



# Our commitment is **your safe future**

Electrical Installations from A to Z  
Price List w.e.f. 15<sup>th</sup> October, 2023

**SIEMENS**





The safe choice –  
**now made smarter**

SENTRON circuit protection devices with  
communication and measuring function

[siemens.com/circuit-protection](https://www.siemens.com/circuit-protection)

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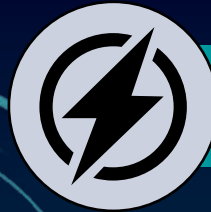


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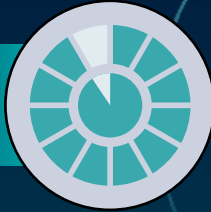
# Betagard 5SL MCBs – Inspiring Safety

Terminal covers for protection



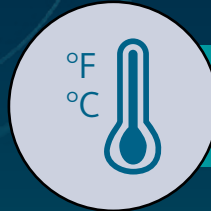
High Breaking capacity (Icn)

High Endurance Cycle



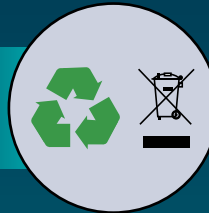
Very low watt loss

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<sup>^</sup>
- 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> | 0.5                        | 1      | 5SL61057RC   | 523.-          | 1/12                  |
|  | 1                          |        | 5SL61017RC   | 523.-          | 1/12                  |
|  | 2                          |        | 5SL61027RC   | 523.-          | 1/12                  |
|  | 3                          |        | 5SL61037RC   | 523.-          | 1/12                  |
|  | 4                          |        | 5SL61047RC   | 523.-          | 1/12                  |
|  | 6                          |        | 5SL61067RC   | 324.-          | 1/12                  |
|  | 8                          |        | 5SL61087RC   | 324.-          | 1/12                  |
|  | 10                         |        | 5SL61107RC   | 324.-          | 1/12                  |
|  | 13                         |        | 5SL61137RC   | 324.-          | 1/12                  |
|  | 16                         |        | 5SL61167RC   | 324.-          | 1/12                  |
|  | 20                         |        | 5SL61207RC   | 324.-          | 1/12                  |
|  | 25                         |        | 5SL61257RC   | 324.-          | 1/12                  |
|  | 32                         |        | 5SL61327RC   | 324.-          | 1/12                  |
|  | 40                         |        | 5SL61407RC   | 714.-          | 1/12                  |
|  | 50                         |        | 5SL61507RC   | 821.-          | 1/12                  |
| 63   | 5SL61637RC                 | 821.-  | 1/12         |                |                       |
| 2P, 415V AC<br>    | 0.5                        | 2      | 5SL62057RC   | 1464.-         | 1/6                   |
|  | 1                          |        | 5SL62017RC   | 1464.-         | 1/6                   |
|  | 2                          |        | 5SL62027RC   | 1464.-         | 1/6                   |
|  | 3                          |        | 5SL62037RC   | 1464.-         | 1/6                   |
|  | 4                          |        | 5SL62047RC   | 1464.-         | 1/6                   |
|  | 6                          |        | 5SL62067RC   | 1096.-         | 1/6                   |
|  | 8                          |        | 5SL62087RC   | 1096.-         | 1/6                   |
|  | 10                         |        | 5SL62107RC   | 1096.-         | 1/6                   |
|  | 13                         |        | 5SL62137RC   | 1096.-         | 1/6                   |
|  | 16                         |        | 5SL62167RC   | 1096.-         | 1/6                   |
|  | 20                         |        | 5SL62207RC   | 1096.-         | 1/6                   |
|  | 25                         |        | 5SL62257RC   | 1096.-         | 1/6                   |
|  | 32                         |        | 5SL62327RC   | 1096.-         | 1/6                   |
|  | 40                         |        | 5SL62407RC   | 1538.-         | 1/6                   |
|  | 50                         |        | 5SL62507RC   | 1806.-         | 1/6                   |
| 63   | 5SL62637RC                 | 1806.- | 1/6          |                |                       |
| 3P, 415V AC<br>   | 0.5                        | 3      | 5SL63057RC   | 2056.-         | 1/4                   |
|  | 1                          |        | 5SL63017RC   | 2056.-         | 1/4                   |
|  | 2                          |        | 5SL63027RC   | 2056.-         | 1/4                   |
|  | 4                          |        | 5SL63047RC   | 2056.-         | 1/4                   |
|  | 6                          |        | 5SL63067RC   | 1646.-         | 1/4                   |
|  | 10                         |        | 5SL63107RC   | 1646.-         | 1/4                   |
|  | 16                         |        | 5SL63167RC   | 1646.-         | 1/4                   |
|  | 20                         |        | 5SL63207RC   | 1646.-         | 1/4                   |
|  | 25                         |        | 5SL63257RC   | 1646.-         | 1/4                   |
|  | 32                         |        | 5SL63327RC   | 1646.-         | 1/4                   |
|  | 40                         |        | 5SL63407RC   | 2304.-         | 1/4                   |
|  | 50                         |        | 5SL63507RC   | 2573.-         | 1/4                   |
|  | 63                         |        | 5SL63637RC   | 2573.-         | 1/4                   |
| 4P, 415V AC<br>   | 0.5                        | 4      | 5SL64057RC   | 2838.-         | 1/3                   |
|  | 1                          |        | 5SL64017RC   | 2838.-         | 1/3                   |
|  | 2                          |        | 5SL64027RC   | 2838.-         | 1/3                   |
|  | 4                          |        | 5SL64047RC   | 2838.-         | 1/3                   |
|  | 6                          |        | 5SL64067RC   | 2276.-         | 1/3                   |
|  | 10                         |        | 5SL64107RC   | 2276.-         | 1/3                   |
|  | 16                         |        | 5SL64167RC   | 2276.-         | 1/3                   |
|  | 20                         |        | 5SL64207RC   | 2276.-         | 1/3                   |
|  | 25                         |        | 5SL64257RC   | 2276.-         | 1/3                   |
|  | 32                         |        | 5SL64327RC   | 2276.-         | 1/3                   |
|  | 40                         |        | 5SL64407RC   | 2941.-         | 1/3                   |
|  | 50                         |        | 5SL64507RC   | 3405.-         | 1/3                   |
|  | 63                         |        | 5SL64637RC   | 3405.-         | 1/3                   |

■ Stock items

Note:

\* MRP - Maximum Retail Price

# 1MW (Module Width) = 18mm





\*\* Purchase MOQ for our authorized 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 5SL6, with B 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> | 6  | 1          | 5SL61066RC   | 318.-          | 1/12                  |
|  | 10   |            | 5SL61106RC   | 318.-          | 1/12                  |
|  | 16   |            | 5SL61166RC   | 318.-          | 1/12                  |
|  | 20   |            | 5SL61206RC   | 318.-          | 1/12                  |
|  | 25   |            | 5SL61256RC   | 318.-          | 1/12                  |
|  | 32   |            | 5SL61326RC   | 318.-          | 1/12                  |
|  | 40   |            | 5SL61406RC   | 710.-          | 1/12                  |
|  | 50   |            | 5SL61506RC   | 798.-          | 1/12                  |
|  | 63   |            | 5SL61636RC   | 798.-          | 1/12                  |
|  | 2P, 415V AC<br>   |            | 6            | 2              | 5SL62066RC            |
| 10   |  | 5SL62106RC | 1084.-       |                | 1/6                   |
| 16   |  | 5SL62166RC | 1084.-       |                | 1/6                   |
| 20   |  | 5SL62206RC | 1084.-       |                | 1/6                   |
| 25   |  | 5SL62256RC | 1084.-       |                | 1/6                   |
| 32   |  | 5SL62326RC | 1084.-       |                | 1/6                   |
| 40   |  | 5SL62406RC | 1524.-       |                | 1/6                   |
| 50   |  | 5SL62506RC | 1791.-       |                | 1/6                   |
| 63   |  | 5SL62636RC | 1791.-       |                | 1/6                   |
| 3P, 415V AC<br>   |  | 6          | 3            |                | 5SL63066RC            |
|  | 10   | 5SL63106RC |              | 1646.-         | 1/4                   |
|  | 16   | 5SL63166RC |              | 1646.-         | 1/4                   |
|  | 20   | 5SL63206RC |              | 1646.-         | 1/4                   |
|  | 25   | 5SL63256RC |              | 1646.-         | 1/4                   |
|  | 32   | 5SL63326RC |              | 1646.-         | 1/4                   |
|  | 40   | 5SL63406RC |              | 2274.-         | 1/4                   |
|  | 50   | 5SL63506RC |              | 2550.-         | 1/4                   |
|  | 63   | 5SL63636RC |              | 2550.-         | 1/4                   |
|  | 4P, 415V AC<br> | 6          |              | 4              | 5SL64066RC            |
| 10   |  | 5SL64106RC | 2263.-       |                | 1/3                   |
| 16   |  | 5SL64166RC | 2263.-       |                | 1/3                   |
| 20   |  | 5SL64206RC | 2263.-       |                | 1/3                   |
| 25   |  | 5SL64256RC | 2263.-       |                | 1/3                   |
| 32   |  | 5SL64326RC | 2263.-       |                | 1/3                   |
| 40   |  | 5SL64406RC | 2825.-       |                | 1/3                   |
| 50   |  | 5SL64506RC | 3395.-       |                | 1/3                   |
| 63   |  | 5SL64636RC | 3395.-       |                | 1/3                   |

■ Stock items

Note:

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

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







# Betagard Miniature Circuit Breakers 5SL4, with C characteristics

IS/IEC 60898 - 1



CM/L No. 2255548

- Standards: IS/IEC 60898-1:2015
- Voltage: Un 240/415V, 50...60Hz<sup>^</sup>
- 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   | 590.-          | 1/12                  |
|  | 2                          |        | ■ 5SL41027RC | 590.-          | 1/12                  |
|  | 3                          |        | 5SL41037RC   | 590.-          | 1/12                  |
|  | 4                          |        | 5SL41047RC   | 590.-          | 1/12                  |
|  | 6                          |        | ■ 5SL41067RC | 382.-          | 1/12                  |
|  | 8                          |        | 5SL41087RC   | 382.-          | 1/12                  |
|  | 10                         |        | ■ 5SL41107RC | 382.-          | 1/12                  |
|  | 13                         |        | 5SL41137RC   | 382.-          | 1/12                  |
|  | 16                         |        | ■ 5SL41167RC | 382.-          | 1/12                  |
|  | 20                         |        | ■ 5SL41207RC | 382.-          | 1/12                  |
|  | 25                         |        | 5SL41257RC   | 382.-          | 1/12                  |
|  | 32                         |        | ■ 5SL41327RC | 382.-          | 1/12                  |
|  | 40                         |        | 5SL41407RC   | 832.-          | 1/12                  |
|  | 50                         |        | 5SL41507RC   | 857.-          | 1/12                  |
| 63   | 5SL41637RC                 | 857.-  | 1/12         |                |                       |
| 2P, 415V AC<br><br>    | 0.5                        | 2      | 5SL42057RC   | 1656.-         | 1/6                   |
|  | 2                          |        | ■ 5SL42027RC | 1656.-         | 1/6                   |
|  | 3                          |        | 5SL42037RC   | 1656.-         | 1/6                   |
|  | 4                          |        | ■ 5SL42047RC | 1656.-         | 1/6                   |
|  | 6                          |        | ■ 5SL42067RC | 1187.-         | 1/6                   |
|  | 8                          |        | 5SL42087RC   | 1187.-         | 1/6                   |
|  | 10                         |        | ■ 5SL42107RC | 1187.-         | 1/6                   |
|  | 13                         |        | 5SL42137RC   | 1187.-         | 1/6                   |
|  | 16                         |        | ■ 5SL42167RC | 1187.-         | 1/6                   |
|  | 20                         |        | ■ 5SL42207RC | 1187.-         | 1/6                   |
|  | 25                         |        | 5SL42257RC   | 1187.-         | 1/6                   |
|  | 32                         |        | 5SL42327RC   | 1187.-         | 1/6                   |
|  | 40                         |        | 5SL42407RC   | 1914.-         | 1/6                   |
|  | 50                         |        | 5SL42507RC   | 1914.-         | 1/6                   |
| 63   | 5SL42637RC                 | 1914.- | 1/6          |                |                       |
| 3P, 415V AC<br><br>   | 0.5                        | 3      | 5SL43057RC   | 2675.-         | 1/4                   |
|  | 2                          |        | 5SL43027RC   | 2675.-         | 1/4                   |
|  | 3                          |        | 5SL43037RC   | 2675.-         | 1/4                   |
|  | 4                          |        | 5SL43047RC   | 2675.-         | 1/4                   |
|  | 6                          |        | ■ 5SL43067RC | 1993.-         | 1/4                   |
|  | 8                          |        | 5SL43087RC   | 1993.-         | 1/4                   |
|  | 10                         |        | ■ 5SL43107RC | 1993.-         | 1/4                   |
|  | 13                         |        | 5SL43137RC   | 1993.-         | 1/4                   |
|  | 16                         |        | ■ 5SL43167RC | 1993.-         | 1/4                   |
|  | 20                         |        | ■ 5SL43207RC | 1993.-         | 1/4                   |
|  | 25                         |        | 5SL43257RC   | 1993.-         | 1/4                   |
|  | 32                         |        | ■ 5SL43327RC | 1993.-         | 1/4                   |
|  | 40                         |        | 5SL43407RC   | 3016.-         | 1/4                   |
|  | 50                         |        | 5SL43507RC   | 3016.-         | 1/4                   |
| 63   | ■ 5SL43637RC               | 3016.- | 1/4          |                |                       |
| 4P, 415V AC<br><br>   | 0.5                        | 4      | 5SL44057RC   | 3362.-         | 1/3                   |
|  | 2                          |        | 5SL44027RC   | 3362.-         | 1/3                   |
|  | 3                          |        | 5SL44037RC   | 3362.-         | 1/3                   |
|  | 4                          |        | 5SL44047RC   | 3362.-         | 1/3                   |
|  | 6                          |        | 5SL44067RC   | 2759.-         | 1/3                   |
|  | 8                          |        | 5SL44087RC   | 2759.-         | 1/3                   |
|  | 10                         |        | 5SL44107RC   | 2759.-         | 1/3                   |
|  | 13                         |        | 5SL44137RC   | 2759.-         | 1/3                   |
|  | 16                         |        | 5SL44167RC   | 2759.-         | 1/3                   |
|  | 20                         |        | 5SL44207RC   | 2759.-         | 1/3                   |
|  | 25                         |        | 5SL44257RC   | 2759.-         | 1/3                   |
|  | 32                         |        | ■ 5SL44327RC | 2759.-         | 1/3                   |
|  | 40                         |        | 5SL44407RC   | 3764.-         | 1/3                   |
|  | 50                         |        | 5SL44507RC   | 3764.-         | 1/3                   |
| 63   | ■ 5SL44637RC               | 3764.- | 1/3          |                |                       |

■ Stock items





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

\*\* Purchase MOQ for our authorized 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 5SL7, with C characteristics

- Standards: IS/IEC 60898-1:2015
- Voltage: Un 240/415V, 50....60Hz
- Breaking capacity: 15kA<sup>1)</sup> as per IS/IEC 60898-1
- With ISI marking: CM/L No. 2255548

|  | Rated Current<br>$I_n$ (A) | MW# | Reference No | Unit MRP*<br>₹ | Std. Pkg.**<br>(Nos.) |
|--|----------------------------|-----|--------------|----------------|-----------------------|
| 1P, 240/415V AC<br> | 0.5                        | 1   | 5SL71057RC   | 660.-          | 1/12                  |
|  | 1                          |     | 5SL71017RC   | 660.-          | 1/12                  |
|  | 2                          |     | 5SL71027RC   | 650.-          | 1/12                  |
|  | 4                          |     | 5SL71047RC   | 650.-          | 1/12                  |
|  | 6                          |     | 5SL71067RC   | 562.-          | 1/12                  |
|  | 10                         |     | 5SL71107RC   | 562.-          | 1/12                  |
|  | 16                         |     | 5SL71167RC   | 562.-          | 1/12                  |
|  | 20                         |     | 5SL71207RC   | 562.-          | 1/12                  |
|  | 25                         |     | 5SL71257RC   | 562.-          | 1/12                  |
|  | 32                         |     | 5SL71327RC   | 562.-          | 1/12                  |
|  | 40                         |     | 5SL71407RC   | 879.-          | 1/12                  |
|  | 50                         |     | 5SL71507RC   | 889.-          | 1/12                  |
|  | 63                         |     | 5SL71637RC   | 889.-          | 1/12                  |
| 2P, 415V AC<br>    | 0.5                        | 2   | 5SL72057RC   | 1862.-         | 1/6                   |
|  | 1                          |     | 5SL72017RC   | 1862.-         | 1/6                   |
|  | 2                          |     | 5SL72027RC   | 1830.-         | 1/6                   |
|  | 4                          |     | 5SL72047RC   | 1830.-         | 1/6                   |
|  | 6                          |     | 5SL72067RC   | 1331.-         | 1/6                   |
|  | 10                         |     | 5SL72107RC   | 1331.-         | 1/6                   |
|  | 16                         |     | 5SL72167RC   | 1331.-         | 1/6                   |
|  | 20                         |     | 5SL72207RC   | 1331.-         | 1/6                   |
|  | 25                         |     | 5SL72257RC   | 1331.-         | 1/6                   |
|  | 32                         |     | 5SL72327RC   | 1331.-         | 1/6                   |
|  | 40                         |     | 5SL72407RC   | 2007.-         | 1/6                   |
|  | 50                         |     | 5SL72507RC   | 2007.-         | 1/6                   |
|  | 63                         |     | 5SL72637RC   | 2007.-         | 1/6                   |
| 3P, 415V AC<br>   | 0.5                        | 3   | 5SL73057RC   | 2860.-         | 1/4                   |
|  | 1                          |     | 5SL73017RC   | 2860.-         | 1/4                   |
|  | 2                          |     | 5SL73027RC   | 2808.-         | 1/4                   |
|  | 4                          |     | 5SL73047RC   | 2808.-         | 1/4                   |
|  | 6                          |     | 5SL73067RC   | 2116.-         | 1/4                   |
|  | 10                         |     | 5SL73107RC   | 2116.-         | 1/4                   |
|  | 16                         |     | 5SL73167RC   | 2116.-         | 1/4                   |
|  | 20                         |     | 5SL73207RC   | 2116.-         | 1/4                   |
|  | 25                         |     | 5SL73257RC   | 2116.-         | 1/4                   |
|  | 32                         |     | 5SL73327RC   | 2116.-         | 1/4                   |
|  | 40                         |     | 5SL73407RC   | 3156.-         | 1/4                   |
|  | 50                         |     | 5SL73507RC   | 3156.-         | 1/4                   |
|  | 63                         |     | 5SL73637RC   | 3156.-         | 1/4                   |
| 4P, 415V AC<br>   | 0.5                        | 4   | 5SL74057RC   | 3604.-         | 1/3                   |
|  | 1                          |     | 5SL74017RC   | 3604.-         | 1/3                   |
|  | 2                          |     | 5SL74027RC   | 3536.-         | 1/3                   |
|  | 4                          |     | 5SL74047RC   | 3536.-         | 1/3                   |
|  | 6                          |     | 5SL74067RC   | 2834.-         | 1/3                   |
|  | 10                         |     | 5SL74107RC   | 2834.-         | 1/3                   |
|  | 16                         |     | 5SL74167RC   | 2834.-         | 1/3                   |
|  | 20                         |     | 5SL74207RC   | 2834.-         | 1/3                   |
|  | 25                         |     | 5SL74257RC   | 2834.-         | 1/3                   |
|  | 32                         |     | 5SL74327RC   | 2834.-         | 1/3                   |
|  | 40                         |     | 5SL74407RC   | 3973.-         | 1/3                   |
|  | 50                         |     | 5SL74507RC   | 3973.-         | 1/3                   |
|  | 63                         |     | 5SL74637RC   | 3973.-         | 1/3                   |

Note:

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





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

<sup>1)</sup> Breaking capacity 63A - 10kA



# Betagard Miniature Circuit Breakers 5SL7, with D characteristics

- Standards: IS/IEC 60898-1
- Voltage: Un 240/415V, 50....60Hz
- Breaking capacity: 15kA<sup>1)</sup> as per IS/IEC 60898-1
- With ISI marking: CM/L No. 2255548

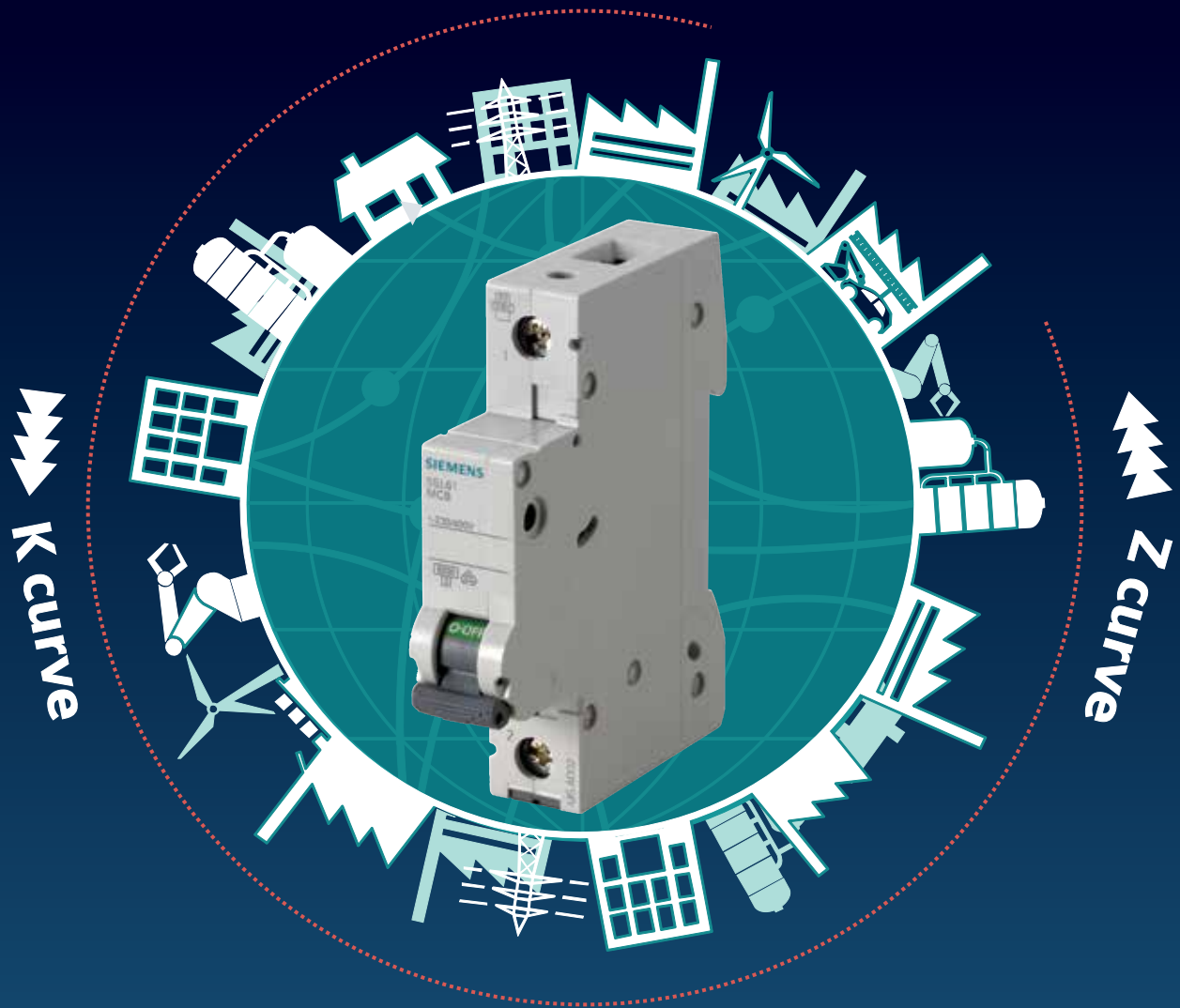
|  | Rated Current<br>$I_n$ (A) | MW# | Reference No | Unit MRP*<br>₹ | Std. Pkg.**<br>(Nos.) |
|--|----------------------------|-----|--------------|----------------|-----------------------|
| 1P, 240/415V AC<br> | 0.5                        | 1   | 5SL71058RC   | 671.-          | 1/12                  |
|  | 1                          |     | 5SL71018RC   | 671.-          | 1/12                  |
|  | 2                          |     | 5SL71028RC   | 650.-          | 1/12                  |
|  | 4                          |     | 5SL71048RC   | 650.-          | 1/12                  |
|  | 6                          |     | 5SL71068RC   | 582.-          | 1/12                  |
|  | 10                         |     | 5SL71108RC   | 582.-          | 1/12                  |
|  | 16                         |     | 5SL71168RC   | 582.-          | 1/12                  |
|  | 20                         |     | 5SL71208RC   | 582.-          | 1/12                  |
|  | 25                         |     | 5SL71258RC   | 582.-          | 1/12                  |
|  | 32                         |     | 5SL71328RC   | 582.-          | 1/12                  |
|  | 40                         |     | 5SL71408RC   | 1134.-         | 1/12                  |
|  | 50                         |     | 5SL71508RC   | 1134.-         | 1/12                  |
|  | 63                         |     | 5SL71638RC   | 1134.-         | 1/12                  |
| 2P, 415V AC<br>    | 0.5                        | 2   | 5SL72058RC   | 1898.-         | 1/6                   |
|  | 1                          |     | 5SL72018RC   | 1898.-         | 1/6                   |
|  | 2                          |     | 5SL72028RC   | 1830.-         | 1/6                   |
|  | 4                          |     | 5SL72048RC   | 1830.-         | 1/6                   |
|  | 6                          |     | 5SL72068RC   | 1404.-         | 1/6                   |
|  | 10                         |     | 5SL72108RC   | 1404.-         | 1/6                   |
|  | 16                         |     | 5SL72168RC   | 1404.-         | 1/6                   |
|  | 20                         |     | 5SL72208RC   | 1404.-         | 1/6                   |
|  | 25                         |     | 5SL72258RC   | 1404.-         | 1/6                   |
|  | 32                         |     | 5SL72328RC   | 1404.-         | 1/6                   |
|  | 40                         |     | 5SL72408RC   | 2590.-         | 1/6                   |
|  | 50                         |     | 5SL72508RC   | 2590.-         | 1/6                   |
|  | 63                         |     | 5SL72638RC   | 2590.-         | 1/6                   |
| 3P, 415V AC<br>   | 0.5                        | 3   | 5SL73058RC   | 2917.-         | 1/4                   |
|  | 1                          |     | 5SL73018RC   | 2917.-         | 1/4                   |
|  | 2                          |     | 5SL73028RC   | 2808.-         | 1/4                   |
|  | 4                          |     | 5SL73048RC   | 2808.-         | 1/4                   |
|  | 6                          |     | 5SL73068RC   | 2226.-         | 1/4                   |
|  | 10                         |     | 5SL73108RC   | 2226.-         | 1/4                   |
|  | 16                         |     | 5SL73168RC   | 2226.-         | 1/4                   |
|  | 20                         |     | 5SL73208RC   | 2226.-         | 1/4                   |
|  | 25                         |     | 5SL73258RC   | 2226.-         | 1/4                   |
|  | 32                         |     | 5SL73328RC   | 2226.-         | 1/4                   |
|  | 40                         |     | 5SL73408RC   | 4040.-         | 1/4                   |
|  | 50                         |     | 5SL73508RC   | 4040.-         | 1/4                   |
|  | 63                         |     | 5SL73638RC   | 4040.-         | 1/4                   |
| 4P, 415V AC<br>   | 0.5                        | 4   | 5SL74058RC   | 3728.-         | 1/3                   |
|  | 1                          |     | 5SL74018RC   | 3728.-         | 1/3                   |
|  | 2                          |     | 5SL74028RC   | 3593.-         | 1/3                   |
|  | 4                          |     | 5SL74048RC   | 3593.-         | 1/3                   |
|  | 6                          |     | 5SL74068RC   | 2943.-         | 1/3                   |
|  | 10                         |     | 5SL74108RC   | 2943.-         | 1/3                   |
|  | 16                         |     | 5SL74168RC   | 2943.-         | 1/3                   |
|  | 20                         |     | 5SL74208RC   | 2943.-         | 1/3                   |
|  | 25                         |     | 5SL74258RC   | 2943.-         | 1/3                   |
|  | 32                         |     | 5SL74328RC   | 2943.-         | 1/3                   |
|  | 40                         |     | 5SL74408RC   | 5075.-         | 1/3                   |
|  | 50                         |     | 5SL74508RC   | 5075.-         | 1/3                   |
|  | 63                         |     | 5SL74638RC   | 5075.-         | 1/3                   |

Note:

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

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

<sup>1)</sup> Breaking capacity 40A - 63A: 10kA



# 5SL Circuit Breaker - K & Z Curve

## **"K" Characteristic Trip Curve:**

MCB trips instantaneously when the current flowing through it reaches between 10 to 14 times the rated current.

Suitable for inductive and motor loads with high inrush currents; etc

## **"Z" Characteristic Trip Curve:**

MCB trips when the current flowing through it reaches between 2 to 3 times the rated current, highly sensitive to short circuit current

Suitable for the protection of highly sensitive devices such as semiconductor devices,





- In compliance with standards IEC 60947-2
- Range available from 2A – 63A
- Comprehensive features & accessories in line with 5SL MCB
- For protection in Industrial, Infrastructure, Process Automation, Commercial applications

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

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## Betagard Circuit Breakers 5SL7, with K characteristics

- Standards: IS/IEC 60947-2
- Voltage: Un 240/415V, 50....60Hz
- Breaking capacity: 15kA<sup>1)</sup> as per IS/IEC 60947-2

|  | Rated Current<br>$I_n$ (A) | MW#    | Reference No | Unit MRP*<br>₹ | Std. Pkg.**<br>(Nos.) |
|--|----------------------------|--------|--------------|----------------|-----------------------|
| 1P, 240/415V AC<br> | 2                          | 1      | 5SL71023RC   | 582.-          | 1/12                  |
|  | 4                          |        | 5SL71043RC   | 582.-          | 1/12                  |
|  | 6                          |        | 5SL71063RC   | 520.-          | 1/12                  |
|  | 10                         |        | 5SL71103RC   | 515.-          | 1/12                  |
|  | 16                         |        | 5SL71163RC   | 520.-          | 1/12                  |
|  | 20                         |        | 5SL71203RC   | 515.-          | 1/12                  |
|  | 25                         |        | 5SL71253RC   | 520.-          | 1/12                  |
|  | 32                         |        | 5SL71323RC   | 520.-          | 1/12                  |
|  | 40                         |        | 5SL71403RC   | 915.-          | 1/12                  |
| 63   | 5SL71633RC                 | 1071.- | 1/12         |                |                       |
| 2P, 415V AC<br>     | 2                          | 2      | 5SL72023RC   | 1752.-         | 1/6                   |
|  | 4                          |        | 5SL72043RC   | 1752.-         | 1/6                   |
|  | 6                          |        | 5SL72063RC   | 1622.-         | 1/6                   |
|  | 10                         |        | 5SL72103RC   | 1591.-         | 1/6                   |
|  | 16                         |        | 5SL72163RC   | 1622.-         | 1/6                   |
|  | 20                         |        | 5SL72203RC   | 1591.-         | 1/6                   |
|  | 25                         |        | 5SL72253RC   | 1622.-         | 1/6                   |
|  | 32                         |        | 5SL72323RC   | 1622.-         | 1/6                   |
|  | 40                         |        | 5SL72403RC   | 1960.-         | 1/6                   |
| 63   | 5SL72633RC                 | 2257.- | 1/6          |                |                       |
| 3P, 415V AC<br>   | 2                          | 3      | 5SL73023RC   | 2720.-         | 1/4                   |
|  | 4                          |        | 5SL73043RC   | 2720.-         | 1/4                   |
|  | 6                          |        | 5SL73063RC   | 2491.-         | 1/4                   |
|  | 10                         |        | 5SL73103RC   | 2439.-         | 1/4                   |
|  | 16                         |        | 5SL73163RC   | 2491.-         | 1/4                   |
|  | 20                         |        | 5SL73203RC   | 2439.-         | 1/4                   |
|  | 25                         |        | 5SL73253RC   | 2491.-         | 1/4                   |
|  | 32                         |        | 5SL73323RC   | 2491.-         | 1/4                   |
|  | 40                         |        | 5SL73403RC   | 2772.-         | 1/4                   |
| 63   | 5SL73633RC                 | 3115.- | 1/4          |                |                       |
| 4P, 415V AC<br>   | 2                          | 4      | 5SL74023RC   | 3474.-         | 1/3                   |
|  | 4                          |        | 5SL74043RC   | 3474.-         | 1/3                   |
|  | 6                          |        | 5SL74063RC   | 3276.-         | 1/3                   |
|  | 10                         |        | 5SL74103RC   | 3214.-         | 1/3                   |
|  | 16                         |        | 5SL74163RC   | 3276.-         | 1/3                   |
|  | 20                         |        | 5SL74203RC   | 3214.-         | 1/3                   |
|  | 25                         |        | 5SL74253RC   | 3276.-         | 1/3                   |
|  | 32                         |        | 5SL74323RC   | 3276.-         | 1/3                   |
|  | 40                         |        | 5SL74403RC   | 3578.-         | 1/3                   |
| 63   | 5SL74633RC                 | 4030.- | 1/3          |                |                       |

Note:

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





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

<sup>1)</sup> Breaking capacity 40A - 63A: 10kA



## Betagard Circuit Breakers 5SL4, with Z characteristics

- Standards: IS/IEC 60947-2
- Voltage: Un 240/415V, 50....60Hz
- Breaking capacity: 10kA as per IS/IEC 60947-2

|  | Rated Current<br>$I_n$ (A) | MW# | Reference No | Unit MRP*<br>₹ | Std. Pkg.**<br>(Nos.) |
|--|----------------------------|-----|--------------|----------------|-----------------------|
| 1P, 240/415V AC<br> | 2                          | 1   | 5SL41020RC   | 795.-          | 1/12                  |
|  | 4                          |     | 5SL41040RC   | 795.-          | 1/12                  |
|  | 6                          |     | 5SL41060RC   | 625.-          | 1/12                  |
|  | 10                         |     | 5SL41100RC   | 625.-          | 1/12                  |
|  | 16                         |     | 5SL41160RC   | 625.-          | 1/12                  |
|  | 20                         |     | 5SL41200RC   | 625.-          | 1/12                  |
|  | 25                         |     | 5SL41250RC   | 625.-          | 1/12                  |
|  | 32                         |     | 5SL41320RC   | 625.-          | 1/12                  |
|  | 40                         |     | 5SL41400RC   | 824.-          | 1/12                  |
|  | 63                         |     | 5SL41630RC   | 824.-          | 1/12                  |
| 2P, 415V AC<br>     | 2                          | 2   | 5SL42020RC   | 1505.-         | 1/6                   |
|  | 4                          |     | 5SL42040RC   | 1505.-         | 1/6                   |
|  | 6                          |     | 5SL42060RC   | 1420.-         | 1/6                   |
|  | 10                         |     | 5SL42100RC   | 1420.-         | 1/6                   |
|  | 16                         |     | 5SL42160RC   | 1420.-         | 1/6                   |
|  | 20                         |     | 5SL42200RC   | 1420.-         | 1/6                   |
|  | 25                         |     | 5SL42250RC   | 1420.-         | 1/6                   |
|  | 32                         |     | 5SL42320RC   | 1420.-         | 1/6                   |
|  | 40                         |     | 5SL42400RC   | 1646.-         | 1/6                   |
|  | 63                         |     | 5SL42630RC   | 1646.-         | 1/6                   |
| 3P, 415V AC<br>   | 2                          | 3   | 5SL43020RC   | 2385.-         | 1/4                   |
|  | 4                          |     | 5SL43040RC   | 2385.-         | 1/4                   |
|  | 6                          |     | 5SL43060RC   | 1987.-         | 1/4                   |
|  | 10                         |     | 5SL43100RC   | 1987.-         | 1/4                   |
|  | 16                         |     | 5SL43160RC   | 1987.-         | 1/4                   |
|  | 20                         |     | 5SL43200RC   | 1987.-         | 1/4                   |
|  | 25                         |     | 5SL43250RC   | 1987.-         | 1/4                   |
|  | 32                         |     | 5SL43320RC   | 1987.-         | 1/4                   |
|  | 40                         |     | 5SL43400RC   | 2498.-         | 1/4                   |
|  | 63                         |     | 5SL43630RC   | 2498.-         | 1/4                   |
| 4P, 415V AC<br>   | 2                          | 4   | 5SL44020RC   | 2583.-         | 1/3                   |
|  | 4                          |     | 5SL44040RC   | 2583.-         | 1/3                   |
|  | 6                          |     | 5SL44060RC   | 2243.-         | 1/3                   |
|  | 10                         |     | 5SL44100RC   | 2243.-         | 1/3                   |
|  | 16                         |     | 5SL44160RC   | 2243.-         | 1/3                   |
|  | 20                         |     | 5SL44200RC   | 2243.-         | 1/3                   |
|  | 25                         |     | 5SL44250RC   | 2243.-         | 1/3                   |
|  | 32                         |     | 5SL44320RC   | 2243.-         | 1/3                   |
|  | 40                         |     | 5SL44400RC   | 2816.-         | 1/3                   |
|  | 63                         |     | 5SL44630RC   | 2816.-         | 1/3                   |

Note:


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

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

## Betagard Circuit Breakers 5SY4, with C characteristics

- Standards: IEC/EN 60947-2
- Voltage: Un 230/400V
- Breaking capacity: 10kA as per IEC/EN 60947-2

### C characteristic

| 10000A  |       | Rated Current<br>I <sub>n</sub> (A) | MW# | Reference No | Unit MRP*<br>₹ | Std. Pkg.**<br>(Nos.) |
|---|-------|-------------------------------------|-----|--------------|----------------|-----------------------|
|  | 1Pole | 80A                                 | 1   | 5SY41807CC   | 4599.-         | 1/1                   |
|   | 2Pole |                                     | 2   | 5SY42807CC   | 9043.-         | 1/1                   |
|   | 3Pole |                                     | 3   | 5SY43807CC   | 14111.-        | 1/1                   |
|   | 4Pole |                                     | 4   | 5SY44807CC   | 20219.-        | 1/1                   |




## Betagard Miniature Circuit Breakers 5SP4, with C/D characteristics

IS/IEC 60898 - 1






- Standards: IS/IEC 60898-1:2002
- Voltage: Un 240/415V
- Breaking capacity: 10kA as per IS/IEC 60898-1:2002
- With ISI marking: CM/L No. 2255548

### C characteristic

| 10000A  |        | Rated Current<br>I <sub>n</sub> (A) | MW# | Reference No | Unit MRP*<br>₹ | Std. Pkg.**<br>(Nos.) |
|---|--------|-------------------------------------|-----|--------------|----------------|-----------------------|
|  | 1-pole | 80                                  | 1.5 | 5SP41807RC   | 4043.-         | 1/10                  |
|   |        | 100                                 |     | 5SP41917RC   | 4264.-         | 1/10                  |
|   |        | 125                                 |     | 5SP41927RC   | 4841.-         | 1/10                  |
|  | 2-pole | 80                                  | 3   | 5SP42807RC   | 7941.-         | 1/5                   |
|   |        | 100                                 |     | 5SP42917RC   | 8369.-         | 1/5                   |
|   |        | 125                                 |     | 5SP42927RC   | 9471.-         | 1/5                   |
|  | 3-pole | 80                                  | 4.5 | 5SP43807RC   | 12396.-        | 1/1                   |
|   |        | 100                                 |     | 5SP43917RC   | 12721.-        | 1/1                   |
|   |        | 125                                 |     | 5SP43927RC   | 14580.-        | 1/1                   |
|   | 4-pole | 80                                  | 6   | 5SP44807RC   | 17778.-        | 1/1                   |
|   |        | 100                                 |     | 5SP44917RC   | 18293.-        | 1/1                   |
|   |        | 125                                 |     | 5SP44927RC   | 20827.-        | 1/1                   |

### D characteristic

|   |        |     |     |            |         |      |
|---|--------|-----|-----|------------|---------|------|
|  | 1-pole | 80  | 1.5 | 5SP41808RC | 4455.-  | 1/10 |
|   |        | 100 |     | 5SP41918RC | 4671.-  | 1/10 |
|  | 2-pole | 80  | 3   | 5SP42808RC | 8940.-  | 1/5  |
|   |        | 100 |     | 5SP42918RC | 9476.-  | 1/5  |
|  | 3-pole | 80  | 4.5 | 5SP43808RC | 13771.- | 1/1  |
|   |        | 100 |     | 5SP43918RC | 13910.- | 1/1  |
|   | 4-pole | 80  | 6   | 5SP44808RC | 19369.- | 1/1  |
|   |        | 100 |     | 5SP44918RC | 19864.- | 1/1  |

Note:



\* MRP - Maximum Retail Price

# 1MW (Module Width) = 18mm

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

## Betagard Circuit Breakers 5SL5, DC with C Characteristics

- Standards: IS/IEC 60947-2
- Voltage: 220V DC/1P & 440V DC/2P^
- Breaking capacity: 10kA as per IS/IEC 60947-2

| 10000A   | Rated Current<br>$I_n$ (A) | MW# | Reference No | Unit MRP*<br>₹ | Std. Pkg.**<br>(Nos.) |
|--|----------------------------|-----|--------------|----------------|-----------------------|
|   | 1P, 220V DC                | 1   | 5SL51057RC   | 979.-          | 1/12                  |
|  |                            | 1   | 5SL51017RC   | 979.-          | 1/12                  |
|  |                            | 2   | 5SL51027RC   | 1051.-         | 1/12                  |
|  |                            | 3   | 5SL51037RC   | 1107.-         | 1/12                  |
|  |                            | 4   | 5SL51047RC   | 1051.-         | 1/12                  |
|  |                            | 6   | 5SL51067RC   | 896.-          | 1/12                  |
|  |                            | 8   | 5SL51087RC   | 948.-          | 1/12                  |
|  |                            | 10  | 5SL51107RC   | 896.-          | 1/12                  |
|  |                            | 16  | 5SL51167RC   | 896.-          | 1/12                  |
|  |                            | 20  | 5SL51207RC   | 896.-          | 1/12                  |
|  |                            | 25  | 5SL51257RC   | 896.-          | 1/12                  |
|  |                            | 32  | 5SL51327RC   | 896.-          | 1/12                  |
|  |                            | 40  | 5SL51407RC   | 1339.-         | 1/12                  |
|  |                            | 50  | 5SL51507RC   | 1339.-         | 1/12                  |
|  |                            | 63  | 5SL51637RC   | 1339.-         | 1/12                  |
|  | 2P, 440V DC                | 2   | 5SL52057RC   | 2132.-         | 1/6                   |
|  |                            | 1   | 5SL52017RC   | 2132.-         | 1/6                   |
|  |                            | 2   | 5SL52027RC   | 2132.-         | 1/6                   |
|  |                            | 3   | 5SL52037RC   | 2230.-         | 1/6                   |
|  |                            | 4   | 5SL52047RC   | 2132.-         | 1/6                   |
|  |                            | 6   | 5SL52067RC   | 1864.-         | 1/6                   |
|  |                            | 8   | 5SL52087RC   | 1957.-         | 1/6                   |
|  |                            | 10  | 5SL52107RC   | 1864.-         | 1/6                   |
|  |                            | 16  | 5SL52167RC   | 1864.-         | 1/6                   |
|  |                            | 20  | 5SL52207RC   | 1864.-         | 1/6                   |
|  |                            | 25  | 5SL52257RC   | 1864.-         | 1/6                   |
|  |                            | 32  | 5SL52327RC   | 1864.-         | 1/6                   |
|  |                            | 40  | 5SL52407RC   | 2760.-         | 1/6                   |
|  |                            | 50  | 5SL52507RC   | 2760.-         | 1/6                   |
|  |                            | 63  | 5SL52637RC   | 2760.-         | 1/6                   |




■ Stock items

^ For connection diagram, contact Siemens Sales Office for further details.

• Also available DC Circuit Breakers for Solar applications - contact Siemens sales office for further details.

## Betagard Isolators 5TL1

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

|   | Rated Current<br>$I_n$ (A) | MW# | Reference No | Unit MRP*<br>₹ | Std. Pkg.**<br>(Nos.) |
|---|----------------------------|-----|--------------|----------------|-----------------------|
|  | 2-pole                     | 2   | 5TL12400     | 900.-          | 1/1                   |
|   |                            | 63  | 5TL12630     | 1185.-         | 1/1                   |
|   |                            | 80  | 5TL12800     | 1550.-         | 1/1                   |
|   |                            | 100 | 5TL12910     | 1970.-         | 1/1                   |
|   |                            | 125 | 5TL12920     | 2055.-         | 1/1                   |
|  | 3-pole                     | 3   | 5TL13400     | 1675.-         | 1/1                   |
|   |                            | 63  | 5TL13630     | 1875.-         | 1/1                   |
|   |                            | 80  | 5TL13800     | 2270.-         | 1/1                   |
|   |                            | 100 | 5TL13910     | 2385.-         | 1/1                   |
|   |                            | 125 | 5TL13920     | 2575.-         | 1/1                   |
|  | 4-pole                     | 4   | 5TL14400     | 1960.-         | 1/1                   |
|   |                            | 63  | 5TL14630     | 2235.-         | 1/1                   |
|   |                            | 80  | 5TL14800     | 2690.-         | 1/1                   |
|   |                            | 100 | 5TL14910     | 3230.-         | 1/1                   |
|   |                            | 125 | 5TL14920     | 3500.-         | 1/1                   |

Note:


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

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



## Betagard Circuit Breakers 5SL5, 4-pole DC with C Characteristics

- Standards: IS/IEC 60947-2
- Voltage: 880V DC/4P<sup>^</sup>
- Breaking capacity: 10kA as per IS/IEC 60947-2

| 10000A  | Rated Current<br>$I_n$ (A) | MW# | Reference No | Unit MRP*<br>₹ | Std. Pkg.**<br>(Nos.) |
|---|----------------------------|-----|--------------|----------------|-----------------------|
|  | 4P, 880V DC <sup>1)</sup>  | 4   | 5SL54067RC   | 3770.-         | 1/3                   |
|   | 6                          |     | 5SL54107RC   | 3770.-         | 1/3                   |
|   | 10                         |     | 5SL54167RC   | 3770.-         | 1/3                   |
|   | 16                         |     | 5SL54257RC   | 4012.-         | 1/3                   |
|   | 25                         |     | 5SL54327RC   | 4012.-         | 1/3                   |
|   | 32                         |     | 5SL54407RC   | 4717.-         | 1/3                   |
|   | 40                         |     | 5SL54637RC   | 4949.-         | 1/3                   |
| 63  |                            |     |              |                |                       |

1) Maximum operational voltage 1000V DC

<sup>^</sup> For connection diagram, contact Siemens Sales Office for further details.

Note:

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

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



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Celebrate Life, while we Care.

# Betagard 5SV

## Residual Current Circuit Breakers



In the event of a fault,  
residual current protective  
devices reliably disconnect  
power to protect humans

### Fault protection

**"Protection against indirect contact"**

Protects people in the event of contact with electrically conductive parts, if a risk exists as a result of a fault due to the magnitude or duration of the touch voltage



### Additional protection

**"Protection in case of direct contact" with  $I_{\Delta n} = 30\text{mA}$**

Protects individuals if they come in direct contact with an active live part under normal operating condition



### Fire protection

**"Protection from insulation faults" with  $I_{\Delta n} = 300\text{mA}$**

For the prevention of fires which can be caused by insulation faults in locations exposed to fire hazards



### Surge current withstand capability

**"Protection surge currents" with  $8/20\mu\text{s} > 1000\text{Amp}$**

For Type "A"  have a surge current capability to avoid nuisance tripping







# Betagard Residual Current Circuit Breakers 5SV





- Standards: IS 12640 (Part 1):2016/ IEC 61008-1:2012
- Voltage: 240/415V AC, 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 $I_n$<br>(A) | MW# | Reference No | Unit MRP*<br>₹ | Std. Pkg.**<br>(Nos.) |   |
|--|---|----------------------------|-----|--------------|----------------|-----------------------|---|
|   | 2 Pole  | 30                         | 25  | 2            | 5SV43120RC     | 4310.-                | 1 |
|  |   | 100                        | 25  |              | 5SV44120RC     | 4500.-                | 1 |
|  |   | 300                        | 25  |              | 5SV46120RC     | 4650.-                | 1 |
|  |   | 30                         | 40  |              | 5SV43140RC     | 5050.-                | 1 |
|  |   | 100                        | 40  |              | 5SV44140RC     | 5275.-                | 1 |
|  |   | 300                        | 40  |              | 5SV46140RC     | 5475.-                | 1 |
|  |   | 30                         | 63  |              | 5SV43160RC     | 6755.-                | 1 |
|  |   | 100                        | 63  |              | 5SV44160RC     | 6805.-                | 1 |
|  |   | 300                        | 63  |              | 5SV46160RC     | 7235.-                | 1 |
|  |   | 30                         | 80  |              | 5SV43170RC     | 10445.-               | 1 |
|  |   | 100                        | 80  |              | 5SV44170RC     | 10860.-               | 1 |
|  |   | 300                        | 80  |              | 5SV46170RC     | 10860.-               | 1 |
|  | 4 Pole  | 30                         | 25  | 4            | 5SV43420RC     | 5775.-                | 1 |
|  |   | 100                        | 25  |              | 5SV44420RC     | 5985.-                | 1 |
|  |   | 300                        | 25  |              | 5SV46420RC     | 6205.-                | 1 |
|  |   | 30                         | 40  |              | 5SV43440RC     | 5840.-                | 1 |
|  |   | 100                        | 40  |              | 5SV44440RC     | 6065.-                | 1 |
|  |   | 300                        | 40  |              | 5SV46440RC     | 6300.-                | 1 |
|  |   | 30                         | 63  |              | 5SV43460RC     | 6805.-                | 1 |
|  |   | 100                        | 63  |              | 5SV44460RC     | 7075.-                | 1 |
|  |   | 300                        | 63  |              | 5SV46460RC     | 7330.-                | 1 |
|  |   | 30                         | 80  |              | 5SV43470RC     | 10445.-               | 1 |
|  |   | 100                        | 80  |              | 5SV44470RC     | 10860.-               | 1 |
|  |   | 300                        | 80  |              | 5SV46470RC     | 10860.-               | 1 |

Type A, applicable in networks with AC and/or pulsating DC residual currents

|   |        |     |    |   |            |         |   |
|---|--------|-----|----|---|------------|---------|---|
|  | 2 Pole | 30  | 25 | 2 | 5SV33126RC | 7880.-  | 1 |
|   |        | 100 | 25 |   | 5SV34126RC | 9290.-  | 1 |
|   |        | 300 | 25 |   | 5SV36126RC | 9290.-  | 1 |
|   |        | 30  | 40 |   | 5SV33146RC | 8940.-  | 1 |
|   |        | 100 | 40 |   | 5SV34146RC | 9310.-  | 1 |
|   |        | 300 | 40 |   | 5SV36146RC | 9310.-  | 1 |
|   |        | 30  | 63 |   | 5SV33166RC | 13000.- | 1 |
|   |        | 100 | 63 |   | 5SV34166RC | 13365.- | 1 |
|   |        | 300 | 63 |   | 5SV36166RC | 12730.- | 1 |
|   |        | 30  | 80 |   | 5SV33176RC | 13980.- | 1 |
|   |        | 100 | 80 |   | 5SV34176RC | 15040.- | 1 |
|   |        | 300 | 80 |   | 5SV36176RC | 14320.- | 1 |
|  | 4 Pole | 30  | 25 | 4 | 5SV33426RC | 9345.-  | 1 |
|   |        | 100 | 25 |   | 5SV34426RC | 11535.- | 1 |
|   |        | 300 | 25 |   | 5SV36426RC | 11535.- | 1 |
|   |        | 30  | 40 |   | 5SV33446RC | 10320.- | 1 |
|   |        | 100 | 40 |   | 5SV34446RC | 11535.- | 1 |
|   |        | 300 | 40 |   | 5SV36446RC | 11535.- | 1 |
|   |        | 30  | 63 |   | 5SV33466RC | 11790.- | 1 |
|   |        | 100 | 63 |   | 5SV34466RC | 11710.- | 1 |
|   |        | 300 | 63 |   | 5SV36466RC | 11710.- | 1 |
|   |        | 30  | 80 |   | 5SV33476RC | 14170.- | 1 |
|   |        | 100 | 80 |   | 5SV34476RC | 15040.- | 1 |
|   |        | 300 | 80 |   | 5SV36476RC | 14320.- | 1 |

■ Stock items

Note:

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

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

Residual Current Devices

# SENTRON 5SM2

## Residual Current Units

NEW



RC Units suitable with 5SL7..RC MCBs for complete protection from Residual current, Over load and Short circuit faults



Easy and Fast Installation



Reduced Inventory with range up to 63A in two variants only

Wide portfolio catering to various applications



Confirming to  
- IEC/EN 61009-1  
- IEC/EN 61009-2-1  
- IEC/EN 61543



RoHS compliant






# SENTRON Residual Current Units 5SM2




**NEW**

- Standards: In accordance with IEC/EN 61009-1 (VDE 0664-20), IEC/EN 61009-2-1 (VDE 0664-21), IEC/EN 61543 (VDE 0664-30)
- Voltage: 240/415V AC, 50Hz

Type AC, applicable in networks for AC residual currents

|  | Number of poles | Mounting width MW# | Rated residual current I <sub>Δn</sub> [mA] | RC Unit-Current Rating [A] | 5SL7..RC MCBs- Rated current [A] | Reference No | Unit LP* ₹ | Std. Pkg.** (Nos.) |
|--|-----------------|--------------------|---|----------------------------|----------------------------------|--------------|------------|--------------------|
|   | 2               | 2                  | 10  | 40                         | 2- 40                            | 5SM21210RC   | 4110.-     | 1                  |
|  |                 |                    | 30  | 40                         | 2- 40                            | ■ 5SM23220RC | 3640.-     | 1                  |
|  |                 |                    |   | 63                         | 2- 63                            | 5SM23250RC   | 5980.-     | 1                  |
|  |                 |                    | 100   | 40                         | 2- 40                            | 5SM24220RC   | 4490.-     | 1                  |
|  |                 |                    | 63  | 2- 63                      | 5SM24250RC                       | 6515.-       | 1          |                    |
|  |                 |                    | 300   | 40                         | 2- 40                            | ■ 5SM26220RC | 3620.-     | 1                  |
|  |                 |                    |   | 63                         | 2- 63                            | 5SM26250RC   | 5835.-     | 1                  |
|   | 3               | 3                  | 30  | 40                         | 2- 40                            | 5SM23320RC   | 4095.-     | 1                  |
|  |                 |                    |   | 63                         | 2- 63                            | 5SM23350RC   | 6175.-     | 1                  |
|  |                 |                    | 100   | 40                         | 2- 40                            | 5SM24320RC   | 4885.-     | 1                  |
|  |                 |                    |   | 63                         | 2- 63                            | 5SM24350RC   | 6725.-     | 1                  |
|  |                 |                    | 300   | 40                         | 2- 40                            | 5SM26320RC   | 5100.-     | 1                  |
|  |                 |                    |   | 63                         | 2- 63                            | 5SM26350RC   | 6880.-     | 1                  |
|  | 4               | 3                  | 30  | 40                         | 2- 40                            | ■ 5SM23420RC | 4450.-     | 1                  |
|  |                 |                    |   | 63                         | 2- 63                            | ■ 5SM23450RC | 5775.-     | 1                  |
|  |                 |                    | 100   | 40                         | 2- 40                            | 5SM24420RC   | 5200.-     | 1                  |
|  |                 |                    |   | 63                         | 2- 63                            | 5SM24450RC   | 6025.-     | 1                  |
|  |                 |                    | 300   | 40                         | 2- 40                            | 5SM26420RC   | 5415.-     | 1                  |
|  |                 |                    |   | 63                         | 2- 63                            | 5SM26450RC   | 6180.-     | 1                  |

Type A, applicable in networks with AC and/or pulsating DC residual currents

|   | Number of poles | Mounting width MW# | Rated residual current I <sub>Δn</sub> [mA] | RC Unit-Current Rating [A] | 5SL7..RC MCBs- Rated current [A] | Reference No | Unit LP* ₹ | Std. Pkg.** (Nos.) |
|---|-----------------|--------------------|---|----------------------------|----------------------------------|--------------|------------|--------------------|
|  | 2               | 2                  | 10  | 40                         | 2- 40                            | 5SM21216RC   | 4185.-     | 1                  |
|   |                 |                    | 30  | 40                         | 2- 40                            | 5SM23226RC   | 3650.-     | 1                  |
|   |                 |                    |   | 63                         | 2- 63                            | 5SM23256RC   | 6210.-     | 1                  |
|   |                 |                    | 100   | 40                         | 2- 40                            | 5SM24226RC   | 4885.-     | 1                  |
|   |                 |                    | 63  | 2- 63                      | 5SM24256RC                       | 5515.-       | 1          |                    |
|   |                 |                    | 300   | 40                         | 2- 40                            | 5SM26226RC   | 5100.-     | 1                  |
|   |                 |                    |   | 63                         | 2- 63                            | 5SM26256RC   | 5725.-     | 1                  |
|  | 3               | 3                  | 30  | 40                         | 2- 40                            | 5SM23326RC   | 4140.-     | 1                  |
|   |                 |                    |   | 63                         | 2- 63                            | 5SM23356RC   | 6335.-     | 1                  |
|   |                 |                    | 100   | 40                         | 2- 40                            | 5SM24326RC   | 4940.-     | 1                  |
|   |                 |                    |   | 63                         | 2- 63                            | 5SM24356RC   | 6895.-     | 1                  |
|   |                 |                    | 300   | 40                         | 2- 40                            | 5SM26326RC   | 5150.-     | 1                  |
|   |                 |                    |   | 63                         | 2- 63                            | 5SM26356RC   | 7055.-     | 1                  |
|  | 4               | 3                  | 30  | 40                         | 2- 40                            | 5SM23426RC   | 4970.-     | 1                  |
|   |                 |                    |   | 63                         | 2- 63                            | 5SM23456RC   | 5925.-     | 1                  |
|   |                 |                    | 100   | 40                         | 2- 40                            | 5SM24426RC   | 5400.-     | 1                  |
|   |                 |                    |   | 63                         | 2- 63                            | 5SM24456RC   | 6180.-     | 1                  |
|   |                 |                    | 300   | 40                         | 2- 40                            | 5SM26426RC   | 5625.-     | 1                  |
|   |                 |                    |   | 63                         | 2- 63                            | 5SM26456RC   | 6340.-     | 1                  |

■ Stock items

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

**Note: To be used along with 5SL7..RC MCBs. MCBs to be ordered separately.  
For MCB prices, refer Page no. 8 & 9 from this pricelist.**

## Accessories for Remote control mechanism units for 5SM2 RC Units

### Remote control mechanism unit:

#### Adapter- Mount-on device for combination of RC Units 5SM2..RC and MCBs 5SL7..RC.

| Item Description   | Mounting width<br>MW# | Reference No          | Std. Pkg. **<br>(Nos.) |
|--|-----------------------|-----------------------|------------------------|
| RC Mech. Power- 5ST3055 &<br>RC Mech. ARD*- 5ST3057<br><br>For 2P-<br>12 V -30 V AC<br>12 V -48V DC      | 2                     | 5ST3820-3 + 5ST3820-6 | 1                      |
| RC Mech. Power- 5ST3055 &<br>RC Mech. ARD*- 5ST3057<br><br>For 3P & 4P-<br>12 V -30 V AC<br>12 V -48V DC | 2                     | 5ST3820-3 + 5ST3820-7 | 1                      |
| RC Mech. Power- 5ST3056 &<br>RC Mech. ARD*- 5ST3058<br><br>For 2P-<br>230 V AC                           | 2                     | 5ST3820-3 + 5ST3820-6 | 1                      |
| RC Mech. Power- 5ST3056 &<br>RC Mech. ARD*- 5ST3058<br><br>For 3P & 4P-<br>230 V AC                      | 2                     | 5ST3820-3 + 5ST3820-7 | 1                      |
| RC Mech. Power- 5ST3070<br><br>For 2P-<br>12 V -30 V AC<br>12 V -48V DC                                  | 2                     | 5ST3820-3 + 5ST3820-6 | 1                      |
| RC Mech. Power- 5ST3070<br><br>For 3P & 4P-<br>12 V -30 V AC<br>12 V -48V DC                             | 2                     | 5ST3820-3 + 5ST3820-7 | 1                      |

\*- Auto Reclose Device

# 1MW (Module Width) = 18mm

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

Note: All accessories can be mounted on the right-hand side of the RC Unit+MCB assembled device.

**Note: For pricing details of above mentioned MLFBs and for other 5SM2 accessories, Pl refer Page No. 24 of this Pricelist.**




# Betagard Residual Current Breaker Operators 5SU1, 10kA





- Standards: IS 12640, Part 2:2016/ IEC 61009-1:2012
- Voltage: 240/415V AC, 50Hz
- With ISI marking: CM/L No. 7676193

## Type AC, with C Characteristics (in 2 module size)<sup>5</sup>


|   | Rated residual current<br>I <sub>Δn</sub> (mA) | Rated Current<br>I <sub>n</sub> (A) | MW# | Reference No | Unit MRP*<br>₹ | Std. Pkg.**<br>(Nos.) |
|---|--|-------------------------------------|-----|--------------|----------------|-----------------------|
|  | 30   | 6                                   | 2   | 5SU13541RC06 | 7460.-         | 1                     |
|   | 30   | 10                                  |     | 5SU13541RC10 | 7460.-         | 1                     |
|   | 30   | 16                                  |     | 5SU13541RC16 | 7460.-         | 1                     |
|   | 30   | 20                                  |     | 5SU13541RC20 | 7460.-         | 1                     |
|   | 30   | 25                                  |     | 5SU13541RC25 | 7460.-         | 1                     |
|   | 30   | 32                                  |     | 5SU13541RC32 | 7835.-         | 1                     |
|   | 30   | 40                                  |     | 5SU13541RC40 | 9260.-         | 1                     |
|   | 300  | 6                                   |     | 5SU16541RC06 | 7595.-         | 1                     |
|   | 300  | 10                                  |     | 5SU16541RC10 | 7595.-         | 1                     |
|   | 300  | 16                                  |     | 5SU16541RC16 | 7595.-         | 1                     |
|   | 300  | 20                                  |     | 5SU16541RC20 | 7595.-         | 1                     |
|   | 300  | 25                                  |     | 5SU16541RC25 | 7595.-         | 1                     |
|   | 300  | 32                                  |     | 5SU16541RC32 | 7990.-         | 1                     |
|   | 300  | 40                                  |     | 5SU16541RC40 | 9445.-         | 1                     |


## Type AC with C characteristic

|  |                       |    |              |   |              |        |   |
|--|-----------------------|----|--------------|---|--------------|--------|---|
|  | 240V AC; 50Hz; 2 pole | 30 | 32           | 4 | 5SU13241RC32 | 8240.- | 1 |
|  |                       | 40 | 5SU13241RC40 |   | 9600.-       | 1      |   |
|  |                       | 63 | 5SU13241RC63 |   | 11155.-      | 1      |   |
|  | 100                   | 32 | 5SU14241RC32 |   | 9095.-       | 1      |   |
|  |                       | 40 | 5SU14241RC40 |   | 10220.-      | 1      |   |
|  |                       | 63 | 5SU14241RC63 |   | 11915.-      | 1      |   |
|  | 300                   | 32 | 5SU16241RC32 |   | 9185.-       | 1      |   |
|  |                       | 40 | 5SU16241RC40 |   | 10320.-      | 1      |   |
|  |                       | 63 | 5SU16241RC63 |   | 11915.-      | 1      |   |

|   |                       |    |              |   |              |         |   |
|---|-----------------------|----|--------------|---|--------------|---------|---|
|  | 415V AC; 50Hz; 4 pole | 30 | 32           | 7 | 5SU13441RC32 | 11005.- | 1 |
|   |                       | 40 | 5SU13441RC40 |   | 11205.-      | 1       |   |
|   |                       | 63 | 5SU13441RC63 |   | 13295.-      | 1       |   |
|   | 100                   | 32 | 5SU14441RC32 |   | 11140.-      | 1       |   |
|   |                       | 40 | 5SU14441RC40 |   | 11355.-      | 1       |   |
|   |                       | 63 | 5SU14441RC63 |   | 13050.-      | 1       |   |
|   | 300                   | 32 | 5SU16441RC32 |   | 11230.-      | 1       |   |
|   |                       | 40 | 5SU16441RC40 |   | 11450.-      | 1       |   |
|   |                       | 63 | 5SU16441RC63 |   | 13175.-      | 1       |   |

## Type AC with D characteristic

|   |                       |    |              |   |              |         |   |
|---|-----------------------|----|--------------|---|--------------|---------|---|
|  | 240V AC; 50Hz; 2 pole | 30 | 32           | 4 | 5SU13242RC32 | 10625.- | 1 |
|   |                       | 40 | 5SU13242RC40 |   | 11640.-      | 1       |   |
|   |                       | 63 | 5SU13242RC63 |   | 14035.-      | 1       |   |
|   | 100                   | 32 | 5SU14242RC32 |   | 12860.-      | 1       |   |
|   |                       | 40 | 5SU14242RC40 |   | 14075.-      | 1       |   |
|   |                       | 63 | 5SU14242RC63 |   | 16070.-      | 1       |   |
|   | 300                   | 32 | 5SU16242RC32 |   | 12565.-      | 1       |   |
|   |                       | 40 | 5SU16242RC40 |   | 14075.-      | 1       |   |
|   |                       | 63 | 5SU16242RC63 |   | 16095.-      | 1       |   |

|   |                       |    |              |   |              |         |   |
|---|-----------------------|----|--------------|---|--------------|---------|---|
|  | 415V AC; 50Hz; 4 pole | 30 | 32           | 7 | 5SU13442RC32 | 14550.- | 1 |
|   |                       | 40 | 5SU13442RC40 |   | 14770.-      | 1       |   |
|   |                       | 63 | 5SU13442RC63 |   | 17520.-      | 1       |   |
|   | 100                   | 32 | 5SU14442RC32 |   | 15750.-      | 1       |   |
|   |                       | 40 | 5SU14442RC40 |   | 16455.-      | 1       |   |
|   |                       | 63 | 5SU14442RC63 |   | 18245.-      | 1       |   |
|   | 300                   | 32 | 5SU16442RC32 |   | 15560.-      | 1       |   |
|   |                       | 40 | 5SU16442RC40 |   | 16615.-      | 1       |   |
|   |                       | 63 | 5SU16442RC63 |   | 17865.-      | 1       |   |

Note: \* MRP - Maximum Retail Price # 1MW (Module Width) = 18mm <sup>1)</sup> 1P+N variant


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

\$ For connecting accessories with 2P 2M RCBO add handle connector 5ST38051



# Betagard Residual Current Breaker Operators 5SU1, 10kA

- Standards: IS 12640, Part 2:2016/ IEC 61009-1:2012
- Voltage: 240/415V AC, 50Hz
- With ISI marking: CM/L No. 7676193



## Type A, with C Characteristics (in 2 module size)<sup>§</sup>

|   | Rated residual current<br>$I_{\Delta n}$ (mA) | Rated Current<br>$I_n$ (A) | MW# | Reference No | Unit MRP*<br>₹ | Std. Pkg.**<br>(Nos.) |   |
|---|---|----------------------------|-----|--------------|----------------|-----------------------|---|
|  | 240V AC; 50Hz; 2 pole <sup>1)</sup>           | 30                         | 6   | 2            | 5SU13547RC06   | 13630.-               | 1 |
|   |   | 30                         | 10  |              | 5SU13547RC10   | 13630.-               | 1 |
|   |   | 30                         | 16  |              | 5SU13547RC16   | 13630.-               | 1 |
|   |   | 30                         | 20  |              | 5SU13547RC20   | 13630.-               | 1 |
|   |   | 30                         | 25  |              | 5SU13547RC25   | 13630.-               | 1 |
|   |   | 30                         | 32  |              | 5SU13547RC32   | 14250.-               | 1 |
|   |   | 30                         | 40  |              | 5SU13547RC40   | 17235.-               | 1 |
|   |   | 300                        | 6   |              | 5SU16547RC06   | 14035.-               | 1 |
|   |   | 300                        | 10  |              | 5SU16547RC10   | 14035.-               | 1 |
|   |   | 300                        | 16  |              | 5SU16547RC16   | 14035.-               | 1 |
|   |   | 300                        | 20  |              | 5SU16547RC20   | 14035.-               | 1 |
|   |   | 300                        | 25  |              | 5SU16547RC25   | 14035.-               | 1 |
|   |   | 300                        | 32  |              | 5SU16547RC32   | 14595.-               | 1 |
|   |   | 300                        | 40  |              | 5SU16547RC40   | 17600.-               | 1 |

## Type A with C characteristic

|   |                       |     |    |   |              |         |   |
|---|-----------------------|-----|----|---|--------------|---------|---|
|   | 240V AC; 50Hz; 2 pole | 30  | 32 | 4 | 5SU13247RC32 | 14930.- | 1 |
|   |                       |     | 40 |   | 5SU13247RC40 | 16425.- | 1 |
|   |                       |     | 63 |   | 5SU13247RC63 | 18580.- | 1 |
|   |                       | 100 | 32 |   | 5SU14247RC32 | 15930.- | 1 |
|   |                       |     | 40 |   | 5SU14247RC40 | 17700.- | 1 |
|   |                       |     | 63 |   | 5SU14247RC63 | 20110.- | 1 |
|   |                       | 300 | 32 |   | 5SU16247RC32 | 15930.- | 1 |
|   |                       |     | 40 |   | 5SU16247RC40 | 17700.- | 1 |
|   |                       |     | 63 |   | 5SU16247RC63 | 20110.- | 1 |
|  | 415V AC; 50Hz; 4 pole | 30  | 32 | 7 | 5SU13447RC32 | 18275.- | 1 |
|   |                       |     | 40 |   | 5SU13447RC40 | 19030.- | 1 |
|   |                       |     | 63 |   | 5SU13447RC63 | 21770.- | 1 |
|   |                       | 100 | 32 |   | 5SU14447RC32 | 19615.- | 1 |
|   |                       |     | 40 |   | 5SU14447RC40 | 19980.- | 1 |
|   |                       |     | 63 |   | 5SU14447RC63 | 22335.- | 1 |
|   |                       | 300 | 32 |   | 5SU16447RC32 | 19615.- | 1 |
|   |                       |     | 40 |   | 5SU16447RC40 | 20325.- | 1 |
|   |                       |     | 63 |   | 5SU16447RC63 | 22685.- | 1 |

## Type A with D characteristic

|   |                       |     |    |   |              |         |   |
|---|-----------------------|-----|----|---|--------------|---------|---|
|  | 240V AC; 50Hz; 2 pole | 30  | 32 | 4 | 5SU13248RC32 | 17420.- | 1 |
|   |                       |     | 40 |   | 5SU13248RC40 | 19660.- | 1 |
|   |                       |     | 63 |   | 5SU13248RC63 | 22370.- | 1 |
|   |                       | 100 | 32 |   | 5SU14248RC32 | 18740.- | 1 |
|   |                       |     | 40 |   | 5SU14248RC40 | 20845.- | 1 |
|   |                       |     | 63 |   | 5SU14248RC63 | 23750.- | 1 |
|   |                       | 300 | 32 |   | 5SU16248RC32 | 18740.- | 1 |
|   |                       |     | 40 |   | 5SU16248RC40 | 20845.- | 1 |
|   |                       |     | 63 |   | 5SU16248RC63 | 23750.- | 1 |
|  | 415V AC; 50Hz; 4 pole | 30  | 32 | 7 | 5SU13448RC32 | 21565.- | 1 |
|   |                       |     | 40 |   | 5SU13448RC40 | 21835.- | 1 |
|   |                       |     | 63 |   | 5SU13448RC63 | 25755.- | 1 |
|   |                       | 100 | 32 |   | 5SU14448RC32 | 22715.- | 1 |
|   |                       |     | 40 |   | 5SU14448RC40 | 24275.- | 1 |
|   |                       |     | 63 |   | 5SU14448RC63 | 26430.- | 1 |
|   |                       | 300 | 32 |   | 5SU16448RC32 | 22715.- | 1 |
|   |                       |     | 40 |   | 5SU16448RC40 | 24275.- | 1 |
|   |                       |     | 63 |   | 5SU16448RC63 | 26435.- | 1 |

Note: \* MRP - Maximum Retail Price

# 1MW (Module Width) = 18mm







<sup>1)</sup> 1P+N variant

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


§ For connecting accessories with 2P 2M RCBO add handle connector 5ST38051

## 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)                       |   |                    |                       |   |
|   | 1NO+1NC   | 5ST3010   | 1620.-             | 12                    |   |
|   | 2NO   | 5ST3011   | 1655.-             | 1                     |   |
|   | 2NC   | 5ST3012   | 1655.-             | 1                     |   |
|   | 1CO   | 5ST3016   | 2620.-             | 1                     |   |
|   | <b>Fault signal contact</b> (For 5SL/5SY/5SP4/5SV/5SU1/5SM2)                        |   |                    |                       |   |
|   | 1NO+1NC   | 5ST3020   | 2380.-             | 1                     |   |
|   | 2NO   | 5ST3021   | 2425.-             | 1                     |   |
|   | 2NC   | 5ST3022   | 2425.-             | 1                     |   |
|   | <b>Shunt release</b> (For 5SL5/5SL7/5SY/5SP4/5SV/5SU1/5SM2)                         |   |                    |                       |   |
| 110...415V AC   | 5ST3030   | 6685.-  | 1/5                |                       |   |
| 24...48V DC   | 5ST3031   | 6685.-  | 1/5                |                       |   |
| <b>Auxiliary and fault signal changeover contact</b><br>(5SL/5SY/5SP4/5TL/5SV/5SU1/5SM2)                  | 5ST3062   | 7710.-  | 1                  |                       |   |
|   | Auxiliary switch - 1CO<br>Fault contact - 1CO                                       |   |                    |                       |   |
|                          | <b>Undervoltage release</b><br>(For 5SL5/5SL7/5SY/5SP4/5SV/5SU1/5SM2)               |   |                    |                       |   |
|   | With integrated aux. switch   |   |                    |                       |   |
|   | 230V AC   | 5ST3040   | 8970.-             | 1/5                   |   |
|   | 110V DC   | 5ST3041   | 8970.-             | 1/5                   |   |
|   | 24V DC  | 5ST3042   | 8970.-             | 1/5                   |   |
|   | Without integrated aux. switch  |   |                    |                       |   |
|   | 230V AC   | 5ST3043   | 8970.-             | 1/5                   |   |
|   | 110V DC   | 5ST3044   | 8970.-             | 1/5                   |   |
|   | 24V DC  | 5ST3045   | 8970.-             | 1/5                   |   |
|   |  | Remote control mechanism unit   |                    |                       |   |
| 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 |   | 5ST3053<br>5ST3054  | 40025.-<br>40025.- | 1<br>1                |   |
| Power version for 5SL, 5SY, 5TL1, 5SU1 & 5SM2<br>(12-30)V AC & (12-48)V DC, 2MW<br>230V AC, 2MW           |   | 5ST3055<br>5ST3056  | 67730.-<br>67730.- | 1<br>1                |   |
| Power version for 5SM2<br>(12-30)V AC & (12-48)V DC, 2MW  |   | 5ST3070   | 79035.-            | 1                     |   |
| Auto Reclose Device Version for 5SM2<br>(12-30)V AC & (12-48)V DC, 2MW<br>230V AC, 2MW                    |   | 5ST3057<br>5ST3058  | 64865.-<br>76035.- | 1<br>1                |   |
| Adapter for Remote control mechanism<br>(To be ordered along with 5ST305X basic unit)                     |   |   |                    |                       |   |
| For 5SL - 1P & 2P, 5SV - 4P and 5SM2- 2P  |   | 5ST38206  | 845.-              | 1                     |   |
| For 5SL - 3P & 4P and 5SM2 - 3P & 4P  |   | 5ST38207  | 845.-              | 1                     |   |
| For 5SY - 1P & 2P and For 5SU1^ - 2P, 4M  |   | 5ST38201  | 845.-              | 1                     |   |
| For 5SY - 3P & 4P and For 5SU1^ - 4P, 7M  |   | 5ST38202  | 845.-              | 1                     |   |
| For 5SU1 - 2P, 2M   |   | 5ST38205  | 845.-              | 1                     |   |
| ^ Add-on block for 5SU1 & 5SM2 to be ordered along with Adapter   |   | 5ST38203  | 1840.-             | 1                     |   |
|                        |   | <b>Handle locking device</b>  |                    |                       |   |
|   |   | for 5SP and 5SY circuit breakers<br>for padlock with max. 3mm shackle   | 5ST3801            | 830.-                 | 1 |
|   |   | for 5SL circuit breakers, 5TL1 isolators and 5SV residual current<br>circuit breakers for padlock with max. 3 to 6 mm shackle | 5ST3806            | 790.-                 | 5 |
|                        | Pad locks<br>for 5ST3801 and 5ST3806 handle locking devices                         | 5ST3802   | 535.-              | 5                     |   |
|                        | Handle connector for 2P, 2M 5SU1 RCBO <sup>5</sup><br>(1set = 5 units in poly bag)  | 5ST38051  | 1660.-             | 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<br>series of MCBs/ Isolators <sup>55</sup> | 5ST38140RC    | 2977.-         | 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

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

# SINOVA Opulenz

## Multitasking switches for multitasking homes.

**Elegant**  
finishes to enhance the look of your home.



**Premium colours and textures**  
to complement modern finishes on your walls.



**Antibacterial switches**  
for a safe home.



**ISI certified**  
for assured safety.



**Environment friendly**  
RoHS compliant switches.



Comprehensive communication range  
type tested as per standards ensuring higher reliability.

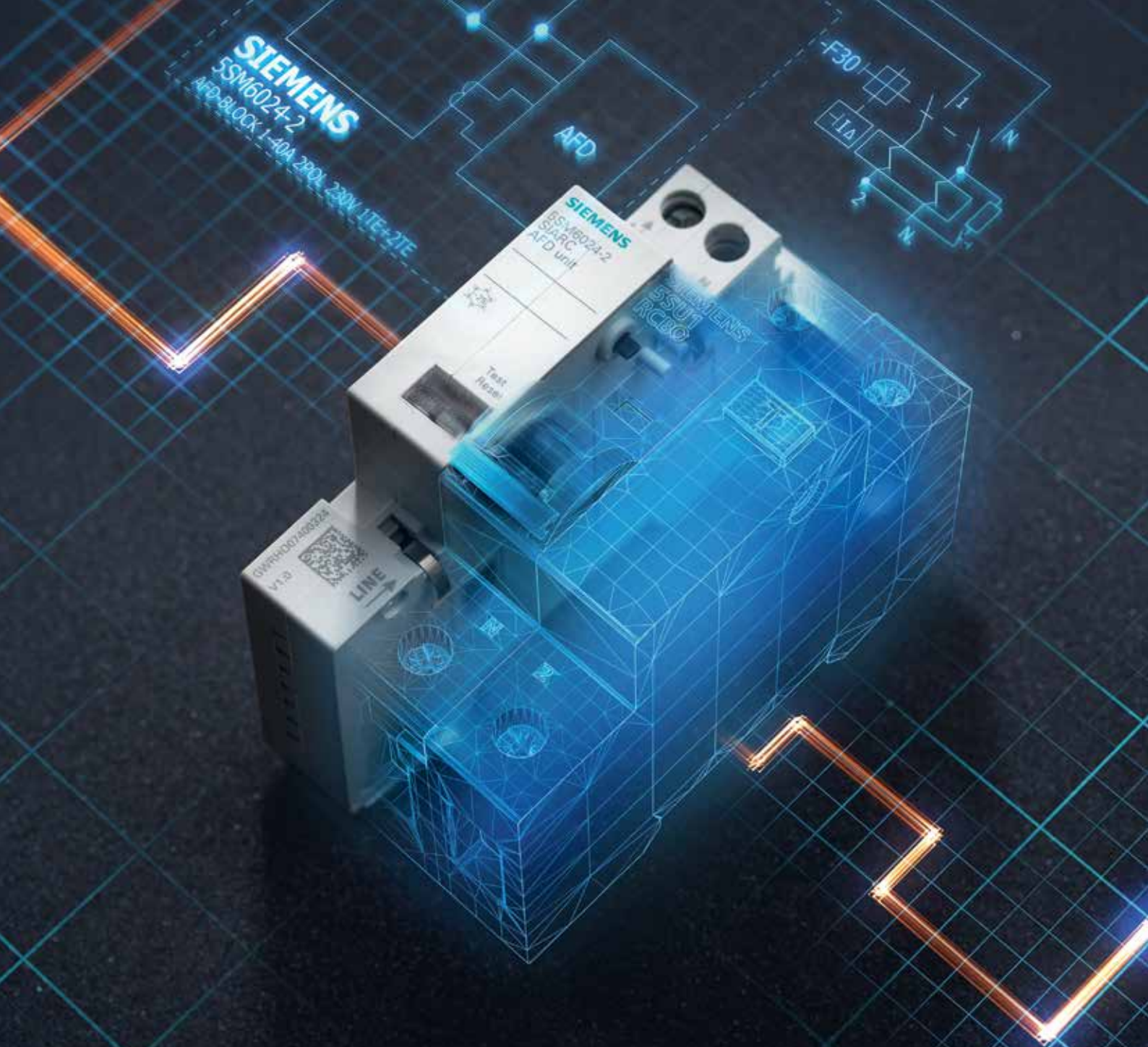


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to know  
more!



**SIEMENS**





# Arc Fault Detection Device

It's Time to Act Now!

With the 5SV6 Arc Fault Detection Device (AFDD), Siemens presents the third generation of fire-prevention product. The 5SV6 Arc Fault Detection Device with integrated miniature circuit breaker (MCB) is the first device on the IEC market with just one module width and is the smallest of its kind worldwide.

A standard-compliant expansion of the electrical installation by protection against electrical fires is thus always possible – easily and without the need for additional space.

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


**SIEMENS**




## The smart solution.

Whether in an existing plant or a new installation – the 5SV6 AFDD and 5SM6 AFD unit can be deployed in any distribution board. It quickly identifies dangerous faults caused by parallel or serial arcing faults and switches off before a fire occurs. The AFDD detects operational arcing faults and only trips in the event of an actual fault.


### 5SV6 AFDDs with Integrated MCB & RCBO in 18mm width

|   | Rating | With integrated MCB |                  | With integrated RCBO           | Unit LP*<br>₹    | Std. Pkg.**<br>(Nos.) |
|---|--------|---------------------|------------------|--------------------------------|------------------|-----------------------|
|   |        | B characteristic    | C characteristic | 30mA, Type A, C characteristic |                  |                       |
|  | 6A     | 5SV60166KK06        | 5SV60167KK06     | 5SV63167KK06                   | Price on Request | 1                     |
|   | 10A    | 5SV60166KK10        | 5SV60167KK10     | 5SV63167KK10                   |                  |                       |
|   | 13A    | 5SV60166KK13        | 5SV60167KK13     | 5SV63167KK13                   |                  |                       |
|   | 16A    | 5SV60166KK16        | 5SV60167KK16     | 5SV63167KK16                   |                  |                       |
|   | 20A    | 5SV60166KK20        | 5SV60167KK20     | 5SV63167KK20                   |                  |                       |
|   | 25A    | 5SV60166KK25        | 5SV60167KK25     | 5SV63167KK25                   |                  |                       |
|   | 32A    | 5SV60166KK32        | 5SV60167KK32     | 5SV63167KK32                   |                  |                       |
|   | 40A    | 5SV60166KK40        | 5SV60167KK40     | 5SV63167KK40                   |                  |                       |

### 5SM6 AFDD with integrated MCB

|   | Rating | Module width | Reference No. | Description  | Unit LP*<br>₹    | Std. Pkg.**<br>(Nos.) |
|---|--------|--------------|---------------|--|------------------|-----------------------|
|  | 16A    | 2            | 5SM60111XX02  | AFDD 16A, 230V, 2MW<br>(Integrated with 1MW, 1+N, 16A MCB) | Price on Request | 1                     |

### 5SM6 AFD units (Suitable for add on with RCBO)

|   | Rating | Module width | Reference No. | Description  | Unit LP*<br>₹    | Std. Pkg.**<br>(Nos.) |
|---|--------|--------------|---------------|--|------------------|-----------------------|
|  | 16A    | 3            | 5SM60212      | AFD Unit 1-16A, 230V, 1MW<br>(Suitable for 2P 2M, 5SU1 RCBO) | Price on Request | 1                     |
|   | 40A    | 3            | 5SM60242      | AFD Unit 1-40A, 230V, 1MW<br>(Suitable for 2P 2M, 5SU1 RCBO) |                  |                       |

\* LP - List Price

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

# SIEMENS

## SENTRON Circuit protection devices with measuring and communication function



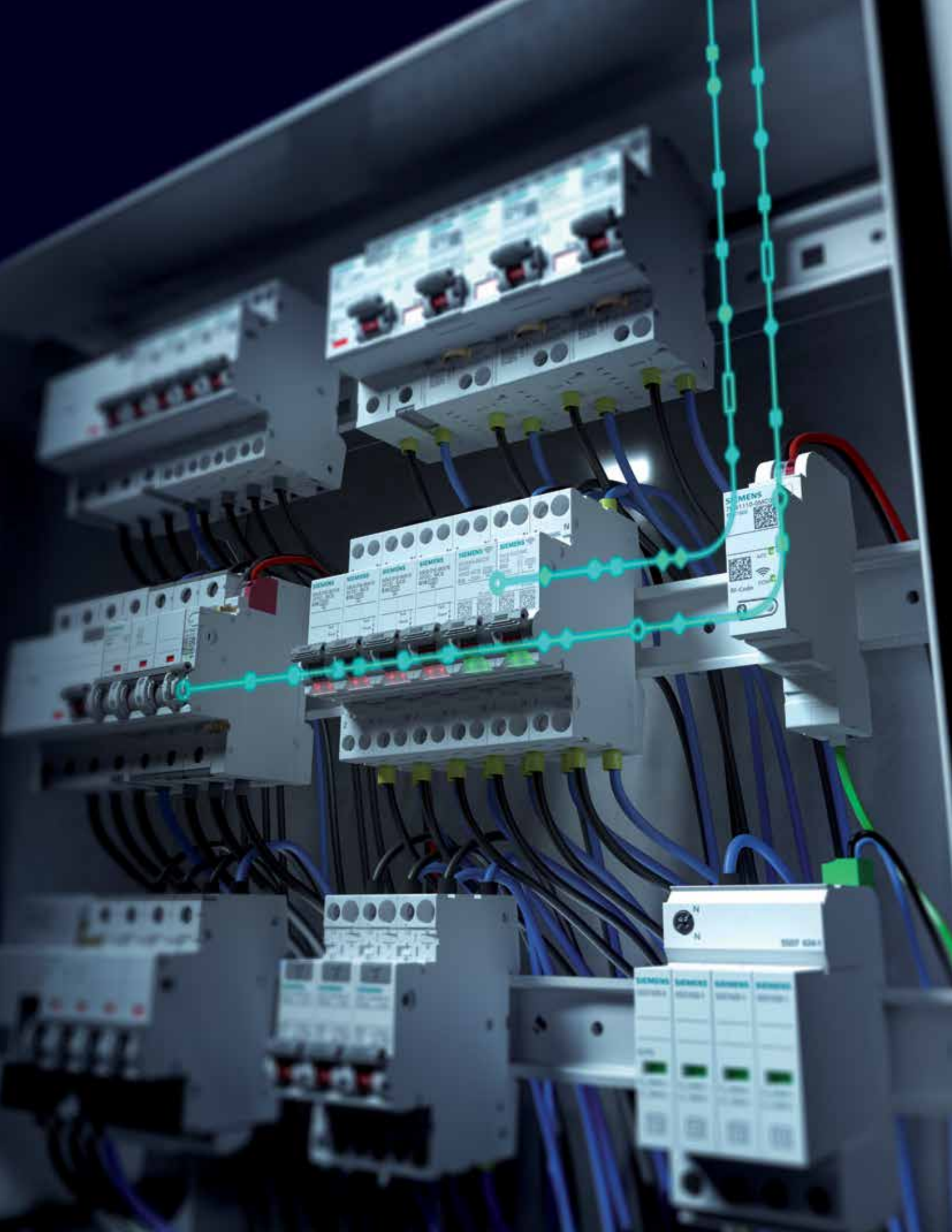
**SENTRON  
5SV6 COM  
AFDD/MCB**



**SENTRON  
Powercenter 1000  
data transceiver**











## SENTRON AFDD COM 5SV6

|   | Rating | With integrated MCB |                  | Unit LP*<br>₹    | Std. Pkg.**<br>(Nos.) |
|---|--------|---------------------|------------------|------------------|-----------------------|
|   |        | B characteristic    | C characteristic |                  |                       |
|  | 6 A    | 5SV60166MC06        | 5SV60167MC06     | Price on Request | 1                     |
|   | 10 A   | 5SV60166MC10        | 5SV60167MC10     |                  |                       |
|   | 13 A   | 5SV60166MC13        | 5SV60167MC13     |                  |                       |
|   | 16 A   | 5SV60166MC16        | 5SV60167MC16     |                  |                       |
|   | 20 A   | 5SV60166MC20        | 5SV60167MC20     |                  |                       |
|   | 25 A   | 5SV60166MC25        | 5SV60167MC25     |                  |                       |
|   | 32 A   | 5SV60166MC32        | 5SV60167MC32     |                  |                       |

## SENTRON Powercenter 1000 7KN

|  | Reference No. | Description   | Unit LP*<br>₹    | Std. Pkg.**<br>(Nos.) |
|--|---------------|---|------------------|-----------------------|
|  | 7KN11100MC00  | Powercenter1000 max. 24 SENTRON COM devices<br>Modbus TCP Bluetooth Power supply DC 24V | Price on Request | 1                     |

\* LP - List Price

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

## Applications:



### Operating hours counter

The values measured by the installation device provide information on the electrical consumer's (e.g., an LED) exact operating time allowing for optimized maintenance.



### Fault monitoring

A decline of electrical current, voltage or temperature below normal values may hint at a failure of the electrical consumer. An increased electrical current may indicate a defect of connected equipment.



### Load management

When a certain number of electrical consumers is active, additional devices cannot be switched on. This prevents current peaks.



### Function monitoring

The measured values indicate the execution of an activity by the electrical consumer (e.g., automatic feeders in livestock farming).

SEAMLESS POWER TRANSITIONS, SAFEGUARDING YOUR ENERGY NEEDS

# 5TR4 Automatic Changeover Current Limiter



Effortlessly manage power transitions with our 5TR4 ACCL, ensuring seamless operations and preventing electrical overload.

## Key Features



Heavy Duty-  
Conforms to  
utilization  
category AC32A  
(IEC 60947-6-1)



High Endurance  
Cycle -Ensuring  
efficient and long  
life of your ACCL



Safe during Short  
circuits - Iq short  
circuit of 5kA

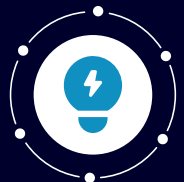
Warning &  
Alerts -  
Overload  
indication via  
LED & Beep



Standard compliant  
Product conforms  
to IEC 60947-6-1



Low Power  
consumption -  
Coil operates  
only during  
backup supply



For more information-Please contact your nearest Siemens Sales Office.

# SIEMENS





# Betagard 8GB Distribution Boards

Perfect blend of beauty and features with assured performance







- Complete range for Residential, Commercial and Industrial Infrastructures
- DBs offer latest design with highest aesthetic appeal
- DBs available with type testing as per the latest applicable standards
- User friendly design offers ease during maintenance and assists the installer for correct installation

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**SIEMENS**

## Betagard Distribution Boards 8GB32 # SPN and TPN DBs

- Type Tested as per IEC 61439 Standards at third party and internal test laboratories
- Available in IP 20 and IP 43 Versions
- Single Door, Metal Double Door and Acrylic Double Door options available
- Standard Wire Way Boxes available for all Single Door and Double Door DBs
- Additional safety with Insulated Shorting Links, Shrouded Neutral Links and Door Earthing
- TPN DBs can be easily made suitable for PPI configuration using TPN to PPI Conversion Kits
- Detachable DIN rail assembly and intermittent door facilitates ease in Wiring during installation and maintenance
- DBs are subjected to Seven tank process and treated with premium quality powder coating
- Cement Masking Sheet protects the DBs against extreme site conditions


|   | Item Description              | Incoming Slots (MW) | Outgoing Slots (MW) | Total Slots (MW) | Reference No | Unit MRP* ₹ | Std. Pkg.** (Nos.) |
|---|-------------------------------|---------------------|---------------------|------------------|--------------|-------------|--------------------|
| <b>Metal Enclosures, IP20:</b>  |                               |                     |                     |                  |              |             |                    |
|    | 1 Module                      | -                   | -                   | 1                | 8GB32100RC01 | 915.-       | 1/20               |
|   | 2 Module                      | -                   | -                   | 2                | 8GB32100RC02 | 1360.-      | 1/20               |
|   | 3 Module                      | -                   | -                   | 3                | 8GB32100RC03 | 1360.-      | 1/20               |
|   | 4 Module                      | -                   | -                   | 4                | 8GB32100RC04 | 1360.-      | 1/20               |
|   | 6 Module                      | -                   | -                   | 6                | 8GB32100RC06 | 1795.-      | 1/20               |
|   | 8 Module                      | -                   | -                   | 8                | 8GB32100RC08 | 2115.-      | 1/10               |
| <b>SPN Single Door DBs#, IP20:</b>  |                               |                     |                     |                  |              |             |                    |
|   | 6 Module                      | 2                   | 4                   | 6                | 8GB32101RC06 | 2690.-      | 1                  |
|   | 8 Module                      | 2                   | 6                   | 8                | 8GB32101RC08 | 2855.-      | 1                  |
|   | 10 Module                     | 2                   | 8                   | 10               | 8GB32101RC10 | 3440.-      | 1                  |
|   | 12 Module                     | 2                   | 10                  | 12               | 8GB32101RC12 | 3560.-      | 1                  |
|   | 14 Module                     | 2                   | 12                  | 14               | 8GB32101RC14 | 4025.-      | 1                  |
|   | 16 Module                     | 2                   | 14                  | 16               | 8GB32101RC16 | 4340.-      | 1                  |
| <b>SPN Metal Double Door DBs#, IP 43:</b>   |                               |                     |                     |                  |              |             |                    |
|  | 6 Module                      | 2                   | 4                   | 6                | 8GB32102RC06 | 4200.-      | 1                  |
|   | 8 Module                      | 2                   | 6                   | 8                | 8GB32102RC08 | 4360.-      | 1                  |
|   | 10 Module                     | 2                   | 8                   | 10               | 8GB32102RC10 | 5075.-      | 1                  |
|   | 12 Module                     | 2                   | 10                  | 12               | 8GB32102RC12 | 5210.-      | 1                  |
|   | 14 Module                     | 2                   | 12                  | 14               | 8GB32102RC14 | 6075.-      | 1                  |
|   | 16 Module                     | 2                   | 14                  | 16               | 8GB32102RC16 | 6225.-      | 1                  |
| <b>SPN Acrylic Double Door DBs#, IP 43:</b>   |                               |                     |                     |                  |              |             |                    |
|  | 6 Module                      | 2                   | 4                   | 6                | 8GB32103RC06 | 4935.-      | 1                  |
|   | 8 Module                      | 2                   | 6                   | 8                | 8GB32103RC08 | 5210.-      | 1                  |
|   | 10 Module                     | 2                   | 8                   | 10               | 8GB32103RC10 | 6075.-      | 1                  |
|   | 12 Module                     | 2                   | 10                  | 12               | 8GB32103RC12 | 6520.-      | 1                  |
|   | 14 Module                     | 2                   | 12                  | 14               | 8GB32103RC14 | 6805.-      | 1                  |
|   | 16 Module                     | 2                   | 14                  | 16               | 8GB32103RC16 | 7095.-      | 1                  |
| <b>Wire Way Box For SPN Single Door IP 20 DBs:</b>                                  |                               |                     |                     |                  |              |             |                    |
|  | For 6 MOD SPN Single door DB  | -                   | -                   | -                | 8GB32106RC06 | 1770.-      | 1/5                |
|   | For 8 MOD SPN Single door DB  | -                   | -                   | -                | 8GB32106RC08 | 1770.-      | 1/5                |
|   | For 10 MOD SPN Single door DB | -                   | -                   | -                | 8GB32106RC10 | 1910.-      | 1/5                |
|   | For 12 MOD SPN Single door DB | -                   | -                   | -                | 8GB32106RC12 | 1910.-      | 1/5                |
|   | For 14 MOD SPN Single door DB | -                   | -                   | -                | 8GB32106RC14 | 2200.-      | 1/5                |
|   | For 16 MOD SPN Single door DB | -                   | -                   | -                | 8GB32106RC16 | 2200.-      | 1/5                |
| <b>Wire Way Box For SPN Double Door IP 43 DBs:</b>                                  |                               |                     |                     |                  |              |             |                    |
|  | For 6 MOD SPN Double door DB  | -                   | -                   | -                | 8GB32107RC06 | 1910.-      | 1/5                |
|   | For 8 MOD SPN Double door DB  | -                   | -                   | -                | 8GB32107RC08 | 1910.-      | 1/5                |
|   | For 10 MOD SPN Double door DB | -                   | -                   | -                | 8GB32107RC10 | 2070.-      | 1/5                |
|   | For 12 MOD SPN Double door DB | -                   | -                   | -                | 8GB32107RC12 | 2070.-      | 1/5                |
|   | For 14 MOD SPN Double door DB | -                   | -                   | -                | 8GB32107RC14 | 2635.-      | 1/5                |
|   | For 16 MOD SPN Double door DB | -                   | -                   | -                | 8GB32107RC16 | 2635.-      | 1/5                |

Note: \* MRP - Maximum Retail Price # Also available in flat door option  
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\*\* Purchase MOQ for our authorized dealers is in multiples of standard packing, contact Siemens Sales Office for further details



## Betagard Distribution Boards 8GB32 # SPN and TPN DBs

|   | Item Description                                  | Incoming Slots (MW) | Outgoing Slots (MW) | Total Slots (MW) | Reference No | Unit MRP* ₹ | Std. Pkg.** (Nos.) |
|---|---|---------------------|---------------------|------------------|--------------|-------------|--------------------|
| <b>TPN Single Door DBs#, IP20:</b>  |   |                     |                     |                  |              |             |                    |
|    | 4 way   | 8                   | 12                  | 20               | 8GB32201RC04 | 6760.-      | 1                  |
|   | 6 way   | 8                   | 18                  | 26               | 8GB32201RC06 | 7675.-      | 1                  |
|   | 8 way   | 8                   | 24                  | 32               | 8GB32201RC08 | 9265.-      | 1                  |
|   | 10 way  | 8                   | 30                  | 38               | 8GB32201RC10 | 13440.-     | 1                  |
|   | 12 way  | 8                   | 36                  | 44               | 8GB32201RC12 | 13725.-     | 1                  |
|   | 14 way  | 8                   | 42                  | 50               | 8GB32201RC14 | 15740.-     | 1                  |
|   | 16 way  | 8                   | 48                  | 56               | 8GB32201RC16 | 16330.-     | 1                  |
| <b>TPN Metal Double Door DBs#, IP 43</b>  |   |                     |                     |                  |              |             |                    |
|    | 4 way   | 8                   | 12                  | 20               | 8GB32202RC04 | 8255.-      | 1                  |
|   | 6 way   | 8                   | 18                  | 26               | 8GB32202RC06 | 9980.-      | 1                  |
|   | 8 way   | 8                   | 24                  | 32               | 8GB32202RC08 | 11995.-     | 1                  |
|   | 10 way  | 8                   | 30                  | 38               | 8GB32202RC10 | 17330.-     | 1                  |
|   | 12 way  | 8                   | 36                  | 44               | 8GB32202RC12 | 17760.-     | 1                  |
|   | 14 way  | 8                   | 42                  | 50               | 8GB32202RC14 | 21080.-     | 1                  |
|   | 16 way  | 8                   | 48                  | 56               | 8GB32202RC16 | 21675.-     | 1                  |
| <b>TPN Acrylic Double Door DBs#, IP 43</b>  |   |                     |                     |                  |              |             |                    |
|   | 4 way   | 8                   | 12                  | 20               | 8GB32203RC04 | 9980.-      | 1                  |
|   | 6 way   | 8                   | 18                  | 26               | 8GB32203RC06 | 12285.-     | 1                  |
|   | 8 way   | 8                   | 24                  | 32               | 8GB32203RC08 | 14735.-     | 1                  |
|   | 10 way  | 8                   | 30                  | 38               | 8GB32203RC10 | 19220.-     | 1                  |
|   | 12 way  | 8                   | 36                  | 44               | 8GB32203RC12 | 22370.-     | 1                  |
|   | 14 way  | 8                   | 42                  | 50               | 8GB32203RC14 | 23965.-     | 1                  |
|   | 16 way  | 8                   | 48                  | 56               | 8GB32203RC16 | 25575.-     | 1                  |
| <b>TPN to PPI Conversion Kit®</b>   |   |                     |                     |                  |              |             |                    |
|  | To convert 6 way TPN DB to 4 way TPN PPI DB       |                     |                     |                  | 8GB32205RC04 | 5210.-      | 1/5                |
|   | To convert 8 way TPN DB to 6 way TPN PPI DB       |                     |                     |                  | 8GB32205RC06 | 6075.-      | 1/5                |
|   | To convert 10 way TPN DB to 8 way TPN PPI DB      |                     |                     |                  | 8GB32205RC08 | 6225.-      | 1/5                |
|   | To convert 12 way TPN DB to 10 way TPN PPI DB     |                     |                     |                  | 8GB32205RC10 | 6650.-      | 1/5                |
|   | To convert 14 way TPN DB to 12 way TPN PPI DB     |                     |                     |                  | 8GB32205RC12 | 7095.-      | 1/5                |
|   | To convert 16 way TPN DB to 14 way TPN PPI DB     |                     |                     |                  | 8GB32205RC14 | 7510.-      | 1/5                |
|   | <b>Wire Way Box For TPN Single Door IP 20 DBs</b> |                     |                     |                  |              |             |                    |
|  | For 4 Way TPN Single door DB                      | -                   | -                   | -                | 8GB32206RC04 | 2200.-      | 1/5                |
|   | For 6 Way TPN Single door DB                      | -                   | -                   | -                | 8GB32206RC06 | 2200.-      | 1/5                |
|   | For 8 Way TPN Single door DB                      | -                   | -                   | -                | 8GB32206RC08 | 3925.-      | 1/5                |
|   | For 10 Way TPN Single door DB                     | -                   | -                   | -                | 8GB32206RC10 | 4935.-      | 1/5                |
|   | For 12 Way TPN Single door DB                     | -                   | -                   | -                | 8GB32206RC12 | 5075.-      | 1/5                |
|   | For 14 Way TPN Single door DB                     | -                   | -                   | -                | 8GB32206RC14 | 5210.-      | 1/5                |
|   | For 16 Way TPN Single door DB                     | -                   | -                   | -                | 8GB32206RC16 | 5520.-      | 1/5                |
| <b>Wire Way Box For TPN Double Door IP 43 DBs</b>                                   |   |                     |                     |                  |              |             |                    |
|  | For 4 Way TPN Double door DB                      | -                   | -                   | -                | 8GB32207RC04 | 2335.-      | 1/5                |
|   | For 6 Way TPN Double door DB                      | -                   | -                   | -                | 8GB32207RC06 | 2635.-      | 1/5                |
|   | For 8 Way TPN Double door DB                      | -                   | -                   | -                | 8GB32207RC08 | 4200.-      | 1/5                |
|   | For 10 Way TPN Double door DB                     | -                   | -                   | -                | 8GB32207RC10 | 4500.-      | 1/5                |
|   | For 12 Way TPN Double door DB                     | -                   | -                   | -                | 8GB32207RC12 | 5520.-      | 1/5                |
|   | For 14 Way TPN Double door DB                     | -                   | -                   | -                | 8GB32207RC14 | 5795.-      | 1/5                |
|   | For 16 Way TPN Double door DB                     | -                   | -                   | -                | 8GB32207RC16 | 5960.-      | 1/5                |

Note: \* MRP - Maximum Retail Price

@ Contains required accessories to Make the DB suitable for PPI Configuration  
For Customized Solutions in Distribution Boards please Contact our sales Office

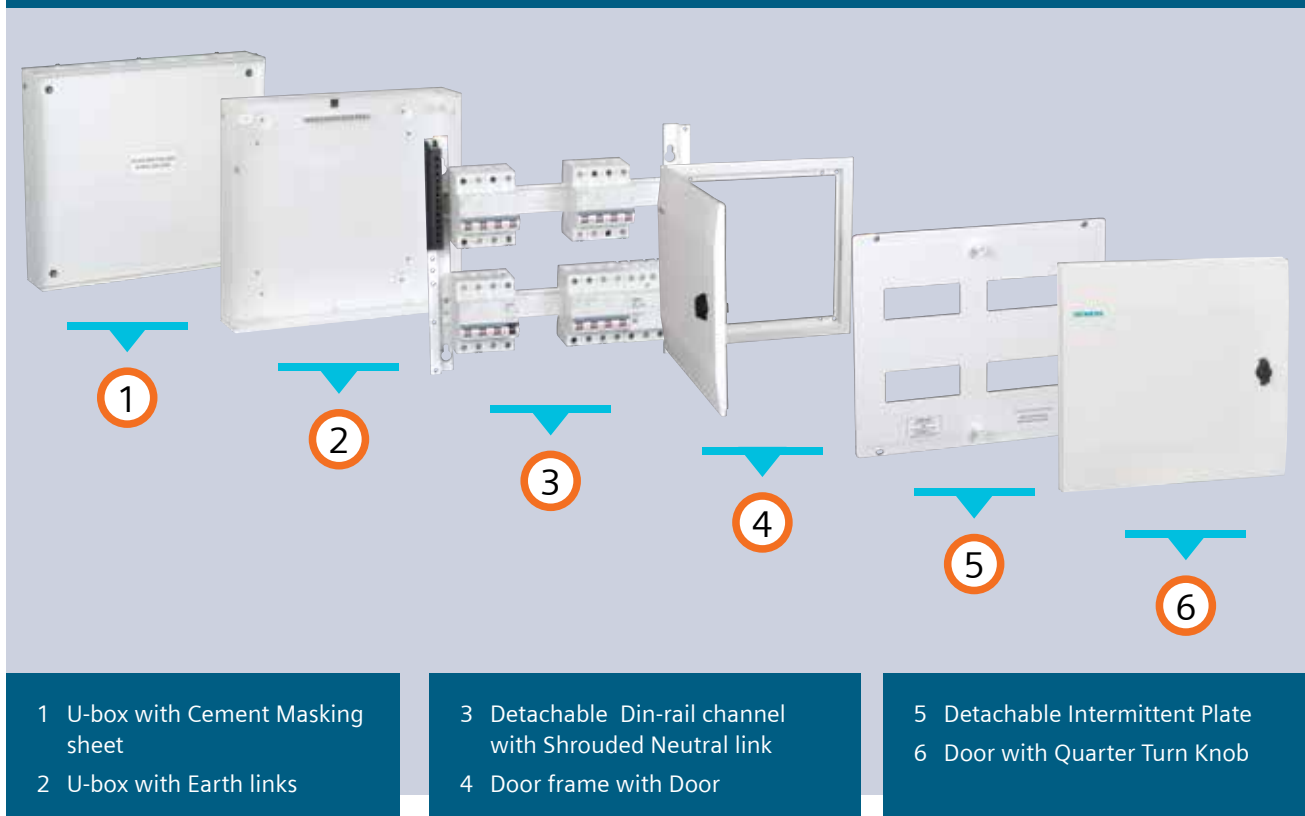
\*\* Purchase MOQ for our authorized dealers is in multiples of standard packing, contact Siemens Sales Office for further details

# Also available in flat door option

## Betagard Distribution Boards 8GB32 TPN Phase Segregated DBs

| Item Description  | Incoming Slots (MW) | Sub-Incomer Slots (MW) | Outgoing Slots (MW) | Total Slots (MW) | Reference No | Unit MRP* ₹ | Std. Pkg.** (Nos.) |
|---|---------------------|------------------------|---------------------|------------------|--------------|-------------|--------------------|
| <b>TPN Phase segregated DBs, IP 20 For MCB as incomer</b>             |                     |                        |                     |                  |              |             |                    |
| 4 Way   | 12                  | 12                     | 12                  | 36               | 8GB32001RC04 | 18615.-     | 1                  |
| 6 Way   | 12                  | 12                     | 18                  | 42               | 8GB32001RC06 | 20935.-     | 1                  |
| 8 Way   | 12                  | 12                     | 24                  | 48               | 8GB32001RC08 | 24440.-     | 1                  |
| 12 Way  | 12                  | 12                     | 36                  | 60               | 8GB32001RC12 | 29095.-     | 1                  |
| <b>TPN Phase segregated DBs, (8 segment) IP 43 For MCB as incomer</b> |                     |                        |                     |                  |              |             |                    |
| 4 way   | 12                  | 12                     | 12                  | 36               | 8GB32002RC04 | 22110.-     | 1                  |
| 6 way   | 12                  | 12                     | 18                  | 42               | 8GB32002RC06 | 25600.-     | 1                  |
| 8 way   | 12                  | 12                     | 24                  | 48               | 8GB32002RC08 | 29095.-     | 1                  |
| 12 way  | 12                  | 12                     | 36                  | 60               | 8GB32002RC12 | 34905.-     | 1                  |
| <b>TPN Phase segregated DBs, IP 43 for MCCB as incomer upto 160A</b>  |                     |                        |                     |                  |              |             |                    |
| 6 way   |                     | 12                     | 18                  | 30               | 8GB32012RC06 | 39545.-     | 1                  |
| 8 way   |                     | 12                     | 24                  | 36               | 8GB32012RC08 | 45370.-     | 1                  |
| 12 way  |                     | 12                     | 36                  | 48               | 8GB32012RC12 | 51190.-     | 1                  |
| <b>Wire Way box for MCB Incomer, IP 43 DBs</b>                        |                     |                        |                     |                  |              |             |                    |
| For 4 Way   | -                   | -                      | -                   | -                | 8GB32007RC04 | 5805.-      | 1                  |
| For 6 Way   | -                   | -                      | -                   | -                | 8GB32007RC06 | 6970.-      | 1                  |
| For 8 Way   | -                   | -                      | -                   | -                | 8GB32007RC08 | 8130.-      | 1                  |
| For 12 Way  | -                   | -                      | -                   | -                | 8GB32007RC12 | 9295.-      | 1                  |
| <b>Wire Way box for MCCB Incomer, IP 43 DBs</b>                       |                     |                        |                     |                  |              |             |                    |
| For 6 Way   | -                   | -                      | -                   | -                | 8GB32017RC06 | 6970.-      | 1                  |
| For 8 Way   | -                   | -                      | -                   | -                | 8GB32017RC08 | 8130.-      | 1                  |
| For 12 Way  | -                   | -                      | -                   | -                | 8GB32017RC12 | 9295.-      | 1                  |


## Betagard Distribution Board 8GB




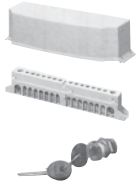
Note: \* MRP - Maximum Retail Price

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

## Industrial plug & sockets

|   | Item Description                        | Total Slots (MW) | Reference No | Unit MRP* ₹ | Std. Pkg.** (Nos.) |
|---|---|------------------|--------------|-------------|--------------------|
| <b>Plug &amp; Socket, IP20 with provision for MCB mounting :</b>                  |   |                  |              |             |                    |
|  | 1 Phase 20A, 1P MCB                     | 1                | 8GB0501RC    | 3020.-      | 1/20               |
|   | 1 Phase 20A, 2P MCB                     | 2                | 8GB0501SRC   | 3020.-      | 1/20               |
|   | 3 Phase 32A, 3P MCB                     | 3                | 8GB0502      | 6395.-      | 1/15               |
|   | 3 Phase 32A, 3P+N MCB                   | 4                | 8GB0502S     | 6395.-      | 1/15               |
|   | 5 Pin (3P+N+PE) 3Phase 32A MCB 3P+N MCB | 8                | 8GB050332    | 10100.-     | 1/5                |
|   | 5 Pin (3P+N+PE) 3Phase 63A MCB 3P+N MCB | 8                | 8GB050363    | 26315.-     | 1/5                |

## Simbox WP

|   | Item Description               | Total Slots (MW) | Reference No | Unit MRP* ₹ | Std. Pkg.** (Nos.) |
|---|--------------------------------|------------------|--------------|-------------|--------------------|
| <b>Simbox WP (IP65 DBs)</b>   |                                |                  |              |             |                    |
|   | 1 Row, 4Mod                    | 4                | 8GB13710     | 9085.-      | 1                  |
|   | 1 Row 8Mod                     | 8                | 8GB13711     | 11540.-     | 1                  |
|   | 1 Row 12Mod                    | 12               | 8GB13712     | 20600.-     | 1                  |
|   | 1 Row 18Mod                    | 18               | 8GB13713     | 26680.-     | 1                  |
|   | 2 Row 2 x 12Mod                | 24               | 8GB13722     | 32940.-     | 1                  |
|   | 2 Row, 2 x 18Mod               | 36               | 8GB13723     | 46440.-     | 1                  |
|   | 3 Row, 3 x 18Mod               | 54               | 8GB13733     | 81675.-     | 1                  |
|   | 4 Row 4 x 18Mod                | 72               | 8GB13743     | 107010.-    | 1                  |
| <b>Accessories for Simbox WP</b>  |                                |                  |              |             |                    |
|  | Coupling covers, 12M           |                  | 8GB20510     | 2970.-      | 1                  |
|   | Coupling covers, 18M           |                  | 8GB20511     | 3335.-      | 1                  |
|   | Insulated N/PE terminals, 8MW  |                  | 8GB20520     | 4630.-      | 1                  |
|   | Insulated N/PE terminals, 12MW |                  | 8GB20521     | 7080.-      | 1                  |
|   | Insulated N/PE terminals, 18MW |                  | 8GB20522     | 10405.-     | 1                  |
|   | Cylindrical security lock      |                  | 8GB20550     | 8445.-      | 1                  |










Note: \* MRP - Maximum Retail Price

For Customized Solutions in Distribution Boards please Contact our sales Office

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# Betagard Distribution Boards Accessories

|  | Item Description                                     | Reference No | Unit<br>MRP* ₹ | Std. Pkg.**<br>(Nos.) |
|--|--|--------------|----------------|-----------------------|
| <b>Blanking Plate</b>  |  |              |                |                       |
|                         | 1 MW   | 8GB9901      | 115.-          | 25                    |
| <b>Insulated Shorting Links</b>  |  |              |                |                       |
| <b>Single Phase Shorting Links for Shorting 1P MCBs</b>  |  |              |                |                       |
| <b>For SPN and TPN PPI DB</b>  |  |              |                |                       |
|  | 5 Leg SP Shorting Link                               | 8GB9905LSP   | 350.-          | 10                    |
|  | 7 Leg SP Shorting Link                               | 8GB9907LSP   | 415.-          | 10                    |
|  | 9 Leg SP Shorting Link                               | 8GB9909LSP   | 485.-          | 10                    |
|                         | 11 Leg SP Shorting Link                              | 8GB9911LSP   | 510.-          | 10                    |
|  | 13 Leg SP Shorting Link                              | 8GB9913LSP   | 685.-          | 10                    |
|  | 15 Leg SP Shorting Link                              | 8GB9915LSP   | 830.-          | 10                    |
|  | 17 Leg SP Shorting Link                              | 8GB9917LSP   | 870.-          | 10                    |
| <b>For TPN DB</b>  |  |              |                |                       |
|  | 4 Leg SP Shorting Link                               | 8GB9904LSP   | 350.-          | 10                    |
|  | 6 Leg SP Shorting Link                               | 8GB9906LSP   | 415.-          | 10                    |
|                         | 8 Leg SP Shorting Link                               | 8GB9908LSP   | 485.-          | 10                    |
|  | 10 Leg SP Shorting Link                              | 8GB9910LSP   | 510.-          | 10                    |
|  | 12 Leg SP Shorting Link                              | 8GB9912LSP   | 685.-          | 10                    |
|  | 14 Leg SP Shorting Link                              | 8GB9914LSP   | 830.-          | 10                    |
|  | 16 Leg SP Shorting Link                              | 8GB9916LSP   | 870.-          | 10                    |
| <b>Two Phase, 1 meter long for shorting 2P MCBs (suitable for maximum of 28 nos. 2MW devices)</b>        |  |              |                |                       |
|                       | Shorting link without End caps, Can be cut and used. | 8GB990SLDLP  | 8610.-         | 1                     |
|  | End Caps for 2 pole Shorting Links                   | 8GB990ECLDP  | 145.-          | 10                    |
| <b>Three Phase, 1 meter long for shorting 3P MCBs (suitable for maximum of 19 nos. 3MW devices)</b>      |  |              |                |                       |
|                       | Shorting link without Enc caps, Can be cut and used. | 8GB990SLLTP  | 9420.-         | 1                     |
|  | End Caps for 3 pole Shorting Links                   | 8GB990ECLTP  | 210.-          | 10                    |
| <b>Three Phase + N, 1 meter long for shorting TPN MCBs (suitable for maximum of 14 nos. 4MW devices)</b> |  |              |                |                       |
|                       | Shorting link without Enc caps, Can be cut and used. | 8GB990SLLTPN | 9955.-         | 1                     |
|  | End Caps for 3 pole Shorting Links                   | 8GB990ECLTPN | 265.-          | 10                    |
| <b>Neutral Terminals</b>   |  |              |                |                       |
| <b>Neutral Terminals For 8GB0 and 8GB31 DBs (Along with Mounting Stands)</b>                             |  |              |                |                       |
|                       | 5 Way Neutral Link                                   | 8GB9905NL    | 380.-          | 10                    |
|                       | 11 Way Neutral Link                                  | 8GB9911NL    | 560.-          | 10                    |
|                       | 13 Way Neutral Link                                  | 8GB9913NL    | 640.-          | 10                    |
|                       | 15 Way Neutral Link                                  | 8GB9915NL    | 720.-          | 10                    |
| <b>Neutral Terminals For 8GB32 DBs (With Terminal Shroud and Cover)</b>                                  |  |              |                |                       |
|                       | Neutral Terminal 5 Holes                             | 8GB9905NPE   | 415.-          | 10                    |
|  | Neutral Terminal 11 Holes                            | 8GB9911NPE   | 570.-          | 10                    |
|  | Neutral Terminal 13 Holes                            | 8GB9913NPE   | 685.-          | 10                    |
|  | Neutral Terminal 15 Holes                            | 8GB9915NPE   | 755.-          | 10                    |
| <b>Earth Terminals</b>   |  |              |                |                       |
|                       | 5 Way Earth Link                                     | 8GB9905EL    | 320.-          | 10                    |
|                       | 11 Way Earth Link                                    | 8GB9911EL    | 540.-          | 10                    |
|                       | 13 Way Earth Link                                    | 8GB9913EL    | 570.-          | 10                    |
|                       | 15 Way Earth Link                                    | 8GB9915EL    | 685.-          | 10                    |

Note: \* MRP - Maximum Retail Price

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# 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

## 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           | 23555.-    |
| 5SD74141RC    | 240/415V AC   | 3P+N | 8            | 100kA                            | 50kA                     | Yes           | 45850.-    |

### 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            | 3850.-     |
| 5SD74640RC    | 240/415V AC   | 3P+N | 4            | 335V AC | 40kA                     | No            | 11450.-    |

### 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 (5SD7461-0RC/5SD7464-0RC)



| 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            | 6505.-     |

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,  $U_c$  350V Pluggable protective modules 4-pole, 3+1 circuit for TN-S and TT systems with remote display



5SD74121



5SD74141

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

### 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



5SD74131

| Rated voltage $U_N$ | Backup fuse rating | Protection level | Lightening impulse current $I_{imp}(10/350\mu s)$ |      | Pole | Reference No. | Unit LP* ₹ |
|---------------------|--------------------|------------------|---|------|------|---------------|------------|
|                     |                    |                  | L-N or L-(PE), 1P/3P                              | N-PE |      |               |            |
| 240/415V AC         | 125A gL/gG         | $\leq 1.5kV$     | 25kA/75kA   | -    | 3P   | 5SD74131      | 112535.-   |

## 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



5SD74641



5SD7422-0

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

### 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



5SD7463-0

| Rated voltage $U_N$ | Backup fuse rating | Protection level $U_p$ | Maximum discharge surge current $I_{max}$ | Pole | Remote signaling | Reference No. | Unit LP* ₹ |
|---------------------|--------------------|------------------------|---|------|------------------|---------------|------------|
|                     |                    |                        | L-N or L-(PE)N, 1P                        |      |                  |               |            |
| 240/415V            | 80A gL/gG          | $\leq 1.5kV$           | 40kA                                      | 3P   | No               | 5SD74630      | 38130.-    |
| 240/415V            | 80A gL/gG          | $\leq 1.5kV$           | 40kA                                      | 3P   | Yes              | 5SD74631      | 39875.-    |

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

Note: Standard packing: 1unit


\* 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      | 18075.-    |
|   | 120V AC<br>150V DC | 26A           | 0.95kV           | 3kA                     | 2P   | 5SD74326      | 19695.-    |
|   | 240V AC<br>240V DC | 26A           | 1.5kV            | 3kA                     | 2P   | 5SD74327      | 20220.-    |

### 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* ₹       |
|--|------------------------------|-------------------------|---------------------------------|---|------------------------|------|------------------|---------------|------------------|
| <br>5SD74836 | 1000V DC                     | 15kA                    | ≤3.5kV                          | ≤5kA                                    | 40kA                   | 3P   | No               | 5SD74836      | Price on request |

### Replacement Plug

|   | SPD Type    | Type   | Connection | Reference No.    | Unit LP* ₹ |
|---|-------------|--------|------------|------------------|------------|
|  | 5SD74121    | Type 1 | L-N        | 5SD74181         | 31725.-    |
|   | 5SD74131    |        |            |                  |            |
|   | 5SD74141    |        |            |                  |            |
|   | 5SD74121    |        | N-PE       | 5SD74180         | 33255.-    |
|   | 5SD74131    |        |            |                  |            |
|   | 5SD74141    |        |            |                  |            |
|   | 5SD7463-0/1 | Type 2 | L-N        | 5SD74681         | 9315.-     |
|   | 5SD7464-0/1 |        |            |                  |            |
|   | 5SD7464-0/1 |        | N-PE       | 5SD74880         | 11685.-    |
|   | 5SD7422-0/1 |        |            |                  |            |
|   | 5SD7422-0/1 | L-N    | 5SD74281   | 9315.-           |            |
|   | 5SD7422-0/1 |        |            |                  | N-PE       |
| 5SD7483-6   | PV          | -      | 5SD74983   | Price on request |            |

\* 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: 1unit

\* LP - List Price



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- DIN mounted phase indicators, monitoring relays and measuring devices for final distribution circuits
- Twilight Switch for Automatic Street Light Control

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## Modular Devices

|   | Item Description  | Rated Current<br>$I_n$ (A) | MW# | Reference No | Unit LP*<br>₹ | Std. Pkg.**<br>(Nos.) |
|---|---|----------------------------|-----|--------------|---------------|-----------------------|
| <b>Changeover switches</b>  |   |                            |     |              |               |                       |
| Standards: IEC 60947-3/DIN EN 60947-3   |   |                            |     |              |               |                       |
|    | 1C/O, 230V  | 20                         | 1   | 5TE8161      | 3915.-        | 1/10                  |
|   | 2C/O, 400V  | 20                         | 1   | 5TE8162      | 5915.-        | 1/10                  |
|   | Group switch, center position,<br>2C/O, 400V  | 20                         | 1   | 5TE8142      | 7145.-        | 1/10                  |
|   |   |                            |     |              |               |                       |
| <b>Insta Contactors</b>   |   |                            |     |              |               |                       |
| Standards: EN 60947-4-1, EN 60947-5-1   |   |                            |     |              |               |                       |
|    | 2NO contacts, 230V AC   | 20                         | 1   | 5TT58000     | 4725.-        | 1/5                   |
|   | 3NO+1NC contacts, 230V AC/220V DC<br>(1NC contact rated for 30A)                          | 40                         | 3   | 5TT58410     | 12925.-       | 1/5                   |
|   | 3NO+1NC contacts, 24V AC/24V DC<br>(1NC contact rated for 30A)                            | 40                         | 3   | 5TT58412     | 12985.-       | 1/5                   |
|   | 4NO contacts, 230V AC/220V DC   | 40                         | 3   | 5TT58400     | 13025.-       | 1/5                   |
|   | 4NO contacts, 24V AC/24V DC   | 40                         | 3   | 5TT58402     | 13005.-       | 1/5                   |
|   | 3NO+1NC contacts, 230V AC/220V DC<br>(1NC contact rated for 30A)                          | 63                         | 3   | 5TT58510     | 20235.-       | 1/5                   |
|   | 3NO+1NC contacts, 24V AC/24V DC,<br>(1NC contact rated for 30A)                           | 63                         | 3   | 5TT58512     | 20605.-       | 1/5                   |
|   | 4NO contacts, 230V AC/220V DC   | 63                         | 3   | 5TT58500     | 16505.-       | 1/5                   |
|   | 4NO contacts, 24V AC/24V DC   | 63                         | 3   | 5TT58502     | 16540.-       | 1/5                   |
| <b>Insta Contactors Manual / Automatic with Switching Indicator</b>                 |   |                            |     |              |               |                       |
| Standards: IEC60947-4-1, IEC60947-5-1   |   |                            |     |              |               |                       |
|  | 2NO contacts, 230V AC   | 20                         | 1   | 5TT58006     | 6290.-        | 1/5                   |
|   | 1NO+1NC contacts, 230V AC   | 20                         | 1   | 5TT58016     | 9245.-        | 1/5                   |
|   | 4NO contacts, 230V AC   | 25                         | 2   | 5TT58306     | 9505.-        | 1/5                   |
|   | 4NO contacts, 400V AC   | 40                         | 3   | 5TT58406     | 19130.-       | 1/5                   |
|   | 4NO contacts, 400V AC   | 63                         | 3   | 5TT58506     | 25065.-       | 1/5                   |
| <b>Accessories</b>  |   |                            |     |              |               |                       |
|   | Control Switch with 1 Make and 1 Break<br>Contact For AC 230V/400V For 5TT58 and<br>5TT50 |                            |     | 5TT59101     | 5765.-        | 1/10                  |






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>Twilight switch</b>  |   |                                     |     |              |                  |                       |
|    | Twilight Switch with light sensor 230 V, 50/60 Hz, 1MW, 16A   |                                     |     | 7LQ2300      | Price on request | 1                     |
| <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      | 20940.-          | 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      | 38305.-          | 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      | 39435.-          | 1                     |
| <b>RYG 3 phase indicator in 1MW</b>   |   |                                     |     |              |                  |                       |
|  | 3 phase indicator (all with green color cap)  |                                     | 1   | 5TE5802      | 5265.-           | 1/10                  |
|   | 3 phase indicator (red/yellow/green)  |                                     | 1   | 5TE5803      | 5010.-           | 1/10                  |
|   | Transparent cap (1 set = 3 items, R, Y, G lens)   |                                     |     | 5TG8070      | 1345.-           | 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      | 3140.-           | 1/12                  |
|   | Light indicators for max. cable length up to 250 m with 1 red lamp  |                                     | 1   | 5TE5804      | 3990.-           | 1/12                  |
|   | Transparent cap (Red) (1 set 5x each red/transparent)   |                                     |     | 5TG8061      | 1735.-           | 5                     |
|   | Transparent cap (Green) (1 Set with 5x each green/transparent)  |                                     |     | 5TG8062      | 1735.-           | 5                     |
|   | Transparent cap (Yellow) (1 Set with 5x each yellow/transparent)  |                                     |     | 5TG8063      | 1735.-           | 5                     |
|   | Transparent cap (Blue) (1 Set with 5x each blue/transparent)  |                                     |     | 5TG8064      | 1735.-           | 5                     |
| <b>Fuse Monitor</b>   |   |                                     |     |              |                  |                       |
|  | Fuse monitors with transparent caps for all low voltage fuse systems, 230V AC   | 4                                   | 2   | 5TT3170      | 16425.-          | 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>$I_n$ (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     | 12225.-       | 1                     |
|  | Yearly time switch top digital 230V, 1 channel   | 16                         | 2   | 7LF45110     | 14970.-       | 1                     |
|  | Yearly time switch top digital 230V, 2 channel   | 16                         | 2   | 7LF45120     | 28660.-       | 1                     |
|  | Weekly time switch profi digital 230V, 1 channel   | 16                         | 2   | 7LF45210     | 26700.-       | 1                     |
|  | Weekly time switch profi digital 230V, 2 channel   | 16                         | 2   | 7LF45220     | 34535.-       | 1                     |
|  | Weekly time switch astro digital 230V, 1 channel   | 16                         | 2   | 7LF45310     | 26915.-       | 1                     |
|  | Weekly time switch astro digital 230V, 2 channel   | 16                         | 2   | 7LF45320     | 45000.-       | 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     | 16565.-       | 1                     |
|  | Synchronous time switches without power reserve, for DIN rail mounting, day disk, 1CO, 230V AC | 16                         | 3   | 7LF53005     | 9140.-        | 1                     |
|  | Quartz-clock time switches with power reserve for DIN rail mounting, day disk, 1CO, 230V AC    | 16                         | 3   | 7LF53016     | 17595.-       | 1                     |
|  | Quartz-clock time switches with power reserve for wall mounting, day disk, 1CO, 250V AC        | 16                         | —   | 7LF53050     | 19245.-       | 1                     |
|  | Synchronous time switches without power reserve, for wall mounting, day disk, 1CO, 250V AC     | 16                         | —   | 7LF53010     | 10850.-       | 1                     |
| <b>Accessories for Digital Time Switches</b>   |  |                            |     |              |               |                       |
|             | USB adapter and software   |                            |     | 7LF49410     | 44305.-       | 1                     |
|  | Data key profi, astro  |                            |     | 7LF49411     | 4510.-        | 1                     |

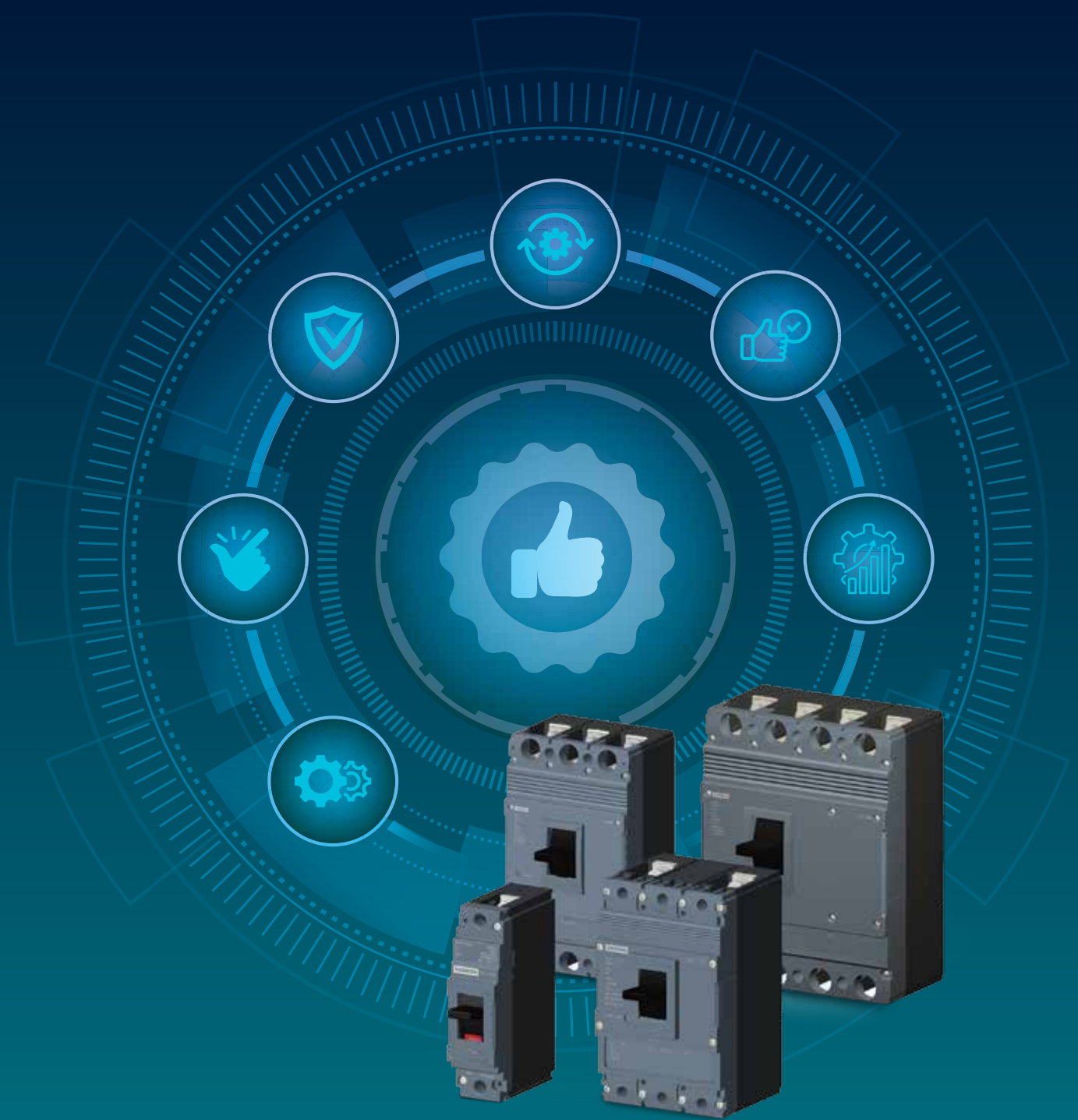
Note:

\* 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





**SINOVA**

# 3VJ Moulded Case Circuit Breakers

**Simply Efficient**

- Rated current: 16A to 630A
- 1 pole, 2 pole, 3 pole & 4 pole versions
- Breaking capacity: 10kA to 55kA
- Thermal magnetic trip unit (FTFM, ATFM)
- Range of internal and external accessories

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

**SIEMENS**

## 3VJ Moulded Case Circuit Breakers<sup>\$</sup>

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

| Frame Size          | Breaking Capacity @415V AC, 50/60Hz | Rated Current In (A) | 3 Pole Type        | 4 Pole Type        |                    |                    |
|---------------------|-------------------------------------|----------------------|--------------------|--------------------|--------------------|--------------------|
| 3VJ10<br>(VJ1 125X) | 18kA                                | 16                   | 3VJ1096-1DA32-0AA0 | 3VJ1096-1EA42-0AA0 |                    |                    |
|                     |                                     | 20                   | 3VJ1002-1DA32-0AA0 | 3VJ1002-1EA42-0AA0 |                    |                    |
|                     |                                     | 25                   | 3VJ1092-1DA32-0AA0 | 3VJ1092-1EA42-0AA0 |                    |                    |
|                     |                                     | 32                   | 3VJ1003-1DA32-0AA0 | 3VJ1003-1EA42-0AA0 |                    |                    |
|                     |                                     | 40                   | 3VJ1004-1DA32-0AA0 | 3VJ1004-1EA42-0AA0 |                    |                    |
|                     |                                     | 50                   | 3VJ1005-1DA32-0AA0 | 3VJ1005-1EA42-0AA0 |                    |                    |
|                     |                                     | 63                   | 3VJ1006-1DA32-0AA0 | 3VJ1006-1EA42-0AA0 |                    |                    |
|                     |                                     | 80                   | 3VJ1008-1DA32-0AA0 | 3VJ1008-1EA42-0AA0 |                    |                    |
|                     |                                     | 100                  | 3VJ1010-1DA32-0AA0 | 3VJ1010-1EA42-0AA0 |                    |                    |
|                     |                                     | 125                  | 3VJ1012-1DA32-0AA0 | 3VJ1012-1EA42-0AA0 |                    |                    |
|                     |                                     | 3VJ12<br>(VJ1 250)   | 25kA               | 16                 | 3VJ1096-3DA32-0AA0 | 3VJ1096-3EA42-0AA0 |
|                     |                                     |                      |                    | 20                 | 3VJ1002-3DA32-0AA0 | 3VJ1002-3EA42-0AA0 |
|                     |                                     |                      |                    | 25                 | 3VJ1092-3DA32-0AA0 | 3VJ1092-3EA42-0AA0 |
|                     |                                     |                      |                    | 32                 | 3VJ1003-3DA32-0AA0 | 3VJ1003-3EA42-0AA0 |
| 40                  | 3VJ1004-3DA32-0AA0                  |                      |                    | 3VJ1004-3EA42-0AA0 |                    |                    |
| 50                  | 3VJ1005-3DA32-0AA0                  |                      |                    | 3VJ1005-3EA42-0AA0 |                    |                    |
| 63                  | 3VJ1006-3DA32-0AA0                  |                      |                    | 3VJ1006-3EA42-0AA0 |                    |                    |
| 80                  | 3VJ1008-3DA32-0AA0                  |                      |                    | 3VJ1008-3EA42-0AA0 |                    |                    |
| 100                 | 3VJ1010-3DA32-0AA0                  |                      |                    | 3VJ1010-3EA42-0AA0 |                    |                    |
| 125                 | 3VJ1012-3DA32-0AA0                  |                      |                    | 3VJ1012-3EA42-0AA0 |                    |                    |
| 3VJ12<br>(VJ1 250)  | 25kA                                | 160                  | 3VJ1216-3DA32-0AA0 | 3VJ1216-3EA42-0AA0 |                    |                    |
|                     |                                     | 200                  | 3VJ1220-3DA32-0AA0 | 3VJ1220-3EA42-0AA0 |                    |                    |
|                     |                                     | 250                  | 3VJ1225-3DA32-0AA0 | 3VJ1225-3EA42-0AA0 |                    |                    |

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


| Frame Size          | Breaking Capacity @415V AC, 50/60Hz | Rated Current In (A) | 3 Pole Type        | 4 Pole Type        |
|---------------------|-------------------------------------|----------------------|--------------------|--------------------|
| 3VJ10<br>(VJ1 125X) | 25kA                                | 16                   | 3VJ1096-3DB32-0AA0 | 3VJ1096-3EB42-0AA0 |
|                     |                                     | 20                   | 3VJ1002-3DB32-0AA0 | 3VJ1002-3EB42-0AA0 |
|                     |                                     | 25                   | 3VJ1092-3DB32-0AA0 | 3VJ1092-3EB42-0AA0 |
|                     |                                     | 32                   | 3VJ1003-3DB32-0AA0 | 3VJ1003-3EB42-0AA0 |
|                     |                                     | 40                   | 3VJ1004-3DB32-0AA0 | 3VJ1004-3EB42-0AA0 |
|                     |                                     | 50                   | 3VJ1005-3DB32-0AA0 | 3VJ1005-3EB42-0AA0 |
|                     |                                     | 63                   | 3VJ1006-3DB32-0AA0 | 3VJ1006-3EB42-0AA0 |
|                     |                                     | 80                   | 3VJ1008-3DB32-0AA0 | 3VJ1008-3EB42-0AA0 |
|                     |                                     | 100                  | 3VJ1010-3DB32-0AA0 | 3VJ1010-3EB42-0AA0 |
|                     |                                     | 125                  | 3VJ1012-3DB32-0AA0 | 3VJ1012-3EB42-0AA0 |
| 3VJ12<br>(VJ1 250)  | 25kA                                | 160                  | 3VJ1216-3DB32-0AA0 | 3VJ1216-3EB42-0AA0 |
|                     |                                     | 200                  | 3VJ1220-3DB32-0AA0 | 3VJ1220-3EB42-0AA0 |
|                     |                                     | 250                  | 3VJ1225-3DB32-0AA0 | 3VJ1225-3EB42-0AA0 |
| 3VJ13<br>(VJ1 400)  | 25kA                                | 320                  | 3VJ1332-3DB32-0AA0 | 3VJ1332-3EB42-0AA0 |
|                     |                                     | 400                  | 3VJ1340-3DB32-0AA0 | 3VJ1340-3EB42-0AA0 |
| 3VJ11<br>(VJ1 125)  | 36kA                                | 16                   | 3VJ1196-5DB32-0AA0 | 3VJ1196-5EB42-0AA0 |
|                     |                                     | 20                   | 3VJ1102-5DB32-0AA0 | 3VJ1102-5EB42-0AA0 |
|                     |                                     | 25                   | 3VJ1192-5DB32-0AA0 | 3VJ1192-5EB42-0AA0 |
|                     |                                     | 32                   | 3VJ1103-5DB32-0AA0 | 3VJ1103-5EB42-0AA0 |
|                     |                                     | 40                   | 3VJ1104-5DB32-0AA0 | 3VJ1104-5EB42-0AA0 |
|                     |                                     | 50                   | 3VJ1105-5DB32-0AA0 | 3VJ1105-5EB42-0AA0 |
|                     |                                     | 63                   | 3VJ1106-5DB32-0AA0 | 3VJ1106-5EB42-0AA0 |
|                     |                                     | 80                   | 3VJ1108-5DB32-0AA0 | 3VJ1108-5EB42-0AA0 |
|                     |                                     | 100                  | 3VJ1110-5DB32-0AA0 | 3VJ1110-5EB42-0AA0 |
|                     |                                     | 125                  | 3VJ1112-5DB32-0AA0 | 3VJ1112-5EB42-0AA0 |
| 3VJ12<br>(VJ1 250)  | 36kA                                | 160                  | 3VJ1216-5DB32-0AA0 | 3VJ1216-5EB42-0AA0 |
|                     |                                     | 200                  | 3VJ1220-5DB32-0AA0 | 3VJ1220-5EB42-0AA0 |
|                     |                                     | 250                  | 3VJ1225-5DB32-0AA0 | 3VJ1225-5EB42-0AA0 |
| 3VJ13<br>(VJ1 400)  | 36kA                                | 320                  | 3VJ1332-5DB32-0AA0 | 3VJ1332-5EB42-0AA0 |
|                     |                                     | 400                  | 3VJ1340-5DB32-0AA0 | 3VJ1340-5EB42-0AA0 |
| 3VJ14<br>(VJ1 630)  | 36kA                                | 630                  | 3VJ1463-5DB32-0AA0 | 3VJ1463-5EB42-0AA0 |

<sup>\$</sup> Kindly refer latest Power Distribution Products Price List for prices

### 3VJ Internal accessories<sup>5</sup>

| Frame Size                          | Accessory compartment/<br>Coil voltage | 3VJ10<br>(VJ1 125X) | 3VJ11<br>(VJ1 125) | 3VJ12<br>(VJ1 250) | 3VJ13/14<br>(VJ1 400/630) |
|-------------------------------------|--|---------------------|--------------------|--------------------|---------------------------|
| Auxiliary Switches (AUX)            | Left                                   | 3VJ9018-0AN11       | 3VJ9218-0AN11      | 3VJ9218-0AN11      | 3VJ9417-0AN11             |
|                                     | Right                                  | -                   | 3VJ9218-0AN21      | 3VJ9218-0AN21      | 3VJ9417-0AN21             |
| Auxiliary + Alarm Switches (AUX+AL) | Left                                   | 3VJ9018-0AD11       | 3VJ9118-0AD11      | 3VJ9218-0AD11      | 3VJ9417-0AD11             |
|                                     | Right                                  | -                   | 3VJ9118-0AD21      | 3VJ9218-0AD21      | 3VJ9417-0AD21             |

### 3VJ External accessories<sup>5</sup>

| Frame Size  | Accessory  | 3VJ10<br>(VJ1 125X)    | 3VJ11<br>(VJ1 125)     | 3VJ12<br>(VJ1 250)     | 3VJ13/14<br>(VJ1 400/630) |
|---|--|------------------------|------------------------|------------------------|---------------------------|
|   | Extended Door Mounted Rotary Operator (including 8UC handle) | 3VJ9018-0HD11          | 3VJ9118-0HD11          | 3VJ9218-0HD11          | 3VJ9417-0HD11             |
|  | Enclosure  | 3VJ9016-ODE11 (2P, 3P) | 3VJ9116-ODE11 (2P, 3P) | 3VJ9216-ODE12 (2P, 3P) | -                         |
|   |  | 3VJ9014-ODE11 (4P)     | 3VJ9114-ODE11 (4P)     | 3VJ9214-ODE12 (4P)     | -                         |


## Raja<sup>+</sup> DOL Starters<sup>@</sup> 3TW Direct On Line Starters

IS/IEC 60947-4-1



CML No.7800027718

### 3ph, 50Hz DOL Starter in sheet steel housing, including bimetal relay with single phasing protection

|   | Motor Rating At 415V 3ph 50Hz |      | Starter Type  | Contactors         | Thermal Overload Relay | Relay range (A) | Max. Full Load Current (Amp)                    |   | Std. Pkg. (Nos.) |
|---|-------------------------------|------|---------------|--------------------|------------------------|-----------------|---|---|------------------|
|   | HP                            | kW   |               |                    |                        |                 | 3Ph, 415V 4P Squirrel Cage IS 8789:1996 Table 4 | 3Ph, 415V 2P MRP Submersible motor IS 9283:1995 Table 2 |                  |
|  | 0.33                          | 0.25 | 3TW7291-1A^64 | 3TS3010-0A##-08KA0 | 3UW5102-0J             | 0.63-1          | -   | -   | 1                |
|   | 0.75                          | 0.55 | 3TW7291-1A^66 | 3TS3010-0A##-08KA0 | 3UW5102-1A             | 1-1.6           | 1.7   | -   | 1                |
|   | 1                             | 0.75 | 3TW7291-1A^68 | 3TS3010-0A##-08KA0 | 3UW5102-1C             | 1.6-2.5         | 2.2   | -   | 1                |
|   | 1.5                           | 1.1  | 3TW7291-1A^69 | 3TS3010-0A##-08KA0 | 3UW5102-1D             | 2-3.2           | 2.9   | 3.25  | 1                |
|   | 2                             | 1.5  | 3TW7291-1A^71 | 3TS3010-0A##-08KA0 | 3UW5102-1F             | 3.2-5           | 3.8   | 4.5   | 1                |
|   | 3                             | 2.2  | 3TW7291-1A^72 | 3TS3010-0A##-08KA0 | 3UW5102-1G             | 4-6.3           | 5.1   | 6.5   | 1                |
|   | 5                             | 3.7  | 3TW7291-1A^74 | 3TS3010-0A##-08KA0 | 3UW5102-1J             | 6.3-10          | 8.1   | 10  | 1                |
|   | 7.5                           | 5.5  | 3TW7291-1A^75 | 3TS3210-0A##-08KA0 | 3UW5102-1K             | 8-12.5          | 11.4  | 14.5  | 1                |
|   | 7.5                           | 5.5  | 3TW7291-1A^77 | 3TS3210-0A##-08KA0 | 3UW5102-2A             | 10-16           | -   | -   | 1                |
|   | 10                            | 7.5  | 3TW7291-1A^78 | 3TS3210-0A##-08KA0 | 3UW5102-2B             | 12.5-20         | 15.4  | 19.5  | 1                |

^ Enter code for coil voltage, 50Hz (B for 200-400V AC, W for 332 - 456V AC)

## Enter Code for operating coil voltage, 50 Hz (Z6 for 200-400V, R0 for 415V)

\* MRP - Maximum Retail Price LP - List Price


\$ Kindly refer latest Power Distribution Products Price List for prices

@ Kindly refer latest Control Products Price List for prices




# Switch disconnecter fuse<sup>@</sup> Superswitch 3KL8 in open execution 3PN

## Switch Disconnector fuse: 3KL8 for power distribution (in Open Execution 3PN)<sup>^</sup>

|   | Rated current Ie @ 690V AC 50Hz | SDF suitable for DIN type HRC Fuses | SDF suitable for BS type HRC Fuses | SDF suitable for cylindrical type HRC Fuses | Std. pkg. (nos.) |
|---|---------------------------------|-------------------------------------|------------------------------------|---|------------------|
|  | 20A                             | 3KL8111-5TA00                       | 3KL8111-5TJ00                      | 3KL8111-5TC00                               | 1                |
|   | 32A                             | 3KL8121-5TA00                       | 3KL8121-5TJ00                      | 3KL8121-5TC00                               | 1                |
|   | 63A                             | 3KL8151-5TA00                       | 3KL8151-5TJ00                      | 3KL8151-5TC00                               | 1                |
|   | 100A                            | 3KL8171-5TA00                       | -                                  | -   | 1                |
|   | 100A                            | 3KL8211-5TA00                       | 3KL8211-5TJ00                      | -   | 1                |
|   | 125A                            | 3KL8221-5TA00                       | 3KL8221-5TJ00                      | -   | 1                |
|   | 160A                            | 3KL8231-5TA00                       | 3KL8231-5TJ00                      | -   | 1                |
|   | 200A                            | 3KL8311-5UA00                       | 3KL8311-5UJ00                      | -   | 1                |
|   | 250A                            | 3KL8321-5UA00                       | 3KL8321-5UJ00                      | -   | 1                |
|   | 315A                            | 3KL8331-5UA00                       | 3KL8331-5UJ00                      | -   | 1                |
|   | 400A                            | 3KL8341-5UA00                       | 3KL8341-5UJ00                      | -   | 1                |
|   | 500A                            | 3KL8411-5UA00                       | 3KL8411-5UJ00                      | -   | 1                |
|   | 630A                            | 3KL8421-5UA00                       | 3KL8421-5UJ00                      | -   | 1                |
|   | 800A                            | 3KL8431-5UA00                       | 3KL8431-5UJ00                      | -   | 1                |

<sup>^</sup> 3PN is 3 Pole with neutral link

## Selection table for SS Housing for 3KL8




|   | Rated current Ie (A) | Reference No | Unit MRP* ₹ | Std. Pkg. (Nos.) |
|---|----------------------|--------------|-------------|------------------|
|  | 3KL81 (20A - 63A)    | 3KX8235-4AC  | -           | 1                |
|   | 3KL82 (100A - 160A)  | 3KX8235-4AC  | -           | 1                |
|   | 3KL83 (200A - 400A)  | 3KX8345-4AC  | -           | 1                |
|   | 3KL84 (500A - 800A)  | 3KX8435-4AC  | -           | 1                |

| Rated current Ie (A) | Gland box Reference No. | Unit MRP* ₹ | Gland Plate Reference No. | Unit MRP* ₹ | Std Pkg. (Nos.) |
|----------------------|-------------------------|-------------|---------------------------|-------------|-----------------|
| 3KL81(20A-63A)       | 3KX8235-4DC             | -           | 3KX8235-4GC               | -           | 1               |
| 3KL82(100A-160A)     | 3KX8235-4DC             | -           | 3KX8235-4GC               | -           | 1               |
| 3KL83(200A-400A)     | 3KX8345-4DC             | -           | 3KX8345-4GC               | -           | 1               |
| 3KL84(500A-800A)     | 3KX8435-4DC             | -           | 3KX8435-4GC               | -           | 1               |

## LV HRC Fuses<sup>@</sup>

### DIN Type Fuse



Rated voltage: 500 V AC

|   | Size | Rated current A | Reference No | Unit MRP* ₹ | Std. Pkg. (Nos.) |
|---|------|-----------------|--------------|-------------|------------------|
|  | 000  | 2               | 3NA7 802-ORC | -           | 1/6              |
|   |      | 4               | 3NA7 804-ORC | -           |                  |
|   |      | 6               | 3NA7 801-ORC | -           |                  |
|   |      | 10              | 3NA7 803-ORC | -           |                  |
|   |      | 16              | 3NA7 805-ORC | -           |                  |
|   |      | 20              | 3NA7 807-ORC | -           |                  |
|   |      | 25              | 3NA7 810-ORC | -           |                  |
|   |      | 32              | 3NA7 812-ORC | -           |                  |
|   |      | 40              | 3NA7 817-ORC | -           |                  |
|   |      | 50              | 3NA7 820-ORC | -           |                  |
|  | 00   | 63              | 3NA7 822-ORC | -           |                  |
|   |      | 80              | 3NA7 824-ORC | -           |                  |
|   |      | 100             | 3NA7 830-ORC | -           |                  |
|   |      | 125             | 3NA7 832-ORC | -           |                  |
|  | 1    | 160             | 3NA7 836-ORC | -           | 1/3              |
|   |      | 50              | 3NA7 120-ORC | -           |                  |
|   |      | 63              | 3NA7 122-ORC | -           |                  |
|   |      | 80              | 3NA7 124-ORC | -           |                  |
|   |      | 100             | 3NA7 130-ORC | -           |                  |
|   |      | 125             | 3NA7 132-ORC | -           |                  |
|   |      | 160             | 3NA7 136-ORC | -           |                  |
|   |      | 200             | 3NA7 140-ORC | -           |                  |
|   |      | 224             | 3NA7 142-ORC | -           |                  |
|   |      | 250             | 3NA7 144-ORC | -           |                  |


# 400 & 800A fuses - Rated voltage at 415 V AC

Note: \* MRP - Maximum Retail Price

@ Kindly refer latest Power Distribution Products Price List for prices





|   | Size | Rated current A  | Reference No | Unit MRP* ₹ | Std. Pkg. (Nos.) |
|---|------|------------------|--------------|-------------|------------------|
|  | 2    | 200              | 3NA7 240-ORC | -           | 1/3              |
|   |      | 250              | 3NA7 244-ORC | -           |                  |
|   |      | 315              | 3NA7 252-ORC | -           |                  |
|   |      | 400 <sup>#</sup> | 3NA7 260-ORC | -           |                  |
|  | 3    | 315              | 3NA3 352-ORC | -           | 1/3              |
|   |      | 400              | 3NA3 360-ORC | -           |                  |
|   |      | 500              | 3NA3 365-ORC | -           |                  |
|   |      | 630              | 3NA3 372-ORC | -           |                  |
|   |      | 800 <sup>#</sup> | 3NA3 375-4RC | -           |                  |

### BS Fuses

|   | Type       | Rated current A | Reference No | Unit MRP* ₹ | Std. Pkg. (Nos.) |
|---|------------|-----------------|--------------|-------------|------------------|
|  | Offset Tag | 2               | 3NW TIA2     | -           | 20               |
|   |            | 4               | 3NW TIA4     | -           |                  |
|   |            | 6               | 3NW TIA6     | -           |                  |
|   |            | 10              | 3NW TIA10    | -           |                  |
|   |            | 16              | 3NW TIA16    | -           |                  |
|   |            | 20              | 3NW TIA20    | -           |                  |
|   |            | 25              | 3NW TIA25    | -           |                  |
|   |            | 32              | 3NW TIA32    | -           |                  |
|   |            | 40              | 3NW TIS40    | -           |                  |
|   |            | 50              | 3NW TIS50    | -           |                  |
|   |            | 63              | 3NW TIS63    | -           |                  |

## Available till stocks last

### Betagard Distribution Boards 8GB31

|  | Item Description      | Incoming Slots (MW) | Outgoing Slots (MW) | Total Slots (MW) | Reference No | Unit MRP* ₹      | Std. Pkg.** (Nos.) |
|--|-----------------------|---------------------|---------------------|------------------|--------------|------------------|--------------------|
| <b>Betaflex (Flexi DBs), IP42 :</b>  |                       |                     |                     |                  |              |                  |                    |
|   | 2Row x 12Mod          | —                   | —                   | 24               | 8GB31424RC   | Price on request | 1                  |
|  | 2Row x 16Mod          | —                   | —                   | 32               | 8GB31426RC   |                  | 1                  |
|  | 4Row x 6Mod           | —                   | —                   | 24               | 8GB31441RC   |                  | 1                  |
|  | 4Row x 8Mod           | —                   | —                   | 32               | 8GB31442RC   |                  | 1                  |
|  | 4Row x 10Mod          | —                   | —                   | 40               | 8GB31443RC   |                  | 1                  |
|  | 4Row x 12Mod          | —                   | —                   | 48               | 8GB31444RC   |                  | 1                  |
|  | 4Row x 16Mod          | —                   | —                   | 64               | 8GB31446RC   |                  | 1                  |
| <b>Betabus (Vertical Busbar DBs with MCB as an incomer), IP42 :<br/>(Suitable for 5SL/5SP MCBs, upto 125A as an incomer)</b>         |                       |                     |                     |                  |              |                  |                    |
|   | 4 way                 | 12                  | 12                  | 24               | 8GB31471RC   | Price on request | 1                  |
|  | 6 way                 | 12                  | 18                  | 30               | 8GB31473RC   |                  | 1                  |
|  | 8 way                 | 12                  | 24                  | 36               | 8GB31474RC   |                  | 1                  |
|  | 12 way                | 12                  | 36                  | 48               | 8GB31477RC   |                  | 1                  |
| <b>Betabusplus (Vertical Busbar DBs with MCCB as an incomer), IP42 :<br/>(Suitable for 3VT1/3VA1 MCCBs, upto 160A as an incomer)</b> |                       |                     |                     |                  |              |                  |                    |
|   | 4 way                 | 12                  | 12                  | 24               | 8GB31571RC   | Price on request | 1                  |
|  | 6 way                 | 12                  | 18                  | 30               | 8GB31572RC   |                  | 1                  |
|  | 8 way                 | 12                  | 24                  | 36               | 8GB31573RC   |                  | 1                  |
|  | 12 way                | 12                  | 36                  | 48               | 8GB31574RC   |                  | 1                  |
| <b>BetaMulti (DBs for power &amp; communication), IP42 :</b>   |                       |                     |                     |                  |              |                  |                    |
|   | 12 way SPN, provision | 2                   | 12                  | 14               | 8GB31215RC   | Price on request | 1                  |
|  | 4 Way TPN, Provision  | 8                   | 12                  | 20               | 8GB31220RC   |                  | 1                  |
|  | 6 way TPN, provision  | 8                   | 18                  | 26               | 8GB31221RC   |                  | 1                  |
|  | 8 Way TPN Provision   | 8                   | 24                  | 32               | 8GB31222RC   |                  | 1                  |

Available till stocks last






Note:

\* MRP - Maximum Retail Price


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

## Available till stocks last

### Betagard Distribution Boards 8GB31

|   | Item Description            | Incoming Slots (MW) | Outgoing Slots (MW) | Total Slots (MW) | Reference No  | Unit MRP* ₹      | Std. Pkg.** (Nos.) |
|---|-----------------------------|---------------------|---------------------|------------------|---------------|------------------|--------------------|
| <b>Beta CO (DBs with built-in pre-wired phase changeover switches), IP42 :</b>      |                             |                     |                     |                  |               |                  |                    |
|    | 40 A, 4 Way TPN, built-in   | 8                   | 12                  | 20               | 8GB31850RC    | Price on request | 1                  |
|   | 40 A, 6 Way TPN, built-in   | 8                   | 18                  | 26               | 8GB31851RC    |                  | 1                  |
|   | 40 A, 8 Way TPN, built-in   | 8                   | 24                  | 32               | 8GB31852RC    |                  | 1                  |
|   | 40 A, 12 Way TPN, built-in  | 8                   | 36                  | 44               | 8GB31854RC    |                  | 1                  |
|   | 63 A, 4 Way TPN, built-in   | 8                   | 12                  | 20               | 8GB31860RC    |                  | 1                  |
|   | 63 A, 6 Way TPN, built-in   | 8                   | 18                  | 26               | 8GB31861RC    |                  | 1                  |
|   | 63 A, 8 Way TPN, built-in   | 8                   | 24                  | 32               | 8GB31862RC    |                  | 1                  |
|   | 63 A, 12 Way TPN, built-in  | 8                   | 36                  | 44               | 8GB31864RC    |                  | 1                  |
| <b>Wire Way Boxes (WWB)</b>   |                             |                     |                     |                  |               |                  |                    |
|    | WWB for Flexi DB, 8Mod      | —                   | —                   | —                | 8GB9908FWWNT  | Price on request | 1/5                |
|   | WWB for Flexi DB, 12Mod     | —                   | —                   | —                | 8GB9912FWWNT  |                  | 1/5                |
|   | WWB for Flexi DB, 16Mod     | —                   | —                   | —                | 8GB9916FWWNT  |                  | 1/5                |
|   | WWB for Bus DB              | —                   | —                   | —                | 8GB99BUSWWNT  |                  | 1/5                |
|   | WWB for Bus Plus DB         | —                   | —                   | —                | 8GB99PLUSWWNT |                  | 1/5                |
| <b>Modular Device Boxes (MDB)</b>   |                             |                     |                     |                  |               |                  |                    |
|  | MDB for Flexi DB, 8Mod/Row  | —                   | —                   | 8                | 8GB9908FMDTC  | Price on request | 1/5                |
|   | MDB for Flexi DB, 12Mod/Row | —                   | —                   | 12               | 8GB9912FMDTC  |                  | 1/5                |
|   | MDB for Flexi DB, 16Mod/Row | —                   | —                   | 16               | 8GB9916FMDTC  |                  | 1/5                |
|   | MDB for Bus DB              | —                   | —                   | 12               | 8GB99BUSMBTC  |                  | 1/5                |
|   | MDB for Bus Plus DB         | —                   | —                   | 12               | 8GB99PLUSMBTC |                  | 1/5                |
| <b>BetaMulti (DBs for power &amp; communication), IP42 :</b>                        |                             |                     |                     |                  |               |                  |                    |
|  | 12 way SPN, built-in        | 2                   | 12                  | 14               | 8GB31315RC    | Price on request | 1                  |
|   | 4 Way TPN, Built-in         | 8                   | 12                  | 20               | 8GB31320RC    |                  | 1                  |
|   | 6 way TPN, built-in         | 8                   | 18                  | 26               | 8GB31321RC    |                  | 1                  |
|   | 8 Way TPN, Built-in         | 8                   | 24                  | 32               | 8GB31322RC    |                  | 1                  |
| <b>Beta CO (DBs with provision for phase changeover switches), IP42 :</b>           |                             |                     |                     |                  |               |                  |                    |
|  | 4 way, with provision       | 8                   | 12                  | 20               | 8GB31840RC    | Price on request | 1                  |
|   | 6 way, with provision       | 8                   | 18                  | 26               | 8GB31841RC    |                  | 1                  |
|   | 8 way, with provision       | 8                   | 24                  | 32               | 8GB31842RC    |                  | 1                  |
|   | 12 way, with provision      | 8                   | 36                  | 44               | 8GB31844RC    |                  | 1                  |

### Betagard Distribution Boards Accessories

|   | Item Description | Reference No | Unit MRP* ₹      | Std. Pkg.** (Nos.) |
|---|------------------|--------------|------------------|--------------------|
| <b>Blanking Plate</b>   |                  |              |                  |                    |
|  | 1.5 MW           | 8GB9902      | Price on request | 25                 |

Note:

\* MRP - Maximum Retail Price

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

# Discontinued Products

## Betagard Residual Current Circuit Breakers 8GB0

| Reference No. | Reference No. | Reference No. | Reference No. |
|---------------|---------------|---------------|---------------|
| 8GB0004       | 8GB0404HRC    | 8GB0412VRC    | 8GB0409VRC    |
| 8GB0006       | 8GB0406HRC    | 8GB0405HRC    | 8GB0413VRC    |
| 8GB0204RC     | 8GB0408HRC    | 8GB0407HRC    | 8GB0504       |
| 8GB0206RC     | 8GB0412HRC    | 8GB0409HRC    | 8GB0506       |
| 8GB0208RC     | 8GB0404VRC    | 8GB0413HRC    | 8GB0508       |
| 8GB0212RC     | 8GB0406VRC    | 8GB0405VRC    | 8GB0512       |
| 8GB0214RC     | 8GB0408VRC    | 8GB0407VRC    |               |

## Betagard Residual Current Circuit Breakers 5SM3

| Reference No. | Reference No. | Reference No. | Reference No. |
|---------------|---------------|---------------|---------------|
| 5SM33480RC    | 5SM36480RC    | 5SM33456RC    | 5SM36456RC    |
| 5SM33450RC    | 5SM36450RC    | 5SM34486RC    | 5SM37456RC    |
| 5SM34480RC    | 5SM37450RC    | 5SM34456RC    |               |
| 5SM34450RC    | 5SM33486RC    | 5SM36486RC    |               |

## Auxiliary contact block for 5SM3 100-125A 4pole 1NO+1NC

| Reference No. |
|---------------|
| 5SW3330       |

## Terms and Conditions

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

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

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

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

### Stock items

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

### Note

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

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

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





# 7KT PAC1200

Multichannel current measuring system for flexible multichannel monitoring in final distribution

#### Current Sensors

- Versions: 40 A, 63 A

#### Sensor Bar

- Versions available for 3, 6, 9, 12

#### Data Manager

- Connection of up to 96 sensors (40A/63A)
- DIN rail installation (4MW)

#### Communication/ Software:

- Modbus TCP/ IP
- Simple system onfiguration via web server
- Easy access to energy data with mobile app (iOS/Android)

\*For more details, contact nearest Siemens Sales Office

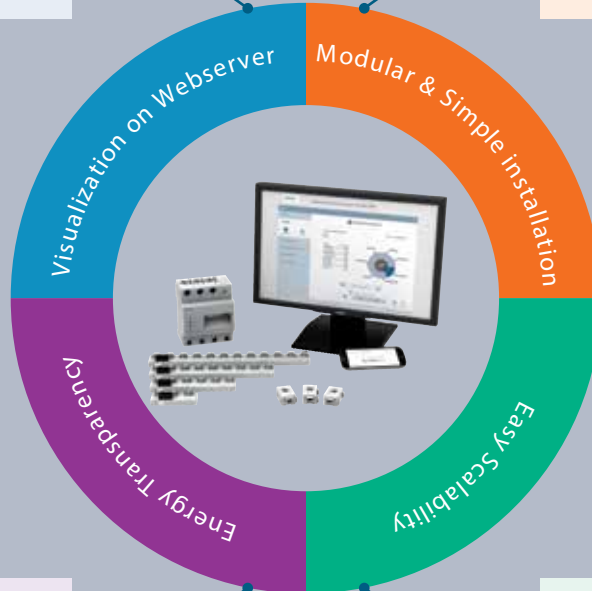
[siemens.com/powermonitoring](http://siemens.com/powermonitoring)

**SIEMENS**

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

- Flexible sensor bars and current sensors to record up to 96 circuits in one system
- Current sensors simply plug onto the sensor bars, eliminating extensive wiring

**fast**



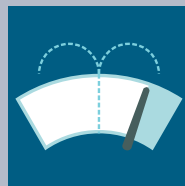
**plug  
and  
play**

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

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



**Easy**



**Transparent**



**Cost-efficient**



## Relevant Standards

| Title   | IS         | IEC           | Products |      |      |     |      |     |      |      |
|---|------------|---------------|----------|------|------|-----|------|-----|------|------|
|   |            |               | MCB      |      | RCCB |     | RCBO | DB  | AFDD | SPD  |
|   |            |               | 5SL4/6/7 | 5SL5 | 5SV  | 5SM | 5SU1 | 8GB | 5SM6 | 5SD7 |
| Electric Installations – MCBs for Building Installations and Similar Purposes<br>Part 1: MCBs for AC Systems  | IS 60898-1 | IEC 60898-1   | ✓        | –    | –    | –   | –    | –   | –    | –    |
| Low-voltage switchgear and controlgear<br>Part 2: Circuit-breakers  | IS 60947-2 | IEC 60947-2   | –        | ✓    | –    | –   | –    | –   | –    | –    |
| Residual Current Operated Circuit-Breakers for Household and Similar Uses, Part 1: Circuit-Breakers Without Integral Overcurrent Protection (RCCBs) | IS 12640-1 | IEC 61008-1   | –        | –    | ✓    | ✓   | –    | –   | –    | –    |
| Residual Current Operated Circuit-Breaking for Household and Similar Uses, Part 2: Circuit-Breakers with Integral Overcurrent Protection (RCBOs)    | IS 12640-2 | IEC 61009-1   | –        | –    | –    | –   | ✓    | –   | –    | –    |
| General requirements for arc fault detection devices  | –          | IEC 62606     | –        | –    | –    | –   | –    | ✓   | –    | –    |
| Low-voltage switchgear and controlgear assemblies, Part 2: Power switchgear and controlgear assemblies  | –          | IEC 61439-1/3 | –        | –    | –    | –   | –    | ✓   | –    | –    |
| Surge protective devices connected to low-voltage power systems   | –          | IEC 61643-11  | –        | –    | –    | –   | –    | –   | –    | ✓    |



## Degree of Protection

| First digit:<br>Protection against solid foreign objects |   | Second digit:<br>Protection against ingress of water |   |
|--|---|--|---|
|  | 0 No protection   |  | 0 No protection   |
|  | 1 Protected against solid objects up to 50mm (e.g. hand)                  |  | 1 Protection against vertically falling drops of water (e.g. condensation)  |
|  | 2 Protected against solid objects up to 12mm diameter (e.g. finger)       |  | 2 Protection against direct sprays of water up to 15 degrees from vertical  |
|  | 3 Protected against solid objects up to 2.5mm diameter (e.g. screwdriver) |  | 3 Protection against direct sprays of water up to 60 degrees from vertical  |
|  | 4 Protected against solid objects up to 1mm diameter (e.g. wire)          |  | 4 Protection against water sprayed from all directions, limited ingress permitted   |
|  | 5 Protected against dust: limited ingress permitted, no harmful deposit.  |  | 5 Protected against low-pressure jets of water from all directions, limited ingress permitted   |
|  | 6 Totally protected against dust  |  | 6 Protected against strong jets of water from all directions, limited ingress permitted (e.g. water from heavy seas on a ship's deck) |
|  |   |  | 7 Protected against the effect of temporary immersion (30 min) between 15cm and 1m  |
|  |   |  | 8 Protected against long period of immersion under pressure   |
|  |   |  | 9 Protected against high pressure, high temperature jets of water from multiple directions  |

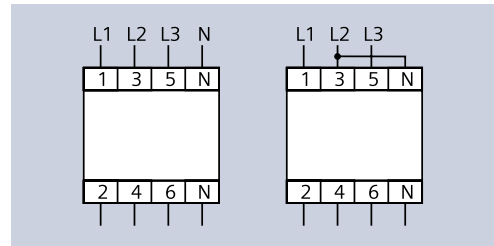


## Installation Guideline for RCCB

### RCCB suitability for various distribution networks.

Betagard RCCBs can be used in all 3 distribution network types viz. TN, TT & an IT network system. 4 pole RCCBs can also be used in 3 pole supply networks by adhering to installation guidelines. In this case, connection must be at terminals 1, 3 and 5 and 2, 4 and 6.

The function of the test equipment is only ensured if a jumper is fitted between terminals 3 and N.



### Types and waveform

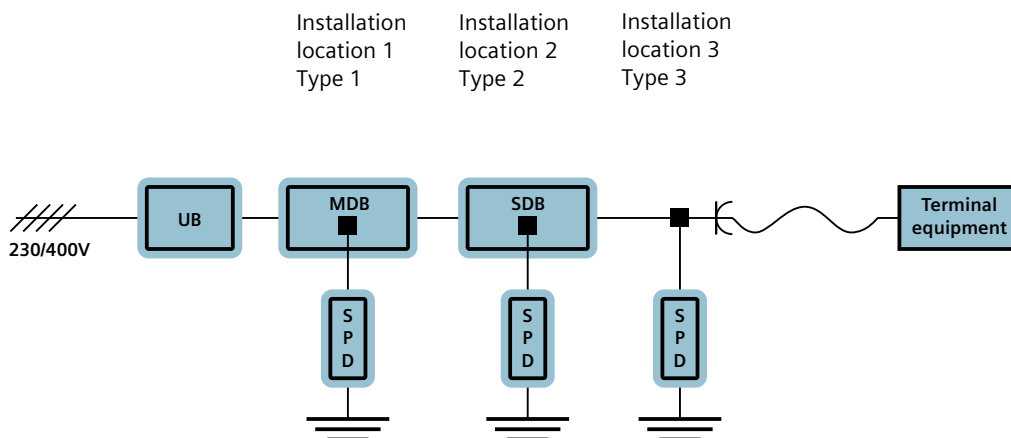
|         |  |   |   |   | 6 mA | 10 mA |   |   |
|---------|--|---|---|---|------|-------|---|---|
| Type AC |  | ■ | - | - | -    | -     | - | - |
| Type A  |  | ■ | ■ | ■ | ■    | -     | - | - |
| Type F  |  | ■ | ■ | ■ | ■    | ■     | ■ | - |
| Type B  |  | ■ | ■ | ■ | ■    | ■     | ■ | ■ |
| Type B+ |  | ■ | ■ | ■ | ■    | ■     | ■ | ■ |

### Version

|           |  |
|-----------|--|
| SIGRES    | with active condensation protection for use in severe ambient conditions   |
| [G] / [K] | super-resistant, 10 ms short-term delayed devices with increased immunity to false triggering due to transient disruptions |
| [S]       | as an upstream group switch for selective shutdown against downstream RCCBs  |



## Installation locations for Surge Protection Devices (SPDs)



UB: Utility Box

MDB: Main distribution board

SDB: Sub Distribution board

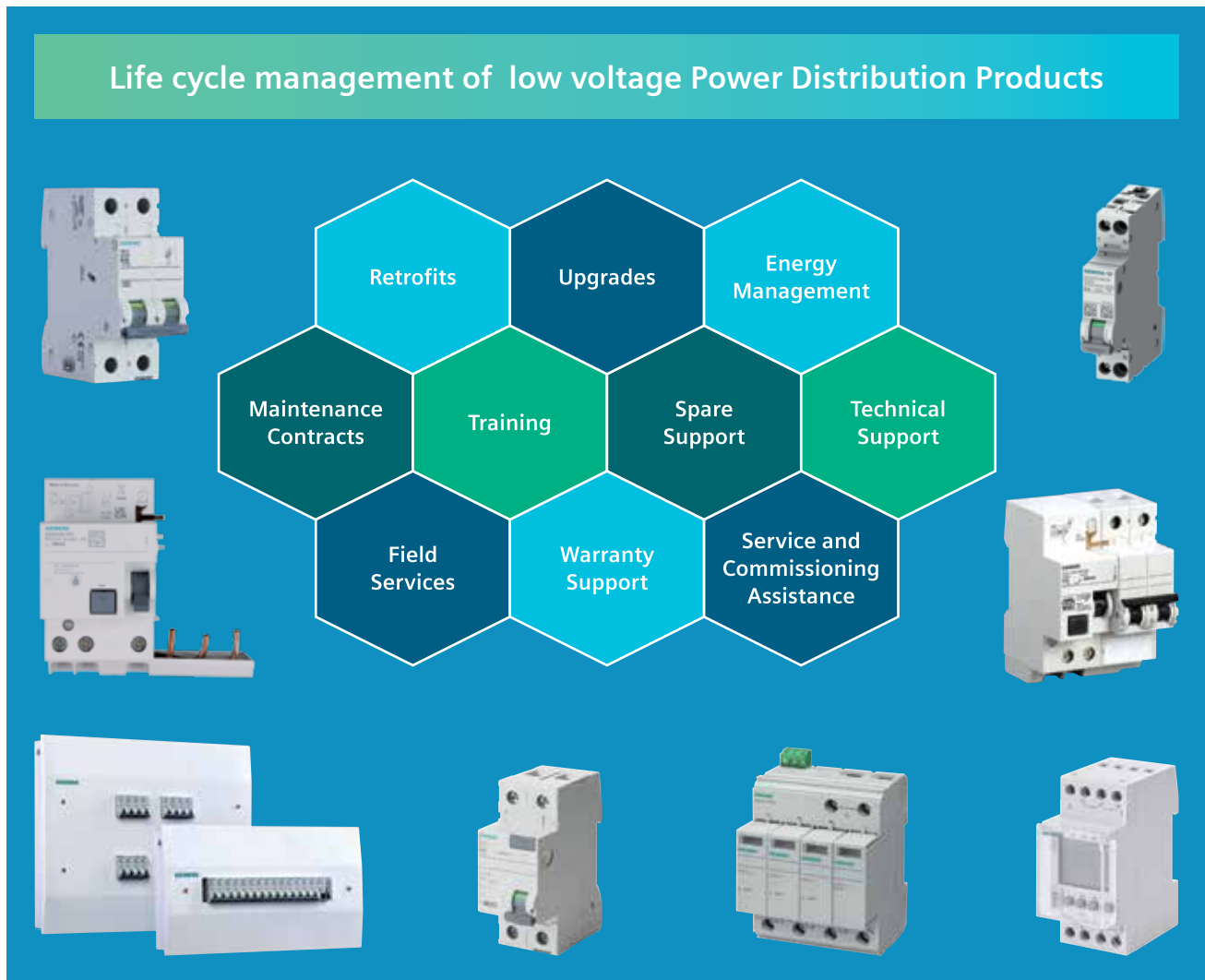
Installation location 1 must be as close as possible to the supply point for the electrical system, so that the downstream installations are protected. The SPDs at installation locations 2 and 3 shall not be used without SPDs at installation location 1, and they must be coordinated with these SPDs (i.e. SPDs all from the same manufacturer).



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