                                  |        |                             |              |                   |
|  | Normal | Red ■ 3SB5000-0AC01         | 170.-        | 10                |
|                                                                                  |        | Green ■ 3SB5000-0AE01       |              |                   |
|                                                                                  |        | Blue ■ 3SB5000-0AF01        |              |                   |
|                                                                                  |        | White ■ 3SB5000-0AG01       |              |                   |
|                                                                                  |        | Yellow ■ 3SB5000-0AD01      |              |                   |
|                                                                                  |        | Black ■ 3SB5000-0AB01       |              |                   |
|  | Raised | Red ■ 3SB5000-0LC01         | 195.-        | 10                |
|                                                                                  |        | Green ■ 3SB5000-0LE01       |              |                   |
|                                                                                  |        | Blue ■ 3SB5000-0LF01        |              |                   |
|                                                                                  |        | White ■ 3SB5000-0LG01       |              |                   |
|                                                                                  |        | Yellow ■ 3SB5000-0LD01      |              |                   |
|                                                                                  |        | Black ■ 3SB5000-0LB01       |              |                   |
| Illuminated actuator (with holder for contact block)                             |        |                             |              |                   |
|  | Normal | Red ■ 3SB5001-0AC01-0PQ0    | 220.-        | 10                |
|                                                                                  |        | Green ■ 3SB5001-0AE01-0PQ0  |              |                   |
|                                                                                  |        | Amber ■ 3SB5001-0AL01-0PQ0  |              |                   |
|                                                                                  |        | Blue ■ 3SB5001-0AF01-0PQ0   |              |                   |
|                                                                                  |        | White ■ 3SB5001-0AG01-0PQ0  |              |                   |
|                                                                                  |        | Yellow ■ 3SB5001-0AD01-0PQ0 |              |                   |
|                                                                                  |        | Clear ■ 3SB5001-0AH01-0PQ0  |              |                   |
|  | Raised | Red ■ 3SB5218-0LC01-0PQ0    | 230.-        | 10                |
|                                                                                  |        | Green ■ 3SB5218-0LE01-0PQ0  |              |                   |
|                                                                                  |        | Amber ■ 3SB5218-0LL01-0PQ0  |              |                   |
|                                                                                  |        | Blue ■ 3SB5218-0LF01-0PQ0   |              |                   |
|                                                                                  |        | White ■ 3SB5218-0LG01-0PQ0  |              |                   |
|                                                                                  |        | Yellow ■ 3SB5218-0LD01-0PQ0 |              |                   |
|                                                                                  |        | Clear ■ 3SB5218-0LH01-0PQ0  |              |                   |

### Modular Selector Actuators (with plastic front ring)

| Description                                                                        | Colour                | Type                   | Unit LP ₹ | Std Pkg (nos.) |
|------------------------------------------------------------------------------------|-----------------------|------------------------|-----------|----------------|
| 2 position opaque selector actuator (with holder for contact block)                |                       |                        |           |                |
|  | Maintained            | Black ■ 3SB5000-2AB01  | 585.-     | 10             |
|                                                                                    |                       | Red ■ 3SB5000-2AC01    |           |                |
|                                                                                    | Momentary             | Black ■ 3SB5000-2BB01  |           |                |
|                                                                                    |                       | Red ■ 3SB5000-2BC01    |           |                |
| 3 position opaque selector actuator (with holder for contact block)                |                       |                        |           |                |
|  | Maintained            | Black ■ 3SB5000-2DB01  | 595.-     | 10             |
|                                                                                    |                       | Red ■ 3SB5000-2DC01    |           |                |
|                                                                                    | Momentary             | Black ■ 3SB5000-2EB01  |           |                |
|                                                                                    |                       | Red ■ 3SB5000-2EC01    |           |                |
| 2 position illuminated selector actuator (with holder for contact block)           |                       |                        |           |                |
|  | Maintained            | Red ■ 3SB5001-2AC01    | 570.-     | 10             |
|                                                                                    |                       | Green ■ 3SB5001-2AE01  |           |                |
|                                                                                    |                       | Blue ■ 3SB5001-2AF01   |           |                |
|                                                                                    |                       | Yellow ■ 3SB5001-2AD01 |           |                |
|                                                                                    |                       | Clear ■ 3SB5001-2AH01  |           |                |
|                                                                                    | Momentary             | Red ■ 3SB5001-2BC01    |           |                |
|                                                                                    |                       | Green ■ 3SB5001-2BE01  |           |                |
|                                                                                    |                       | Blue ■ 3SB5001-2BF01   |           |                |
|                                                                                    |                       | Yellow ■ 3SB5001-2BD01 |           |                |
|                                                                                    | Clear ■ 3SB5001-2BH01 |                        |           |                |
| 3 position illuminated selector actuator (with holder for contact block)           |                       |                        |           |                |
|  | Maintained            | Red ■ 3SB5001-2DC01    | 600.-     | 10             |
|                                                                                    |                       | Green ■ 3SB5001-2DE01  |           |                |
|                                                                                    |                       | Blue ■ 3SB5001-2DF01   |           |                |
|                                                                                    |                       | Yellow ■ 3SB5001-2DD01 |           |                |
|                                                                                    |                       | Clear ■ 3SB5001-2DH01  |           |                |
|                                                                                    | Momentary             | Red ■ 3SB5001-2EC01    |           |                |
|                                                                                    |                       | Green ■ 3SB5001-2EE01  |           |                |
|                                                                                    |                       | Blue ■ 3SB5001-2EF01   |           |                |
|                                                                                    |                       | Yellow ■ 3SB5001-2ED01 |           |                |
|                                                                                    | Clear ■ 3SB5001-2EH01 |                        |           |                |

### Contact Blocks for Push button, Selector & Key Actuators

| Description                                                                        | Configuration | Type         | Unit LP ₹ | Std Pkg (nos.) |
|------------------------------------------------------------------------------------|---------------|--------------|-----------|----------------|
| Contact blocks for rear mounting (for panel mounting)                              |               |              |           |                |
|  | 1 NO          | ■ 3SB5400-0B | 205.-     | 10             |
|                                                                                    | 1NC           | ■ 3SB5400-0C |           | 10             |
|                                                                                    | 1NO + 1 NC    | ■ 3SB5400-0A |           | 10             |
|                                                                                    | 2 NO          | ■ 3SB5400-0E | 385.-     | 10             |
|                                                                                    | 2 NC          | ■ 3SB5400-0F |           | 10             |

### Mushroom Actuators (with plastic front ring)

| Description                                                 | Colour | Type            | Unit LP ₹ | Std Pkg (nos.) |
|-------------------------------------------------------------|--------|-----------------|-----------|----------------|
| Mushroom actuator (40 mm ø) (with holder for contact block) |        |                 |           |                |
| momentary                                                   | Black  | 3SB5000-1NB01   | 360.-     | 10             |
|                                                             | Red    | ■ 3SB5000-1NC01 |           |                |
| push to trip, turn to release                               | Black  | ■ 3SB5000-1CB01 | 405.-     | 10             |

### Mushroom Actuators (with plastic front ring) for Emergency Stop Specifications

| NEW Description                                  | Colour | Type          | Unit LP ₹ | Std Pkg (nos.) |
|--------------------------------------------------|--------|---------------|-----------|----------------|
| Enhanced Safety and Monitoring with MNCB         |        |               |           |                |
| Mushroom Actuator, E-Stop (40mm) with MNCB (1NC) | Red    | 3SB5204-0UC01 | 690.-     | 10             |
| MNCB (Mounting Monitoring Contact Block, 1NC)    |        | 3SB5400-0M    | 330.-     | 10             |

MNCB should be assembled only on middle slot "5-6" of the holder

| Description                                                        | Colour | Type            | Unit LP ₹ | Std Pkg (nos.) |
|--------------------------------------------------------------------|--------|-----------------|-----------|----------------|
| Mushroom actuator (40 mm ø) push to trip, turn to release with 1NC | Red    | ■ 3SB5203-0UC01 | 665.-     | 10             |
| Mushroom actuator (40 mm ø) push to trip, turn to release          | Red    | 3SB5000-0UC01   | 485.-     | 10             |
| Mushroom actuator (40 mm ø) push to trip, key to release           | Red    | 3SB5000-0TC01   | 2540.-    | 10             |

### Modular key actuators (with plastic front ring)

| Description                                             | Colour     | Type                                                                                                  | Unit LP ₹ | Std Pkg (nos.) |
|---------------------------------------------------------|------------|-------------------------------------------------------------------------------------------------------|-----------|----------------|
| 2 position key actuator (with holder for contact block) | Maintained |  ■ 3SB5000-4AC01 | 950.-     | 10             |
|                                                         |            |  3SB5000-4AA01   |           | 10             |
|                                                         |            |  3SB5000-4AB01   |           | 10             |
|                                                         | Momentary  |  ■ 3SB5000-4TA01 |           | 10             |
|                                                         |            |  3SB5000-4TC01   |           | 10             |
|                                                         |            |                                                                                                       |           |                |
| 3 position key actuator (with holder for contact block) | Maintained |  ■ 3SB5000-4HA01 | 995.-     | 10             |
|                                                         |            |  3SB5000-4HC01   |           | 10             |
|                                                         |            |  3SB5000-4HB01   |           | 10             |
|                                                         | Momentary  |  ■ 3SB5000-4JA01 |           | 10             |
|                                                         |            |                                                                                                       |           |                |
|                                                         |            |                                                                                                       |           |                |

\* Key removable position

L - Left, R - Right, C - Centre, KL - Key at Left, KR - Key at Right, KC - Key at Centre

### Twin Push Button Actuators

| Description                                     | Type          | Unit LP ₹ | Std Pkg (nos.) |
|-------------------------------------------------|---------------|-----------|----------------|
| Complete actuator with holder for contact block |               |           |                |
| Opaque with 1NO & 1NC                           | 3SB5201-7EC01 | 725.-     | 10             |
| Illuminated with 1NO & 1NC                      | 3SB5234-7EC01 | 765.-     | 10             |
| Modular actuator with holder for contact block  |               |           |                |
| Opaque                                          | 3SB5000-7EC01 | 350.-     | 10             |
| Illuminated                                     | 3SB5001-7EC01 | 365.-     | 10             |

■ Stock items

Push button Stations

| No. of control points               | Description                                                                                                                                                                                                | Type           | Unit LP ₹ | Std Pkg (nos.) |
|-------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-----------|----------------|
| Metal enclosure: Aluminum Die Cast  |                                                                                                                                                                                                            |                |           |                |
| 1                                   | Normal opaque push button - Green with 1NO contact block, "START"                                                                                                                                          | ■ 3SB5801-8AA3 | 2400.-    | 1              |
| 1                                   | Red mushroom momentary actuator, with 1NC contact block, "STOP"                                                                                                                                            | ■ 3SB5801-8AN3 | 2580.-    | 1              |
| 1                                   | Red maintained mushroom actuator, turn to release, with 1NC contact block, "E-STOP"                                                                                                                        | ■ 3SB5801-8AM3 | 3400.-    | 1              |
| 2                                   | Normal opaque push button - Green with 1NO contact block, "START" + Normal opaque push button - Red with 1NC contact block, "STOP"                                                                         | ■ 3SB5802-8AC3 | 2975.-    | 1              |
| 2                                   | Normal opaque push button - Green with 1NO contact block, "START" + Red mushroom-maintained with 1NC contact block, "STOP"                                                                                 | ■ 3SB5802-8AE3 | 3770.-    | 1              |
| 3                                   | Normal opaque push button - Green with 1NO contact block, "START" + Normal opaque push button - Red with 1NC contact block, "STOP" + Normal opaque push button - Black with 1NO contact block, "REVERSE"   | ■ 3SB5803-8AH3 | 4220.-    | 1              |
| Pendant mounting: Aluminum Die Cast |                                                                                                                                                                                                            |                |           |                |
| 2                                   | Normal opaque push button - Green with 1NO contact block, "START" + Normal opaque push button - Red with 1NC contact block, "STOP"                                                                         | 3SB5822-8AC3   | 4050.-    | 1              |
| 3                                   | Normal opaque push button - Green with 1NO contact block, "START" + Normal opaque push button - Red with 1NC contact block, "STOP" + Normal opaque push button - Black with 1NO contact block, "REVERSE"   | 3SB5823-8AH3   | 5270.-    | 1              |
| Plastic Enclosure                   |                                                                                                                                                                                                            |                |           |                |
| 1                                   | Normal opaque push button - Green with 1NO contact block, "START"                                                                                                                                          | 3SB5801-7AA3   | 1375.-    | 1              |
| 1                                   | Red mushroom momentary actuator, with 1NC contact block, "STOP"                                                                                                                                            | 3SB5801-7AN3   | 1375.-    | 1              |
| 1                                   | Red maintained mushroom actuator, turn to release, with 1NC contact block, "E-STOP"                                                                                                                        | 3SB5801-7AM3   | 1495.-    | 1              |
| 2                                   | Normal opaque push button - Green with 1NO contact block, "START" + Normal opaque push button - Red with 1NC contact block, "STOP"                                                                         | 3SB5802-7AC3   | 1615.-    | 1              |
| 2                                   | Normal opaque push button - Green with 1NO contact block, "START" + Red mushroom-maintained with 1NC contact block, "STOP"                                                                                 | 3SB5802-7AE3   | 1855.-    | 1              |
| 3                                   | Normal opaque push button - Green with 1NO contact block, "START" + Normal opaque push button - Red with 1NC contact block, "STOP" + Normal opaque push button - Black with 1NO contact block, "REVERSE"   | 3SB5804-7AG3   | 2045.-    | 1              |
| Pendant mounting: Plastic           |                                                                                                                                                                                                            |                |           |                |
| 1                                   | Normal opaque push button - Green with 1NO contact block, "START"                                                                                                                                          | 3SB5821-7AA3   | 2965.-    | 1              |
| 2                                   | Normal opaque push button - Green with 1NO contact block, "START" + Normal opaque push button - Red with 1NC contact block, "STOP"                                                                         | 3SB5822-7AC3   | 3625.-    | 1              |
| 3                                   | Normal opaque push button - Green with 1NO contact block, "FORWARD" + Normal opaque push button - Red with 1NC contact block, "STOP" + Normal opaque push button - Black with 1NO contact block, "REVERSE" | 3SB5823-7AH3   | 4740.-    | 1              |



Accessories for push button stations

| Description                                                                                   | Type         | Unit LP ₹ | Std Pkg (nos.) |
|-----------------------------------------------------------------------------------------------|--------------|-----------|----------------|
| Plastic Enclosures                                                                            |              |           |                |
| 1 way, Grey                                                                                   | 3SB5801-0AC3 | 1000.-    | 1              |
| 2 way, Grey                                                                                   | 3SB5802-0AC3 | 855.-     | 1              |
| 3 way, Grey                                                                                   | 3SB5803-0AC3 | 870.-     | 1              |
| 4 way, Grey                                                                                   | 3SB5804-0AC3 | 1910.-    | 1              |
| 6 way, Grey                                                                                   | 3SB5806-0AC3 | 2660.-    | 1              |
| 1 way, Yellow                                                                                 | 3SB5801-0AD3 | 1000.-    | 1              |
| Metal Enclosures                                                                              |              |           |                |
| 1 way                                                                                         | 3SB5801-4AC3 | 2025.-    | 1              |
| 2 way                                                                                         | 3SB5802-4AC3 | 2200.-    | 1              |
| 3 way                                                                                         | 3SB5803-4AC3 | 3060.-    | 1              |
| Contact Block                                                                                 |              |           |                |
| Contact block for base mounting, 1NO                                                          | ■ 3SB54200B  | 205.-     | 10             |
| Contact block for base mounting, 1NC                                                          | ■ 3SB54200C  | 205.-     | 10             |
| Inscription Labels (set of 11 labels)                                                         |              |           |                |
| Set of 11 labels: Start, Stop, On, OFF, Up, Down, Open, Close Forward, Reverse, Emergency Off | 3SB5901-3EA  | 390.-     | 10             |
| Blanking plug                                                                                 |              |           |                |
| Blanking plug                                                                                 | 3SB5912-0BC  | 120.-     | 10             |

Accessories

| Description                                                                        |         | Type          | Unit LP ₹ | Std Pkg (nos.) |
|------------------------------------------------------------------------------------|---------|---------------|-----------|----------------|
| Inscription plates                                                                 | START   | ■ 3SB5901-2EL | 90.-      | 10             |
|                                                                                    | STOP    | ■ 3SB5901-2EK |           | 10             |
|                                                                                    | ON      | ■ 3SB5901-2EB |           | 10             |
|                                                                                    | OFF     | ■ 3SB5901-2EC |           | 10             |
|                                                                                    | UP      | 3SB5901-2ED   |           | 10             |
|                                                                                    | DOWN    | 3SB5901-2EE   |           | 10             |
|                                                                                    | FORWARD | 3SB5901-2EF   |           | 10             |
|                                                                                    | SLOW    | 3SB5901-2ES   |           | 10             |
|                                                                                    | FAST    | 3SB5901-2ER   |           | 10             |
|                                                                                    | REVERSE | 3SB5901-2EG   |           | 10             |
|                                                                                    | BLANK   | 3SB5901-2AA   |           | 10             |
|                                                                                    | TRIP    | 3SB5901-2EA   |           | 10             |
| Thrust cap for Push Buttons (for actuating middle module)                          |         | ■ 3SB5902-0AA | 90.-      | 10             |
| Thrust pad for Selector Actuators (for actuating middle module)                    |         | ■ 3SB5912-0AN | 90.-      | 10             |
| Adaptor plate for replacing 30 mm PB by 22 mm                                      |         | ■ 3SB5921-0AE | 90.-      | 10             |
| E-stop Yellow dia. 75 mm for Mushroom - Blank (Yellow contrast label)              |         | 3SB5921-0AB   | 90.-      | 10             |
| E-stop Yellow dia. 75 mm with "EMERGENCY STOP" printing                            |         | 3SB5921-0AD   | 90.-      | 10             |
| Protective Cap (IP-67) for                                                         | Normal  | 3SB5902-0AK   | 110.-     | 10             |
|                                                                                    | Raised  | 3SB5902-0AN   |           |                |
| Metallic holder for front connection actuators (when used outside 3SB508 stations) |         | 3SB5911-1AA   | 130.-     | 10             |

■ Stock items



# 3SE5 Position Switches

## Modular design for all applications

Modular design with many standardized components

- Plug-in design and replacement of the actuator heads
- Exchangeable two and three pole contact blocks
- Turnable actuator heads around the axis in increments of 22.5°, with total 16 positions
- Quick-connect technology
- Optional LED Displays
- Communication Capable (AS-i Safe)

**SIEMENS**

## Position Switches - 3SE5

NEW

## Open Type 30mm

| Actuator Type |                                                                                   | Contact Arrangement | No. of Contacts | Type             | Unit LP ₹ | Std. pkg. (nos.) |
|---------------|-----------------------------------------------------------------------------------|---------------------|-----------------|------------------|-----------|------------------|
| Open          |  | Snap Action         | 1NO + 1NC       | 3SE5250-0CC05-8K | 1110.-    | 10               |
|               |                                                                                   | Slow Action         |                 | 3SE5250-0BC05-8K | 1060.-    | 10               |

## Open Type 30mm

| Actuator Type |                                                                                   | Contact Arrangement                         | No. of Contacts | Type             | Unit LP ₹ | Std. pkg. (nos.) |
|---------------|-----------------------------------------------------------------------------------|---------------------------------------------|-----------------|------------------|-----------|------------------|
| Open          |  | Snap Action                                 | 1NO + 2NC       | 3SE5250-0LC05-8K | 1720.-    | 10               |
|               |                                                                                   | Slow Action                                 | 1NO + 2NC       | 3SE5250-0KC05-8K |           | 10               |
|               |                                                                                   | Slow action contacts with make before break | 1NO + 2NC       | 3SE5250-0MC05-8K |           | 10               |
|               |                                                                                   | Slow action                                 | 2NO + 1 NC      | 3SE5250-0PC05-8K |           | 10               |

## Plastic enclosure: Enclosed type modular unit

## Basic switch

| Width              | Basic switch                                                                        | Contact Arrangement                         | No. of Contacts | Type             | Unit LP ₹ | Std. pkg. (nos.) |
|--------------------|-------------------------------------------------------------------------------------|---------------------------------------------|-----------------|------------------|-----------|------------------|
| 31mm<br>(IP 65)    |   | Snap Action                                 | 1NO + 1NC       | 3SE5232-0CC05-8K | 1230.-    | 1                |
|                    |                                                                                     | Slow Action                                 | 1NO + 1NC       | 3SE5232-0BC05-8K | 1200.-    | 1                |
|                    |                                                                                     | Snap Action                                 | 1NO + 2NC       | 3SE5232-0LC05-8K | 1810.-    | 1                |
|                    |                                                                                     | Slow Action                                 | 1NO + 2NC       | 3SE5232-0KC05-8K |           | 1                |
|                    |                                                                                     | Slow-action contacts with make-before-break | 1NO + 2NC       | 3SE5232-0MC05-8K |           | 1                |
|                    |                                                                                     | Slow Action                                 | 2NO + 1NC       | 3SE5232-0PC05-8K |           | 1                |
| 50mm<br>(IP 66/67) |  | Snap Action                                 | 1NO + 1NC       | 3SE5242-0CC05-8K | 1325.-    | 1                |
|                    |                                                                                     | Slow Action                                 | 1NO + 1NC       | 3SE5242-0BC05-8K | 1215.-    | 1                |
|                    |                                                                                     | Snap Action                                 | 1NO + 2NC       | 3SE5242-0LC05-8K | 1960.-    | 1                |
|                    |                                                                                     | Slow Action                                 | 1NO + 2NC       | 3SE5242-0KC05-8K |           | 1                |
|                    |                                                                                     | Slow-action contacts with make-before-break | 1NO + 2NC       | 3SE5242-0MC05-8K |           | 1                |
|                    |                                                                                     | Slow Action                                 | 2NO + 1NC       | 3SE5242-0PC05-8K |           | 1                |

## Metal enclosure: Enclosed type modular unit IP 66/ IP 67

## Basic switch

| Width | Basic switch                                                                        | Contact Arrangement                         | No. of Contacts | Type             | Unit LP ₹ | Std. pkg. (nos.) |
|-------|-------------------------------------------------------------------------------------|---------------------------------------------|-----------------|------------------|-----------|------------------|
| 31mm  |  | Snap Action                                 | 1NO + 1NC       | 3SE5212-0CC05-8K | 1975.-    | 1                |
|       |                                                                                     | Slow Action                                 | 1NO + 1NC       | 3SE5212-0BC05-8K | 1790.-    | 1                |
|       |                                                                                     | Snap Action                                 | 1NO + 2NC       | 3SE5212-0LC05-8K | 2110.-    | 1                |
|       |                                                                                     | Slow Action                                 | 1NO + 2NC       | 3SE5212-0KC05-8K |           | 1                |
|       |                                                                                     | Slow-action contacts with make-before-break | 1NO + 2NC       | 3SE5212-0MC05-8K | 2245.-    | 1                |
|       |                                                                                     | Slow Action                                 | 2NO + 1NC       | 3SE5212-0PC05-8K |           | 1                |
| 40mm  |  | Snap Action                                 | 1NO + 1NC       | 3SE5112-0CA00-8K | 2125.-    | 1                |
|       |                                                                                     | Slow Action                                 | 1NO + 1NC       | 3SE5112-0BA00-8K | 1890.-    | 1                |
|       |                                                                                     | Snap Action                                 | 1NO + 2NC       | 3SE5112-0LA00-8K | 2300.-    | 1                |
|       |                                                                                     | Slow Action                                 | 1NO + 2NC       | 3SE5112-0KA00-8K |           | 1                |
|       |                                                                                     | Slow-action contacts with make-before-break | 1NO + 2NC       | 3SE5112-0MA00-8K | 2410.-    | 1                |
|       |                                                                                     | Slow Action                                 | 2NO + 1NC       | 3SE5112-0PA00-8K |           | 1                |
| 56mm  |  | Snap Action                                 | 1NO + 1NC       | 3SE5122-0CA00-8K | 2380.-    | 1                |
|       |                                                                                     | Slow Action                                 | 1NO + 1NC       | 3SE5122-0BA00-8K | 2175.-    | 1                |
|       |                                                                                     | Snap Action                                 | 1NO + 2NC       | 3SE5122-0LA00-8K | 3035.-    | 1                |
|       |                                                                                     | Slow Action                                 | 1NO + 2NC       | 3SE5122-0KA00-8K |           | 1                |
|       |                                                                                     | Slow-action contacts with make-before-break | 1NO + 2NC       | 3SE5122-0MA00-8K | 3290.-    | 1                |
|       |                                                                                     | Slow Action                                 | 2NO + 1NC       | 3SE5122-0PA00-8K |           | 1                |

### Plastic Roller Actuators heads for plastic 31mm & 50mm and Metal 31mm

| Actuator Type                                               | Actuators heads                                                                   | Type                          | Unit LP ₹ | Std. pkg. (nos.) |
|-------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------|-----------|------------------|
| Roller Plunger                                              |  | 3SE5000-0AD03-8K              | 450.-     | 5                |
| Roller lever                                                |  | 3SE5000-0AE10-8K              | 230.-     | 5                |
| Angular Roller lever                                        |  | 3SE5000-0AF10-8K              | 285.-     | 5                |
| Part turn actuator for twist lever                          |  | 3SE5000-0AK00-8K              | 235.-     | 5                |
| Twist Lever                                                 |  | 3SE5000-0AA21-8K <sup>#</sup> | 195.-     | 5                |
| Twist Lever (Adjustable)                                    |  | 3SE5000-0AA50-8K <sup>#</sup> | 390.-     | 5                |
| Twist lever 50mm dia (Adjustable) Rubber Roller             |  | 3SE5000-0AA58-8K <sup>#</sup> | 585.-     | 5                |
| Twist lever 50mm dia (Adjustable) Plastic roller <b>NEW</b> |  | 3SE5000-0AA57-8K <sup>#</sup> | 435.-     | 5                |

### Plastic Roller Actuators heads for metal 40mm and 56mm

| Actuator Type                                               | Actuators heads                                                                     | Type                           | Unit LP ₹ | Std. pkg. (nos.) |
|-------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------|-----------|------------------|
| Roller lever                                                |  | 3SE5000-0AE01-8K               | 330.-     | 5                |
| Angular Roller lever                                        |  | 3SE5000-0AF01-8K               | 605.-     | 5                |
| Part turn actuator for twist lever                          |  | 3SE5000-0AH00-8K               | 490.-     | 5                |
| Twist Lever                                                 |  | 3SE5000-0AA01-8K <sup>#</sup>  | 230.-     | 5                |
| Twist Lever (Adjustable)                                    |  | 3SE5000-0AA50-8K <sup>#</sup>  | 390.-     | 5                |
| Fork type                                                   |  | 3SE5000-0AT01-8K <sup>\$</sup> | 285.-     | 5                |
| Mounting Head for Fork Type                                 |  | 3SE5000-0AT10-8K               | 2510.-    | 5                |
| Twist lever 50mm dia (Adjustable)                           |  | 3SE5000-0AA58-8K <sup>#</sup>  | 585.-     | 5                |
| Twist lever 50mm dia (Adjustable) Plastic roller <b>NEW</b> |  | 3SE5000-0AA57-8K <sup>#</sup>  | 435.-     | 5                |

#### Notes:

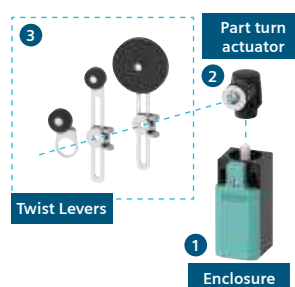
1. The basic switch comes with a Teflon plunger, in case of rounded plunger requirements no need to order actuator separately
2. # Twist levers are to be ordered with part turn actuator to allow fitment on enclosure
3. \$ Fork type actuator shall be ordered with mounting head 3SE5000-0AT10-8K

### Metal Roller Actuators heads for plastic 31mm & 50mm and Metal 31mm

| Actuator Type                      | Actuators heads                                                                     | Type                          | Unit LP ₹ | Std. pkg. (nos.) |
|------------------------------------|-------------------------------------------------------------------------------------|-------------------------------|-----------|------------------|
| Roller Plunger                     |  | 3SE5000-0AD04-8K              | 505.-     | 5                |
| Roller lever                       |  | 3SE5000-0AE11-8K              | 350.-     | 5                |
| Part turn actuator for twist lever |  | 3SE5000-0AK00-8K              | 235.-     | 5                |
| Twist Lever (Adjustable)           |  | 3SE5000-0AA51-8K <sup>#</sup> | 455.-     | 5                |
| Plain Plunger                      |  | 3SE5000-0AB01-8K              | 650.-     | 5                |

### Metal Roller Actuators heads for metal 40mm and 56mm

| Actuator Type                      | Actuators heads                                                                       | Type                          | Unit LP ₹ | Std. pkg. (nos.) |
|------------------------------------|---------------------------------------------------------------------------------------|-------------------------------|-----------|------------------|
| Rounded Plunger                    |  | 3SE5000-0AC02-8K              | 405.-     | 5                |
| Roller Plunger                     |  | 3SE5000-0AD02-8K              | 620.-     | 5                |
| Roller lever                       |  | 3SE5000-0AE02-8K              | 555.-     | 5                |
| Angular Roller lever               |  | 3SE5000-0AF02-8K              | 670.-     | 5                |
| Part turn actuator for twist lever |  | 3SE5000-0AH00-8K              | 490.-     | 5                |
| Twist Lever                        |  | 3SE5000-0AA02-8K <sup>#</sup> | 275.-     | 5                |
| Twist Lever (Adjustable)           |  | 3SE5000-0AA51-8K <sup>#</sup> | 455.-     | 5                |



## Spare and Accessories

| Actuator Type    |                                                                                   | Description                            | Type             | Unit LP ₹ | Std. pkg. (nos.) |
|------------------|-----------------------------------------------------------------------------------|----------------------------------------|------------------|-----------|------------------|
| Empty enclosures |  | Empty enclosures without contact block | 3SE5250-0AC05-8K | 455.-     | 10               |

## Spares for Open &amp; enclosed switch

| Actuator Type |                                                                                   | Contact Arrangement                         | No. of Contacts | Type              | Unit LP ₹ | Std. pkg. (nos.) |
|---------------|-----------------------------------------------------------------------------------|---------------------------------------------|-----------------|-------------------|-----------|------------------|
| Contact block |  | Slow action                                 | 1NO + 1NC       | 3SE5050-0BA00-8K* | 945.-     | 10               |
|               |                                                                                   | Snap action                                 |                 | 3SE5050-0CA00-8K* |           | 10               |
|               |                                                                                   | Slow action                                 |                 | 3SE5000-0BA00-8K  |           | 10               |
|               |                                                                                   | Snap action                                 |                 | 3SE5000-0CA00-8K  |           | 10               |
|               |  | Slow action                                 | 1NO + 2NC       | 3SE5000-0KA00-8K  | 1200.-    | 10               |
|               |                                                                                   | Snap action                                 |                 | 3SE5000-0LA00-8K  |           | 10               |
|               |                                                                                   | Slow-action contacts with make-before-break |                 | 3SE5000-0MA00-8K  |           | 10               |
|               |                                                                                   | Slow action                                 | 2NO + 1 NC      | 3SE5000-0PA00-8K  | 1250.-    | 10               |

Note: 3SE5000-0BA00-8K can be used only with enclosed type switch

\* Suitable for Open execution

| Actuator Type |                                                                                   | Description                         | Type    | Unit LP ₹ | Std. pkg. (nos.) |
|---------------|-----------------------------------------------------------------------------------|-------------------------------------|---------|-----------|------------------|
| Cable gland   |  | Molded Plastic Cable Gland, M20X1.5 | 3SX9926 | 1790.-    | 5                |

| Actuator Type |                                                                                     | Type    | Type             | Unit LP ₹ | Std. pkg. (nos.) |
|---------------|-------------------------------------------------------------------------------------|---------|------------------|-----------|------------------|
| 31MM          |  | Plastic | 3SE5232-0AC05-8K | 855.-     | 1                |
| 50MM          |                                                                                     |         | 3SE5242-0AC05-8K | 1250.-    | 1                |
| 31MM          |  | Metal   | 3SE5212-0AC05-8K | 1425.-    | 1                |
| 40MM          |                                                                                     |         | 3SE5112-0AA00-8K | 1720.-    | 1                |
| 56MM          |                                                                                     |         | 3SE5122-0AA00-8K | 1935.-    | 1                |

THE POWER OF **SIMPLICITY**

**NEW**

# SINOPLUS 5TJ Miniature Circuit Breakers

**IEC**

Safe  
Complies with  
IEC standards



Comprehensive  
range  
For various  
applications



Reliable  
Siemens trusted  
quality



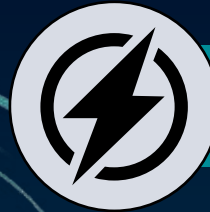
RoHS  
compliance  
Environmentally  
friendly



**SIEMENS**

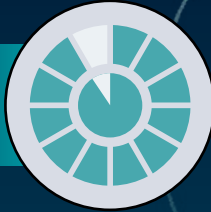
# Betagard 5SL MCBs – Inspiring Safety

Terminal covers for protection



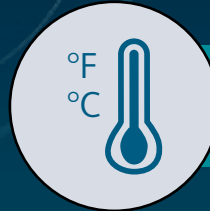
High Breaking capacity (Icn)

High Endurance Cycle



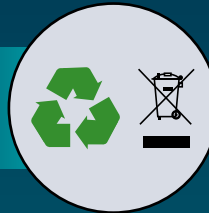
Very low watt loss

Ergonomic Handle for Identification



High ambient temperature

RoHS Compliant



With SLR

Unique SLR (Slide Latch-Release) feature for tool free removal from DIN rail allows individual MCB to be removed from bus bar mounted assembly without disturbing other devices

BIS approval for ISI marking as per latest IS/IEC 60898-1:2015 for assured quality and protection



Unique termination mechanism enables firm mounting of Bus bar together with wire; and provides front access to wires for safe installation

# Betagard Miniature Circuit Breakers 5SL6, with C Characteristics



- Standards: IS/IEC 60898-1:2015
- Voltage: Un 240/415V, 50...60Hz^
- With ISI marking: CM/L No. 2255548

| 7500A                                                                                                   | Rated Current<br>$I_n$ (A) | MW# | Reference No | Unit MRP*<br>₹ | Std. Pkg.**<br>(Nos.) |
|---------------------------------------------------------------------------------------------------------|----------------------------|-----|--------------|----------------|-----------------------|
| 1P, 240/415V AC<br><br> | 0.5                        | 1   | 5SL61057RC   | 697.-          | 1/12                  |
|                                                                                                         | 1                          |     | ■ 5SL61017RC | 697.-          | 1/12                  |
|                                                                                                         | 2                          |     | 5SL61027RC   | 697.-          | 1/12                  |
|                                                                                                         | 3                          |     | 5SL61037RC   | 697.-          | 1/12                  |
|                                                                                                         | 4                          |     | ■ 5SL61047RC | 697.-          | 1/12                  |
|                                                                                                         | 6                          |     | ■ 5SL61067RC | 432.-          | 1/12                  |
|                                                                                                         | 8                          |     | 5SL61087RC   | 432.-          | 1/12                  |
|                                                                                                         | 10                         |     | ■ 5SL61107RC | 432.-          | 1/12                  |
|                                                                                                         | 13                         |     | 5SL61137RC   | 432.-          | 1/12                  |
|                                                                                                         | 16                         |     | ■ 5SL61167RC | 432.-          | 1/12                  |
|                                                                                                         | 20                         |     | ■ 5SL61207RC | 432.-          | 1/12                  |
|                                                                                                         | 25                         |     | 5SL61257RC   | 432.-          | 1/12                  |
|                                                                                                         | 32                         |     | 5SL61327RC   | 432.-          | 1/12                  |
|                                                                                                         | 40                         |     | 5SL61407RC   | 950.-          | 1/12                  |
|                                                                                                         | 50                         |     | 5SL61507RC   | 1093.-         | 1/12                  |
|                                                                                                         | 63                         |     | 5SL61637RC   | 1093.-         | 1/12                  |
| 2P, 415V AC<br><br>    | 0.5                        | 2   | 5SL62057RC   | 2062.-         | 1/6                   |
|                                                                                                         | 1                          |     | 5SL62017RC   | 2062.-         | 1/6                   |
|                                                                                                         | 2                          |     | 5SL62027RC   | 2062.-         | 1/6                   |
|                                                                                                         | 3                          |     | 5SL62037RC   | 2062.-         | 1/6                   |
|                                                                                                         | 4                          |     | 5SL62047RC   | 2062.-         | 1/6                   |
|                                                                                                         | 6                          |     | ■ 5SL62067RC | 1543.-         | 1/6                   |
|                                                                                                         | 8                          |     | 5SL62087RC   | 1543.-         | 1/6                   |
|                                                                                                         | 10                         |     | ■ 5SL62107RC | 1543.-         | 1/6                   |
|                                                                                                         | 13                         |     | 5SL62137RC   | 1543.-         | 1/6                   |
|                                                                                                         | 16                         |     | 5SL62167RC   | 1543.-         | 1/6                   |
|                                                                                                         | 20                         |     | ■ 5SL62207RC | 1543.-         | 1/6                   |
|                                                                                                         | 25                         |     | 5SL62257RC   | 1543.-         | 1/6                   |
|                                                                                                         | 32                         |     | 5SL62327RC   | 1543.-         | 1/6                   |
|                                                                                                         | 40                         |     | 5SL62407RC   | 2165.-         | 1/6                   |
|                                                                                                         | 50                         |     | 5SL62507RC   | 2542.-         | 1/6                   |
|                                                                                                         | 63                         |     | 5SL62637RC   | 2542.-         | 1/6                   |
| 3P, 415V AC<br><br>   | 0.5                        | 3   | 5SL63057RC   | 2895.-         | 1/4                   |
|                                                                                                         | 1                          |     | 5SL63017RC   | 2895.-         | 1/4                   |
|                                                                                                         | 2                          |     | 5SL63027RC   | 2895.-         | 1/4                   |
|                                                                                                         | 4                          |     | 5SL63047RC   | 2895.-         | 1/4                   |
|                                                                                                         | 6                          |     | ■ 5SL63067RC | 2317.-         | 1/4                   |
|                                                                                                         | 10                         |     | ■ 5SL63107RC | 2317.-         | 1/4                   |
|                                                                                                         | 16                         |     | ■ 5SL63167RC | 2317.-         | 1/4                   |
|                                                                                                         | 20                         |     | 5SL63207RC   | 2317.-         | 1/4                   |
|                                                                                                         | 25                         |     | 5SL63257RC   | 2317.-         | 1/4                   |
|                                                                                                         | 32                         |     | ■ 5SL63327RC | 2317.-         | 1/4                   |
|                                                                                                         | 40                         |     | ■ 5SL63407RC | 3243.-         | 1/4                   |
|                                                                                                         | 50                         |     | 5SL63507RC   | 3621.-         | 1/4                   |
|                                                                                                         | 63                         |     | ■ 5SL63637RC | 3621.-         | 1/4                   |
| 4P, 415V AC<br><br>   | 0.5                        | 4   | 5SL64057RC   | 3996.-         | 1/3                   |
|                                                                                                         | 1                          |     | 5SL64017RC   | 3996.-         | 1/3                   |
|                                                                                                         | 2                          |     | 5SL64027RC   | 3996.-         | 1/3                   |
|                                                                                                         | 4                          |     | 5SL64047RC   | 3996.-         | 1/3                   |
|                                                                                                         | 6                          |     | 5SL64067RC   | 3204.-         | 1/3                   |
|                                                                                                         | 10                         |     | 5SL64107RC   | 3204.-         | 1/3                   |
|                                                                                                         | 16                         |     | 5SL64167RC   | 3204.-         | 1/3                   |
|                                                                                                         | 20                         |     | 5SL64207RC   | 3204.-         | 1/3                   |
|                                                                                                         | 25                         |     | 5SL64257RC   | 3204.-         | 1/3                   |
|                                                                                                         | 32                         |     | 5SL64327RC   | 3204.-         | 1/3                   |
|                                                                                                         | 40                         |     | ■ 5SL64407RC | 4140.-         | 1/3                   |
|                                                                                                         | 50                         |     | 5SL64507RC   | 4793.-         | 1/3                   |
|                                                                                                         | 63                         |     | ■ 5SL64637RC | 4793.-         | 1/3                   |

■ Stock items

Note:

\* MRP - Maximum Retail Price

# 1MW (Module Width) = 18mm

\*\* Purchase MOQ for our authorised dealers is in multiples of standard packing, contact Siemens sales office for further details

^ Suitable for DC networks in Telecom application; 60V DC for 1P & 110V DC for 2P (contact Sales Office for connection diagram)

# Betagard Miniature Circuit Breakers 5SL4, with C characteristics



- Standards: IS/IEC 60898-1:2015
- Voltage: Un 240/415V, 50...60Hz^
- Breaking capacity: 10kA as per IS/IEC 60898-1
- With ISI marking: CM/L No. 2255548

| 10000A                                                                                                  | Rated Current<br>$I_n$ (A) | MW# | Reference No | Unit MRP*<br>₹ | Std. Pkg.**<br>(Nos.) |
|---------------------------------------------------------------------------------------------------------|----------------------------|-----|--------------|----------------|-----------------------|
| 1P, 240/415V AC<br><br> | 0.5                        | 1   | 5SL41057RC   | 808.-          | 1/12                  |
|                                                                                                         | 2                          |     | ■ 5SL41027RC | 808.-          | 1/12                  |
|                                                                                                         | 3                          |     | 5SL41037RC   | 808.-          | 1/12                  |
|                                                                                                         | 4                          |     | 5SL41047RC   | 808.-          | 1/12                  |
|                                                                                                         | 6                          |     | ■ 5SL41067RC | 523.-          | 1/12                  |
|                                                                                                         | 8                          |     | 5SL41087RC   | 523.-          | 1/12                  |
|                                                                                                         | 10                         |     | ■ 5SL41107RC | 523.-          | 1/12                  |
|                                                                                                         | 13                         |     | 5SL41137RC   | 523.-          | 1/12                  |
|                                                                                                         | 16                         |     | ■ 5SL41167RC | 523.-          | 1/12                  |
|                                                                                                         | 20                         |     | ■ 5SL41207RC | 523.-          | 1/12                  |
|                                                                                                         | 25                         |     | 5SL41257RC   | 523.-          | 1/12                  |
|                                                                                                         | 32                         |     | ■ 5SL41327RC | 523.-          | 1/12                  |
|                                                                                                         | 40                         |     | 5SL41407RC   | 1140.-         | 1/12                  |
|                                                                                                         | 50                         |     | 5SL41507RC   | 1174.-         | 1/12                  |
|                                                                                                         | 63                         |     | 5SL41637RC   | 1174.-         | 1/12                  |
| 2P, 415V AC<br><br>    | 0.5                        | 2   | 5SL42057RC   | 2398.-         | 1/6                   |
|                                                                                                         | 2                          |     | ■ 5SL42027RC | 2398.-         | 1/6                   |
|                                                                                                         | 3                          |     | 5SL42037RC   | 2398.-         | 1/6                   |
|                                                                                                         | 4                          |     | ■ 5SL42047RC | 2398.-         | 1/6                   |
|                                                                                                         | 6                          |     | ■ 5SL42067RC | 1719.-         | 1/6                   |
|                                                                                                         | 8                          |     | 5SL42087RC   | 1719.-         | 1/6                   |
|                                                                                                         | 10                         |     | ■ 5SL42107RC | 1719.-         | 1/6                   |
|                                                                                                         | 13                         |     | 5SL42137RC   | 1719.-         | 1/6                   |
|                                                                                                         | 16                         |     | ■ 5SL42167RC | 1719.-         | 1/6                   |
|                                                                                                         | 20                         |     | ■ 5SL42207RC | 1719.-         | 1/6                   |
|                                                                                                         | 25                         |     | 5SL42257RC   | 1719.-         | 1/6                   |
|                                                                                                         | 32                         |     | 5SL42327RC   | 1719.-         | 1/6                   |
|                                                                                                         | 40                         |     | 5SL42407RC   | 2772.-         | 1/6                   |
|                                                                                                         | 50                         |     | 5SL42507RC   | 2772.-         | 1/6                   |
|                                                                                                         | 63                         |     | 5SL42637RC   | 2772.-         | 1/6                   |
| 3P, 415V AC<br><br>   | 0.5                        | 3   | 5SL43057RC   | 3874.-         | 1/4                   |
|                                                                                                         | 2                          |     | 5SL43027RC   | 3874.-         | 1/4                   |
|                                                                                                         | 3                          |     | 5SL43037RC   | 3874.-         | 1/4                   |
|                                                                                                         | 4                          |     | 5SL43047RC   | 3874.-         | 1/4                   |
|                                                                                                         | 6                          |     | ■ 5SL43067RC | 2887.-         | 1/4                   |
|                                                                                                         | 8                          |     | 5SL43087RC   | 2887.-         | 1/4                   |
|                                                                                                         | 10                         |     | ■ 5SL43107RC | 2887.-         | 1/4                   |
|                                                                                                         | 13                         |     | 5SL43137RC   | 2887.-         | 1/4                   |
|                                                                                                         | 16                         |     | ■ 5SL43167RC | 2887.-         | 1/4                   |
|                                                                                                         | 20                         |     | ■ 5SL43207RC | 2887.-         | 1/4                   |
|                                                                                                         | 25                         |     | 5SL43257RC   | 2887.-         | 1/4                   |
|                                                                                                         | 32                         |     | ■ 5SL43327RC | 2887.-         | 1/4                   |
|                                                                                                         | 40                         |     | 5SL43407RC   | 4368.-         | 1/4                   |
|                                                                                                         | 50                         |     | 5SL43507RC   | 4368.-         | 1/4                   |
|                                                                                                         | 63                         |     | ■ 5SL43637RC | 4368.-         | 1/4                   |
| 4P, 415V AC<br><br>   | 0.5                        | 4   | 5SL44057RC   | 4869.-         | 1/3                   |
|                                                                                                         | 2                          |     | 5SL44027RC   | 4869.-         | 1/3                   |
|                                                                                                         | 3                          |     | 5SL44037RC   | 4869.-         | 1/3                   |
|                                                                                                         | 4                          |     | 5SL44047RC   | 4869.-         | 1/3                   |
|                                                                                                         | 6                          |     | 5SL44067RC   | 3996.-         | 1/3                   |
|                                                                                                         | 8                          |     | 5SL44087RC   | 3996.-         | 1/3                   |
|                                                                                                         | 10                         |     | 5SL44107RC   | 3996.-         | 1/3                   |
|                                                                                                         | 13                         |     | 5SL44137RC   | 3996.-         | 1/3                   |
|                                                                                                         | 16                         |     | 5SL44167RC   | 3996.-         | 1/3                   |
|                                                                                                         | 20                         |     | 5SL44207RC   | 3996.-         | 1/3                   |
|                                                                                                         | 25                         |     | 5SL44257RC   | 3996.-         | 1/3                   |
|                                                                                                         | 32                         |     | ■ 5SL44327RC | 3996.-         | 1/3                   |
|                                                                                                         | 40                         |     | 5SL44407RC   | 5451.-         | 1/3                   |
|                                                                                                         | 50                         |     | 5SL44507RC   | 5451.-         | 1/3                   |
|                                                                                                         | 63                         |     | ■ 5SL44637RC | 5451.-         | 1/3                   |

■ Stock items

Note: \* MRP - Maximum Retail Price # 1MW (Module Width) = 18mm

\*\* Purchase MOQ for our authorised dealers is in multiples of standard packing, contact Siemens sales office for further details

^ Suitable for DC networks in Telecom application; 60V DC for 1P & 110V DC for 2P (contact Sales Office for connection diagram)

# Betagard Residual Current Circuit Breakers 5SV



- Standards: IS 12640 (Part 1):2016/ IEC 61008-1:2012
- Voltage: 240/415VAC, 50Hz
- With ISI marking: CM/L No. 7676092

## Type AC, applicable in networks for AC residual currents

|                                                                                   |        | Rated residual current<br>$I_{\Delta n}$ (mA) | Rated Current<br>$I_n$ (A) | MW# | Reference No | Unit MRP*<br>₹ | Std. Pkg.**<br>(Nos.) |
|-----------------------------------------------------------------------------------|--------|-----------------------------------------------|----------------------------|-----|--------------|----------------|-----------------------|
|   | 2 Pole | 30                                            | 25                         | 2   | ■ 5SV43120RC | 5485.-         | 1                     |
|                                                                                   |        | 100                                           | 25                         |     | 5SV44120RC   | 6005.-         | 1                     |
|                                                                                   |        | 300                                           | 25                         |     | 5SV46120RC   | 6210.-         | 1                     |
|                                                                                   |        | 30                                            | 40                         |     | ■ 5SV43140RC | 6430.-         | 1                     |
|                                                                                   |        | 100                                           | 40                         |     | 5SV44140RC   | 7040.-         | 1                     |
|                                                                                   |        | 300                                           | 40                         |     | 5SV46140RC   | 7310.-         | 1                     |
|                                                                                   |        | 30                                            | 63                         |     | ■ 5SV43160RC | 8605.-         | 1                     |
|                                                                                   |        | 100                                           | 63                         |     | 5SV44160RC   | 9075.-         | 1                     |
|                                                                                   |        | 300                                           | 63                         |     | 5SV46160RC   | 9650.-         | 1                     |
|                                                                                   |        | 30                                            | 80                         |     | 5SV43170RC   | 13930.-        | 1                     |
|                                                                                   |        | 100                                           | 80                         |     | 5SV44170RC   | 14490.-        | 1                     |
|                                                                                   |        | 300                                           | 80                         |     | 5SV46170RC   | 14490.-        | 1                     |
|  | 4 Pole | 30                                            | 25                         | 4   | ■ 5SV43420RC | 7700.-         | 1                     |
|                                                                                   |        | 100                                           | 25                         |     | 5SV44420RC   | 7985.-         | 1                     |
|                                                                                   |        | 300                                           | 25                         |     | 5SV46420RC   | 8275.-         | 1                     |
|                                                                                   |        | 30                                            | 40                         |     | ■ 5SV43440RC | 7790.-         | 1                     |
|                                                                                   |        | 100                                           | 40                         |     | 5SV44440RC   | 8090.-         | 1                     |
|                                                                                   |        | 300                                           | 40                         |     | 5SV46440RC   | 8405.-         | 1                     |
|                                                                                   |        | 30                                            | 63                         |     | ■ 5SV43460RC | 9075.-         | 1                     |
|                                                                                   |        | 100                                           | 63                         |     | 5SV44460RC   | 9445.-         | 1                     |
|                                                                                   |        | 300                                           | 63                         |     | 5SV46460RC   | 9775.-         | 1                     |
|                                                                                   |        | 30                                            | 80                         |     | 5SV43470RC   | 13930.-        | 1                     |
|                                                                                   |        | 100                                           | 80                         |     | 5SV44470RC   | 14490.-        | 1                     |
|                                                                                   |        | 300                                           | 80                         |     | 5SV46470RC   | 14490.-        | 1                     |

■ Stock items

Note:

\* MRP - Maximum Retail Price # 1MW (Module Width) = 18mm

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

# Betagard Accessories

## Accessories for 5SL / 5SY / 5SP MCBs, 5TL Isolators, 5SV RCCBs, 5SM2 RC Units and 5SU1 RCBOs

|                                                                                     | Item Description                                                                                                                                                                                                                                                                                                                                                                             | Reference No                                                                                                                                           | Unit MRP*<br>₹                                                     | Std. Pkg.**<br>(Nos.)                      |
|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|--------------------------------------------|
|     | <b>Aux contact block</b> (For 5SL/5SY/5SP4/5TL/5SV/5SU1/5SM2)<br>1NO+1NC<br>2NO<br>2NC<br>1CO                                                                                                                                                                                                                                                                                                | 5ST3010 <sup>1)</sup><br>5ST3011 <sup>1)</sup><br>5ST3012 <sup>1)</sup><br>5ST3016 <sup>1)</sup>                                                       | 2300.-<br>2350.-<br>2350.-<br>3725.-                               | 12<br>1<br>1<br>1                          |
|                                                                                     | <b>Fault signal contact</b> (For 5SL/5SY/5SP4/5SV/5SU1/5SM2)<br>1NO+1NC<br>2NO<br>2NC                                                                                                                                                                                                                                                                                                        | 5ST3020 <sup>1)</sup><br>5ST3021 <sup>1)</sup><br>5ST3022 <sup>1)</sup>                                                                                | 3385.-<br>3440.-<br>3440.-                                         | 1<br>1<br>1                                |
|                                                                                     | <b>Shunt release</b> (For 5SL5/5SL7/5SY/5SP4/5SV/5SU1/5SM2)<br>110...415V AC<br>24...48V DC                                                                                                                                                                                                                                                                                                  | 5ST3030 <sup>1)</sup><br>5ST3031 <sup>1)</sup>                                                                                                         | 9495.-<br>9495.-                                                   | 1/5<br>1/5                                 |
|                                                                                     | <b>Auxiliary and fault signal changeover contact</b> (5SL/5SY/5SP4/5TL/5SV/5SU1/5SM2)<br>Auxiliary switch - 1CO<br>Fault contact - 1CO                                                                                                                                                                                                                                                       | 5ST3062                                                                                                                                                | 10955.-                                                            | 1                                          |
|                                                                                     | <b>Undervoltage release</b> (For 5SL5/5SL7/5SY/5SP4/5SV/5SU1/5SM2)<br>With integrated aux. switch<br>230V AC<br>110V DC<br>24V DC<br>Without integrated aux. switch<br>230V AC<br>110V DC<br>24V DC                                                                                                                                                                                          | 5ST3040 <sup>1)</sup><br>5ST3041 <sup>1)</sup><br>5ST3042 <sup>1)</sup><br><br>5ST3043 <sup>1)</sup><br>5ST3044 <sup>1)</sup><br>5ST3045 <sup>1)</sup> | 12750.-<br>12750.-<br>12750.-<br><br>12750.-<br>12750.-<br>12750.- | 1/5<br>1/5<br>1/5<br><br>1/5<br>1/5<br>1/5 |
|   | Remote control mechanism unit<br>Basic version for 5SL, 5SY, 5TL1 and 5SU1 (1P+N only)<br>(12-30)V AC & (12-48)V DC, 1.5MW<br>230V AC, 2MW<br>Power version for 5SL, 5SY, 5TL1, 5SU1 & 5SM2<br>(12-30)V AC & (12-48)V DC, 2MW<br>230V AC, 2MW                                                                                                                                                | 5ST3053<br>5ST3054<br><br>5ST3055<br>5ST3056                                                                                                           | 56870.-<br>56870.-<br><br>96240.-<br>96240.-                       | 1<br>1<br><br>1<br>1                       |
|                                                                                     | Power version for 5SM2<br>(12-30)V AC & (12-48)V DC, 2MW                                                                                                                                                                                                                                                                                                                                     | 5ST3070                                                                                                                                                | 112290.-                                                           | 1                                          |
|                                                                                     | Auto Reclose Device Version for 5SM2<br>(12-30)V AC & (12-48)V DC, 2MW<br>230V AC, 2MW                                                                                                                                                                                                                                                                                                       | 5ST3057<br>5ST3058                                                                                                                                     | 92160.-<br>108030.-                                                | 1<br>1                                     |
|                                                                                     | Adapter for Remote control mechanism<br>(To be ordered along with 5ST305X basic unit)<br>For 5SL - 1P & 2P, 5SV - 4P and 5SM2- 2P<br>For 5SL - 3P & 4P and 5SM2 - 3P & 4P<br>For 5SY - 1P & 2P and For 5SU1 <sup>^</sup> - 2P, 4M<br>For 5SY - 3P & 4P and For 5SU1 <sup>^</sup> - 4P, 7M<br>For 5SU1 - 2P, 2M<br><sup>^</sup> Add-on block for 5SU1 & 5SM2 to be ordered along with Adapter | 5ST38206<br>5ST38207<br>5ST38201<br>5ST38202<br>5ST38205<br>5ST38203                                                                                   | 1200.-<br>1200.-<br>1200.-<br>1200.-<br>1200.-<br>2615.-           | 1<br>1<br>1<br>1<br>1<br>1                 |
|                                                                                     | <b>Handle locking device</b><br>for 5SP and 5SY circuit breakers<br>for padlock with max. 3mm shackle<br>for 5SL circuit breakers, 5TL1 isolators and 5SV residual current circuit breakers for<br>padlock with max. 3 to 6 mm shackle                                                                                                                                                       | 5ST3801<br><br>5ST3806                                                                                                                                 | 1185.-<br><br>1120.-                                               | 1<br><br>5                                 |
|  | Pad locks<br>for 5ST3801 and 5ST3806 handle locking devices                                                                                                                                                                                                                                                                                                                                  | 5ST3802                                                                                                                                                | 760.-                                                              | 5                                          |
|   | Handle connector for 2P, 2M 5SU1 RCBO <sup>5</sup><br>(1set = 5 units in poly bag)                                                                                                                                                                                                                                                                                                           | 5ST38051                                                                                                                                               | 2360.-                                                             | 1                                          |

## Betagard Rotary Handle Assembly

|                                                                                    | Item Description                                                                          | Reference No. | Unit MRP*<br>₹ | Std. Pkg.**<br>(Nos.) |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|---------------|----------------|-----------------------|
|  | Rotary Handle Assembly for 5SY, 5SL, 5SP and 5TL1 series of MCBs/ Isolators <sup>55</sup> | 5ST38140RC    | 4230.-         | 1                     |

Note: \* MRP - Maximum Retail Price # 1MW (Module Width) = 18mm

\$ For 2P, 2M RCBOs, the accessories can be used along with Handle connector only

\$\$ Not suitable for 1P variants 1) Suffix -Z191 will be added for internal ordering

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



# 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**

# Surge Protection Devices

## For protection of equipment against Lightning and Switching surges

- Standard: IEC 61643-11 / EN 61643-11
- Type 1, Type 2 and Photovoltaic surge protection
- With Remote signaling contact
- Integrated SPD health indicator

### Type 1: Lightning Surge Arresters

- Maximum continuous operating voltage  $U_c$ : 350V



| Reference No. | Rated voltage | Pole | Module width | Total $I_{imp}$ (10/350 $\mu$ s) | $I_{max}$ (8/20 $\mu$ s) | Remote status | Unit LP* ₹ |
|---------------|---------------|------|--------------|----------------------------------|--------------------------|---------------|------------|
| 5SD74121RC    | 240V AC       | 1P+N | 4            | 50kA                             | 50kA                     | Yes           | 34740.-    |
| 5SD74141RC    | 240/415V AC   | 3P+N | 8            | 100kA                            | 50kA                     | Yes           | 67625.-    |

### Type 2: Surge Arresters



| Reference No. | Rated voltage | Pole | Module width | $U_c$   | $I_{max}$ (8/20 $\mu$ s) | Remote status | Unit LP* ₹ |
|---------------|---------------|------|--------------|---------|--------------------------|---------------|------------|
| 5SD74610RC    | 240V AC       | 1P   | 1            | 335V AC | 20kA                     | No            | 5680.-     |
| 5SD74640RC    | 240/415V AC   | 3P+N | 4            | 335V AC | 40kA                     | No            | 16890.-    |

### Surge Arresters for Photovoltaic application

On the DC side, over voltage protection is required for the inverters which can be ensured by using 5SD74836RC.

On the AC side, the over voltage protection can be ensured using surge arresters Type 2 (5SD7461-ORC/5SD7464-ORC)



| Reference No. | Rated voltage | Pole      | Module width | $U_{cpv}$ | $I_{max}$ (8/20 $\mu$ s) | Remote status | Unit LP* ₹ |
|---------------|---------------|-----------|--------------|-----------|--------------------------|---------------|------------|
| 5SD74836RC    | 1170V DC      | L+ and L- | 3            | 1170V DC  | 40kA                     | No            | 9595.-     |

Note: Standard packing: 1 unit

\*LP: List Price



# Surge Protection Devices

For protection of equipment against Lightning and Switching surges

## Type 1: Lightning Surge Arresters

For TN-S/ TT system

Lightning arresters, Type 1 requirement class B, UC 350V Pluggable protective modules 4-pole, 3+1 circuit for TN-S and TT systems with remote display



| Rated voltage<br>$U_N$ | Backup fuse<br>rating | Protection<br>level | Lightening impulse current<br>$I_{mp}(10/350\mu s)$ |       | Pole | Reference No. | Unit LP*<br>₹ |
|------------------------|-----------------------|---------------------|-----------------------------------------------------|-------|------|---------------|---------------|
|                        |                       |                     | L-N or L-(PE), 1P/3P                                | N-PE  |      |               |               |
| 240V AC                | 125A gL/gG            | 1.5-2.5kV           | 25kA                                                | 100kA | 1P+N | 5SD74121      | 125085.-      |
| 240/415V AC            | 125A gL/gG            | 1.5-2.5kV           | 25kA/75kA                                           | 100kA | 3P+N | 5SD74141      | 212185.-      |

For TN-C system

Lightning arresters, Type 1 requirement class B,  $U_c$  350V Pluggable protective modules 3-pole, 3+0 circuit for TNC systems with remote display



| Rated voltage<br>$U_N$ | Backup fuse<br>rating | Protection<br>level | Lightening impulse current<br>$I_{mp}(10/350\mu s)$ |      | Pole | Reference No. | Unit LP*<br>₹ |
|------------------------|-----------------------|---------------------|-----------------------------------------------------|------|------|---------------|---------------|
|                        |                       |                     | L-N or L-(PE), 1P/3P                                | N-PE |      |               |               |
| 240/415V AC            | 125A gL/gG            | $\leq 1.5kV$        | 25kA/75kA                                           | -    | 3P   | 5SD74131      | 165985.-      |

## Type 2: Surge Arresters

For TN-S/ TT system

Surge arrester Type 2 requirement class C,  $U_c$ :350V/260V (L-N/N-PE) Pluggable protective modules 4-pole, 3+1 circuit for TN-S and TT AC systems

Rated Discharge Surge Current  $I_n=20kA$  SC capacity with backup fuse=25kA



| Rated voltage<br>$U_N$ | Backup fuse<br>rating | Protection<br>level $U_p$ | Rated discharge current $I_n$<br>(8/20usec) |      | Pole | Remote<br>signaling | Reference No. | Unit LP*<br>₹ |
|------------------------|-----------------------|---------------------------|---------------------------------------------|------|------|---------------------|---------------|---------------|
|                        |                       |                           | L-N or L-(PE), 1P/3P                        | N-PE |      |                     |               |               |
| 240/415V               | 80A gL/gG             | 1.5-1.9kV                 | 40kA                                        | 40kA | 3P+N | No                  | 5SD74640      | 65765.-       |
| 240/415V               | 80A gL/gG             | 1.5-1.9kV                 | 40kA                                        | 40kA | 3P+N | Yes                 | 5SD74641      | 48520.-       |
| 240V                   | 80A gL/gG             | 1.5-1.9kV                 | 20kA                                        | 20kA | 1P+N | No                  | 5SD74220      | 38130.-       |
| 240V                   | 80A gL/gG             | 1.5-1.9kV                 | 20kA                                        | 20kA | 1P+N | Yes                 | 5SD74221      | 42095.-       |

For TN-C system

Surge arrester Type 2 requirement class C,  $U_c$ :350V Pluggable protective modules 3-pole, 3+0 circuit for TNC systems



| Rated voltage<br>$U_N$ | Backup fuse<br>rating | Protection<br>level $U_p$ | Maximum discharge surge<br>current $I_{max}$<br>L-N or L-(PE)N, 1P | Pole | Remote<br>signaling | Reference No. | Unit LP*<br>₹ |
|------------------------|-----------------------|---------------------------|--------------------------------------------------------------------|------|---------------------|---------------|---------------|
| 240/415V               | 80A gL/gG             | $\leq 1.5kV$              | 40kA                                                               | 3P   | No                  | 5SD74630      | 56240.-       |
| 240/415V               | 80A gL/gG             | $\leq 1.5kV$              | 40kA                                                               | 3P   | Yes                 | 5SD74631      | 58815.-       |

L - Line, N - Neutral, PE - Protective Earth

Note: Standard packing: 1unit

POR: Price On Request

\* LP : List Price

# Surge Protection Devices

For protection of equipment against Lightning and Switching surges

## Type 3: Surge Arresters

|  | Rated voltage      | Rated current | Protection level | Rated discharge current | Pole | Reference No. | Unit LP* ₹ |
|----------------------------------------------------------------------------------|--------------------|---------------|------------------|-------------------------|------|---------------|------------|
|                                                                                  | 24V AC<br>34V DC   | 26A           | 0.65kV           | 1kA                     | 2P   | 5SD74325      | 26665.-    |
|                                                                                  | 120V AC<br>150V DC | 26A           | 0.95kV           | 3kA                     | 2P   | 5SD74326      | 29050.-    |
|                                                                                  | 240V AC<br>240V DC | 26A           | 1.5kV            | 3kA                     | 2P   | 5SD74327      | 29830.-    |

## Surge arresters for photovoltaic application

Due to the combination of three power varistors, the overvoltage protection required for the inverters is implemented on the DC side. On the AC side, the overvoltage protection can be ensured using surge arresters type 2 (5SD7422-/5SD7424-)

|  | Rated voltage U <sub>N</sub> | Rated discharge current | Protection level U <sub>p</sub> | Lightning Impulse current (L-N/L-(PE)N) | Max. discharge current | Pole | Remote signaling | Reference No. | Unit LP* ₹ |
|----------------------------------------------------------------------------------|------------------------------|-------------------------|---------------------------------|-----------------------------------------|------------------------|------|------------------|---------------|------------|
|                                                                                  | 1000V DC                     | 15kA                    | ≤3.5kV                          | ≤5kA                                    | 40kA                   | 3P   | No               | 5SD74836      | 9595.-     |

5SD74836

## Replacement Plug

|  | SPD Type    | Type   | Connection | Reference No. | Unit LP* ₹ |
|------------------------------------------------------------------------------------|-------------|--------|------------|---------------|------------|
|                                                                                    | 5SD74121    | Type 1 | L-N        | 5SD74181      | 46800.-    |
|                                                                                    | 5SD74131    |        |            |               |            |
|                                                                                    | 5SD74141    |        | N-PE       | 5SD74180      | 49055.-    |
|                                                                                    | 5SD74121    |        |            |               |            |
|                                                                                    | 5SD74131    |        | Type 2     | 5SD74681      | 13745.-    |
|                                                                                    | 5SD74141    |        |            |               |            |
|                                                                                    | 5SD7463-0/1 |        | L-N        | 5SD74880      | 17240.-    |
|                                                                                    | 5SD7464-0/1 |        |            |               |            |
|                                                                                    | 5SD7464-0/1 |        | N-PE       | 5SD74281      | 13745.-    |
|                                                                                    | 5SD7422-0/1 |        |            |               |            |
|                                                                                    | 5SD7422-0/1 |        | N-PE       | 5SD74280      | 17895.-    |
|                                                                                    | 5SD7483-6   | PV     | -          | 5SD74983      | 14175.-    |

\* Also available Type 1+ Type 2 and Type1/2 Compact SPDs for protection against overvoltages from Lightning strikes as well as by switching operations in network

Note:  
Standard packing: 1 unit  
\* LP - List Price  
POR: Price On Request



# Modular Devices

For efficient control and monitoring

- 7LF time switch - Digital and Analog timers for all applications; available in Mini, Top, Profi, Astro, Expert and Expert GPS variants
- 5TT5 insta contactors – For all control applications; also with Manual/Automatic switching indicator
- DIN mounted phase indicators, monitoring relays and measuring devices for final distribution circuits
- Twilight Switch for Automatic Street Light Control

**SIEMENS**

Modular Devices

|                                                                                    | Item Description                                                                          | Rated Current<br>I <sub>n</sub> (A) | MW# | Reference No | Unit LP*<br>₹ | Std. Pkg.**<br>(Nos.) |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-------------------------------------|-----|--------------|---------------|-----------------------|
| Insta Contactors                                                                   |                                                                                           |                                     |     |              |               |                       |
| Standards: EN 60947-4-1, EN 60947-5-1                                              |                                                                                           |                                     |     |              |               |                       |
|    | 3NO+1NC contacts, 230V AC/220V DC<br>(1NC contact rated for 30A)                          | 40                                  | 3   | 5TT58410     | 19060.-       | 1/5                   |
|                                                                                    | 3NO+1NC contacts, 24V AC/24V DC<br>(1NC contact rated for 30A)                            | 40                                  | 3   | 5TT58412     | 19155.-       | 1/5                   |
|                                                                                    | 4NO contacts, 230V AC/220V DC                                                             | 40                                  | 3   | 5TT58400     | 19210.-       | 1/5                   |
|                                                                                    | 4NO contacts, 24V AC/24V DC                                                               | 40                                  | 3   | 5TT58402     | 19180.-       | 1/5                   |
|                                                                                    | 3NO+1NC contacts, 230V AC/220V DC<br>(1NC contact rated for 30A)                          | 63                                  | 3   | 5TT58510     | 29850.-       | 1/5                   |
|                                                                                    | 3NO+1NC contacts, 24V AC/24V DC,<br>(1NC contact rated for 30A)                           | 63                                  | 3   | 5TT58512     | 30395.-       | 1/5                   |
|                                                                                    | 4NO contacts, 230V AC/220V DC                                                             | 63                                  | 3   | 5TT58500     | 24345.-       | 1/5                   |
|                                                                                    | 4NO contacts, 24V AC/24V DC                                                               | 63                                  | 3   | 5TT58502     | 24395.-       | 1/5                   |
| Insta Contactors Manual / Automatic with Switching Indicator                       |                                                                                           |                                     |     |              |               |                       |
| Standards: IEC60947-4-1, IEC60947-5-1                                              |                                                                                           |                                     |     |              |               |                       |
|   | 4NO contacts, 400V AC                                                                     | 40                                  | 3   | 5TT58406     | 28220.-       | 1/5                   |
|                                                                                    | 4NO contacts, 400V AC                                                                     | 63                                  | 3   | 5TT58506     | 36975.-       | 1/5                   |
| Accessories                                                                        |                                                                                           |                                     |     |              |               |                       |
|                                                                                    | Control Switch with 1 Make and 1 Break<br>Contact For AC 230V/400V For 5TT58 and<br>5TT50 |                                     |     | 5TT59101     | 8500.-        | 1/10                  |
| Twilight switch                                                                    |                                                                                           |                                     |     |              |               |                       |
|  | Twilight Switch with light sensor 230 V,<br>50/60 Hz, 1MW, 16A                            |                                     |     | 7LQ2300      | 79960.-       | 1                     |

Note:  
\* LP - List Price            # 1MW (Module Width) = 18mm  
\*\* Purchase MOQ for our authorized dealers is in multiples of standard packing, contact Siemens Sales Office for further details



# Modular Devices

|                                                                                    | Item Description                                                                                                                                                                                                                                                                                                                                      | Rated Current<br>I <sub>n</sub> (A) | MW# | Reference No | Unit LP*<br>₹ | Std. Pkg.**<br>(Nos.) |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|-----|--------------|---------------|-----------------------|
| <b>Voltage Relays</b><br>Standards: IEC 60255, DIN VDE 0435-303                    |                                                                                                                                                                                                                                                                                                                                                       |                                     |     |              |               |                       |
|    | Voltage relay for undervoltage monitoring of 1,2,3 phases against N with phase failure detection, Switching thresholds 0.7-0.9xV, not adjustable; 2 C/O contacts, 4A, 230/400V AC                                                                                                                                                                     | 4                                   | 2   | 5TT3402      | POR           | 1                     |
|                                                                                    | Voltage relay for undervoltage monitoring of 1,2,3 phases against N, short time failure detection with phase failure detection and N conductor monitoring, Switching thresholds 0.8-0.85xV, not adjustable; 2 C/O contacts, 230/400V AC                                                                                                               | 4                                   | 2   | 5TT3407      | POR           | 1                     |
|                                                                                    | Voltage relay for over and undervoltage monitoring of 3 phases against N with asymmetry, reverse voltage and phase failure detection with N conductor monitoring and adj. Time delay of 0.1 to 20s, Switching thresholds: U/voltage 0.7-1.1xV, 4% hysteresis, adjustable, O/voltage 0.9-1.1xV, 4% hysteresis, adjustable; 2 C/O contacts, 230/400V AC | 4                                   | 2   | 5TT3408      | POR           | 1                     |
| <b>RYG 3 phase indicator in 1MW</b>                                                |                                                                                                                                                                                                                                                                                                                                                       |                                     |     |              |               |                       |
|   | 3 phase indicator (all with green color cap)                                                                                                                                                                                                                                                                                                          |                                     | 1   | 5TE5802      | 7770.-        | 1/10                  |
|                                                                                    | 3 phase indicator (red/yellow/green)                                                                                                                                                                                                                                                                                                                  |                                     | 1   | 5TE5803      | 7390.-        | 1/10                  |
|                                                                                    | Transparent cap (1 set = 3 items, R, Y, G lens)                                                                                                                                                                                                                                                                                                       |                                     |     | 5TG8070      | 1985.-        | 1/10                  |
| <b>Power ON Indicator (Economy Version) 230 V AC, 1 Phase</b>                      |                                                                                                                                                                                                                                                                                                                                                       |                                     |     |              |               |                       |
|  | Light indicators for max. cable length up to 5 m with 1 red lamp                                                                                                                                                                                                                                                                                      |                                     | 1   | 5TE5800      | 4635.-        | 1/12                  |
|                                                                                    | Light indicators for max. cable length up to 250 m with 1 red lamp                                                                                                                                                                                                                                                                                    |                                     | 1   | 5TE5804      | 5890.-        | 1/12                  |
|                                                                                    | Transparent cap (Red) (1 set 5x each red/transparent)                                                                                                                                                                                                                                                                                                 |                                     |     | 5TG8061      | 2565.-        | 5                     |
|                                                                                    | Transparent cap (Green) (1 Set with 5x each green/transparent)                                                                                                                                                                                                                                                                                        |                                     |     | 5TG8062      | 2565.-        | 5                     |
|                                                                                    | Transparent cap (Yellow) (1 Set with 5x each yellow/transparent)                                                                                                                                                                                                                                                                                      |                                     |     | 5TG8063      | 2565.-        | 5                     |
|                                                                                    | Transparent cap (Blue) (1 Set with 5x each blue/transparent)                                                                                                                                                                                                                                                                                          |                                     |     | 5TG8064      | 2565.-        | 5                     |
| <b>Fuse Monitor</b>                                                                |                                                                                                                                                                                                                                                                                                                                                       |                                     |     |              |               |                       |
|  | Fuse monitors with transparent caps for all low voltage fuse systems, 230V AC                                                                                                                                                                                                                                                                         | 4                                   | 2   | 5TT3170      | POR           | 1                     |

Note:

\* LP - List Price

# 1MW (Module Width) = 18mm

POR: Price On Request

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

# Modular Devices

|                                                                                               | Item Description                                                                               | Rated Current<br>I <sub>n</sub> (A) | MW# | Reference No | Unit LP*<br>₹ | Std. Pkg.**<br>(Nos.) |
|-----------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|-------------------------------------|-----|--------------|---------------|-----------------------|
| <b>Time Switches (Digital)</b>                                                                |                                                                                                |                                     |     |              |               |                       |
|               | Mini digital, daily/weekly program, 100 hours reserve, 230V AC                                 | 16                                  | 1   | 7LF45015     | 18030.-       | 1                     |
|                                                                                               | Yearly time switch top digital 230V, 1 channel                                                 | 16                                  | 2   | 7LF45110     | 22080.-       | 1                     |
|                                                                                               | Yearly time switch top digital 230V, 2 channel                                                 | 16                                  | 2   | 7LF45120     | 42275.-       | 1                     |
|                                                                                               | Weekly time switch profi digital 230V, 1 channel                                               | 16                                  | 2   | 7LF45210     | 39380.-       | 1                     |
|                                                                                               | Weekly time switch profi digital 230V, 2 channel                                               | 16                                  | 2   | 7LF45220     | 50935.-       | 1                     |
|                                                                                               | Weekly time switch astro digital 230V, 1 channel                                               | 16                                  | 2   | 7LF45310     | 39705.-       | 1                     |
|                                                                                               | Weekly time switch astro digital 230V, 2 channel                                               | 16                                  | 2   | 7LF45320     | 66370.-       | 1                     |
| <b>Time Switches (Mechanical)</b><br>Standards: EN 60730-1                                    |                                                                                                |                                     |     |              |               |                       |
| <br>7LF53005 | Quartz time switch Day 1 NO 230V/50-60Hz 1 MW with power reserve                               | 16                                  | 1   | 7LF53011     | 24430.-       | 1                     |
|                                                                                               | Synchronous time switches without power reserve, for DIN rail mounting, day disk, 1CO, 230V AC | 16                                  | 3   | 7LF53005     | 13485.-       | 1                     |
|                                                                                               | Quartz-clock time switches with power reserve for DIN rail mounting, day disk, 1CO, 230V AC    | 16                                  | 3   | 7LF53016     | 25950.-       | 1                     |
|                                                                                               | Quartz-clock time switches with power reserve for wall mounting, day disk, 1CO, 250V AC        | 16                                  | —   | 7LF53050     | 28390.-       | 1                     |
|                                                                                               | Synchronous time switches without power reserve, for wall mounting, day disk, 1CO, 250V AC     | 16                                  | —   | 7LF53010     | 16000.-       | 1                     |
| <b>Accessories for Digital Time Switches</b>                                                  |                                                                                                |                                     |     |              |               |                       |
|             | USB adapter and software                                                                       |                                     |     | 7LF49410     | 65350.-       | 1                     |
|                                                                                               | Data key profi, astro                                                                          |                                     |     | 7LF49411     | 6655.-        | 1                     |

Note:

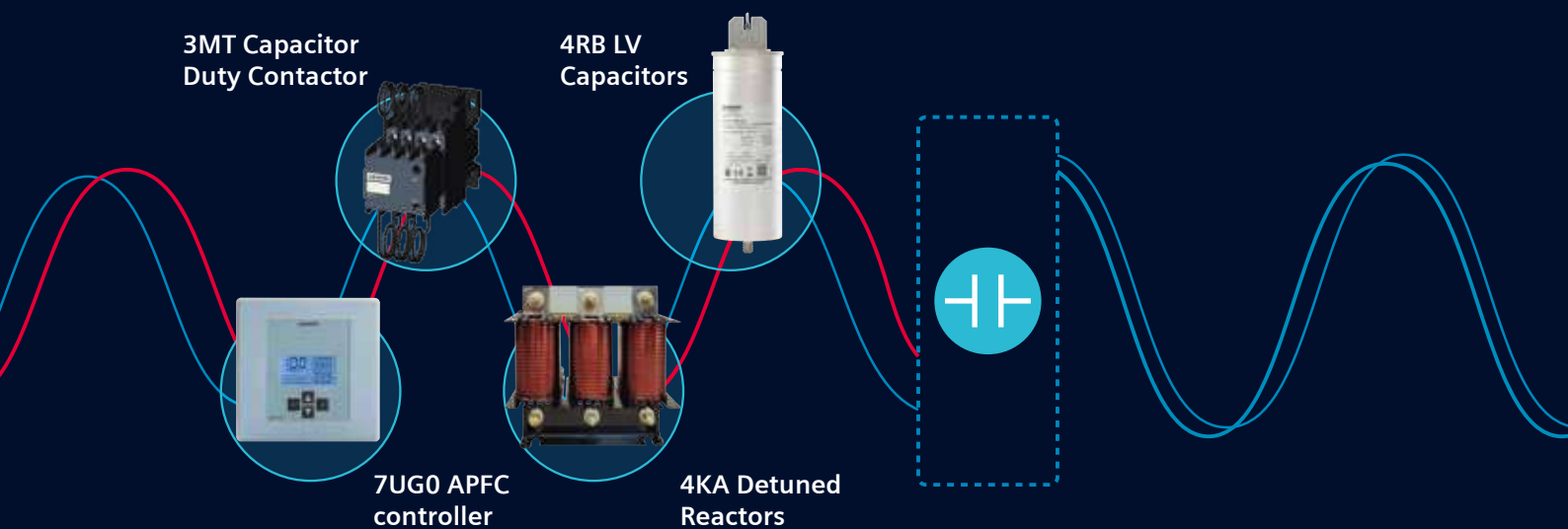
\* LP - List Price

# 1MW (Module Width) = 18mm

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



# 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                      |
|                    | 5.3          | 4RB1053-3GK50-8K | 9845.-        | 1                      |
| 690                | 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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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.-      |



## 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 Contactors 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

# Available till stocks last

## 3TS Capacitor duty Contactors

| Capacitor kVAr 415V, 3ph, 50Hz | Built-in aux. contacts | Type®             | Unit LP ₹ | Built-in aux. contacts | Type®            | Unit LP ₹ | Std. pkg. (nos.) |
|--------------------------------|------------------------|-------------------|-----------|------------------------|------------------|-----------|------------------|
| 5 kvar                         | 1 NO                   | 3TS2110-0A..5-8K† | 5020.-    |                        |                  |           |                  |
| 7 kvar                         | 1 NO                   | 3TS1110-0A..5-8K† | 5515.-    |                        |                  |           |                  |
| 10 kvar                        | –                      | 3TS2200-0A..5-8K† | 5995.-    | 1NO+1NC                | 3TS2211-0A..5-8K | 6875.-    | 1                |
| 12.5 kvar                      | –                      | 3TS1200-0A..5-8K† | 6145.-    | 1NO+1NC                | 3TS1211-0A..5-8K | 7020.-    | 1                |
| 16 kvar                        | –                      | 3TS1300-0A..5-8K† | 8445.-    | 1NO+1NC                | 3TS1311-0A..5-8K | 9305.-    | 1                |
| 20 kvar                        | –                      | 3TS1400-0A..5-8K† | 9515.-    | 1NO+1NC                | 3TS1411-0A..5-8K | 10350.-   | 1                |
| 25 kvar                        | –                      | 3TS1500-0A..5-8K† | 10980.-   | 1NO+1NC                | 3TS1511-0A..5-8K | 11865.-   | 1                |
| 30 kvar                        | –                      | 3TS2500-0A..5-8K† | 17100.-   | 1NO+1NC                | 3TS2511-0A..5-8K | 17990.-   | 1                |
| 40 kvar                        | 2 NO + 2 NC            | 3TS2722-0A..5-8K  | 29025.-   |                        |                  |           |                  |
| 50 kvar                        | 2 NO + 2 NC            | 3TS1722-0A..5-8K  | 33980.-   |                        |                  |           |                  |

† Facility to add one contact block of 1NO / 1NC



## 3TS Capacitor Duty Spares

@ AC 50Hz coil code - Please enter coil codes from table below

|                  | For 3TS contactors |     |     |
|------------------|--------------------|-----|-----|
| Code             | F0                 | P0  | R0  |
| Coil voltage (V) | 110                | 230 | 415 |

### Spare coils

| Contactor kVAr | Description  | Type*       | Unit LP ₹ | Std. pkg. (nos.) |
|----------------|--------------|-------------|-----------|------------------|
| 5 kvar         | AC 50Hz coil | 3TY74030A.. | 1800.-    | 1                |
| 7 kvar         |              |             |           |                  |
| 10 kvar        |              |             |           |                  |
| 12.5 kvar      |              |             |           |                  |
| 16 kvar        |              |             |           |                  |
| 20 kvar        |              | 3TY74430A.. | 2215.-    | 1                |
| 25 kvar        |              |             |           |                  |
| 30 kvar        |              |             |           |                  |
| 40 kvar        |              |             |           |                  |
| 50 kvar        |              |             |           |                  |
|                |              | 3TY74630A.. | 3845.-    | 1                |

\* For coil, refer above table

### Auxiliary contact blocks

| For contactor   | Description | Type       | Unit LP ₹ | Std. pkg. (nos.) |
|-----------------|-------------|------------|-----------|------------------|
| 3TS1110-3TS1500 | 1NO         | 3TX4010-2A | 500.-     | 10               |
|                 | 1NC         | 3TX4001-2A | 500.-     | 10               |

### Pre-charge resistor + Contact block kit

| Contactor kVAr | Description                                                              | Type             | Unit LP ₹ | Std. pkg. (nos.) |
|----------------|--------------------------------------------------------------------------|------------------|-----------|------------------|
| 10 kvar        | Pre-charge resistor + early making contact block kit + main contacts kit | 3TS9762-0SX15-8K | 4300.-    | 1                |
| 12.5 kvar      |                                                                          | 3TS9762-0SX15-8K |           | 1                |
| 16 kvar        |                                                                          | 3TS9763-0SX15-8K | 6390.-    | 1                |
| 20 kvar        |                                                                          | 3TS9764-0SX15-8K | 7205.-    | 1                |
| 25 kvar        |                                                                          | 3TS9765-0SX15-8K | 8475.-    | 1                |
| 30 kvar        |                                                                          | 3TS9765-0SX15-8K |           | 1                |
| 40 kvar        |                                                                          | 3TS9767-0SX15-8K |           | 1                |
| 50 kvar        |                                                                          | 3TS9767-0SX15-8K | 21795.-   | 1                |

Note: Pre-charge resistor + early making contact block kit + main contacts should be replaced simultaneously

## Betagard Isolators 5TL1

- Standard: IS/IEC 60947-3
- Voltage: 440V AC

|  |        | Rated Current I <sub>n</sub> (A) | MW <sup>#</sup> | Reference No | Unit MRP* ₹ | Std. Pkg.** (Nos.) |
|--|--------|----------------------------------|-----------------|--------------|-------------|--------------------|
|  | 2-pole | 40                               | 2               | 5TL12400     | POR         | 1/1                |
|  |        | 63                               |                 | 5TL12630     |             | 1/1                |
|  |        | 80                               |                 | 5TL12800     |             | 1/1                |
|  |        | 100                              |                 | 5TL12910     |             | 1/1                |
|  |        | 125                              |                 | 5TL12920     |             | 1/1                |
|  |        |                                  |                 |              |             |                    |
|  | 3-pole | 40                               | 3               | 5TL13400     | POR         | 1/1                |
|  |        | 63                               |                 | 5TL13630     |             | 1/1                |
|  |        | 80                               |                 | 5TL13800     |             | 1/1                |
|  |        | 100                              |                 | 5TL13910     |             | 1/1                |
|  |        | 125                              |                 | 5TL13920     |             | 1/1                |
|  |        |                                  |                 |              |             |                    |
|  | 4-pole | 40                               | 4               | 5TL14400     | POR         | 1/1                |
|  |        | 63                               |                 | 5TL14630     |             | 1/1                |
|  |        | 80                               |                 | 5TL14800     |             | 1/1                |
|  |        | 100                              |                 | 5TL14910     |             | 1/1                |
|  |        | 125                              |                 | 5TL14920     |             | 1/1                |
|  |        |                                  |                 |              |             |                    |

# Discontinued

## MPCBs for motor protection - 3VS16

| Overload release range<br>A | Type<br>(w/o aux. contact) | Type<br>(with 1NO+1NC) | Std. pkg. (nos) |
|-----------------------------|----------------------------|------------------------|-----------------|
| 6 - 10                      | 3VS1600-0ML00              | 3VS1600-1ML00          | 1               |
| 10 - 16                     | 3VS1600-0MM00              | 3VS1600-1MM00          | 1               |
| 16 - 25                     | 3VS1600-0MN00              | 3VS1600-1MN00          | 1               |
| 22 - 32                     | 3VS1600-0MP00              | 3VS1600-1MP00          | 1               |
| 28 - 40                     | 3VS1600-0MQ00              | 3VS1600-1MQ00          | 1               |
| 36 - 52                     | 3VS1600-0MR00              | 3VS1600-1MR00          | 1               |

### 7UG0 monitoring relays

| Description             | Voltage        | Type          |
|-------------------------|----------------|---------------|
| Speed monitoring relays | 110-240V AC/DC | 7UG0583-1CU20 |

## 3TS Converter duty Contactors

| Contactor Size | Rated current Ie (A)<br>AC1 at 415V | AC Coil           |
|----------------|-------------------------------------|-------------------|
|                |                                     | Type              |
| 12             | 630                                 | 3TS5722-0C..1-8K* |

## Spares for 3TS Contactors

### Convertor Duty

Main contact kits (set of 6 fixed & 3 moving contacts)

| Contactor rating | Description             | Type*         |
|------------------|-------------------------|---------------|
| 3TS57            | Spare main contact kits | 3TS9157-01-8K |

### Spare coils

|       | AC Coil      |
|-------|--------------|
| 3TS57 | 3TY7573-0C.. |

### for 3TS57

| AC 50/60Hz | Coil voltage (V) | 110-132 | 220-240 |
|------------|------------------|---------|---------|
|            | Code             | F7      | M7      |

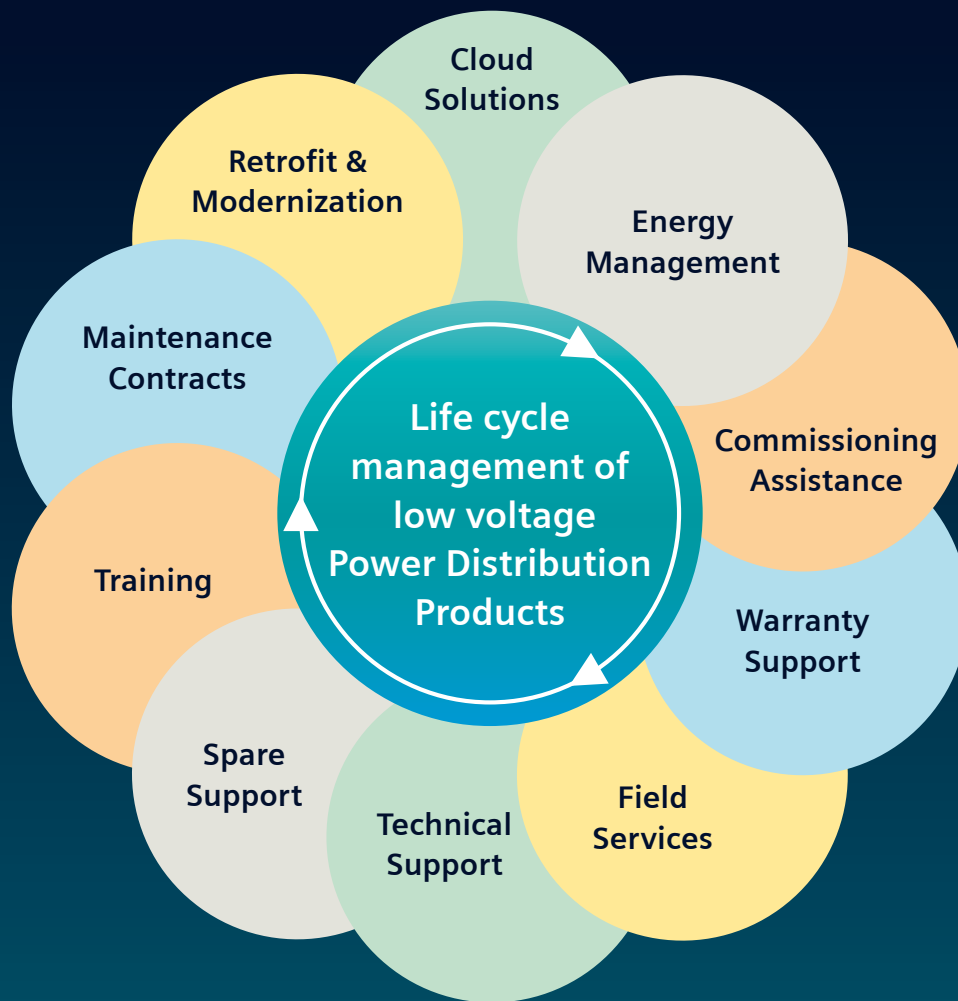
\* 3TS57 - Suitable for AC-1 applications. For frequency converter applications refer to the nearest Siemens office

## Modular Devices

| Reference No.                 | Reference No.                    | Reference No. |
|-------------------------------|----------------------------------|---------------|
| 5TE8161<br>5TE8162<br>5TE8142 | 5TT58000<br>5TT58006<br>5TT58016 | 5TT58306      |

## Accessories for 3VS

| Description                       | Version                                     | Type                                            |
|-----------------------------------|---------------------------------------------|-------------------------------------------------|
| Undervoltage release              | 230 V, 50 Hz                                | 3VU9132-0AB15                                   |
| Shunt trip                        | 230 V, 50 Hz<br>24 V, 50 Hz<br>DC 110-240 V | 3VU9132-0AB55<br>3VU9132-0AB50<br>3VU9132-0AB73 |
| Three-phase busbar for 3VS13 only | In feed terminal (63 A)                     | 3VU9135-1BB01                                   |
| Toggle padlocking device          | Locking in Off pos                          | 3VU9168-0KA00                                   |
| Three-phase busbar for 3VS13 only | busbars for 2 MPCBs                         | 3VU9135-1AB02                                   |
|                                   | busbars for 3 MPCBs                         | 3VU9135-1AB03                                   |
|                                   | busbars for 4 MPCBs                         | 3VU9135-1AB04                                   |
|                                   | busbars for 5 MPCBs                         | 3VU9135-1AB05                                   |



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