



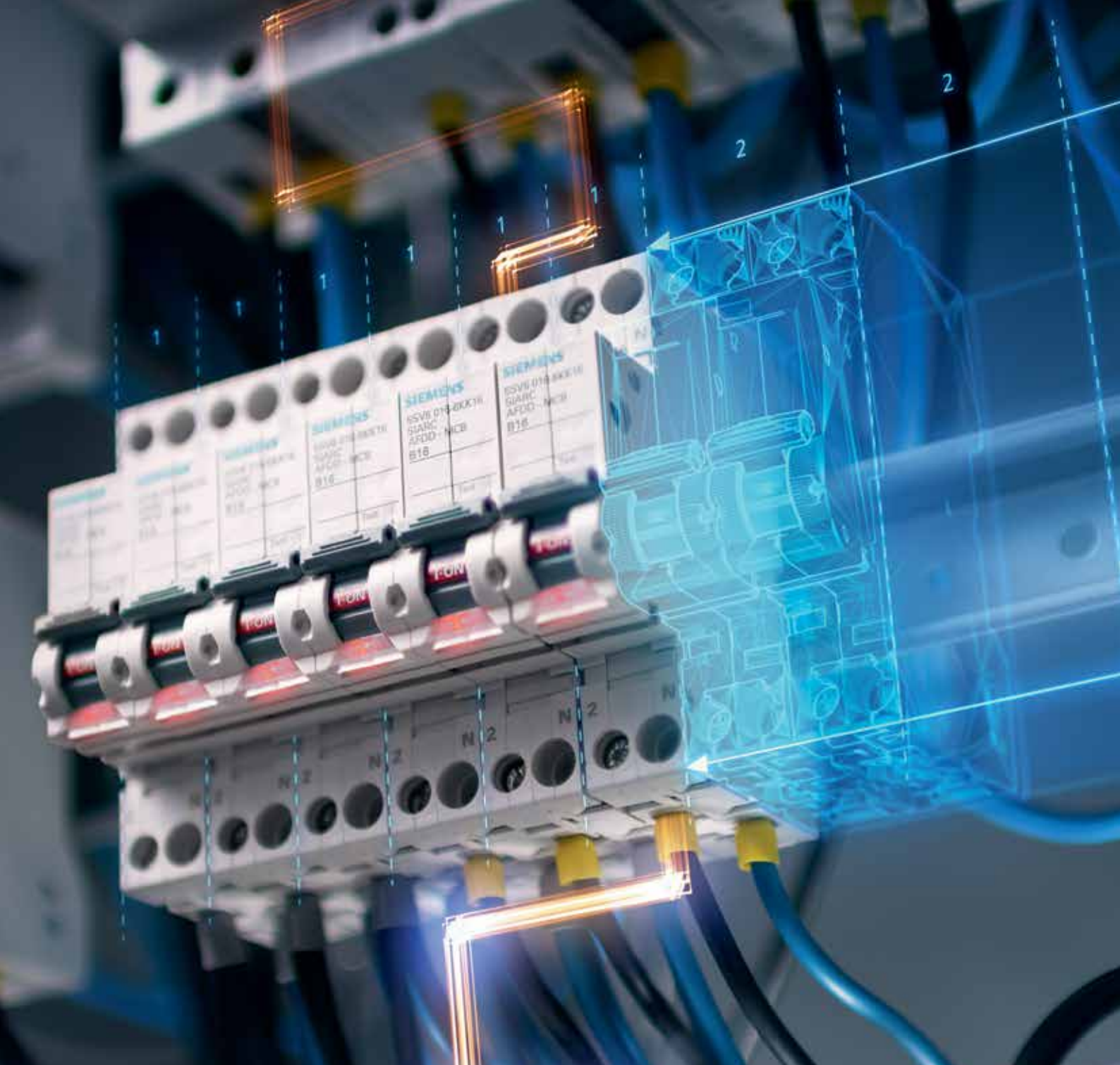
SIEMENS

Ingenuity for life

Our commitment is
your safe future

Electrical Installations from A to Z

Price List w.e.f. 1st February, 2021



Reliable protection by preventing electrical fires

With Arc Fault Detection Device

- + Reliably detecting and shutting down hazardous arcing faults. Lower probability of electrical fires
- + Unique compact 1 module width AFDD with integrated MCB or RCBO. Easy for modification in existing installation
- + Self-test function checks the functionality of device everyday and intelligent algorithms to prevent nuisance tripping due to switching arc

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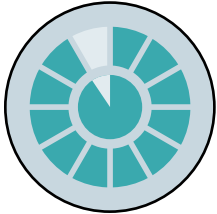


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Betagard 5SL MCBs – Inspiring Safety



Terminal covers for protection



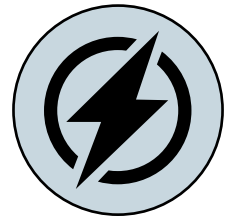
High Endurance Cycle



Ergonomic Handle for Identification



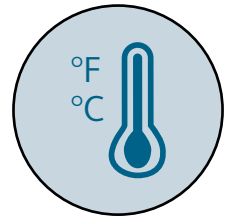
High Breaking capacity (Icn)



Very low watt loss

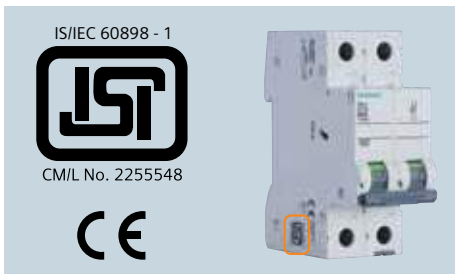


High ambient temperature

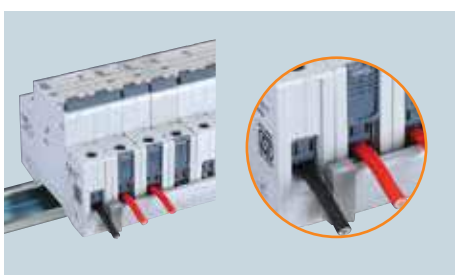


With SLR

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







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



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

Betagard Miniature Circuit Breakers 5SL6, with C Characteristics

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

| 7500A | Rated Current I_n (A) | MW [#] | Reference No | Unit MRP* ₹ | Std. Pkg. ** (Nos.) | |
|---|---|-----------------|--------------|----------------|------------------------|-----|
|  | 1P, 240/415V AC | 1 | 5SL61057RC | 411.- | 1/12 | |
| | 0.5 | 1 | 5SL61017RC | 411.- | 1/12 | |
| | 1 | 1 | 5SL61027RC | 411.- | 1/12 | |
| | 2 | 1 | 5SL61037RC | 411.- | 1/12 | |
| | 3 | 1 | 5SL61047RC | 411.- | 1/12 | |
| | 4 | 1 | 5SL61067RC | 254.- | 1/12 | |
| | 6 | 1 | 5SL61087RC | 254.- | 1/12 | |
| | 8 | 1 | 5SL61107RC | 254.- | 1/12 | |
| | 10 | 1 | 5SL61137RC | 254.- | 1/12 | |
| | 13 | 1 | 5SL61167RC | 254.- | 1/12 | |
| | 16 | 1 | 5SL61207RC | 254.- | 1/12 | |
| | 20 | 1 | 5SL61257RC | 254.- | 1/12 | |
| | 25 | 1 | 5SL61327RC | 254.- | 1/12 | |
| | 32 | 1 | 5SL61407RC | 555.- | 1/12 | |
| | 40 | 1 | 5SL61507RC | 645.- | 1/12 | |
| | 50 | 1 | 5SL61637RC | 645.- | 1/12 | |
|  | 2P, 415V AC | 2 | 5SL62057RC | 1098.- | 1/6 | |
| | 0.5 | 2 | 5SL62017RC | 1098.- | 1/6 | |
| | 1 | 2 | 5SL62027RC | 1098.- | 1/6 | |
| | 2 | 2 | 5SL62037RC | 1098.- | 1/6 | |
| | 3 | 2 | 5SL62047RC | 1098.- | 1/6 | |
| | 4 | 2 | 5SL62067RC | 822.- | 1/6 | |
| | 6 | 2 | 5SL62087RC | 822.- | 1/6 | |
| | 8 | 2 | 5SL62107RC | 822.- | 1/6 | |
| | 10 | 2 | 5SL62137RC | 822.- | 1/6 | |
| | 13 | 2 | 5SL62167RC | 822.- | 1/6 | |
| | 16 | 2 | 5SL62207RC | 822.- | 1/6 | |
| | 20 | 2 | 5SL62257RC | 822.- | 1/6 | |
| | 25 | 2 | 5SL62327RC | 822.- | 1/6 | |
| | 32 | 2 | 5SL62407RC | 1133.- | 1/6 | |
| | 40 | 2 | 5SL62507RC | 1342.- | 1/6 | |
| | 50 | 2 | 5SL62637RC | 1342.- | 1/6 | |
|  | 3P, 415V AC | 3 | 5SL63057RC | 1542.- | 1/4 | |
| | 0.5 | 3 | 5SL63017RC | 1542.- | 1/4 | |
| | 1 | 3 | 5SL63027RC | 1542.- | 1/4 | |
| | 2 | 3 | 5SL63047RC | 1542.- | 1/4 | |
| | 4 | 3 | 5SL63067RC | 1224.- | 1/4 | |
| | 6 | 3 | 5SL63107RC | 1224.- | 1/4 | |
| | 10 | 3 | 5SL63167RC | 1224.- | 1/4 | |
| | 16 | 3 | 5SL63207RC | 1224.- | 1/4 | |
| | 20 | 3 | 5SL63257RC | 1224.- | 1/4 | |
| | 25 | 3 | 5SL63327RC | 1224.- | 1/4 | |
| | 32 | 3 | 5SL63407RC | 1713.- | 1/4 | |
| | 40 | 3 | 5SL63507RC | 1913.- | 1/4 | |
| | 50 | 3 | 5SL63637RC | 1913.- | 1/4 | |
| | 63 | 3 | | | | |
| |  | 4P, 415V AC | 4 | 5SL64057RC | 2129.- | 1/3 |
| | | 0.5 | 4 | 5SL64017RC | 2129.- | 1/3 |
| 1 | | 4 | 5SL64027RC | 2129.- | 1/3 | |
| 2 | | 4 | 5SL64047RC | 2129.- | 1/3 | |
| 4 | | 4 | 5SL64067RC | 1692.- | 1/3 | |
| 6 | | 4 | 5SL64107RC | 1692.- | 1/3 | |
| 10 | | 4 | 5SL64167RC | 1692.- | 1/3 | |
| 16 | | 4 | 5SL64207RC | 1692.- | 1/3 | |
| 20 | | 4 | 5SL64257RC | 1692.- | 1/3 | |
| 25 | | 4 | 5SL64327RC | 1692.- | 1/3 | |
| 32 | | 4 | 5SL64407RC | 2206.- | 1/3 | |
| 40 | | 4 | 5SL64507RC | 2532.- | 1/3 | |
| 50 | | 4 | 5SL64637RC | 2532.- | 1/3 | |
| 63 | | 4 | | | | |

■ Stock items

Note:

* MRP - Maximum Retail Price

1MW (Module Width) = 18mm





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

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

Betagard Miniature Circuit Breakers 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 I_n (A) | MW# | Reference No | Unit MRP* ₹ | Std. Pkg.** (Nos.) |
|--|--|-----|--------------|----------------|-----------------------|
| 1P, 240/415V AC  | 6 | 1 | 5SL61066RC | 248.- | 1/12 |
| | 10 | | 5SL61106RC | 248.- | 1/12 |
| | 16 | | 5SL61166RC | 248.- | 1/12 |
| | 20 | | 5SL61206RC | 248.- | 1/12 |
| | 25 | | 5SL61256RC | 248.- | 1/12 |
| | 32 | | 5SL61326RC | 248.- | 1/12 |
| | 40 | | 5SL61406RC | 553.- | 1/12 |
| | 50 | | 5SL61506RC | 621.- | 1/12 |
| | 63 | | 5SL61636RC | 621.- | 1/12 |
| 2P, 415V AC  | 6 | 2 | 5SL62066RC | 805.- | 1/6 |
| | 10 | | 5SL62106RC | 805.- | 1/6 |
| | 16 | | 5SL62166RC | 805.- | 1/6 |
| | 20 | | 5SL62206RC | 805.- | 1/6 |
| | 25 | | 5SL62256RC | 805.- | 1/6 |
| | 32 | | 5SL62326RC | 805.- | 1/6 |
| | 40 | | 5SL62406RC | 1133.- | 1/6 |
| | 50 | | 5SL62506RC | 1332.- | 1/6 |
| | 63 | | 5SL62636RC | 1332.- | 1/6 |
| | 3P, 415V AC  | 6 | 3 | 5SL63066RC | 1224.- |
| 10 | | | 5SL63106RC | 1224.- | 1/4 |
| 16 | | | 5SL63166RC | 1224.- | 1/4 |
| 20 | | | 5SL63206RC | 1224.- | 1/4 |
| 25 | | | 5SL63256RC | 1224.- | 1/4 |
| 32 | | | 5SL63326RC | 1224.- | 1/4 |
| 40 | | | 5SL63406RC | 1690.- | 1/4 |
| 50 | | | 5SL63506RC | 1896.- | 1/4 |
| 63 | | | 5SL63636RC | 1896.- | 1/4 |
| 4P, 415V AC  | | 6 | 4 | 5SL64066RC | 1683.- |
| | 10 | | 5SL64106RC | 1683.- | 1/3 |
| | 16 | | 5SL64166RC | 1683.- | 1/3 |
| | 20 | | 5SL64206RC | 1683.- | 1/3 |
| | 25 | | 5SL64256RC | 1683.- | 1/3 |
| | 32 | | 5SL64326RC | 1683.- | 1/3 |
| | 40 | | 5SL64406RC | 2100.- | 1/3 |
| | 50 | | 5SL64506RC | 2524.- | 1/3 |
| | 63 | | 5SL64636RC | 2524.- | 1/3 |

■ Stock items

Note:





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

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



Betagard Miniature Circuit Breakers 5SL4, with C characteristics

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

| 10000A | Rated Current I_n (A) | MW# | Reference No | Unit MRP* ₹ | Std. Pkg.** (Nos.) | |
|---|----------------------------|------------|--------------|----------------|-----------------------|------|
|  | 1P, 240/415V AC | 0.5 | 1 | 5SL41057RC | 467.- | 1/12 |
| | 2 | 5SL41027RC | 467.- | 1/12 | | |
| | 3 | 5SL41037RC | 467.- | 1/12 | | |
| | 4 | 5SL41047RC | 467.- | 1/12 | | |
| | 6 | 5SL41067RC | 303.- | 1/12 | | |
| | 8 | 5SL41087RC | 303.- | 1/12 | | |
| | 10 | 5SL41107RC | 303.- | 1/12 | | |
| | 13 | 5SL41137RC | 303.- | 1/12 | | |
| | 16 | 5SL41167RC | 303.- | 1/12 | | |
| | 20 | 5SL41207RC | 303.- | 1/12 | | |
| | 25 | 5SL41257RC | 303.- | 1/12 | | |
| | 32 | 5SL41327RC | 303.- | 1/12 | | |
| | 40 | 5SL41407RC | 660.- | 1/12 | | |
| | 50 | 5SL41507RC | 660.- | 1/12 | | |
| 63 | 5SL41637RC | 660.- | 1/12 | | | |
|  | 2P, 415V AC | 0.5 | 2 | 5SL42057RC | 1253.- | 1/6 |
| | 2 | 5SL42027RC | 1253.- | 1/6 | | |
| | 3 | 5SL42037RC | 1253.- | 1/6 | | |
| | 4 | 5SL42047RC | 1253.- | 1/6 | | |
| | 6 | 5SL42067RC | 898.- | 1/6 | | |
| | 8 | 5SL42087RC | 898.- | 1/6 | | |
| | 10 | 5SL42107RC | 898.- | 1/6 | | |
| | 13 | 5SL42137RC | 898.- | 1/6 | | |
| | 16 | 5SL42167RC | 898.- | 1/6 | | |
| | 20 | 5SL42207RC | 898.- | 1/6 | | |
| | 25 | 5SL42257RC | 898.- | 1/6 | | |
| | 32 | 5SL42327RC | 898.- | 1/6 | | |
| | 40 | 5SL42407RC | 1449.- | 1/6 | | |
| | 50 | 5SL42507RC | 1449.- | 1/6 | | |
| 63 | 5SL42637RC | 1449.- | 1/6 | | | |
|  | 3P, 415V AC | 0.5 | 3 | 5SL43057RC | 2024.- | 1/4 |
| | 2 | 5SL43027RC | 2024.- | 1/4 | | |
| | 3 | 5SL43037RC | 2024.- | 1/4 | | |
| | 4 | 5SL43047RC | 2024.- | 1/4 | | |
| | 6 | 5SL43067RC | 1508.- | 1/4 | | |
| | 8 | 5SL43087RC | 1508.- | 1/4 | | |
| | 10 | 5SL43107RC | 1508.- | 1/4 | | |
| | 13 | 5SL43137RC | 1508.- | 1/4 | | |
| | 16 | 5SL43167RC | 1508.- | 1/4 | | |
| | 20 | 5SL43207RC | 1508.- | 1/4 | | |
| | 25 | 5SL43257RC | 1508.- | 1/4 | | |
| | 32 | 5SL43327RC | 1508.- | 1/4 | | |
| | 40 | 5SL43407RC | 2282.- | 1/4 | | |
| | 50 | 5SL43507RC | 2282.- | 1/4 | | |
| 63 | 5SL43637RC | 2282.- | 1/4 | | | |
|  | 4P, 415V AC | 0.5 | 4 | 5SL44057RC | 2546.- | 1/3 |
| | 2 | 5SL44027RC | 2546.- | 1/3 | | |
| | 3 | 5SL44037RC | 2546.- | 1/3 | | |
| | 4 | 5SL44047RC | 2546.- | 1/3 | | |
| | 6 | 5SL44067RC | 2089.- | 1/3 | | |
| | 8 | 5SL44087RC | 2089.- | 1/3 | | |
| | 10 | 5SL44107RC | 2089.- | 1/3 | | |
| | 13 | 5SL44137RC | 2089.- | 1/3 | | |
| | 16 | 5SL44167RC | 2089.- | 1/3 | | |
| | 20 | 5SL44207RC | 2089.- | 1/3 | | |
| | 25 | 5SL44257RC | 2089.- | 1/3 | | |
| | 32 | 5SL44327RC | 2089.- | 1/3 | | |
| | 40 | 5SL44407RC | 2849.- | 1/3 | | |
| | 50 | 5SL44507RC | 2849.- | 1/3 | | |
| 63 | 5SL44637RC | 2849.- | 1/3 | | | |

■ Stock items

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

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

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

Betagard Miniature Circuit Breakers 5SL7, with C characteristics



- Standards: IS/IEC 60898-1:2015
- Voltage: Un 240/415V, 50....60Hz
- Breaking capacity: 15kA¹⁾ as per IS/IEC 60898-1

| | Rated Current I_n (A) | MW# | Reference No | Unit MRP* ₹ | Std. Pkg.** (Nos.) |
|---|----------------------------|-----|--------------|----------------|-----------------------|
| 1P, 240/415V AC  | 2 | 1 | 5SL71027RC | 505.- | 1/12 |
| | 4 | | 5SL71047RC | 505.- | 1/12 |
| | 6 | | 5SL71067RC | 435.- | 1/12 |
| | 10 | | 5SL71107RC | 435.- | 1/12 |
| | 16 | | 5SL71167RC | 435.- | 1/12 |
| | 20 | | 5SL71207RC | 435.- | 1/12 |
| | 25 | | 5SL71257RC | 435.- | 1/12 |
| | 32 | | 5SL71327RC | 435.- | 1/12 |
| | 40 | | 5SL71407RC | 685.- | 1/12 |
| | 50 | | 5SL71507RC | 685.- | 1/12 |
| | 63 | | 5SL71637RC | 685.- | 1/12 |
| 2P, 415V AC  | 2 | 2 | 5SL72027RC | 1360.- | 1/6 |
| | 4 | | 5SL72047RC | 1360.- | 1/6 |
| | 6 | | 5SL72067RC | 990.- | 1/6 |
| | 10 | | 5SL72107RC | 990.- | 1/6 |
| | 16 | | 5SL72167RC | 990.- | 1/6 |
| | 20 | | 5SL72207RC | 990.- | 1/6 |
| | 25 | | 5SL72257RC | 990.- | 1/6 |
| | 32 | | 5SL72327RC | 990.- | 1/6 |
| | 40 | | 5SL72407RC | 1490.- | 1/6 |
| | 50 | | 5SL72507RC | 1490.- | 1/6 |
| | 63 | | 5SL72637RC | 1490.- | 1/6 |
| 3P, 415V AC  | 2 | 3 | 5SL73027RC | 2085.- | 1/4 |
| | 4 | | 5SL73047RC | 2085.- | 1/4 |
| | 6 | | 5SL73067RC | 1570.- | 1/4 |
| | 10 | | 5SL73107RC | 1570.- | 1/4 |
| | 16 | | 5SL73167RC | 1570.- | 1/4 |
| | 20 | | 5SL73207RC | 1570.- | 1/4 |
| | 25 | | 5SL73257RC | 1570.- | 1/4 |
| | 32 | | 5SL73327RC | 1570.- | 1/4 |
| | 40 | | 5SL73407RC | 2345.- | 1/4 |
| | 50 | | 5SL73507RC | 2345.- | 1/4 |
| | 63 | | 5SL73637RC | 2345.- | 1/4 |
| 4P, 415V AC  | 2 | 4 | 5SL74027RC | 2630.- | 1/3 |
| | 4 | | 5SL74047RC | 2630.- | 1/3 |
| | 6 | | 5SL74067RC | 2105.- | 1/3 |
| | 10 | | 5SL74107RC | 2105.- | 1/3 |
| | 16 | | 5SL74167RC | 2105.- | 1/3 |
| | 20 | | 5SL74207RC | 2105.- | 1/3 |
| | 25 | | 5SL74257RC | 2105.- | 1/3 |
| | 32 | | 5SL74327RC | 2105.- | 1/3 |
| | 40 | | 5SL74407RC | 2950.- | 1/3 |
| | 50 | | 5SL74507RC | 2950.- | 1/3 |
| | 63 | | 5SL74637RC | 2950.- | 1/3 |

Note:

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

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

¹⁾ Breaking capacity 63A - 10kA

Betagard Miniature Circuit Breakers 5SL7, with D characteristics

IS/IEC 60898 - 1



CML No. 2255548

- Standards: IS/IEC 60898-1
- Voltage: Un 240/415V, 50....60Hz
- Breaking capacity: 15kA¹⁾ as per IS/IEC 60898-1

| | Rated Current I_n (A) | MW [#] | Reference No | Unit MRP* ₹ | Std. Pkg. ** (Nos.) |
|------------------------|----------------------------|-----------------|--------------|----------------|------------------------|
| 1P, 240/415V AC | | | | | |
| | 2 | 1 | 5SL71028RC | 505.- | 1/12 |
| | 4 | | 5SL71048RC | 505.- | 1/12 |
| | 6 | | 5SL71068RC | 455.- | 1/12 |
| | 10 | | 5SL71108RC | 455.- | 1/12 |
| | 16 | | 5SL71168RC | 455.- | 1/12 |
| | 20 | | 5SL71208RC | 455.- | 1/12 |
| | 25 | | 5SL71258RC | 455.- | 1/12 |
| | 32 | | 5SL71328RC | 455.- | 1/12 |
| | 40 | | 5SL71408RC | 880.- | 1/12 |
| | 50 | | 5SL71508RC | 880.- | 1/12 |
| 63 | 5SL71638RC | 880.- | 1/12 | | |
| 2P, 415V AC | | | | | |
| | 2 | 2 | 5SL72028RC | 1360.- | 1/6 |
| | 4 | | 5SL72048RC | 1360.- | 1/6 |
| | 6 | | 5SL72068RC | 1040.- | 1/6 |
| | 10 | | 5SL72108RC | 1040.- | 1/6 |
| | 16 | | 5SL72168RC | 1040.- | 1/6 |
| | 20 | | 5SL72208RC | 1040.- | 1/6 |
| | 25 | | 5SL72258RC | 1040.- | 1/6 |
| | 32 | | 5SL72328RC | 1040.- | 1/6 |
| | 40 | | 5SL72408RC | 1925.- | 1/6 |
| | 50 | | 5SL72508RC | 1925.- | 1/6 |
| 63 | 5SL72638RC | 1925.- | 1/6 | | |
| 3P, 415V AC | | | | | |
| | 2 | 3 | 5SL73028RC | 2085.- | 1/4 |
| | 4 | | 5SL73048RC | 2085.- | 1/4 |
| | 6 | | 5SL73068RC | 1650.- | 1/4 |
| | 10 | | 5SL73108RC | 1650.- | 1/4 |
| | 16 | | 5SL73168RC | 1650.- | 1/4 |
| | 20 | | 5SL73208RC | 1650.- | 1/4 |
| | 25 | | 5SL73258RC | 1650.- | 1/4 |
| | 32 | | 5SL73328RC | 1650.- | 1/4 |
| | 40 | | 5SL73408RC | 3005.- | 1/4 |
| | 50 | | 5SL73508RC | 3005.- | 1/4 |
| 63 | 5SL73638RC | 3005.- | 1/4 | | |
| 4P, 415V AC | | | | | |
| | 2 | 4 | 5SL74028RC | 2670.- | 1/3 |
| | 4 | | 5SL74048RC | 2670.- | 1/3 |
| | 6 | | 5SL74068RC | 2185.- | 1/3 |
| | 10 | | 5SL74108RC | 2185.- | 1/3 |
| | 16 | | 5SL74168RC | 2185.- | 1/3 |
| | 20 | | 5SL74208RC | 2185.- | 1/3 |
| | 25 | | 5SL74258RC | 2185.- | 1/3 |
| | 32 | | 5SL74328RC | 2185.- | 1/3 |
| | 40 | | 5SL74408RC | 3770.- | 1/3 |
| | 50 | | 5SL74508RC | 3770.- | 1/3 |
| 63 | 5SL74638RC | 3770.- | 1/3 | | |

Note:

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


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

¹⁾ Breaking capacity 40A - 63A: 10kA

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 I_n (A) | MW# | Reference No | Unit MRP* ₹ | Std. Pkg.** (Nos.) |
|---|-------|----------------------------|-----|--------------|----------------|-----------------------|
|  | 1Pole | 80A | 1 | 5SY41807CC | 3295.- | 1/1 |
| | 2Pole | | 2 | 5SY42807CC | 6475.- | 1/1 |
| | 3Pole | | 3 | 5SY43807CC | 10110.- | 1/1 |
| | 4Pole | | 4 | 5SY44807CC | 14485.- | 1/1 |

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







- 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 I_n (A) | MW# | Reference No | Unit MRP* ₹ | Std. Pkg.** (Nos.) |
|---|--------|----------------------------|-----|--------------|----------------|-----------------------|
|  | 1-pole | 80 | 1.5 | 5SP41807RC | 3175.- | 1/10 |
| | | 100 | | 5SP41917RC | 3350.- | 1/10 |
| | | 125 | | 5SP41927RC | 3800.- | 1/10 |
|  | 2-pole | 80 | 3 | 5SP42807RC | 6235.- | 1/5 |
| | | 100 | | 5SP42917RC | 6575.- | 1/5 |
| | | 125 | | 5SP42927RC | 7440.- | 1/5 |
|  | 3-pole | 80 | 4.5 | 5SP43807RC | 9735.- | 1 |
| | | 100 | | 5SP43917RC | 9990.- | 1 |
| | | 125 | | 5SP43927RC | 11450.- | 1 |
|  | 4-pole | 80 | 6 | 5SP44807RC | 13960.- | 1 |
| | | 100 | | 5SP44917RC | 14365.- | 1 |
| | | 125 | | 5SP44927RC | 16350.- | 1 |

D characteristic

| | | | | | | |
|---|--------|-----|-----|------------|---------|------|
|  | 1-pole | 80 | 1.5 | 5SP41808RC | 3500.- | 1/10 |
| | | 100 | | 5SP41918RC | 3665.- | 1/10 |
|  | 2-pole | 80 | 3 | 5SP42808RC | 7020.- | 1/5 |
| | | 100 | | 5SP42918RC | 7445.- | 1/5 |
|  | 3-pole | 80 | 4.5 | 5SP43808RC | 10815.- | 1 |
| | | 100 | | 5SP43918RC | 10920.- | 1 |
|  | 4-pole | 80 | 6 | 5SP44808RC | 15210.- | 1 |
| | | 100 | | 5SP44918RC | 15595.- | 1 |



Note:

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

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

Betagard Circuit Breakers 5SL5, DC with C Characteristics

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

| 10000A | Rated Current I_n (A) | MW# | Reference No | Unit MRP* ₹ | Std. Pkg.** (Nos.) |
|--|----------------------------|------------|--------------|----------------|-----------------------|
|  | 0.5 | 1 | 5SL51057RC | 770.- | 1/12 |
| | 1 | | 5SL51017RC | 770.- | 1/12 |
| | 2 | | 5SL51027RC | 825.- | 1/12 |
| | 3 | | 5SL51037RC | 870.- | 1/12 |
| | 4 | | 5SL51047RC | 825.- | 1/12 |
| | 6 | | 5SL51067RC | 705.- | 1/12 |
| | 8 | | 5SL51087RC | 740.- | 1/12 |
| | 10 | | 5SL51107RC | 705.- | 1/12 |
| | 16 | | 5SL51167RC | 705.- | 1/12 |
| | 20 | | 5SL51207RC | 705.- | 1/12 |
| | 25 | | 5SL51257RC | 705.- | 1/12 |
| | 32 | | 5SL51327RC | 705.- | 1/12 |
| | 40 | | 5SL51407RC | 1050.- | 1/12 |
| | 50 | | 5SL51507RC | 1050.- | 1/12 |
| 63 | | 5SL51637RC | 1050.- | 1/12 | |
|  | 0.5 | 2 | 5SL52057RC | 1670.- | 1/6 |
| | 1 | | 5SL52017RC | 1670.- | 1/6 |
| | 2 | | 5SL52027RC | 1670.- | 1/6 |
| | 3 | | 5SL52037RC | 1750.- | 1/6 |
| | 4 | | 5SL52047RC | 1670.- | 1/6 |
| | 6 | | 5SL52067RC | 1465.- | 1/6 |
| | 8 | | 5SL52087RC | 1535.- | 1/6 |
| | 10 | | 5SL52107RC | 1465.- | 1/6 |
| | 16 | | 5SL52167RC | 1465.- | 1/6 |
| | 20 | | 5SL52207RC | 1465.- | 1/6 |
| | 25 | | 5SL52257RC | 1465.- | 1/6 |
| | 32 | | 5SL52327RC | 1465.- | 1/6 |
| | 40 | | 5SL52407RC | 2165.- | 1/6 |
| | 50 | | 5SL52507RC | 2165.- | 1/6 |
| 63 | | 5SL52637RC | 2165.- | 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 I_n (A) | MW# | Reference No | Unit MRP* ₹ | Std. Pkg.** (Nos.) |
|---|----------------------------|-----|--------------|----------------|-----------------------|
|  | 32 | 2 | 5TL12320 | 640.- | 1/1 |
| | 40 | | 5TL12400 | 655.- | 1/1 |
| | 63 | | 5TL12630 | 865.- | 1/1 |
| | 80 | | 5TL12800 | 1135.- | 1/1 |
| | 100 | | 5TL12910 | 1440.- | 1/1 |
| | 125 | | 5TL12920 | 1495.- | 1/1 |
|  | 32 | 3 | 5TL13320 | 1055.- | 1/1 |
| | 40 | | 5TL13400 | 1225.- | 1/1 |
| | 63 | | 5TL13630 | 1365.- | 1/1 |
| | 80 | | 5TL13800 | 1655.- | 1/1 |
| | 100 | | 5TL13910 | 1740.- | 1/1 |
| | 125 | | 5TL13920 | 1880.- | 1/1 |
|  | 32 | 4 | 5TL14320 | 1205.- | 1/1 |
| | 40 | | 5TL14400 | 1435.- | 1/1 |
| | 63 | | 5TL14630 | 1630.- | 1/1 |
| | 80 | | 5TL14800 | 1960.- | 1/1 |
| | 100 | | 5TL14910 | 2355.- | 1/1 |
| | 125 | | 5TL14920 | 2560.- | 1/1 |

Note:

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

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

SIEMENS

Ingenuity for life



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: 240/415VAC, 50Hz
- With ISI marking: CM/L No. 7676092

Type AC, applicable in networks for AC residual currents

| | Rated residual current $I_{\Delta n}$ (mA) | Rated Current I_n (A) | MW# | Reference No | Unit MRP* ₹ | Std. Pkg.** (Nos.) | |
|--|---|----------------------------|-----|--------------|----------------|-----------------------|---|
|  | 2 Pole | 30 | 25 | 2 | | | |
| | | 100 | 25 | | ■ 5SV43120RC | 3355.- | 1 |
| | | 300 | 25 | | 5SV44120RC | 3500.- | 1 |
| | | 30 | 40 | | 5SV46120RC | 3620.- | 1 |
| | | 100 | 40 | | ■ 5SV43140RC | 3930.- | 1 |
| | | 300 | 40 | | 5SV44140RC | 4100.- | 1 |
| | | 30 | 63 | | 5SV46140RC | 4255.- | 1 |
| | | 100 | 63 | | ■ 5SV43160RC | 5255.- | 1 |
| | | 300 | 63 | | 5SV44160RC | 5295.- | 1 |
| | | 30 | 80 | | 5SV46160RC | 5630.- | 1 |
| | | 100 | 80 | | 5SV43170RC | 8130.- | 1 |
| | | 300 | 80 | | 5SV44170RC | 8450.- | 1 |
| | | | | 5SV46170RC | 8450.- | 1 | |
|  | 4 Pole | 30 | 25 | 4 | | | |
| | | 100 | 25 | | ■ 5SV43420RC | 4490.- | 1 |
| | | 300 | 25 | | 5SV44420RC | 4655.- | 1 |
| | | 30 | 40 | | 5SV46420RC | 4830.- | 1 |
| | | 100 | 40 | | ■ 5SV43440RC | 4545.- | 1 |
| | | 300 | 40 | | 5SV44440RC | 4720.- | 1 |
| | | 30 | 63 | | 5SV46440RC | 4900.- | 1 |
| | | 100 | 63 | | ■ 5SV43460RC | 5295.- | 1 |
| | | 300 | 63 | | 5SV44460RC | 5505.- | 1 |
| | | 30 | 80 | | 5SV46460RC | 5700.- | 1 |
| | | 100 | 80 | | 5SV43470RC | 8130.- | 1 |
| | | 300 | 80 | | 5SV44470RC | 8450.- | 1 |
| | | | | 5SV46470RC | 8450.- | 1 | |

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

| | | | | | | | |
|---|--------|-----|----|------------|------------|---------|---|
|  | 2 Pole | 30 | 25 | 2 | | | |
| | | 100 | 25 | | 5SV33126RC | 6135.- | 1 |
| | | 300 | 25 | | 5SV34126RC | 7225.- | 1 |
| | | 30 | 40 | | 5SV36126RC | 7225.- | 1 |
| | | 100 | 40 | | 5SV33146RC | 6955.- | 1 |
| | | 300 | 40 | | 5SV34146RC | 7245.- | 1 |
| | | 30 | 63 | | 5SV36146RC | 7245.- | 1 |
| | | 100 | 63 | | 5SV33166RC | 10115.- | 1 |
| | | 300 | 63 | | 5SV34166RC | 10400.- | 1 |
| | | 30 | 80 | | 5SV36166RC | 9905.- | 1 |
| | | 100 | 80 | | 5SV33176RC | 10880.- | 1 |
| | | 300 | 80 | | 5SV34176RC | 11700.- | 1 |
| | | | | 5SV36176RC | 11140.- | 1 | |
|  | 4 Pole | 30 | 25 | 4 | | | |
| | | 100 | 25 | | 5SV33426RC | 7275.- | 1 |
| | | 300 | 25 | | 5SV34426RC | 8975.- | 1 |
| | | 30 | 40 | | 5SV36426RC | 8975.- | 1 |
| | | 100 | 40 | | 5SV33446RC | 8030.- | 1 |
| | | 300 | 40 | | 5SV34446RC | 8975.- | 1 |
| | | 30 | 63 | | 5SV36446RC | 8975.- | 1 |
| | | 100 | 63 | | 5SV33466RC | 9170.- | 1 |
| | | 300 | 63 | | 5SV34466RC | 9115.- | 1 |
| | | 30 | 80 | | 5SV36466RC | 9115.- | 1 |
| | | 100 | 80 | | 5SV33476RC | 11025.- | 1 |
| | | 300 | 80 | | 5SV34476RC | 11700.- | 1 |
| | | | | 5SV36476RC | 11140.- | 1 | |

■ Stock items

Note:


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

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


Betagard Residual Current Circuit Breakers 5SM3

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

Type AC, applicable in networks for AC residual currents

| | Rated residual current $I_{\Delta n}$ (mA) | Rated Current I_n (A) | MW [#] | Reference No | Unit MRP* ₹ | Std. Pkg.** (Nos.) |
|---|---|----------------------------|-----------------|--------------|----------------|-----------------------|
|  | 30 | 100 | 4 | 5SM33480RC | 42410.- | 1 |
| | 100 | 100 | | 5SM34480RC | 37625.- | 1 |
| | 300 | 100 | | 5SM36480RC | 35670.- | 1 |
| | 30 | 125 | | 5SM33450RC | 42410.- | 1 |
| | 100 | 125 | | 5SM34450RC | 37625.- | 1 |
| | 300 | 125 | | 5SM36450RC | 35670.- | 1 |
| | 500 | 125 | | 5SM37450RC | 41075.- | 1 |

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

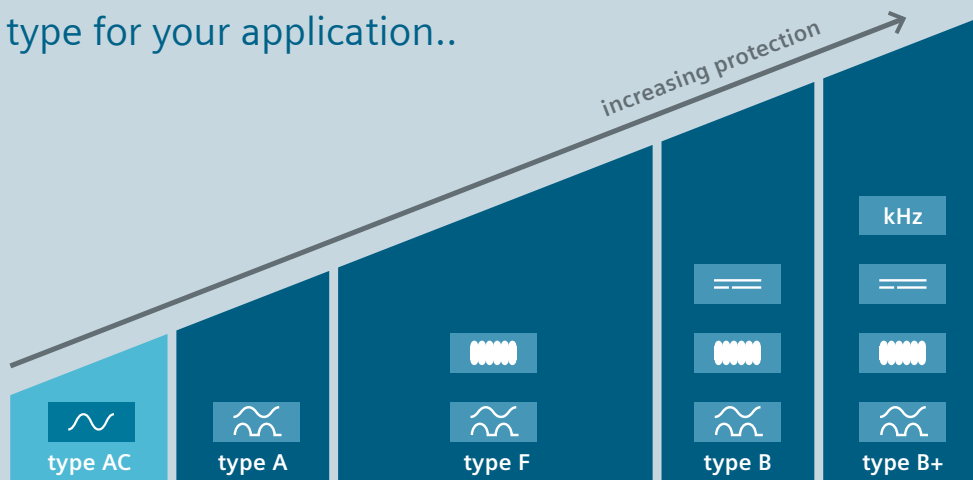
| | | | | | | |
|--|-----|-----|---|------------|---------|---|
|  | 30 | 100 | 4 | 5SM33486RC | 38870.- | 1 |
| | 100 | 100 | | 5SM34486RC | 37470.- | 1 |
| | 300 | 100 | | 5SM36486RC | 38070.- | 1 |
| | 30 | 125 | | 5SM33456RC | 38870.- | 1 |
| | 100 | 125 | | 5SM34456RC | 37470.- | 1 |
| | 300 | 125 | | 5SM36456RC | 41530.- | 1 |
| | 500 | 125 | | 5SM37456RC | 42795.- | 1 |

Note:

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

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

The right type for your application..



- sinusoidal alternating currents (type AC)
- pulsating DC residual currents (type A)

- electrical loads with frequency converters in the single-phase alternating currents (type F)

- smooth DC residual currents (type B/B+)

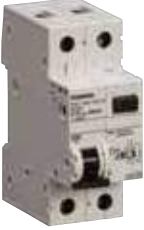
More information:
siemens.com/rccb

Betagard Residual Current Breaker Operators 5SU1, 10kA





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



Type AC, with C Characteristics (in 2 module size)⁵

| | Rated residual current I _{Δn} (mA) | Rated Current I _n (A) | MW [#] | Reference No | Unit MRP* ₹ | Std. Pkg.** (Nos.) |
|---|--|-------------------------------------|-----------------|--------------|----------------|-----------------------|
|  | 240Vac; 50Hz; 2 pole ¹⁾ | | | | | |
| | 30 | 6 | 2 | 5SU13541RC06 | 5650.- | 1 |
| | 30 | 10 | | 5SU13541RC10 | 5650.- | 1 |
| | 30 | 16 | | 5SU13541RC16 | 5650.- | 1 |
| | 30 | 20 | | 5SU13541RC20 | 5650.- | 1 |
| | 30 | 25 | | 5SU13541RC25 | 5650.- | 1 |
| | 30 | 32 | | 5SU13541RC32 | 5930.- | 1 |
| | 30 | 40 | | 5SU13541RC40 | 7015.- | 1 |
| | 300 | 6 | | 5SU16541RC06 | 5755.- | 1 |
| | 300 | 10 | | 5SU16541RC10 | 5755.- | 1 |
| | 300 | 16 | | 5SU16541RC16 | 5755.- | 1 |
| | 300 | 20 | | 5SU16541RC20 | 5755.- | 1 |
| | 300 | 25 | | 5SU16541RC25 | 5755.- | 1 |
| | 300 | 32 | | 5SU16541RC32 | 6050.- | 1 |
| 300 | 40 | | 5SU16541RC40 | 7150.- | 1 | |

Type AC with C characteristic

| | | | | | | |
|---|----------------------|----|--------------|--------------|--------|---|
|  | 240Vac; 50Hz; 2 pole | | | | | |
| | 30 | 32 | 4 | 5SU13241RC32 | 5580.- | 1 |
| | | 40 | | 5SU13241RC40 | 6500.- | 1 |
| | | 63 | | 5SU13241RC63 | 7560.- | 1 |
| | 100 | 32 | | 5SU14241RC32 | 6160.- | 1 |
| | | 40 | | 5SU14241RC40 | 6920.- | 1 |
| | | 63 | | 5SU14241RC63 | 8065.- | 1 |
| | 300 | 32 | | 5SU16241RC32 | 6225.- | 1 |
| | | 40 | | 5SU16241RC40 | 6985.- | 1 |
| | 63 | | 5SU16241RC63 | 8065.- | 1 | |
|  | 415Vac; 50Hz; 4 pole | | | | | |
| | 30 | 32 | 7 | 5SU13441RC32 | 7455.- | 1 |
| | | 40 | | 5SU13441RC40 | 7590.- | 1 |
| | | 63 | | 5SU13441RC63 | 9005.- | 1 |
| | 100 | 32 | | 5SU14441RC32 | 7545.- | 1 |
| | | 40 | | 5SU14441RC40 | 7690.- | 1 |
| | | 63 | | 5SU14441RC63 | 8840.- | 1 |
| | 300 | 32 | | 5SU16441RC32 | 7605.- | 1 |
| | | 40 | | 5SU16441RC40 | 7755.- | 1 |
| | 63 | | 5SU16441RC63 | 8925.- | 1 | |

Type AC with D characteristic

| | | | | | | |
|---|----------------------|----|--------------|--------------|---------|---|
|  | 240Vac; 50Hz; 2 pole | | | | | |
| | 30 | 32 | 4 | 5SU13242RC32 | 7195.- | 1 |
| | | 40 | | 5SU13242RC40 | 7885.- | 1 |
| | | 63 | | 5SU13242RC63 | 9505.- | 1 |
| | 100 | 32 | | 5SU14242RC32 | 8710.- | 1 |
| | | 40 | | 5SU14242RC40 | 9530.- | 1 |
| | | 63 | | 5SU14242RC63 | 10885.- | 1 |
| | 300 | 32 | | 5SU16242RC32 | 8510.- | 1 |
| | | 40 | | 5SU16242RC40 | 9530.- | 1 |
| | 63 | | 5SU16242RC63 | 10900.- | 1 | |
|  | 415Vac; 50Hz; 4 pole | | | | | |
| | 30 | 32 | 7 | 5SU13442RC32 | 9855.- | 1 |
| | | 40 | | 5SU13442RC40 | 10005.- | 1 |
| | | 63 | | 5SU13442RC63 | 11865.- | 1 |
| | 100 | 32 | | 5SU14442RC32 | 10670.- | 1 |
| | | 40 | | 5SU14442RC40 | 11145.- | 1 |
| | | 63 | | 5SU14442RC63 | 12355.- | 1 |
| | 300 | 32 | | 5SU16442RC32 | 10535.- | 1 |
| | | 40 | | 5SU16442RC40 | 11255.- | 1 |
| | 63 | | 5SU16442RC63 | 12100.- | 1 | |

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


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

⁵ 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: 240/415Vac, 50Hz
- With ISI marking: CM/L No. 7676193



Type A, with C Characteristics (in 2 module size)⁵

| | Rated residual current I _{Δn} (mA) | Rated Current I _n (A) | MW [#] | Reference No | Unit MRP* ₹ | Std. Pkg.** (Nos.) |
|---|--|-------------------------------------|-----------------|--------------|----------------|-----------------------|
|  | 240Vac; 50Hz; 2 pole ¹⁾ | | | | | |
| | 30 | 6 | 2 | 5SU13547RC06 | 10320.- | 1 |
| | 30 | 10 | | 5SU13547RC10 | 10320.- | 1 |
| | 30 | 16 | | 5SU13547RC16 | 10320.- | 1 |
| | 30 | 20 | | 5SU13547RC20 | 10320.- | 1 |
| | 30 | 25 | | 5SU13547RC25 | 10320.- | 1 |
| | 30 | 32 | | 5SU13547RC32 | 10790.- | 1 |
| | 30 | 40 | | 5SU13547RC40 | 13055.- | 1 |
| | 300 | 6 | | 5SU16547RC06 | 10625.- | 1 |
| | 300 | 10 | | 5SU16547RC10 | 10625.- | 1 |
| | 300 | 16 | | 5SU16547RC16 | 10625.- | 1 |
| | 300 | 20 | | 5SU16547RC20 | 10625.- | 1 |
| | 300 | 25 | | 5SU16547RC25 | 10625.- | 1 |
| | 300 | 32 | | 5SU16547RC32 | 11050.- | 1 |
| | 300 | 40 | | 5SU16547RC40 | 13325.- | 1 |

Type A with C characteristic

| | | | | | | |
|---|----------------------|----|---|--------------|---------|---|
|  | 240Vac; 50Hz; 2 pole | | | | | |
| | 30 | 32 | 4 | 5SU13247RC32 | 10110.- | 1 |
| | | 40 | | 5SU13247RC40 | 11125.- | 1 |
| | | 63 | | 5SU13247RC63 | 12585.- | 1 |
| | 100 | 32 | | 5SU14247RC32 | 10790.- | 1 |
| | | 40 | | 5SU14247RC40 | 11985.- | 1 |
| | | 63 | | 5SU14247RC63 | 13620.- | 1 |
| | 300 | 32 | | 5SU16247RC32 | 10790.- | 1 |
| | | 40 | | 5SU16247RC40 | 11985.- | 1 |
| | | 63 | | 5SU16247RC63 | 13620.- | 1 |
|  | 415Vac; 50Hz; 4 pole | | | | | |
| | 30 | 32 | 7 | 5SU13447RC32 | 12380.- | 1 |
| | | 40 | | 5SU13447RC40 | 12890.- | 1 |
| | | 63 | | 5SU13447RC63 | 14745.- | 1 |
| | 100 | 32 | | 5SU14447RC32 | 13280.- | 1 |
| | | 40 | | 5SU14447RC40 | 13535.- | 1 |
| | | 63 | | 5SU14447RC63 | 15130.- | 1 |
| | 300 | 32 | | 5SU16447RC32 | 13280.- | 1 |
| | | 40 | | 5SU16447RC40 | 13770.- | 1 |
| | | 63 | | 5SU16447RC63 | 15365.- | 1 |

Type A with D characteristic

| | | | | | | |
|---|----------------------|----|---|--------------|---------|---|
|  | 240Vac; 50Hz; 2 pole | | | | | |
| | 30 | 32 | 4 | 5SU13248RC32 | 11800.- | 1 |
| | | 40 | | 5SU13248RC40 | 13315.- | 1 |
| | | 63 | | 5SU13248RC63 | 15150.- | 1 |
| | 100 | 32 | | 5SU14248RC32 | 12695.- | 1 |
| | | 40 | | 5SU14248RC40 | 14120.- | 1 |
| | | 63 | | 5SU14248RC63 | 16085.- | 1 |
| | 300 | 32 | | 5SU16248RC32 | 12695.- | 1 |
| | | 40 | | 5SU16248RC40 | 14120.- | 1 |
| | | 63 | | 5SU16248RC63 | 16085.- | 1 |
|  | 415Vac; 50Hz; 4 pole | | | | | |
| | 30 | 32 | 7 | 5SU13448RC32 | 14605.- | 1 |
| | | 40 | | 5SU13448RC40 | 14790.- | 1 |
| | | 63 | | 5SU13448RC63 | 17440.- | 1 |
| | 100 | 32 | | 5SU14448RC32 | 15385.- | 1 |
| | | 40 | | 5SU14448RC40 | 16440.- | 1 |
| | | 63 | | 5SU14448RC63 | 17900.- | 1 |
| | 300 | 32 | | 5SU16448RC32 | 15385.- | 1 |
| | | 40 | | 5SU16448RC40 | 16440.- | 1 |
| | | 63 | | 5SU16448RC63 | 17905.- | 1 |

Note: * MRP - Maximum Retail Price

1MW (Module Width) = 18mm







¹⁾ 1P+N variant

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


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

Betagard Accessories

Accessories for 5SL / 5SY / 5SP MCBs, 5TL isolators, 5SV/5SM RCCBs and 5SU1 RCBOs

| Item Description | Reference No | Unit MRP* ₹ | Std. Pkg.** (Nos.) |
|--|--------------|----------------|-----------------------|
|  Aux contact block (For 5SL/5SY/5SP4/5TL/5SV/5SU1) 1NO+1NC 2NO 2NC 1CO | 5ST3010 | 1205.- | 12 |
| | 5ST3011 | 1225.- | 1 |
| | 5ST3012 | 1225.- | 1 |
| | 5ST3016 | 1915.- | 1 |
| | <hr/> | | |
| Fault signal contact (For 5SL/5SY/5SP4/5SV/5SU1) 1NO+1NC 2NO 2NC | 5ST3020 | 1770.- | 1 |
| | 5ST3021 | 1800.- | 1 |
| | 5ST3022 | 1800.- | 1 |
| <hr/> | | | |
| Shunt release (For 5SL5/5SL7/5SY/5SP4/5SV/5SU1) 110...415V AC 24...48V DC | 5ST3030 | 4970.- | 1/5 |
| | 5ST3031 | 4970.- | 1/5 |
| <hr/> | | | |
| Auxiliary and fault signal changeover contact (For 5SL/5SY/5SP4/5TL/5SV/5SU1) Auxiliary switch - 1CO Fault contact - 1CO | 5ST3062 | 5425.- | 1 |
| <hr/> | | | |
| Auxiliary contact block for 5SM3 100-125A 4pole 1NO+1NC | 5SW3330 | 5070.- | 1/10 |
| <hr/> | | | |
|  Undervoltage release (For 5SL5/5SL7/5SY/5SP4/5SV/5SU1) With integrated aux. switch 230V AC 110V DC 24V DC Without integrated aux. switch 230V AC 110V DC 24V DC | 5ST3040 | 6665.- | 1/5 |
| | 5ST3041 | 6665.- | 1/5 |
| | 5ST3042 | 6665.- | 1/5 |
| | 5ST3043 | 6665.- | 1/5 |
| | 5ST3044 | 6665.- | 1/5 |
| | 5ST3045 | 6665.- | 1/5 |
| | <hr/> | | |
|  Remote control mechanism unit Basic version for 5SL,5SY,5TL1 and 5SU1 (1P+N only) (12-30)VAC & (12-48)VDC, 1.5MW 230VAC, 2MW Power version for 5SL,5SY,5TL1 and 5SU1 (12-30)VAC & (12-48)VDC, 2MW 230VAC, 2MW Adapter for Remote control mechanism (To be ordered along with 5ST305X basic unit) For 5SL - 1P & 2P, 5SV - 4P For 5SL - 3P & 4P For 5SY - 1P & 2P and For 5SU1^ - 2P, 4M For 5SY - 3P & 4P and For 5SU1^ - 4P, 7M For 5SU1 - 2P, 2M ^ Add-on block for 5SU1 to be ordered along with Adapter | 5ST3053 | 29735.- | 1 |
| | 5ST3054 | 29735.- | 1 |
| | 5ST3055 | 50320.- | 1 |
| | 5ST3056 | 50320.- | 1 |
| | 5ST38206 | 625.- | 1 |
| | 5ST38207 | 625.- | 1 |
| | 5ST38201 | 625.- | 1 |
| | 5ST38202 | 625.- | 1 |
| | 5ST38205 | 625.- | 1 |
| | 5ST38203 | 1370.- | 1 |
| <hr/> | | | |
|  Handle locking device for 5SP and 5SY circuit breakers for padlock with max. 3mm shackle for 5SL circuit breakers, 5TL1 isolators and 5SV residual current circuit breakers for padlock with max. 3 to 6 mm shackle | 5ST3801 | 615.- | 1 |
| | 5ST3806 | 585.- | 5 |
| <hr/> | | | |
|  Pad locks for 5ST3801 and 5ST3806 handle locking devices | 5ST3802 | 395.- | 5 |
| <hr/> | | | |
|  Handle connector for 2P, 2M 5SU1 RCBO ⁵ | 5ST38051 | 1230.- | 1 |

Betagard Rotary Handle Assembly

| Item Description | Reference No. | Unit MRP* ₹ | Std. Pkg.** (Nos.) |
|--|---------------|----------------|-----------------------|
|  Rotary Handle Assembly for 5SY, 5SL, 5SP and 5TL1 series of MCBs/ Isolators ⁵⁵ | 5ST38140RC | 2210.- | 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 authorised dealers is in multiples of standard packing, contact Siemens Sales Office for further details

SIEMENS

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SIRENEW

Power Distribution Solution
for RENEWables

thanks to

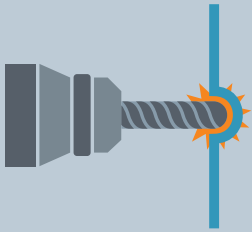
SIARC

technology

World's smallest AFDD

Thanks to innovative SIARC technology, the AFDD is the only protection device that detects parallel as well as serial arcing faults. Common causes are, among others:

First arc fault detection device (AFDD) in the IEC market (2012) for preventive fire protection
First AFDD with integrated MCB in 1 modular width (MW)



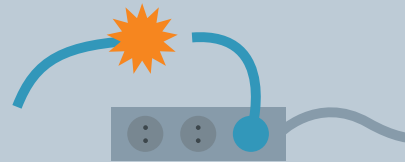
damaged wire insulation



crushed cables

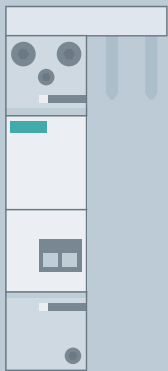


rodent damage



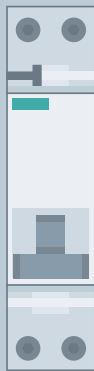
broken cables

#1 Be the first to play it safe with the 5SV6 AFDD



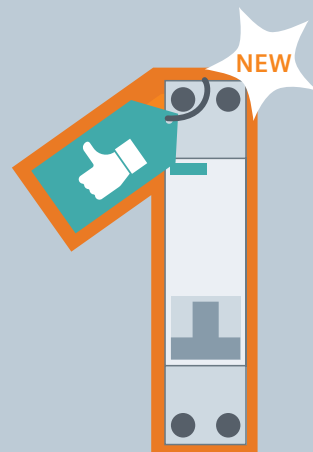
Arc fault detection unit

+



Miniature circuit breaker

=

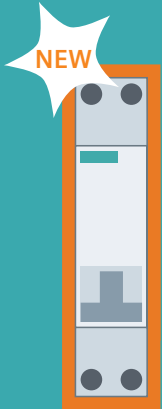


5SV6 AFDD

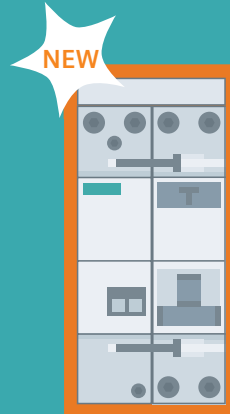
1 MW

AFDDs are strongly recommended!

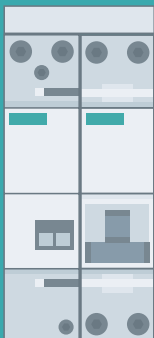
Comprehensive portfolio for preventive fire protection



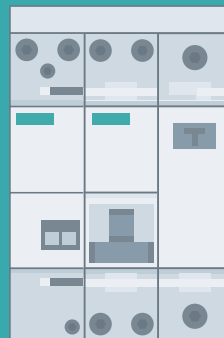
5SV6 AFDD
+ integrated MCB = 1 MW



5SM6 AFD unit
+ 5SV1 RCBO = 2 MW



5SM6 AFD unit
+ 5SY60 MCB = 2 MW



5SM6 AFD unit
+ 5SU1 RCBO = 3 MW

More information available at [siemens.com/afdd](https://www.siemens.com/afdd)

It's Time to Act Now!

Preventive, Proven, Standard compliant

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



SIEMENS

Ingenuity for life

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/afd-units


NEW




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* ₹ |
|---|--------|---------------------|------------------|---------------------------------|------------------|
| | | B characteristic | C characteristic | 30mA, Type AC, C characteristic | |
|  | 6A | 5SV60166KK06 | 5SV60167KK06 | 5SV63167KK06 | Price on Request |
| | 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* ₹ |
|---|--------|--------------|---------------|--|------------------|
|  | 16A | 2 | 5SM60111XX02 | AFDD 16A, 230V, 2MW (Integrated with 1MW, 1+N, 16A MCB) | Price on Request |

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

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

* LP - List Price

SIEMENS

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Perfect blend of beauty and features with assured performance

Betagard Distribution Boards

- 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

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.) |
|---|-------------------------------|---------------------|---------------------|------------------|--------------|-------------|--------------------|
| Metal Enclosures, IP20: | | | | | | | |
|  | 1 Module | – | – | 1 | 8GB32100RC01 | 575.- | 1/20 |
| | 2 Module | – | – | 2 | 8GB32100RC02 | 850.- | 1/20 |
| | 3 Module | – | – | 3 | 8GB32100RC03 | 850.- | 1/20 |
| | 4 Module | – | – | 4 | 8GB32100RC04 | 850.- | 1/20 |
| | 6 Module | – | – | 6 | 8GB32100RC06 | 1125.- | 1/20 |
| | 8 Module | – | – | 8 | 8GB32100RC08 | 1325.- | 1/10 |
| SPN Single Door DBs#, IP20: | | | | | | | |
|  | 6 Module | 2 | 4 | 6 | 8GB32101RC06 | 1685.- | 1 |
| | 8 Module | 2 | 6 | 8 | 8GB32101RC08 | 1790.- | 1 |
| | 10 Module | 2 | 8 | 10 | 8GB32101RC10 | 2155.- | 1 |
| | 12 Module | 2 | 10 | 12 | 8GB32101RC12 | 2235.- | 1 |
| | 14 Module | 2 | 12 | 14 | 8GB32101RC14 | 2525.- | 1 |
| | 16 Module | 2 | 14 | 16 | 8GB32101RC16 | 2720.- | 1 |
| SPN Metal Double Door DBs#, IP 43: | | | | | | | |
|  | 6 Module | 2 | 4 | 6 | 8GB32102RC06 | 2635.- | 1 |
| | 8 Module | 2 | 6 | 8 | 8GB32102RC08 | 2735.- | 1 |
| | 10 Module | 2 | 8 | 10 | 8GB32102RC10 | 3185.- | 1 |
| | 12 Module | 2 | 10 | 12 | 8GB32102RC12 | 3270.- | 1 |
| | 14 Module | 2 | 12 | 14 | 8GB32102RC14 | 3810.- | 1 |
| | 16 Module | 2 | 14 | 16 | 8GB32102RC16 | 3905.- | 1 |
| SPN Acrylic Double Door DBs#, IP 43: | | | | | | | |
|  | 6 Module | 2 | 4 | 6 | 8GB32103RC06 | 3095.- | 1 |
| | 8 Module | 2 | 6 | 8 | 8GB32103RC08 | 3270.- | 1 |
| | 10 Module | 2 | 8 | 10 | 8GB32103RC10 | 3810.- | 1 |
| | 12 Module | 2 | 10 | 12 | 8GB32103RC12 | 4090.- | 1 |
| | 14 Module | 2 | 12 | 14 | 8GB32103RC14 | 4270.- | 1 |
| | 16 Module | 2 | 14 | 16 | 8GB32103RC16 | 4450.- | 1 |
| Wire Way Box For SPN Single Door IP 20 DBs: | | | | | | | |
|  | For 6 MOD SPN Single door DB | – | – | – | 8GB32106RC06 | 1110.- | 1/5 |
| | For 8 MOD SPN Single door DB | – | – | – | 8GB32106RC08 | 1110.- | 1/5 |
| | For 10 MOD SPN Single door DB | – | – | – | 8GB32106RC10 | 1195.- | 1/5 |
| | For 12 MOD SPN Single door DB | – | – | – | 8GB32106RC12 | 1195.- | 1/5 |
| | For 14 MOD SPN Single door DB | – | – | – | 8GB32106RC14 | 1380.- | 1/5 |
| | For 16 MOD SPN Single door DB | – | – | – | 8GB32106RC16 | 1380.- | 1/5 |
| Wire Way Box For SPN Double Door IP 43 DBs: | | | | | | | |
|  | For 6 MOD SPN Double door DB | – | – | – | 8GB32107RC06 | 1195.- | 1/5 |
| | For 8 MOD SPN Double door DB | – | – | – | 8GB32107RC08 | 1195.- | 1/5 |
| | For 10 MOD SPN Double door DB | – | – | – | 8GB32107RC10 | 1295.- | 1/5 |
| | For 12 MOD SPN Double door DB | – | – | – | 8GB32107RC12 | 1295.- | 1/5 |
| | For 14 MOD SPN Double door DB | – | – | – | 8GB32107RC14 | 1650.- | 1/5 |
| | For 16 MOD SPN Double door DB | – | – | – | 8GB32107RC16 | 1650.- | 1/5 |

Note: * MRP - Maximum Retail Price # Also available in flat door option

For Customized Solutions in Distribution Boards please Contact our sales Office

** Purchase MOQ for our authorised 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.) |
|---|---|---------------------|---------------------|------------------|--------------|-------------|--------------------|
| TPN Single Door DBs#, IP20: | | | | | | | |
|  | 4 way | 8 | 12 | 20 | 8GB32201RC04 | 4240.- | 1 |
| | 6 way | 8 | 18 | 26 | 8GB32201RC06 | 4815.- | 1 |
| | 8 way | 8 | 24 | 32 | 8GB32201RC08 | 5815.- | 1 |
| | 10 way | 8 | 30 | 38 | 8GB32201RC10 | 8430.- | 1 |
| | 12 way | 8 | 36 | 44 | 8GB32201RC12 | 8610.- | 1 |
| | 14 way | 8 | 42 | 50 | 8GB32201RC14 | 9875.- | 1 |
| | 16 way | 8 | 48 | 56 | 8GB32201RC16 | 10245.- | 1 |
| TPN Metal Double Door DBs#, IP 43 | | | | | | | |
|  | 4 way | 8 | 12 | 20 | 8GB32202RC04 | 5180.- | 1 |
| | 6 way | 8 | 18 | 26 | 8GB32202RC06 | 6260.- | 1 |
| | 8 way | 8 | 24 | 32 | 8GB32202RC08 | 7525.- | 1 |
| | 10 way | 8 | 30 | 38 | 8GB32202RC10 | 10875.- | 1 |
| | 12 way | 8 | 36 | 44 | 8GB32202RC12 | 11145.- | 1 |
| | 14 way | 8 | 42 | 50 | 8GB32202RC14 | 13225.- | 1 |
| | 16 way | 8 | 48 | 56 | 8GB32202RC16 | 13600.- | 1 |
| TPN Acrylic Double Door DBs#, IP 43 | | | | | | | |
|  | 4 way | 8 | 12 | 20 | 8GB32203RC04 | 6260.- | 1 |
| | 6 way | 8 | 18 | 26 | 8GB32203RC06 | 7710.- | 1 |
| | 8 way | 8 | 24 | 32 | 8GB32203RC08 | 9245.- | 1 |
| | 10 way | 8 | 30 | 38 | 8GB32203RC10 | 12060.- | 1 |
| | 12 way | 8 | 36 | 44 | 8GB32203RC12 | 14035.- | 1 |
| | 14 way | 8 | 42 | 50 | 8GB32203RC14 | 15035.- | 1 |
| | 16 way | 8 | 48 | 56 | 8GB32203RC16 | 16045.- | 1 |
| TPN to PPI Conversion Kit® | | | | | | | |
|  | To convert 6 way TPN DB to 4 way TPN PPI DB | | | | 8GB32205RC04 | 3270.- | 1/5 |
| | To convert 8 way TPN DB to 6 way TPN PPI DB | | | | 8GB32205RC06 | 3810.- | 1/5 |
| | To convert 10 way TPN DB to 8 way TPN PPI DB | | | | 8GB32205RC08 | 3905.- | 1/5 |
| | To convert 12 way TPN DB to 10 way TPN PPI DB | | | | 8GB32205RC10 | 4175.- | 1/5 |
| | To convert 14 way TPN DB to 12 way TPN PPI DB | | | | 8GB32205RC12 | 4450.- | 1/5 |
| | To convert 16 way TPN DB to 14 way TPN PPI DB | | | | 8GB32205RC14 | 4715.- | 1/5 |
| | Wire Way Box For TPN Single Door IP 20 DBs | | | | | | |
|  | For 4 Way TPN Single door DB | - | - | - | 8GB32206RC04 | 1380.- | 1/5 |
| | For 6 Way TPN Single door DB | - | - | - | 8GB32206RC06 | 1380.- | 1/5 |
| | For 8 Way TPN Single door DB | - | - | - | 8GB32206RC08 | 2460.- | 1/5 |
| | For 10 Way TPN Single door DB | - | - | - | 8GB32206RC10 | 3095.- | 1/5 |
| | For 12 Way TPN Single door DB | - | - | - | 8GB32206RC12 | 3185.- | 1/5 |
| | For 14 Way TPN Single door DB | - | - | - | 8GB32206RC14 | 3270.- | 1/5 |
| | For 16 Way TPN Single door DB | - | - | - | 8GB32206RC16 | 3460.- | 1/5 |
| Wire Way Box For TPN Double Door IP 43 DBs | | | | | | | |
|  | For 4 Way TPN Double door DB | - | - | - | 8GB32207RC04 | 1465.- | 1/5 |
| | For 6 Way TPN Double door DB | - | - | - | 8GB32207RC06 | 1650.- | 1/5 |
| | For 8 Way TPN Double door DB | - | - | - | 8GB32207RC08 | 2635.- | 1/5 |
| | For 10 Way TPN Double door DB | - | - | - | 8GB32207RC10 | 2820.- | 1/5 |
| | For 12 Way TPN Double door DB | - | - | - | 8GB32207RC12 | 3460.- | 1/5 |
| | For 14 Way TPN Double door DB | - | - | - | 8GB32207RC14 | 3635.- | 1/5 |
| | For 16 Way TPN Double door DB | - | - | - | 8GB32207RC16 | 3740.- | 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 authorised 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.) |
|---|---------------------|--------------------------|---------------------|------------------|--------------|-------------|--------------------|
| TPN Phase segregated DBs, IP 20 For MCB as incomer | | | | | | | |
| 4 Way | 12 | 12 | 12 | 36 | 8GB32001RC04 | 11680.- | 1 |
| 6 Way | 12 | 12 | 18 | 42 | 8GB32001RC06 | 13135.- | 1 |
| 8 Way | 12 | 12 | 24 | 48 | 8GB32001RC08 | 15330.- | 1 |
| 12 Way | 12 | 12 | 36 | 60 | 8GB32001RC12 | 18250.- | 1 |
| TPN Phase segregated DBs, (8 segment) IP 43 For MCB as incomer | | | | | | | |
| 4 way | 12 | 12 | 12 | 36 | 8GB32002RC04 | 13870.- | 1 |
| 6 way | 12 | 12 | 18 | 42 | 8GB32002RC06 | 16060.- | 1 |
| 8 way | 12 | 12 | 24 | 48 | 8GB32002RC08 | 18250.- | 1 |
| 12 way | 12 | 12 | 36 | 60 | 8GB32002RC12 | 21900.- | 1 |
| TPN Phase segregated DBs, IP 43 for MCCB as incomer upto 160A | | | | | | | |
| 6 way | | 12 | 18 | 30 | 8GB32012RC06 | 24810.- | 1 |
| 8 way | | 12 | 24 | 36 | 8GB32012RC08 | 28465.- | 1 |
| 12 way | | 12 | 36 | 48 | 8GB32012RC12 | 32115.- | 1 |
| Wire Way box for MCB Incomer, IP 43 DBs | | | | | | | |
| For 4 Way | - | - | - | - | 8GB32007RC04 | 3645.- | 1 |
| For 6 Way | - | - | - | - | 8GB32007RC06 | 4375.- | 1 |
| For 8 Way | - | - | - | - | 8GB32007RC08 | 5105.- | 1 |
| For 12 Way | - | - | - | - | 8GB32007RC12 | 5830.- | 1 |
| Wire Way box for MCCB Incomer, IP 43 DBs | | | | | | | |
| For 6 Way | - | - | - | - | 8GB32017RC06 | 4375.- | 1 |
| For 8 Way | - | - | - | - | 8GB32017RC08 | 5105.- | 1 |
| For 12 Way | - | - | - | - | 8GB32017RC12 | 5830.- | 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

Betagard Distribution Boards 8GB0 SPN and TPN DBs

| | Item Description | Incoming Slots (MW) | Outgoing Slots (MW) | Total Slots (MW) | Reference No | Unit MRP* ₹ | Std. Pkg.** (Nos.) |
|---|------------------|---------------------|---------------------|------------------|--------------|------------------|--------------------|
| Plastic Enclosure, IP20: | | | | | | | |
|  | 3/4 Way | - | - | 4 | 8GB0004 | 300.- | 1/50 |
| | 6 Way | - | - | 6 | 8GB0006 | 455.- | 1/25 |
| Double Door SPN DBs, IP42 : | | | | | | | |
|  | 4 Way | 2 | 4 | 6 | 8GB0204RC | 2485.- | 1 |
| | 6 Way | 2 | 6 | 8 | 8GB0206RC | 2560.- | 1 |
| | 8 Way | 2 | 8 | 10 | 8GB0208RC | 3000.- | 1 |
| | 12 Way | 2 | 12 | 14 | 8GB0212RC | 3580.- | 1 |
| | 14 Way | 2 | 14 | 16 | 8GB0214RC | 3680.- | 1 |
| Double Door TPN DBs (Horizontal), IP42 : | | | | | | | |
|  | 4 Way | 8 | 12 | 20 | 8GB0404HRC | 4865.- | 1 |
| | 6 Way | 8 | 18 | 26 | 8GB0406HRC | 5970.- | 1 |
| | 8 Way | 8 | 24 | 32 | 8GB0408HRC | 7250.- | 1 |
| | 12 Way | 8 | 36 | 44 | 8GB0412HRC | 10470.- | 1 |
| Double Door TPN DBs (Vertical), IP42 : | | | | | | | |
|  | 4 Way | 8 | 12 | 20 | 8GB0404VRC | Price on request | 1 |
| | 6 Way | 8 | 18 | 26 | 8GB0406VRC | | 1 |
| | 8 Way | 8 | 24 | 32 | 8GB0408VRC | | 1 |
| | 12 Way | 8 | 36 | 44 | 8GB0412VRC | | 1 |
| Double Door, Per Phase Isolation TPN DBs (Horizontal), IP42 : | | | | | | | |
|  | 4 Way | 8 | 18 | 26 | 8GB0405HRC | 8515.- | 1 |
| | 6 Way | 8 | 24 | 32 | 8GB0407HRC | 9790.- | 1 |
| | 8 Way | 8 | 30 | 38 | 8GB0409HRC | 13060.- | 1 |
| | 12 Way | 8 | 42 | 50 | 8GB0413HRC | 15725.- | 1 |
| Double Door, Per Phase Isolation TPN DBs (Vertical), IP42 : | | | | | | | |
|  | 4 Way | 8 | 18 | 26 | 8GB0405VRC | Price on request | 1 |
| | 6 Way | 8 | 24 | 32 | 8GB0407VRC | | 1 |
| | 8 Way | 8 | 30 | 38 | 8GB0409VRC | | 1 |
| | 12 Way | 8 | 42 | 50 | 8GB0413VRC | | 1 |
| Double Door, Phase Segregated TPN DBs (7 segment), IP42: | | | | | | | |
|  | 4 Way | 12 | 12+12 | 36 | 8GB0504 | 11785.- | 1 |
| | 6 Way | 12 | 12+18 | 42 | 8GB0506 | 13330.- | 1 |
| | 8 Way | 12 | 12+24 | 48 | 8GB0508 | 14870.- | 1 |
| | 12 Way | 12 | 12+36 | 60 | 8GB0512 | 18830.- | 1 |

Note: * MRP - Maximum Retail Price

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

Betagard Distribution Boards 8GB31

| | Item Description | Incoming Slots (MW) | Outgoing Slots (MW) | Total Slots (MW) | Reference No | Unit MRP* ₹ | Std. Pkg.** (Nos.) |
|--|----------------------------|---------------------|---------------------|------------------|----------------|-------------|--------------------|
| Betaflex (Flexi DBs), IP42 : | | | | | | | |
|  | 2Row x 12Mod | — | — | 24 | 8GB31424RC | 6840.- | 1 |
| | 2Row x 16Mod | — | — | 32 | 8GB31426RC | 7255.- | 1 |
| | 4Row x 6Mod | — | — | 24 | 8GB31441RC | 8075.- | 1 |
| | 4Row x 8Mod | — | — | 32 | 8GB31442RC | 8405.- | 1 |
| | 4Row x 10Mod | — | — | 40 | 8GB31443RC | 9030.- | 1 |
| | 4Row x 12Mod | — | — | 48 | 8GB31444RC | 9360.- | 1 |
| | 4Row x 16Mod | — | — | 64 | 8GB31446RC | 14350.- | 1 |
| Betabus (Vertical Busbar DBs with MCB as an incomer), IP42 : (Suitable for 5SL/5SP MCBs, upto 125A as an incomer) | | | | | | | |
|  | 4 way | 12 | 12 | 24 | 8GB31471RC | 12065.- | 1 |
| | 6 way | 12 | 18 | 30 | 8GB31473RC | 14690.- | 1 |
| | 8 way | 12 | 24 | 36 | 8GB31474RC | 15490.- | 1 |
| | 12 way | 12 | 36 | 48 | 8GB31477RC | 21070.- | 1 |
| Betabusplus (Vertical Busbar DBs with MCCB as an incomer), IP42 : (Suitable for 3VT1/3VA1 MCCBs, upto 160A as an incomer) | | | | | | | |
|  | 4 way | 12 | 12 | 24 | 8GB31571RC | 13500.- | 1 |
| | 6 way | 12 | 18 | 30 | 8GB31572RC | 17035.- | 1 |
| | 8 way | 12 | 24 | 36 | 8GB31573RC | 18380.- | 1 |
| | 12 way | 12 | 36 | 48 | 8GB31574RC | 24480.- | 1 |
| BetaMulti (DBs for power & communication), IP42 : | | | | | | | |
|  | 12 way SPN, provision | 2 | 12 | 14 | 8GB31215RC | 6670.- | 1 |
| | 4 Way TPN, Provision | 8 | 12 | 20 | 8GB31220RC | 8285.- | 1 |
| | 6 way TPN, provision | 8 | 18 | 26 | 8GB31221RC | 8650.- | 1 |
| | 8 Way TPN Provision | 8 | 24 | 32 | 8GB31222RC | 9550.- | 1 |
| Beta CO (DBs with built-in pre-wired phase changeover switches), IP42 : | | | | | | | |
|  | 40 A, 4 Way TPN, built-in | 8 | 12 | 20 | 8GB31850RC | 16580.- | 1 |
| | 40 A, 6 Way TPN, built-in | 8 | 18 | 26 | 8GB31851RC | 17100.- | 1 |
| | 40 A, 8 Way TPN, built-in | 8 | 24 | 32 | 8GB31852RC | 18005.- | 1 |
| | 40 A, 12 Way TPN, built-in | 8 | 36 | 44 | 8GB31854RC | 21620.- | 1 |
| | 63 A, 4 Way TPN, built-in | 8 | 12 | 20 | 8GB31860RC | 17285.- | 1 |
| | 63 A, 6 Way TPN, built-in | 8 | 18 | 26 | 8GB31861RC | 17825.- | 1 |
| | 63 A, 8 Way TPN, built-in | 8 | 24 | 32 | 8GB31862RC | 19445.- | 1 |
| | 63 A, 12 Way TPN, built-in | 8 | 36 | 44 | 8GB31864RC | 21970.- | 1 |
| Wire Way Boxes (WWB) | | | | | | | |
|  | WWB for Flexi DB,8Mod | — | — | — | 8GB9908FWWNT | 1840.- | 1/5 |
| | WWB for Flexi DB,12Mod | — | — | — | 8GB9912FWWNT | 2060.- | 1/5 |
| | WWB for Flexi DB,16Mod | — | — | — | 8GB9916FWWNT | 2455.- | 1/5 |
| | WWB for Bus DB | — | — | — | 8GB99BUSWWNT | 2750.- | 1/5 |
| | WWB for Bus Plus DB | — | — | — | 8GB99BPLUSWWNT | 2980.- | 1/5 |


Note:


* MRP - Maximum Retail Price

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

Industrial plug & sockets

| | Item Description | Incoming Slots (MW) | Outgoing Slots (MW) | Total Slots (MW) | Reference No | Unit MRP* ₹ | Std. Pkg.** (Nos.) |
|---|-----------------------------|---------------------|---------------------|------------------|---------------|-------------|--------------------|
| Modular Device Boxes (MDB) | | | | | | | |
| | MDB for Flexi DB, 8Mod/Row | — | — | 8 | 8GB9908FMDTC | 2250.- | 1/5 |
|  | MDB for Flexi DB, 12Mod/Row | — | — | 12 | 8GB9912FMDTC | 2555.- | 1/5 |
| | MDB for Flexi DB, 16Mod/Row | — | — | 16 | 8GB9916FMDTC | 2850.- | 1/5 |
| | MDB for Bus DB | — | — | 12 | 8GB99BUSMBTC | 3175.- | 1/5 |
| | MDB for Bus Plus DB | — | — | 12 | 8GB99PLUSMBTC | 3455.- | 1/5 |

| | Item Description | Total Slots (MW) | Reference No | Unit MRP* ₹ | Std. Pkg.** (Nos.) |
|---|---|------------------|--------------|-------------|--------------------|
| Plug & Socket, IP20 with provision for MCB mounting : | | | | | |
|  | 1 Phase 20A, 1P MCB | 1 | 8GB0501RC | 1890.- | 1/20 |
| | 1 Phase 20A, 2P MCB | 2 | 8GB0501SRC | 1890.- | 1/20 |
| | 3 Phase 32A, 3P MCB | 3 | 8GB0502 | 4015.- | 1/15 |
| | 3 Phase 32A, 3P+N MCB | 4 | 8GB0502S | 4015.- | 1/15 |
| | 5 Pin (3P+N+PE) 3Phase 32A MCB 3P+N MCB | 8 | 8GB050332 | 6335.- | 1/5 |
| | 5 Pin (3P+N+PE) 3Phase 63A MCB 3P+N MCB | 8 | 8GB050363 | 16510.- | 1/5 |

Simbox WP










| | Item Description | Total Slots (MW) | Reference No | Unit MRP* ₹ | Std. Pkg.** (Nos.) |
|---|--------------------------------|------------------|--------------|-------------|--------------------|
| Simbox WP (IP65 DBs) | | | | | |
|  | 1 Row, 4Mod | 4 | 8GB13710 | 5700.- | 1 |
| | 1 Row 8Mod | 8 | 8GB13711 | 7240.- | 1 |
| | 1 Row 12Mod | 12 | 8GB13712 | 12925.- | 1 |
| | 1 Row 18Mod | 18 | 8GB13713 | 16740.- | 1 |
| | 2 Row 2 x 12Mod | 24 | 8GB13722 | 20665.- | 1 |
| | 2 Row, 2 x 18Mod | 36 | 8GB13723 | 29140.- | 1 |
| | 3 Row, 3 x 18Mod | 54 | 8GB13733 | 51240.- | 1 |
| | 4 Row 4 x 18Mod | 72 | 8GB13743 | 67140.- | 1 |
| Accessories for Simbox WP | | | | | |
|  | Coupling covers, 12M | | 8GB20510 | 1865.- | 1 |
| | Coupling covers, 18M | | 8GB20511 | 2090.- | 1 |
| | Insulated N/PE terminals, 8MW | | 8GB20520 | 2905.- | 1 |
| | Insulated N/PE terminals, 12MW | | 8GB20521 | 4445.- | 1 |
| | Insulated N/PE terminals, 18MW | | 8GB20522 | 6530.- | 1 |
| | Cylindrical security lock | | 8GB20550 | 5300.- | 1 |

Note: * MRP - Maximum Retail Price

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Betagard Distribution Boards Accessories

| | Item Description | Reference No | Unit MRP* ₹ | Std. Pkg.** (Nos.) |
|--|--|--------------|----------------|-----------------------|
| Blanking Plate | | | | |
|  | 0.5 MW | 8GB9905 | 15.- | 25 |
| | 1 MW | 8GB9901 | 70.- | 25 |
| | 1.5 MW | 8GB9902 | 80.- | 25 |
| Insulated Shorting Links | | | | |
| Single Phase Shorting Links for Shorting 1P MCBs | | | | |
| For SPN and TPN PPI DB | | | | |
|  | 5 Leg SP Shorting Link | 8GB9905LSP | 220.- | 10 |
| | 7 Leg SP Shorting Link | 8GB9907LSP | 260.- | 10 |
| | 9 Leg SP Shorting Link | 8GB9909LSP | 305.- | 10 |
| | 11 Leg SP Shorting Link | 8GB9911LSP | 320.- | 10 |
| | 13 Leg SP Shorting Link | 8GB9913LSP | 425.- | 10 |
| | 15 Leg SP Shorting Link | 8GB9915LSP | 520.- | 10 |
| | 17 Leg SP Shorting Link | 8GB9917LSP | 545.- | 10 |
| For TPN DB | | | | |
|  | 4 Leg SP Shorting Link | 8GB9904LSP | 220.- | 10 |
| | 6 Leg SP Shorting Link | 8GB9906LSP | 260.- | 10 |
| | 8 Leg SP Shorting Link | 8GB9908LSP | 305.- | 10 |
| | 10 Leg SP Shorting Link | 8GB9910LSP | 320.- | 10 |
| | 12 Leg SP Shorting Link | 8GB9912LSP | 425.- | 10 |
| | 14 Leg SP Shorting Link | 8GB9914LSP | 520.- | 10 |
| | 16 Leg SP Shorting Link | 8GB9916LSP | 545.- | 10 |
| Two Phase, 1 meter long for shorting 2P MCBs (suitable for maximum of 28 nos. 2MW devices) | | | | |
|  | Shorting link without End caps, Can be cut and used. | 8GB990SLLDP | 5405.- | 1 |
| | End Caps for 2 pole Shorting Links | 8GB990ECLDP | 90.- | 10 |
| Three Phase, 1 meter long for shorting 3P MCBs (suitable for maximum of 19 nos. 3MW devices) | | | | |
|  | Shorting link without Enc caps, Can be cut and used. | 8GB990SLLTP | 5910.- | 1 |
| | End Caps for 3 pole Shorting Links | 8GB990ECLTP | 130.- | 10 |
| Three Phase + N, 1 meter long for shorting TPN MCBs (suitable for maximum of 14 nos. 4MW devices) | | | | |
|  | Shorting link without Enc caps, Can be cut and used. | 8GB990SLLTPN | 6245.- | 1 |
| | End Caps for 3 pole Shorting Links | 8GB990ECLTPN | 165.- | 10 |
| Neutral Terminals | | | | |
| Neutral Terminals For 8GB0 and 8GB31 DBs (Along with Mounting Stands) | | | | |
|  | 5 Way Neutral Link | 8GB9905NL | 235.- | 10 |
| | 11 Way Neutral Link | 8GB9911NL | 350.- | 10 |
| | 13 Way Neutral Link | 8GB9913NL | 405.- | 10 |
| | 15 Way Neutral Link | 8GB9915NL | 450.- | 10 |
| Neutral Terminals For 8GB32 DBs (With Terminal Shroud and Cover) | | | | |
|  | Neutral Terminal 5 Holes | 8GB9905NPE | 260.- | 10 |
| | Neutral Terminal 11 Holes | 8GB9911NPE | 360.- | 10 |
| | Neutral Terminal 13 Holes | 8GB9913NPE | 425.- | 10 |
| | Neutral Terminal 15 Holes | 8GB9915NPE | 475.- | 10 |
| Earth Terminals | | | | |
|  | 5 Way Earth Link | 8GB9905EL | 200.- | 10 |
| | 11 Way Earth Link | 8GB9911EL | 340.- | 10 |
| | 13 Way Earth Link | 8GB9913EL | 360.- | 10 |
| | 15 Way Earth Link | 8GB9915EL | 425.- | 10 |

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5SD7 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

NEW

- 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 μ s) | I_{max} (8/20 μ s) | Remote status | Unit LP* ₹ |
|---------------|---------------|------|--------------|----------------------------------|--------------------------|---------------|------------|
| 5SD74121RC | 240V AC | 1P+N | 4 | 50kA | 50kA | Yes | 18335.- |
| 5SD74141RC | 240/415V AC | 3P+N | 8 | 100kA | 50kA | Yes | 35690.- |

Type 2: Surge Arresters



| Reference No. | Rated voltage | Pole | Module width | U_c | I_{max} (8/20 μ s) | Remote status | Unit LP* ₹ |
|---------------|---------------|------|--------------|---------|--------------------------|---------------|------------|
| 5SD74610RC | 240V AC | 1P | 1 | 335V AC | 20kA | No | 3000.- |
| 5SD74640RC | 240/415V AC | 3P+N | 4 | 335V AC | 40kA | No | 8910.- |

Surge Arresters for Photovoltaic application

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

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



| Reference No. | Rated voltage | Pole | Module width | U_{cpv} | I_{max} (8/20 μ s) | Remote status | Unit LP* ₹ |
|---------------|---------------|-----------|--------------|-----------|--------------------------|---------------|------------|
| 5SD74836RC | 1170V DC | L+ and L- | 3 | 1170V DC | 40kA | No | 5060.- |

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 $I_{mp}(10/350\mu s)$ | | 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 $I_{mp}(10/350\mu s)$ | | 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 | 61010.- |

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 | 27815.- |
| 240/415V | 80A gL/gG | $\leq 1.5kV$ | 40kA | 3P | Yes | 5SD74631 | 18605.- |

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

NEW

Type 3 : Surge Arresters



| Rated voltage | Rated current | Protection level | Rated discharge current | Pole | Reference No. | Unit LP* ₹ |
|--------------------|---------------|------------------|-------------------------|------|---------------|------------|
| 24V AC 34V DC | 26A | 0.65kV | 1kA | 2P | 5SD74325 | 12085.- |
| 120V AC 150V DC | 26A | 0.95kV | 3kA | 2P | 5SD74326 | 13170.- |
| 240V AC 240V DC | 26A | 1.5kV | 3kA | 2P | 5SD74326 | 13520.- |

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-)



5SD74836

| Rated voltage U_N | Rated discharge current | Protection level U_p | Lightning Impulse current (L-N/L-(PE)N) | Max. discharge current | Pole | Remote signaling | Reference No. | Unit LP* ₹ |
|---------------------|-------------------------|------------------------|---|------------------------|------|------------------|---------------|------------------|
| 1000V DC | 15kA | $\leq 3.5kV$ | $\leq 5kA$ | 40kA | 3P | No | 5SD74836 | Price on request |

Replacement Plug



| SPD Type | Type | Connection | Reference No. | Unit LP* ₹ |
|-------------|--------|------------|---------------|------------------|
| 5SD74121 | Type 1 | L-N | 5SD74181 | 21535.- |
| 5SD74131 | | | | |
| 5SD74141 | | | | |
| 5SD74121 | Type 2 | N-PE | 5SD74180 | 14305.- |
| 5SD74131 | | | | |
| 5SD74141 | | | | |
| 5SD7463-0/1 | Type 2 | L-N | 5SD74681 | 5620.- |
| 5SD7464-0/1 | | | | |
| 5SD7464-0/1 | | | | |
| 5SD7422-0/1 | Type 2 | L-N | 5SD74281 | 4335.- |
| 5SD7422-0/1 | | | | |
| 5SD7422-0/1 | Type 2 | N-PE | 5SD74280 | 8210.- |
| 5SD7422-0/1 | | | | |
| 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: 1 unit

* LP - List Price

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SENTRON


Modular Devices

For efficient control and monitoring

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

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Modular Devices

| | Item Description | Rated Current I _n (A) | MW# | Reference No | Unit LP* ₹ | Std. Pkg.** (Nos.) |
|--|---|-------------------------------------|----------|--------------|---------------|-----------------------|
| Changeover switches Standards: IEC 60947-3/DIN EN 60947-3 | | | | | | |
|  | 1C/O, 230V | 20 | 1 | 5TE8161 | 1900.- | 1/10 |
| | 2C/O, 400V | 20 | 1 | 5TE8162 | 3470.- | 1/10 |
| | Group switch, center position, 2C/O, 400V | 20 | 1 | 5TE8142 | 4005.- | 1/10 |
| Insta Contactors Standards: EN 60947-4-1, EN 60947-5-1 | | | | | | |
|  | 2NO contacts, 230Vac | 20 | 1 | 5TT58000 | 3020.- | 1/5 |
| | 3NO+1NC contacts, 230Vac/220Vdc (1NC contact rated for 30A) | 40 | 3 | 5TT58410 | 8260.- | 1/5 |
| | 3NO+1NC contacts, 24Vac/24Vdc (1NC contact rated for 30A) | 40 | 3 | 5TT58412 | 8295.- | 1/5 |
| | 4NO contacts, 230Vac/220Vdc | 40 | 3 | 5TT58400 | 8320.- | 1/5 |
| | 4NO contacts, 24Vac/24Vdc | 40 | 3 | 5TT58402 | 8175.- | 1/5 |
| | 3NO+1NC contacts, 230Vac/220Vdc (1NC contact rated for 30A) | 63 | 3 | 5TT58510 | 11500.- | 1/5 |
| | 3NO+1NC contacts, 24Vac/24Vdc, (1NC contact rated for 30A) | 63 | 3 | 5TT58512 | 12160.- | 1/5 |
| | 4NO contacts, 230Vac/220Vdc | 63 | 3 | 5TT58500 | 10545.- | 1/5 |
| 4NO contacts, 24Vac/24Vdc | 63 | 3 | 5TT58502 | 11115.- | 1/5 | |
| Insta Contactors Manual / Automatic with Switching Indicator Standards: IEC60947-4-1, IEC60947-5-1 | | | | | | |
|  | 2NO contacts, 230Vac | 20 | 1 | 5TT58006 | 4020.- | 1/5 |
| | 1NO+1NC contacts, 230Vac | 20 | 1 | 5TT58016 | 6055.- | 1/5 |
| | 4NO contacts, 230Vac | 25 | 2 | 5TT58306 | 5690.- | 1/5 |
| | 4NO contacts, 400Vac | 40 | 3 | 5TT58406 | 12530.- | 1/5 |
| | 4NO contacts, 400Vac | 63 | 3 | 5TT58506 | 15880.- | 1/5 |
| Accessories | | | | | | |
| | Control Switch with 1 Make and 1 Break Contact For AC 230V/400V For 5TT58 and 5TT50 | | | 5TT59101 | 3435.- | 1/10 |






Note:

* LP - List Price # 1MW (Module Width) = 18mm

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Modular Devices




| | Item Description | Rated Current I _n (A) | MW# | Reference No | Unit LP* ₹ | Std. Pkg.** (Nos.) |
|---|--|-------------------------------------|-----|--------------|------------------|-----------------------|
| Twilight switch | | | | | | |
|  | Twilight Switch with light sensor 230 V, 50/60 Hz, 1MW, 16A | | | 7LQ2300 | Price on request | 1 |
| Voltage Relays 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, 230/400Vac | 4 | 2 | 5TT3402 | 13250.- | 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, 230/400Vac | 4 | 2 | 5TT3407 | 22065.- | 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, 230/400Vac | 4 | 2 | 5TT3408 | 25400.- | 1 |
| RYG 3 phase indicator in 1MW | | | | | | |
|  | 3 phase indicator (all with green color cap) | | 1 | 5TE5802 | 3420.- | 1/10 |
| | 3 phase indicator (red/yellow/green) | | 1 | 5TE5803 | 2910.- | 1/10 |
| | Transparent cap (1 set = 3 items, R, Y, G lens) | | | 5TG8070 | 945.- | 1/10 |
| Power ON Indicator (Economy Version) 230 Vac, 1 Phase | | | | | | |
|  | Light indicators for max. cable length up to 5 m with 1 red lamp | | 1 | 5TE5800 | 1810.- | 1/12 |
| | Light indicators for max. cable length up to 250 m with 1 red lamp | | 1 | 5TE5804 | 1440.- | 1/12 |
| | Transparent cap (Red) | | | 5TG8061 | 135.- | 5 |
| | Transparent cap (Green) | | | 5TG8062 | 135.- | 5 |
| | Transparent cap (Yellow) | | | 5TG8063 | 135.- | 5 |
| | Transparent cap (Blue) | | | 5TG8064 | 135.- | 5 |
| Fuse Monitor | | | | | | |
|  | Fuse monitors with transparent caps for all low voltage fuse systems, 230Vac | 4 | 2 | 5TT3170 | 10395.- | 1 |

Note:

* LP - List Price

1MW (Module Width) = 18mm

Modular Devices

| | Item Description | Rated Current I_n (A) | MW [#] | Reference No | Unit LP* ₹ | Std. Pkg.** (Nos.) |
|--|--|----------------------------|-----------------|--------------|---------------|-----------------------|
| Time Switches (Digital) | | | | | | |
|  | Mini digital, daily/weekly program, 100 hours reserve, 230Vac | 16 | 1 | 7LF45015 | 7745.- | 1 |
| | Yearly time switch top digital 230V, 1 channel | 16 | 2 | 7LF45110 | 9260.- | 1 |
| | Yearly time switch top digital 230V, 2 channel | 16 | 2 | 7LF45120 | 20145.- | 1 |
| | Weekly time switch profi digital 230V, 1 channel | 16 | 2 | 7LF45210 | 18770.- | 1 |
| | Weekly time switch profi digital 230V, 2 channel | 16 | 2 | 7LF45220 | 24270.- | 1 |
| | Weekly time switch astro digital 230V, 1 channel | 16 | 2 | 7LF45310 | 16780.- | 1 |
| | Weekly time switch astro digital 230V, 2 channel | 16 | 2 | 7LF45320 | 43490.- | 1 |
| Time Switches (Mechanical) Standards: EN 60730-1 | | | | | | |
|  7LF53005 | Quartz time switch Day 1 NO 230V/50-60Hz 1 MW with power reserve | 16 | 1 | 7LF53011 | 6340.- | 1 |
| | Synchronous time switches without power reserve, for DIN rail mounting, day disk, 1CO, 230V AC | 16 | 3 | 7LF53005 | 3500.- | 1 |
| | Quartz-clock time switches with power reserve for DIN rail mounting, day disk, 1CO, 230V AC | 16 | 3 | 7LF53016 | 6765.- | 1 |
| | Quartz-clock time switches with power reserve for wall mounting, day disk, 1CO, 250Vac | 16 | — | 7LF53050 | 10120.- | 1 |
| | Synchronous time switches without power reserve, for wall mounting, day disk, 1CO, 250Vac | 16 | — | 7LF53010 | 6170.- | 1 |
| Accessories for Digital Time Switches | | | | | | |
|  | USB adapter and software | | | 7LF49410 | 28540.- | 1 |
| | Data key profi, astro | | | 7LF49411 | 2905.- | 1 |

Note:

* LP - List Price

1MW (Module Width) = 18mm

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A detailed view of a Siemens 3VM moulded case circuit breaker. The device is shown from a three-quarter perspective, highlighting its robust, grey plastic housing and the internal metal components. The top panel features a central handle and several terminal blocks. The background is a dark blue grid with glowing orange and blue lines, suggesting a technical or digital environment. The Siemens logo and 'IEC' are visible on the device's surface.

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Ingenuity for life

3VM moulded case circuit breaker

Efficient. Powerful.

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

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3VM Moulded Case Circuit Breakers[§]



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

| Frame Size | Breaking Capacity @ 415VAC, 50Hz | Rated Current In (A) | 3 Pole Type | Unit MRP* ₹ | 4 Pole Type | Unit MRP* ₹ |
|------------|----------------------------------|----------------------|------------------|-------------|------------------|-------------|
| 3VM10 | 25kA | 16 | 3VM10963ED320AA0 | - | 3VM10963ED420AA0 | - |
| | | 20 | 3VM10203ED320AA0 | - | 3VM10203ED420AA0 | - |
| | | 25 | 3VM10253ED320AA0 | - | 3VM10253ED420AA0 | - |
| | | 32 | 3VM10323ED320AA0 | - | 3VM10323ED420AA0 | - |
| | | 40 | 3VM10403ED320AA0 | - | 3VM10403ED420AA0 | - |
| | | 50 | 3VM10503ED320AA0 | - | 3VM10503ED420AA0 | - |
| | | 63 | 3VM10633ED320AA0 | - | 3VM10633ED420AA0 | - |
| | | 80 | 3VM10803ED320AA0 | - | 3VM10803ED420AA0 | - |
| 3VM11 | 25kA | 100 | 3VM10103ED320AA0 | - | 3VM10103ED420AA0 | - |
| | | 125 | 3VM11123ED320AA0 | - | 3VM11123ED420AA0 | - |
| | | 160 | 3VM11163ED320AA0 | - | 3VM11163ED420AA0 | - |

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

| Frame Size | Breaking Capacity @ 415VAC, 50Hz | Rated Current In (A) | 3 Pole Type | Unit LP* ₹ | 4 Pole Type | Unit LP* ₹ |
|------------|----------------------------------|----------------------|------------------|------------------|------------------|------------|
| 3VM11 | 25kA | 16 | 3VM11963EE320AA0 | - | 3VM11963GE420AA0 | - |
| | | 20 | 3VM11203EE320AA0 | - | 3VM11203GE420AA0 | - |
| | | 25 | 3VM11253EE320AA0 | - | 3VM11253GE420AA0 | - |
| | | 32 | 3VM11323EE320AA0 | - | 3VM11323GE420AA0 | - |
| | | 40 | 3VM11403EE320AA0 | - | 3VM11403GE420AA0 | - |
| | | 50 | 3VM11503EE320AA0 | - | 3VM11503GE420AA0 | - |
| | | 63 | 3VM11633EE320AA0 | - | 3VM11633GE420AA0 | - |
| | | 80 | 3VM11803EE320AA0 | - | 3VM11803GE420AA0 | - |
| | | 100 | 3VM11103EE320AA0 | - | 3VM11103GE420AA0 | - |
| | | 125 | 3VM11123EE320AA0 | - | 3VM11123GE420AA0 | - |
| 3VM12 | 36kA | 160 | 3VM11163EE320AA0 | - | 3VM11163GE420AA0 | - |
| | | 200 | 3VM12204EE320AA0 | - | 3VM12204GE420AA0 | - |
| 250 | | 3VM12254EE320AA0 | - | 3VM12254GE420AA0 | - | |
| 3VM13 | | 320 | 3VM13324EE320AA0 | - | 3VM13324GE420AA0 | - |
| | | 400 | 3VM13404EE320AA0 | - | 3VM13404GE420AA0 | - |
| 3VM14 | | 500 | 3VM14504EE320AA0 | - | 3VM14504GE420AA0 | - |
| | | 630 | 3VM14634EE320AA0 | - | 3VM14634GE420AA0 | - |

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

| MLFB | Description | Unit LP* ₹ |
|--|-------------------------------|------------|
| Auxiliary Switches and Alarm Switches (1 C/O) | | |
| 3VM9988-0AA12 | Auxiliary Switch AUX (1 C/O) | - |
| 3VM9988-0AB12 | Trip Alarm Switch TAS (1 C/O) | - |

External Accessories:

| MLFB | Description | Unit LP* ₹ |
|-----------------------|--|------------|
| Rotary Handles | | |
| 3VM9117-0FK51 | Door mounted Rotary Operator with 8UC drive, Standard, 3VM10/ 11 | - |
| 3VM9217-0FK51 | Door mounted Rotary Operator with 8UC drive, Standard, 3VM12 | - |
| 3VM9417-0FK51 | Door mounted Rotary Operator with 8UC drive, Standard, 3VM13/ 14 | - |

Raja⁺ DOL Starters[@] 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 | | Relay Range A | Reference No ¹⁾ | Unit MRP* ₹ | Std. Pkg. (Nos.) |
|--|--------------|------|---------------|----------------------------|-------------|------------------|
| | HP | kW | | | | |
| | 0.33 | 0.25 | 0.63-1 | 3TW72911A.64 | - | 1 |
| | 0.75 | 0.55 | 1-1.6 | 3TW72911A.66 | | 1 |
| | 1 | 0.75 | 1.6-2.5 | 3TW72911A.68 | | 1 |
| | 1.5 | 1.1 | 2-3.2 | 3TW72911A.69 | | 1 |
| | 2 | 1.5 | 3.2-5 | 3TW72911A.71 | | 1 |
| | 3 | 2.2 | 4-6.3 | 3TW72911A.72 | | 1 |
| | 5 | 3.7 | 6.3-10 | 3TW72911A.74 | | 1 |
| | - | - | 8-12.5 | 3TW72911A.75 | | 1 |
| | 7.5 | 5.5 | 10-16 | 3TW72911A.77 | | 1 |
| | 10 | 7.5 | 12.5-20 | 3TW72911A.78 | | 1 |

¹⁾ Enter code for coil voltage, 50Hz (B for 200-400V, W for 415V)


[@] Kindly refer latest Motor Control Products Price List for prices

* MRP - Maximum Retail Price LP - List Price

[§] Kindly refer latest LV Power Distribution Products Price List for prices

Switch disconnecter fuse[@] Superswitch 3KL8 in open execution 3PN

Switch Disconnector fuse: 3KL8 for power distribution (in Open Execution 3PN)[^]

| | Rated current I _e @ 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 |

[^] 3PN is 3 Pole with neutral link

Selection table for SS Housing for 3KL8




| | Rated current I _e (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 I _e (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[@]

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 | - | |
|  | 1 | 125 | 3NA7 832-ORC | - | |
| | | 160 | 3NA7 836-ORC | - | |
| | | 50 | 3NA7 120-ORC | - | 1/3 |
| | | 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 [#] | 3NA7 260-ORC | - | |
|  | 3 | 315 | 3NA3 352-ORC | - | 1/3 |
| | | 400 | 3NA3 360-ORC | - | |
| | | 500 | 3NA3 365-ORC | - | |
| | | 630 | 3NA3 372-ORC | - | |
| | | 800 [#] | 3NA3 375-ORC | - | |

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.) |
|---|------------------------|---------------------|---------------------|------------------|--------------|------------------|--------------------|
| BetaMulti (DBs for power & communication), IP42 : | | | | | | | |
|  | 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 |
| Beta CO (DBs with provision for phase changeover switches), IP42 : | | | | | | | |
|  | 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 |

Discontinued Products

Betagard Circuit Breakers 5SY7, with D Characteristics

| Reference No. | Reference No. | Reference No. | Reference No. |
|---------------|---------------|---------------|---------------|
| 5SY71058CC | 5SY72058CC | 5SY73058CC | 5SY74058CC |
| 5SY71018CC | 5SY72018CC | 5SY73018CC | 5SY74018CC |
| 5SY71028CC | 5SY72028CC | 5SY73028CC | 5SY74028CC |
| 5SY71038CC | 5SY72038CC | 5SY73038CC | 5SY74038CC |
| 5SY71048CC | 5SY72048CC | 5SY73048CC | 5SY74048CC |
| 5SY71068CC | 5SY72068CC | 5SY73068CC | 5SY74068CC |
| 5SY71088CC | 5SY72088CC | 5SY73088CC | 5SY74088CC |
| 5SY71108CC | 5SY72108CC | 5SY73108CC | 5SY74108CC |
| 5SY71138CC | 5SY72138CC | 5SY73138CC | 5SY74138CC |
| 5SY71168CC | 5SY72168CC | 5SY73168CC | 5SY74168CC |
| 5SY71208CC | 5SY72208CC | 5SY73208CC | 5SY74208CC |
| 5SY71258CC | 5SY72258CC | 5SY73258CC | 5SY74258CC |
| 5SY71328CC | 5SY72328CC | 5SY73328CC | 5SY74328CC |
| 5SY71408CC | 5SY72408CC | 5SY73408CC | 5SY74408CC |
| 5SY71508CC | 5SY72508CC | 5SY73508CC | 5SY74508CC |
| 5SY71638CC | 5SY72638CC | 5SY73638CC | 5SY74638CC |

Betagard Circuit Breakers 5SY5, DC with C Characteristics

| Reference No. | Reference No. |
|---------------|---------------|
| 5SY51057CC | 5SY52057CC |
| 5SY51017CC | 5SY52017CC |
| 5SY51027CC | 5SY52027CC |
| 5SY51037CC | 5SY52037CC |
| 5SY51047CC | 5SY52047CC |
| 5SY51067CC | 5SY52067CC |
| 5SY51087CC | 5SY52087CC |
| 5SY51107CC | 5SY52107CC |
| 5SY51137CC | 5SY52137CC |
| 5SY51167CC | 5SY52167CC |
| 5SY51207CC | 5SY52207CC |
| 5SY51257CC | 5SY52257CC |
| 5SY51327CC | 5SY52327CC |
| 5SY51407CC | 5SY52407CC |
| 5SY51507CC | 5SY52507CC |
| 5SY51637CC | 5SY52637CC |

Betagard Distribution Boards MB DBs

| Reference No. | Reference No. |
|---------------|---------------|
| 8GB31810RC01 | 8GB31810RC03 |
| 8GB31811RC01 | 8GB31811RC03 |
| 8GB31812RC01 | 8GB31812RC03 |
| 8GB31813RC01 | 8GB31813RC03 |
| 8GB31814RC01 | 8GB31814RC03 |
| 8GB31815RC01 | 8GB31815RC03 |
| 8GB31810RC02 | |
| 8GB31811RC02 | |
| 8GB31812RC02 | |
| 8GB31813RC02 | |
| 8GB31814RC02 | |
| 8GB31815RC02 | |

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.

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Note

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

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

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

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Ingenuity for life



5SL Miniature 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



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)

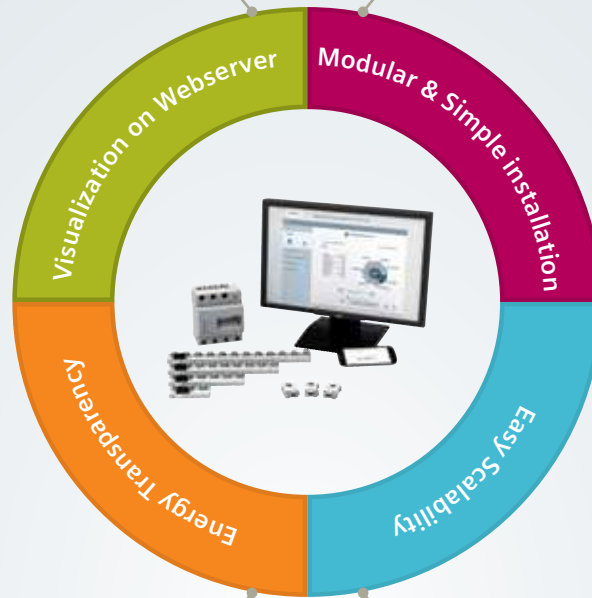
*For more details, contact nearest Siemens Sales Office



- Modbus TCP/IP communication
- Simple configuration of system via powerconfig v3.6 and web server
- Visualization of consumption via Webserver and Mobile App (Android /iOS)

fast

- 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



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 Part 1: MCBs for AC Systems | IS 60898-1 | IEC 60898-1 | ✓ | – | – | – | – | – | – | – |
| Low-voltage switchgear and controlgear 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: Protection against solid foreign objects | | Second digit: 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 |

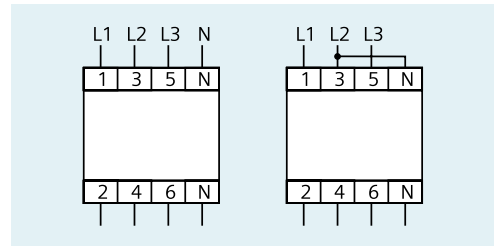


Installation Guideline for RCCB

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

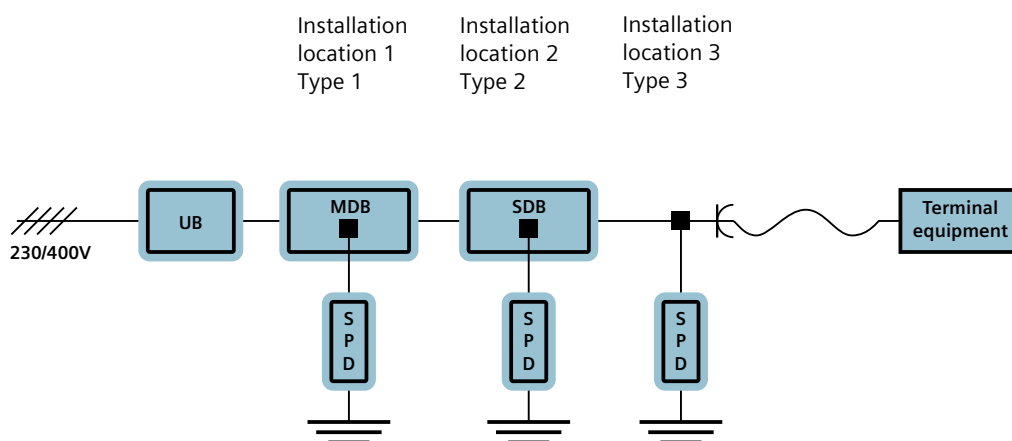
| | | | | | 6 mA | 10 mA | | |
|---------|--|---|---|---|------|-------|---|---|
| Type AC | | ■ | - | - | - | - | - | - |
| Type A | | ■ | ■ | ■ | ■ | - | - | - |
| Type F | | ■ | ■ | ■ | ■ | ■ | ■ | - |
| Type B | | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
| Type B+ | | ■ | ■ | ■ | ■ | ■ | ■ | ■ |

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

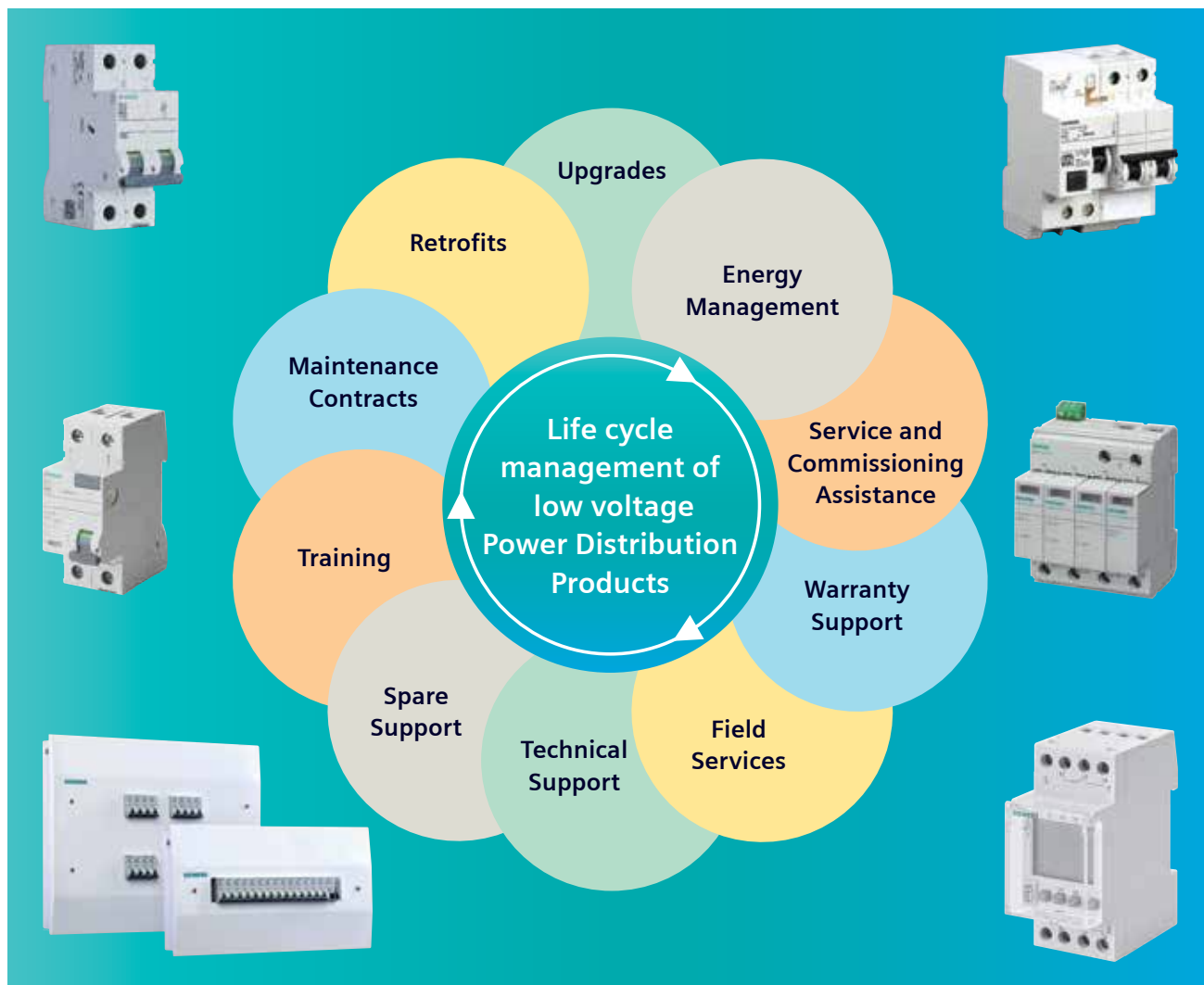
SDB: Sub Distribution board

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).

One point contact for your service needs

The comprehensive range of services from Siemens is sure to cover the needs of the most varied users. We offer structured

services, designed to give you valuable support in every phase during the lifecycle of your Final Distribution Products.



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- Annual maintenance contracts
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