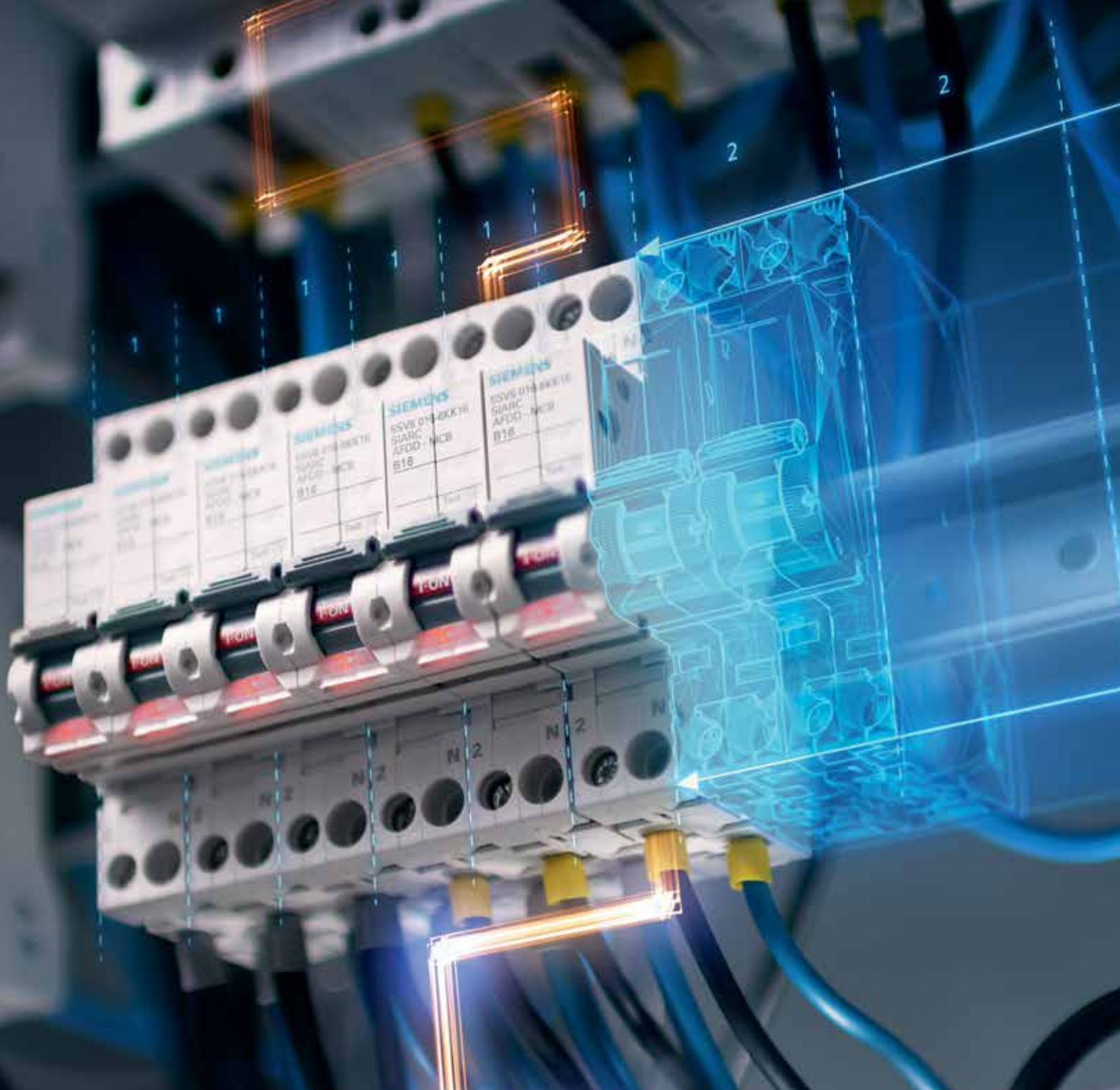




Our commitment is **your safe future**

Electrical Installations from A to Z
Price List w.e.f. 1st March, 2022

SIEMENS



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

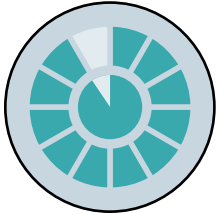


Sr. No.	Items	Pg. No.
1	Betagard Miniature Circuit Breakers	
	5SL6, 7.5kA with C characteristics	5
	5SL6, 7.5kA with B characteristics	6
	5SL4, 10kA with C characteristics	7
	5SL7, with C characteristics	8
	5SL7, with D characteristics	9
2	Betagard Circuit Breakers	
	5SL7, with K characteristics NEW	11
	5SL4, with Z characteristics NEW	12
	5SY4, 10kA CBs with C characteristics	13
	5SP4, 10kA with C and D characteristics	13
3	Betagard Isolators	
5TL1 Isolators	14	
4	Betagard DC Circuit Breakers	
	5SL5, 10kA DC with C characteristics	14
	5SL5, 4-pole DC with C Characteristics NEW	15
5	Betagard Residual Current Circuit Breakers	
	5SV RCCB - Type AC, Type A	18
	5SM3 RCCB - Type AC, Type A	19
6	Betagard Residual Current Breaker Operators	
	5SU1 RCBO, 10kA, Type AC with C and D characteristics	20
	5SU1 RCBO, 10kA, Type A with C and D characteristics	21
7	Betagard Accessories	22
8	SINOVA - MCB, RCCB, ACCL, Switch NEW Disconnecter	23
9	Arc Fault Detection Devices (AFDD) NEW	24-27
10	Betagard Distribution Boards	
	8GB32 SPN, TPN & Phase Segregated DBs	29-31
	Industrial Plug & Socket DBs, Simbox WP DBs	32
	Accessories for Betagard DBs	33
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	Surge Protection Devices	34-37
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	Twilight switch, Voltage relays, Indicators and Fuse monitors	40
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13	SINOVA MCCBs - 3VJ, NEW RAJA* Starters ordering info	42-44
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Betagard 5SL MCBs – Inspiring Safety



Terminal covers for protection



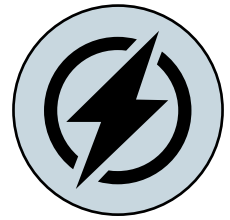
High Endurance Cycle



Ergonomic Handle for Identification



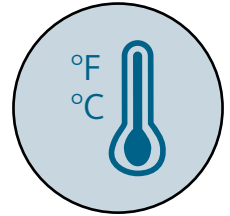
High Breaking capacity (Icn)



Very low watt loss

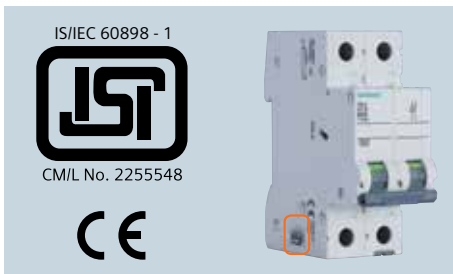


High ambient temperature

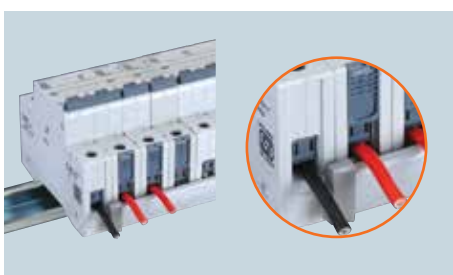


With SLR

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

IS/IEC 60898 - 1



CML No. 2255548

- 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	475.-	1/12
	0.5	1	5SL61017RC	475.-	1/12
	1	1	5SL61027RC	475.-	1/12
	2	1	5SL61037RC	475.-	1/12
	3	1	5SL61047RC	475.-	1/12
	4	1	5SL61067RC	294.-	1/12
	6	1	5SL61087RC	294.-	1/12
	8	1	5SL61107RC	294.-	1/12
	10	1	5SL61137RC	294.-	1/12
	13	1	5SL61167RC	294.-	1/12
	16	1	5SL61207RC	294.-	1/12
	20	1	5SL61257RC	294.-	1/12
	25	1	5SL61327RC	294.-	1/12
	32	1	5SL61407RC	648.-	1/12
	40	1	5SL61507RC	745.-	1/12
50	1	5SL61637RC	745.-	1/12	
63	1	5SL61637RC	745.-	1/12	
	2P, 415V AC	2	5SL62057RC	1269.-	1/6
	0.5	2	5SL62017RC	1269.-	1/6
	1	2	5SL62027RC	1269.-	1/6
	2	2	5SL62037RC	1269.-	1/6
	3	2	5SL62047RC	1269.-	1/6
	4	2	5SL62067RC	950.-	1/6
	6	2	5SL62087RC	950.-	1/6
	8	2	5SL62107RC	950.-	1/6
	10	2	5SL62137RC	950.-	1/6
	13	2	5SL62167RC	950.-	1/6
	16	2	5SL62207RC	950.-	1/6
	20	2	5SL62257RC	950.-	1/6
	25	2	5SL62327RC	950.-	1/6
	32	2	5SL62407RC	1333.-	1/6
	40	2	5SL62507RC	1565.-	1/6
50	2	5SL62637RC	1565.-	1/6	
63	2	5SL62637RC	1565.-	1/6	
	3P, 415V AC	3	5SL63057RC	1782.-	1/4
	0.5	3	5SL63017RC	1782.-	1/4
	1	3	5SL63027RC	1782.-	1/4
	2	3	5SL63047RC	1782.-	1/4
	4	3	5SL63067RC	1427.-	1/4
	6	3	5SL63107RC	1427.-	1/4
	10	3	5SL63167RC	1427.-	1/4
	16	3	5SL63207RC	1427.-	1/4
	20	3	5SL63257RC	1427.-	1/4
	25	3	5SL63327RC	1427.-	1/4
	32	3	5SL63407RC	1997.-	1/4
	40	3	5SL63507RC	2230.-	1/4
	50	3	5SL63637RC	2230.-	1/4
	63	3	5SL63637RC	2230.-	1/4
		4P, 415V AC	4	5SL64057RC	2460.-
0.5		4	5SL64017RC	2460.-	1/3
1		4	5SL64027RC	2460.-	1/3
2		4	5SL64047RC	2460.-	1/3
4		4	5SL64067RC	1973.-	1/3
6		4	5SL64107RC	1973.-	1/3
10		4	5SL64167RC	1973.-	1/3
16		4	5SL64207RC	1973.-	1/3
20		4	5SL64257RC	1973.-	1/3
25		4	5SL64327RC	1973.-	1/3
32		4	5SL64407RC	2549.-	1/3
40		4	5SL64507RC	2952.-	1/3
50		4	5SL64637RC	2952.-	1/3
63		4	5SL64637RC	2952.-	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)

Miniature Circuit Breakers

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	289.-	1/12
	10		5SL61106RC	289.-	1/12
	16		5SL61166RC	289.-	1/12
	20		5SL61206RC	289.-	1/12
	25		5SL61256RC	289.-	1/12
	32		5SL61326RC	289.-	1/12
	40		5SL61406RC	644.-	1/12
	50		5SL61506RC	724.-	1/12
	63		5SL61636RC	724.-	1/12
	2P, 415V AC 		6	2	5SL62066RC
10		5SL62106RC	939.-		1/6
16		5SL62166RC	939.-		1/6
20		5SL62206RC	939.-		1/6
25		5SL62256RC	939.-		1/6
32		5SL62326RC	939.-		1/6
40		5SL62406RC	1321.-		1/6
50		5SL62506RC	1553.-		1/6
63		5SL62636RC	1553.-		1/6
3P, 415V AC 		6	3		5SL63066RC
	10	5SL63106RC		1427.-	1/4
	16	5SL63166RC		1427.-	1/4
	20	5SL63206RC		1427.-	1/4
	25	5SL63256RC		1427.-	1/4
	32	5SL63326RC		1427.-	1/4
	40	5SL63406RC		1971.-	1/4
	50	5SL63506RC		2211.-	1/4
	63	5SL63636RC		2211.-	1/4
	4P, 415V AC 	6		4	5SL64066RC
10		5SL64106RC	1962.-		1/3
16		5SL64166RC	1962.-		1/3
20		5SL64206RC	1962.-		1/3
25		5SL64256RC	1962.-		1/3
32		5SL64326RC	1962.-		1/3
40		5SL64406RC	2449.-		1/3
50		5SL64506RC	2943.-		1/3
63		5SL64636RC	2943.-		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	1	5SL41057RC	530.-	1/12
	2	■ 5SL41027RC	530.-	1/12	
	3	5SL41037RC	530.-	1/12	
	4	5SL41047RC	530.-	1/12	
	6	■ 5SL41067RC	343.-	1/12	
	8	5SL41087RC	343.-	1/12	
	10	■ 5SL41107RC	343.-	1/12	
	13	5SL41137RC	343.-	1/12	
	16	■ 5SL41167RC	343.-	1/12	
	20	■ 5SL41207RC	343.-	1/12	
	25	5SL41257RC	343.-	1/12	
	32	■ 5SL41327RC	343.-	1/12	
	40	5SL41407RC	748.-	1/12	
	50	5SL41507RC	770.-	1/12	
63	5SL41637RC	770.-	1/12		
	2P, 415V AC	2	5SL42057RC	1421.-	1/6
	2	■ 5SL42027RC	1421.-	1/6	
	3	5SL42037RC	1421.-	1/6	
	4	■ 5SL42047RC	1421.-	1/6	
	6	■ 5SL42067RC	1019.-	1/6	
	8	5SL42087RC	1019.-	1/6	
	10	■ 5SL42107RC	1019.-	1/6	
	13	5SL42137RC	1019.-	1/6	
	16	■ 5SL42167RC	1019.-	1/6	
	20	■ 5SL42207RC	1019.-	1/6	
	25	5SL42257RC	1019.-	1/6	
	32	5SL42327RC	1019.-	1/6	
	40	5SL42407RC	1643.-	1/6	
	50	5SL42507RC	1643.-	1/6	
63	5SL42637RC	1643.-	1/6		
	3P, 415V AC	3	5SL43057RC	2296.-	1/4
	2	5SL43027RC	2296.-	1/4	
	3	5SL43037RC	2296.-	1/4	
	4	5SL43047RC	2296.-	1/4	
	6	■ 5SL43067RC	1711.-	1/4	
	8	5SL43087RC	1711.-	1/4	
	10	■ 5SL43107RC	1711.-	1/4	
	13	5SL43137RC	1711.-	1/4	
	16	■ 5SL43167RC	1711.-	1/4	
	20	■ 5SL43207RC	1711.-	1/4	
	25	5SL43257RC	1711.-	1/4	
	32	■ 5SL43327RC	1711.-	1/4	
	40	5SL43407RC	2589.-	1/4	
	50	5SL43507RC	2589.-	1/4	
63	■ 5SL43637RC	2589.-	1/4		
	4P, 415V AC	4	5SL44057RC	2887.-	1/3
	2	5SL44027RC	2887.-	1/3	
	3	5SL44037RC	2887.-	1/3	
	4	5SL44047RC	2887.-	1/3	
	6	5SL44067RC	2369.-	1/3	
	8	5SL44087RC	2369.-	1/3	
	10	5SL44107RC	2369.-	1/3	
	13	5SL44137RC	2369.-	1/3	
	16	5SL44167RC	2369.-	1/3	
	20	5SL44207RC	2369.-	1/3	
	25	5SL44257RC	2369.-	1/3	
	32	■ 5SL44327RC	2369.-	1/3	
	40	5SL44407RC	3231.-	1/3	
	50	5SL44507RC	3231.-	1/3	
63	■ 5SL44637RC	3231.-	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
- With ISI marking: CM/L No. 225548

	Rated Current I_n (A)	MW#	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)	
1P, 240/415V AC 	0.5	NEW	1	5SL71057RC	595.-	1/12
	1			5SL71017RC	595.-	1/12
	2			5SL71027RC	585.-	1/12
	4			5SL71047RC	585.-	1/12
	6			5SL71067RC	505.-	1/12
	10			5SL71107RC	505.-	1/12
	16			5SL71167RC	505.-	1/12
	20			5SL71207RC	505.-	1/12
	25			5SL71257RC	505.-	1/12
	32			5SL71327RC	505.-	1/12
	40			5SL71407RC	790.-	1/12
	50			5SL71507RC	800.-	1/12
	63			5SL71637RC	800.-	1/12
2P, 415V AC 	0.5	NEW	2	5SL72057RC	1600.-	1/6
	1			5SL72017RC	1600.-	1/6
	2			5SL72027RC	1570.-	1/6
	4			5SL72047RC	1570.-	1/6
	6			5SL72067RC	1145.-	1/6
	10			5SL72107RC	1145.-	1/6
	16			5SL72167RC	1145.-	1/6
	20			5SL72207RC	1145.-	1/6
	25			5SL72257RC	1145.-	1/6
	32			5SL72327RC	1145.-	1/6
	40			5SL72407RC	1725.-	1/6
	50			5SL72507RC	1725.-	1/6
	63			5SL72637RC	1725.-	1/6
3P, 415V AC 	0.5	NEW	3	5SL73057RC	2455.-	1/4
	1			5SL73017RC	2455.-	1/4
	2			5SL73027RC	2410.-	1/4
	4			5SL73047RC	2410.-	1/4
	6			5SL73067RC	1815.-	1/4
	10			5SL73107RC	1815.-	1/4
	16			5SL73167RC	1815.-	1/4
	20			5SL73207RC	1815.-	1/4
	25			5SL73257RC	1815.-	1/4
	32			5SL73327RC	1815.-	1/4
	40			5SL73407RC	2710.-	1/4
	50			5SL73507RC	2710.-	1/4
	63			5SL73637RC	2710.-	1/4
4P, 415V AC 	0.5	NEW	4	5SL74057RC	3095.-	1/3
	1			5SL74017RC	3095.-	1/3
	2			5SL74027RC	3035.-	1/3
	4			5SL74047RC	3035.-	1/3
	6			5SL74067RC	2435.-	1/3
	10			5SL74107RC	2435.-	1/3
	16			5SL74167RC	2435.-	1/3
	20			5SL74207RC	2435.-	1/3
	25			5SL74257RC	2435.-	1/3
	32			5SL74327RC	2435.-	1/3
	40			5SL74407RC	3410.-	1/3
	50			5SL74507RC	3410.-	1/3
	63			5SL74637RC	3410.-	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

- Standards: IS/IEC 60898-1
- Voltage: Un 240/415V, 50....60Hz
- Breaking capacity: 15kA¹⁾ as per IS/IEC 60898-1
- With ISI marking: CM/L No. 2255548

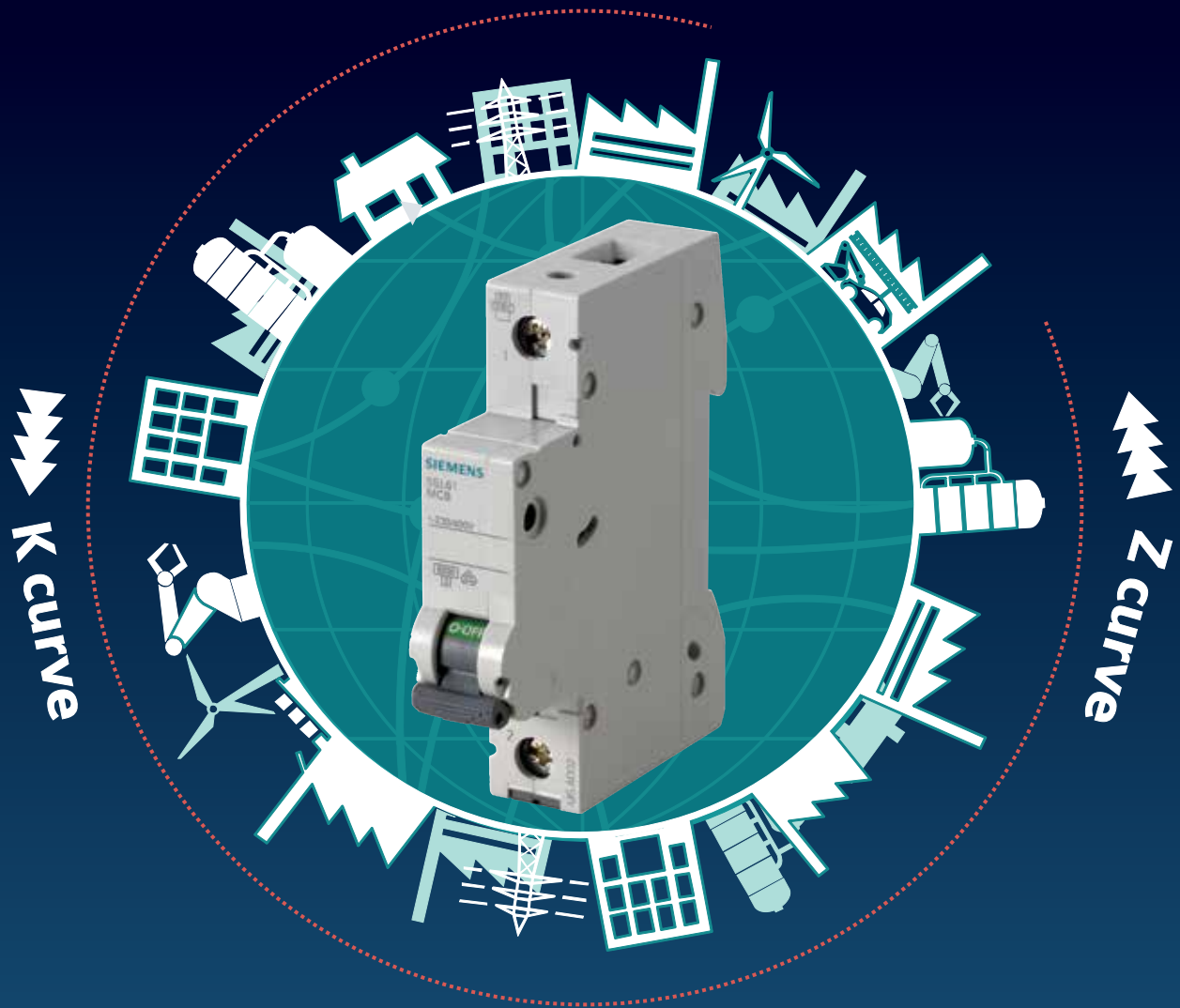
	Rated Current I_n (A)	MW#	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)	
1P, 240/415V AC						
	0.5	NEW	1	5SL71058RC	605.-	1/12
	1			5SL71018RC	605.-	1/12
	2			5SL71028RC	585.-	1/12
	4			5SL71048RC	585.-	1/12
	6			5SL71068RC	525.-	1/12
	10			5SL71108RC	525.-	1/12
	16			5SL71168RC	525.-	1/12
	20			5SL71208RC	525.-	1/12
	25			5SL71258RC	525.-	1/12
	32			5SL71328RC	525.-	1/12
	40			5SL71408RC	1020.-	1/12
	50			5SL71508RC	1020.-	1/12
	63			5SL71638RC	1020.-	1/12
2P, 415V AC						
	0.5	NEW	2	5SL72058RC	1630.-	1/6
	1			5SL72018RC	1630.-	1/6
	2			5SL72028RC	1570.-	1/6
	4			5SL72048RC	1570.-	1/6
	6			5SL72068RC	1205.-	1/6
	10			5SL72108RC	1205.-	1/6
	16			5SL72168RC	1205.-	1/6
	20			5SL72208RC	1205.-	1/6
	25			5SL72258RC	1205.-	1/6
	32			5SL72328RC	1205.-	1/6
	40			5SL72408RC	2225.-	1/6
	50			5SL72508RC	2225.-	1/6
	63			5SL72638RC	2225.-	1/6
3P, 415V AC						
	0.5	NEW	3	5SL73058RC	2505.-	1/4
	1			5SL73018RC	2505.-	1/4
	2			5SL73028RC	2410.-	1/4
	4			5SL73048RC	2410.-	1/4
	6			5SL73068RC	1910.-	1/4
	10			5SL73108RC	1910.-	1/4
	16			5SL73168RC	1910.-	1/4
	20			5SL73208RC	1910.-	1/4
	25			5SL73258RC	1910.-	1/4
	32			5SL73328RC	1910.-	1/4
	40			5SL73408RC	3470.-	1/4
	50			5SL73508RC	3470.-	1/4
	63			5SL73638RC	3470.-	1/4
4P, 415V AC						
	0.5	NEW	4	5SL74058RC	3200.-	1/3
	1			5SL74018RC	3200.-	1/3
	2			5SL74028RC	3085.-	1/3
	4			5SL74048RC	3085.-	1/3
	6			5SL74068RC	2525.-	1/3
	10			5SL74108RC	2525.-	1/3
	16			5SL74168RC	2525.-	1/3
	20			5SL74208RC	2525.-	1/3
	25			5SL74258RC	2525.-	1/3
	32			5SL74328RC	2525.-	1/3
	40			5SL74408RC	4355.-	1/3
	50			5SL74508RC	4355.-	1/3
	63			5SL74638RC	4355.-	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



5SL Circuit Breaker - K & Z Curve

"K" Characteristic Trip Curve:

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

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

"Z" Characteristic Trip Curve:

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

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

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

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SIEMENS

Betagard Circuit Breakers 5SL7, with K characteristics

NEW

- Standards: IS/IEC 60947-2
- Voltage: Un 240/415V, 50....60Hz
- Breaking capacity: 15kA¹⁾ as per IS/IEC 60947-2

	Rated Current I_n (A)	MW#	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
1P, 240/415V AC 	2	1	5SL71023RC	535.-	1/12
	4		5SL71043RC	535.-	1/12
	6		5SL71063RC	475.-	1/12
	10		5SL71103RC	470.-	1/12
	16		5SL71163RC	475.-	1/12
	20		5SL71203RC	470.-	1/12
	25		5SL71253RC	475.-	1/12
	32		5SL71323RC	475.-	1/12
	40		5SL71403RC	840.-	1/12
63	5SL71633RC	980.-	1/12		
2P, 415V AC 	2	2	5SL72023RC	1605.-	1/6
	4		5SL72043RC	1605.-	1/6
	6		5SL72063RC	1485.-	1/6
	10		5SL72103RC	1455.-	1/6
	16		5SL72163RC	1485.-	1/6
	20		5SL72203RC	1455.-	1/6
	25		5SL72253RC	1485.-	1/6
	32		5SL72323RC	1485.-	1/6
	40		5SL72403RC	1795.-	1/6
63	5SL72633RC	2065.-	1/6		
3P, 415V AC 	2	3	5SL73023RC	2490.-	1/4
	4		5SL73043RC	2490.-	1/4
	6		5SL73063RC	2280.-	1/4
	10		5SL73103RC	2235.-	1/4
	16		5SL73163RC	2280.-	1/4
	20		5SL73203RC	2235.-	1/4
	25		5SL73253RC	2280.-	1/4
	32		5SL73323RC	2280.-	1/4
	40		5SL73403RC	2540.-	1/4
63	5SL73633RC	2850.-	1/4		
4P, 415V AC 	2	4	5SL74023RC	3180.-	1/3
	4		5SL74043RC	3180.-	1/3
	6		5SL74063RC	3000.-	1/3
	10		5SL74103RC	2945.-	1/3
	16		5SL74163RC	3000.-	1/3
	20		5SL74203RC	2945.-	1/3
	25		5SL74253RC	3000.-	1/3
	32		5SL74323RC	3000.-	1/3
	40		5SL74403RC	3275.-	1/3
63	5SL74633RC	3690.-	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 5SL4, with Z characteristics

NEW

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

	Rated Current I_n (A)	MW#	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
1P, 240/415V AC 	2	1	5SL41020RC	728.-	1/12
	4		5SL41040RC	728.-	1/12
	6		5SL41060RC	572.-	1/12
	10		5SL41100RC	572.-	1/12
	16		5SL41160RC	572.-	1/12
	20		5SL41200RC	572.-	1/12
	25		5SL41250RC	572.-	1/12
	32		5SL41320RC	572.-	1/12
	40		5SL41400RC	754.-	1/12
	63		5SL41630RC	754.-	1/12
2P, 415V AC 	2	2	5SL42020RC	1378.-	1/6
	4		5SL42040RC	1378.-	1/6
	6		5SL42060RC	1300.-	1/6
	10		5SL42100RC	1300.-	1/6
	16		5SL42160RC	1300.-	1/6
	20		5SL42200RC	1300.-	1/6
	25		5SL42250RC	1300.-	1/6
	32		5SL42320RC	1300.-	1/6
	40		5SL42400RC	1508.-	1/6
	63		5SL42630RC	1508.-	1/6
3P, 415V AC 	2	3	5SL43020RC	2184.-	1/4
	4		5SL43040RC	2184.-	1/4
	6		5SL43060RC	1820.-	1/4
	10		5SL43100RC	1820.-	1/4
	16		5SL43160RC	1820.-	1/4
	20		5SL43200RC	1820.-	1/4
	25		5SL43250RC	1820.-	1/4
	32		5SL43320RC	1820.-	1/4
	40		5SL43400RC	2288.-	1/4
	63		5SL43630RC	2288.-	1/4
4P, 415V AC 	2	4	5SL44020RC	2366.-	1/3
	4		5SL44040RC	2366.-	1/3
	6		5SL44060RC	2054.-	1/3
	10		5SL44100RC	2054.-	1/3
	16		5SL44160RC	2054.-	1/3
	20		5SL44200RC	2054.-	1/3
	25		5SL44250RC	2054.-	1/3
	32		5SL44320RC	2054.-	1/3
	40		5SL44400RC	2579.-	1/3
	63		5SL44630RC	2579.-	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

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	4060.-	1/1
	2Pole		2	5SY42807CC	7980.-	1/1
	3Pole		3	5SY43807CC	12455.-	1/1
	4Pole		4	5SY44807CC	17845.-	1/1




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

IS/IEC 60898 - 1






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

C characteristic

10000A		Rated Current I _n (A)	MW#	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
	1-pole	80	1.5	5SP41807RC	3635.-	1/10
		100		5SP41917RC	3835.-	1/10
		125		5SP41927RC	4350.-	1/10
	2-pole	80	3	5SP42807RC	7140.-	1/5
		100		5SP42917RC	7525.-	1/5
		125		5SP42927RC	8515.-	1/5
	3-pole	80	4.5	5SP43807RC	11145.-	1/1
		100		5SP43917RC	11435.-	1/1
		125		5SP43927RC	13105.-	1/1
	4-pole	80	6	5SP44807RC	15980.-	1/1
		100		5SP44917RC	16445.-	1/1
		125		5SP44927RC	18720.-	1/1

D characteristic

	1-pole	80	1.5	5SP41808RC	4005.-	1/10
		100		5SP41918RC	4200.-	1/10
	2-pole	80	3	5SP42808RC	8035.-	1/5
		100		5SP42918RC	8520.-	1/5
	3-pole	80	4.5	5SP43808RC	12380.-	1/1
		100		5SP43918RC	12505.-	1/1
	4-pole	80	6	5SP44808RC	17410.-	1/1
		100		5SP44918RC	17855.-	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

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.)
1P, 220V DC 	0.5	1	5SL51057RC	880.-	1/12
	1		5SL51017RC	880.-	1/12
	2		5SL51027RC	945.-	1/12
	3		5SL51037RC	995.-	1/12
	4		5SL51047RC	945.-	1/12
	6		5SL51067RC	805.-	1/12
	8		5SL51087RC	850.-	1/12
	10		5SL51107RC	805.-	1/12
	16		5SL51167RC	805.-	1/12
	20		5SL51207RC	805.-	1/12
	25		5SL51257RC	805.-	1/12
	32		5SL51327RC	805.-	1/12
	40		5SL51407RC	1205.-	1/12
	50		5SL51507RC	1205.-	1/12
	63		5SL51637RC	1205.-	1/12
2P, 440V DC 	0.5	2	5SL52057RC	1915.-	1/6
	1		5SL52017RC	1915.-	1/6
	2		5SL52027RC	1915.-	1/6
	3		5SL52037RC	2005.-	1/6
	4		5SL52047RC	1915.-	1/6
	6		5SL52067RC	1675.-	1/6
	8		5SL52087RC	1760.-	1/6
	10		5SL52107RC	1675.-	1/6
	16		5SL52167RC	1675.-	1/6
	20		5SL52207RC	1675.-	1/6
	25		5SL52257RC	1675.-	1/6
	32		5SL52327RC	1675.-	1/6
	40		5SL52407RC	2480.-	1/6
	50		5SL52507RC	2480.-	1/6
	63		5SL52637RC	2480.-	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.)
 2-pole	40	2	5TL12400	810.-	1/1
	63		5TL12630	1065.-	1/1
	80		5TL12800	1395.-	1/1
	100		5TL12910	1775.-	1/1
	125		5TL12920	1845.-	1/1
 3-pole	40	3	5TL13400	1505.-	1/1
	63		5TL13630	1685.-	1/1
	80		5TL13800	2040.-	1/1
	100		5TL13910	2145.-	1/1
	125		5TL13920	2315.-	1/1
 4-pole	40	4	5TL14400	1765.-	1/1
	63		5TL14630	2010.-	1/1
	80		5TL14800	2415.-	1/1
	100		5TL14910	2905.-	1/1
	125		5TL14920	3150.-	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

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

NEW

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

10000A	Rated Current I_n (A)	MW#	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
4P, 880V DC ¹⁾	6	4	5SL54067RC	3390.-	1/3
	10		5SL54107RC	3390.-	1/3
	16		5SL54167RC	3390.-	1/3
	25		5SL54257RC	3605.-	1/3
	32		5SL54327RC	3605.-	1/3
	40		5SL54407RC	4240.-	1/3
	63		5SL54637RC	4450.-	1/3



1) Maximum operational voltage 1000V DC

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

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



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	5SV43120RC	3875.-	1
		100	25		5SV44120RC	4045.-	1
		300	25		5SV46120RC	4180.-	1
		30	40		5SV43140RC	4540.-	1
		100	40		5SV44140RC	4740.-	1
		300	40		5SV46140RC	4920.-	1
		30	63		5SV43160RC	6075.-	1
		100	63		5SV44160RC	6115.-	1
		300	63		5SV46160RC	6505.-	1
		30	80		5SV43170RC	9390.-	1
		100	80		5SV44170RC	9765.-	1
		300	80		5SV46170RC	9765.-	1
	4 Pole	30	25	4	5SV43420RC	5190.-	1
		100	25		5SV44420RC	5380.-	1
		300	25		5SV46420RC	5580.-	1
		30	40		5SV43440RC	5250.-	1
		100	40		5SV44440RC	5455.-	1
		300	40		5SV46440RC	5660.-	1
		30	63		5SV43460RC	6115.-	1
		100	63		5SV44460RC	6360.-	1
		300	63		5SV46460RC	6590.-	1
		30	80		5SV43470RC	9390.-	1
		100	80		5SV44470RC	9765.-	1
		300	80		5SV46470RC	9765.-	1

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

	2 Pole	30	25	2	5SV33126RC	7085.-	1
		100	25		5SV34126RC	8350.-	1
		300	25		5SV36126RC	8350.-	1
		30	40		5SV33146RC	8035.-	1
		100	40		5SV34146RC	8370.-	1
		300	40		5SV36146RC	8370.-	1
		30	63		5SV33166RC	11685.-	1
		100	63		5SV34166RC	12015.-	1
		300	63		5SV36166RC	11445.-	1
		30	80		5SV33176RC	12570.-	1
		100	80		5SV34176RC	13520.-	1
		300	80		5SV36176RC	12875.-	1
	4 Pole	30	25	4	5SV33426RC	8405.-	1
		100	25		5SV34426RC	10370.-	1
		300	25		5SV36426RC	10370.-	1
		30	40		5SV33446RC	9280.-	1
		100	40		5SV34446RC	10370.-	1
		300	40		5SV36446RC	10370.-	1
		30	63		5SV33466RC	10595.-	1
		100	63		5SV34466RC	10530.-	1
		300	63		5SV36466RC	10530.-	1
		30	80		5SV33476RC	12735.-	1
		100	80		5SV34476RC	13520.-	1
		300	80		5SV36476RC	12875.-	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	49000.-	1
	100	100		5SM34480RC	43470.-	1
	300	100		5SM36480RC	41215.-	1
	30	125		5SM33450RC	49000.-	1
	100	125		5SM34450RC	43470.-	1
	300	125		5SM36450RC	41215.-	1
	500	125		5SM37450RC	47455.-	1

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

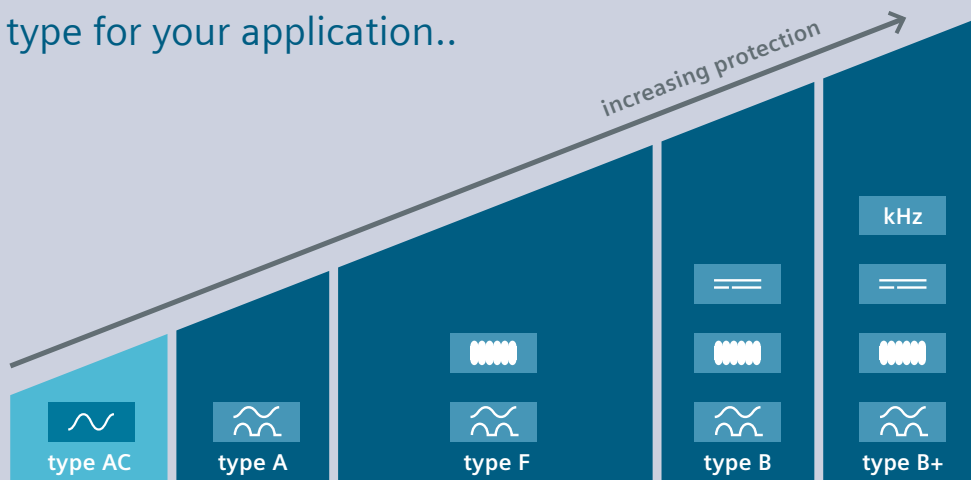
	30	100	4	5SM33486RC	44910.-	1
	100	100		5SM34486RC	43290.-	1
	300	100		5SM36486RC	43985.-	1
	30	125		5SM33456RC	44910.-	1
	100	125		5SM34456RC	43290.-	1
	300	125		5SM36456RC	47985.-	1
	500	125		5SM37456RC	49445.-	1

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 $I_{\Delta n}$ (mA)	Rated Current I_n (A)	MW [#]	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
	240Vac; 50Hz; 2 pole ¹⁾					
	30	6	2	5SU13541RC06	6710.-	1
	30	10		5SU13541RC10	6710.-	1
	30	16		5SU13541RC16	6710.-	1
	30	20		5SU13541RC20	6710.-	1
	30	25		5SU13541RC25	6710.-	1
	30	32		5SU13541RC32	7040.-	1
	30	40		5SU13541RC40	8325.-	1
	300	6		5SU16541RC06	6830.-	1
	300	10		5SU16541RC10	6830.-	1
	300	16		5SU16541RC16	6830.-	1
	300	20		5SU16541RC20	6830.-	1
	300	25		5SU16541RC25	6830.-	1
	300	32		5SU16541RC32	7180.-	1
	300	40		5SU16541RC40	8490.-	1

Type AC with C characteristic

	240Vac; 50Hz; 2 pole					
	30	32	4	5SU13241RC32	6875.-	1
		40		5SU13241RC40	8010.-	1
		63		5SU13241RC63	9310.-	1
	100	32		5SU14241RC32	7590.-	1
		40		5SU14241RC40	8525.-	1
		63		5SU14241RC63	9940.-	1
	300	32		5SU16241RC32	7665.-	1
		40		5SU16241RC40	8610.-	1
	63		5SU16241RC63	9940.-	1	
	415Vac; 50Hz; 4 pole					
	30	32	7	5SU13441RC32	9185.-	1
		40		5SU13441RC40	9350.-	1
		63		5SU13441RC63	11095.-	1
	100	32		5SU14441RC32	9295.-	1
		40		5SU14441RC40	9475.-	1
		63		5SU14441RC63	10890.-	1
	300	32		5SU16441RC32	9370.-	1
		40		5SU16441RC40	9555.-	1
	63		5SU16441RC63	10995.-	1	

Type AC with D characteristic

	240Vac; 50Hz; 2 pole					
	30	32	4	5SU13242RC32	8865.-	1
		40		5SU13242RC40	9715.-	1
		63		5SU13242RC63	11710.-	1
	100	32		5SU14242RC32	10730.-	1
		40		5SU14242RC40	11745.-	1
		63		5SU14242RC63	13410.-	1
	300	32		5SU16242RC32	10485.-	1
		40		5SU16242RC40	11745.-	1
	63		5SU16242RC63	13430.-	1	
	415Vac; 50Hz; 4 pole					
	30	32	7	5SU13442RC32	12145.-	1
		40		5SU13442RC40	12325.-	1
		63		5SU13442RC63	14620.-	1
	100	32		5SU14442RC32	13145.-	1
		40		5SU14442RC40	13730.-	1
		63		5SU14442RC63	15225.-	1
	300	32		5SU16442RC32	12980.-	1
		40		5SU16442RC40	13865.-	1
	63		5SU16442RC63	14905.-	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


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

Residual Current Devices



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)[§]

	Rated residual current $I_{\Delta n}$ (mA)	Rated Current I_n (A)	MW [#]	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
	240Vac; 50Hz; 2 pole ¹⁾					
	30	6	2	5SU13547RC06	12255.-	1
	30	10		5SU13547RC10	12255.-	1
	30	16		5SU13547RC16	12255.-	1
	30	20		5SU13547RC20	12255.-	1
	30	25		5SU13547RC25	12255.-	1
	30	32		5SU13547RC32	12810.-	1
	30	40		5SU13547RC40	15495.-	1
	300	6		5SU16547RC06	12615.-	1
	300	10		5SU16547RC10	12615.-	1
	300	16		5SU16547RC16	12615.-	1
	300	20		5SU16547RC20	12615.-	1
	300	25		5SU16547RC25	12615.-	1
	300	32		5SU16547RC32	13120.-	1
	300	40		5SU16547RC40	15820.-	1

Type A with C characteristic

	240Vac; 50Hz; 2 pole					
	30	32	4	5SU13247RC32	12460.-	1
		40		5SU13247RC40	13705.-	1
		63		5SU13247RC63	15505.-	1
	100	32		5SU14247RC32	13295.-	1
		40		5SU14247RC40	14770.-	1
		63		5SU14247RC63	16780.-	1
	300	32		5SU16247RC32	13295.-	1
		40		5SU16247RC40	14770.-	1
	63		5SU16247RC63	16780.-	1	
	415Vac; 50Hz; 4 pole					
	30	32	7	5SU13447RC32	15250.-	1
		40		5SU13447RC40	15880.-	1
		63		5SU13447RC63	18165.-	1
	100	32		5SU14447RC32	16365.-	1
		40		5SU14447RC40	16675.-	1
		63		5SU14447RC63	18640.-	1
	300	32		5SU16447RC32	16365.-	1
		40		5SU16447RC40	16960.-	1
	63		5SU16447RC63	18930.-	1	

Type A with D characteristic

	240Vac; 50Hz; 2 pole					
	30	32	4	5SU13248RC32	14535.-	1
		40		5SU13248RC40	16405.-	1
		63		5SU13248RC63	18665.-	1
	100	32		5SU14248RC32	15640.-	1
		40		5SU14248RC40	17395.-	1
		63		5SU14248RC63	19815.-	1
	300	32		5SU16248RC32	15640.-	1
		40		5SU16248RC40	17395.-	1
	63		5SU16248RC63	19815.-	1	
	415Vac; 50Hz; 4 pole					
	30	32	7	5SU13448RC32	17995.-	1
		40		5SU13448RC40	18220.-	1
		63		5SU13448RC63	21490.-	1
	100	32		5SU14448RC32	18955.-	1
		40		5SU14448RC40	20255.-	1
		63		5SU14448RC63	22055.-	1
	300	32		5SU16448RC32	18955.-	1
		40		5SU16448RC40	20255.-	1
	63		5SU16448RC63	22060.-	1	

Note: * MRP - Maximum Retail Price





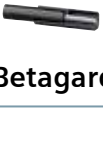
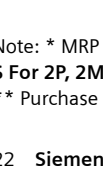
1MW (Module Width) = 18mm

¹⁾ 1P+N variant


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

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	5ST3010	1460.-	12
	2NO	5ST3011	1485.-	1
	2NC	5ST3012	1485.-	1
	1CO	5ST3016	2315.-	1
	Fault signal contact (For 5SL/5SY/5SP4/5SV/5SU1)			
	1NO+1NC	5ST3020	2140.-	1
	2NO	5ST3021	2180.-	1
	2NC	5ST3022	2180.-	1
	Shunt release (For 5SL5/5SL7/5SY/5SP4/5SV/5SU1)			
	110...415V AC	5ST3030	6010.-	1/5
	24...48V DC	5ST3031	6010.-	1/5
	Auxiliary and fault signal changeover contact (For 5SL/5SY/5SP4/5TL/5SV/5SU1)	5ST3062	6565.-	1
	Auxiliary switch - 1CO Fault contact - 1CO			
	Auxiliary contact block for 5SM3 100-125A 4pole			
	1NO+1NC	5SW3330	6135.-	1/10
	Undervoltage release (For 5SL5/5SL7/5SY/5SP4/5SV/5SU1)			
	With integrated aux. switch			
	230V AC	5ST3040	8065.-	1/5
	110V DC	5ST3041	8065.-	1/5
	24V DC	5ST3042	8065.-	1/5
	Without integrated aux. switch			
	230V AC	5ST3043	8065.-	1/5
110V DC	5ST3044	8065.-	1/5	
	24V DC	5ST3045	8065.-	1/5
	Remote control mechanism unit			
	Basic version for 5SL,5SY,5TL1 and 5SU1 (1P+N only) (12-30)VAC & (12-48)VDC, 1.5MW	5ST3053	35980.-	1
	230VAC, 2MW	5ST3054	35980.-	1
	Power version for 5SL,5SY,5TL1 and 5SU1 (12-30)VAC & (12-48)VDC, 2MW	5ST3055	60885.-	1
	230VAC, 2MW	5ST3056	60885.-	1
	Adapter for Remote control mechanism (To be ordered along with 5ST305X basic unit)			
	For 5SL - 1P & 2P, 5SV - 4P	5ST38206	760.-	1
	For 5SL - 3P & 4P	5ST38207	760.-	1
	For 5SY - 1P & 2P and For 5SU1^ - 2P, 4M	5ST38201	760.-	1
	For 5SY - 3P & 4P and For 5SU1^ - 4P, 7M	5ST38202	760.-	1
For 5SU1 - 2P, 2M	5ST38205	760.-	1	
^ Add-on block for 5SU1 to be ordered along with Adapter	5ST38203	1655.-	1	
	Handle locking device			
	for 5SP and 5SY circuit breakers for padlock with max. 3mm shackle	5ST3801	745.-	1
	for 5SL circuit breakers, 5TL1 isolators and 5SV residual current circuit breakers for padlock with max. 3 to 6 mm shackle	5ST3806	710.-	5
	Pad locks for 5ST3801 and 5ST3806 handle locking devices	5ST3802	480.-	5
	Handle connector for 2P, 2M 5SU1 RCBO ⁵ (1set = 5 units in poly bag)	5ST38051	1490.-	1

Betagard Rotary Handle Assembly

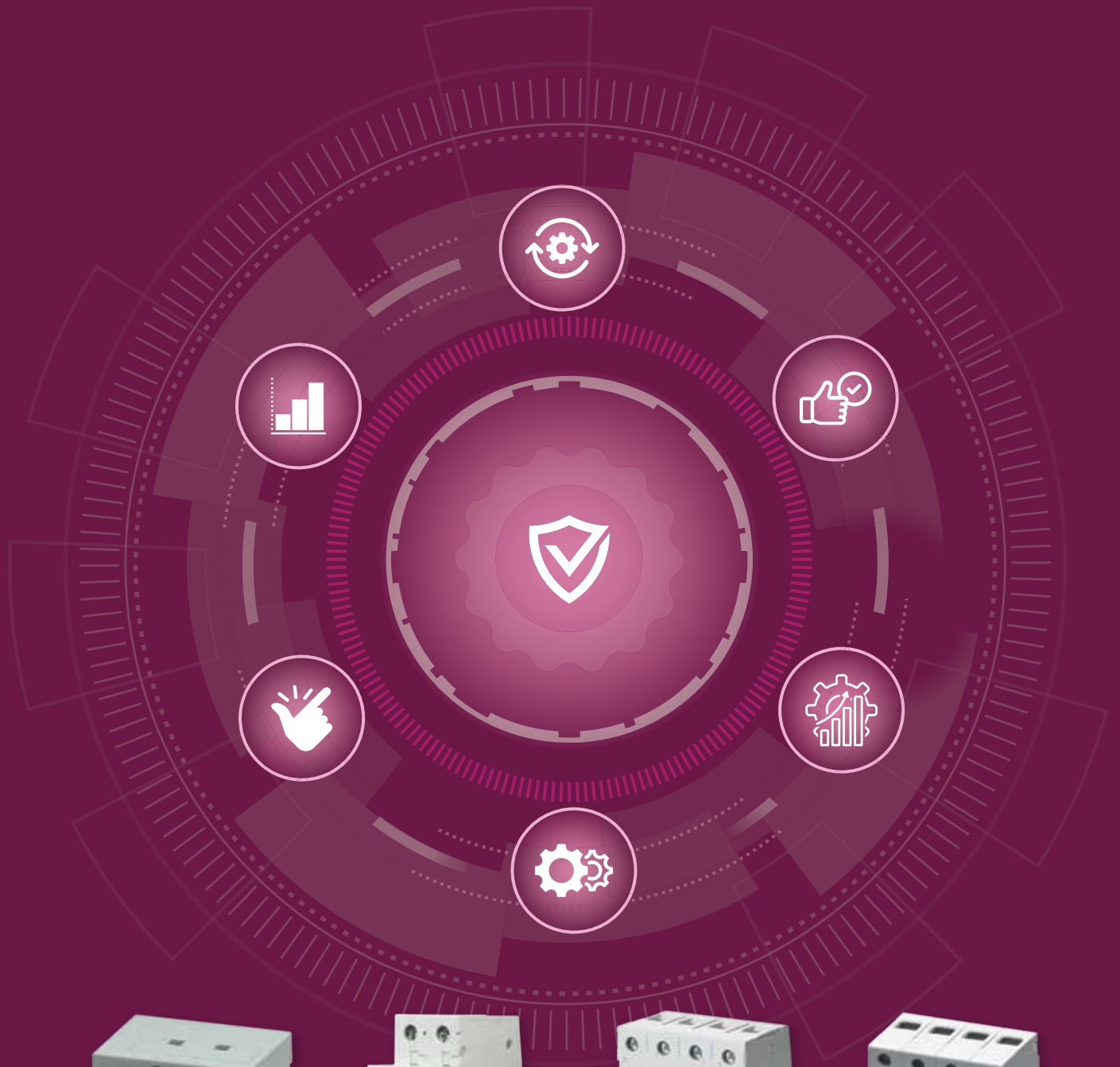
	Item Description	Reference No.	Unit MRP* ₹	Std. Pkg.** (Nos.)
	Rotary Handle Assembly for 5SY, 5SL, 5SP and 5TL1 series of MCBs/ Isolators ⁵⁵	5ST38140RC	2675.-	1

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

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ACCL



MCB



RCCB



Switch
Disconnecter

SINOVA

Simply Efficient

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thanks to

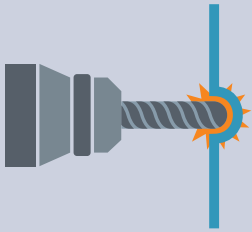
SIARC

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)



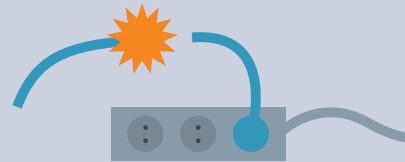
damaged wire insulation



crushed cables

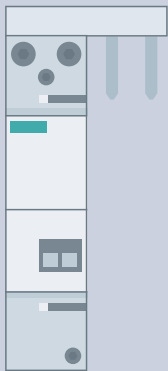


rodent damage



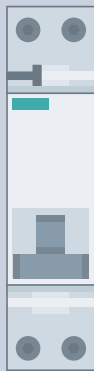
broken cables

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



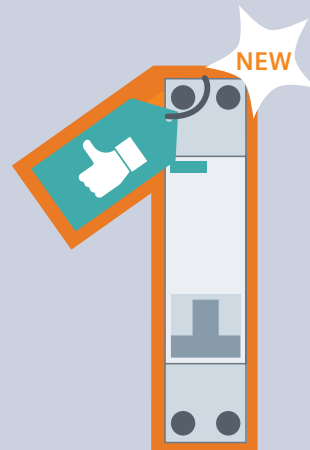
Arc fault detection unit

+



Miniature circuit breaker

=

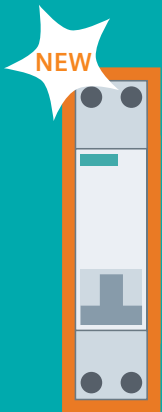


5SV6 AFDD

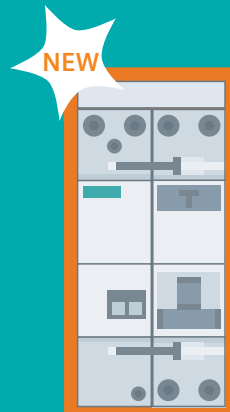
1 MW

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



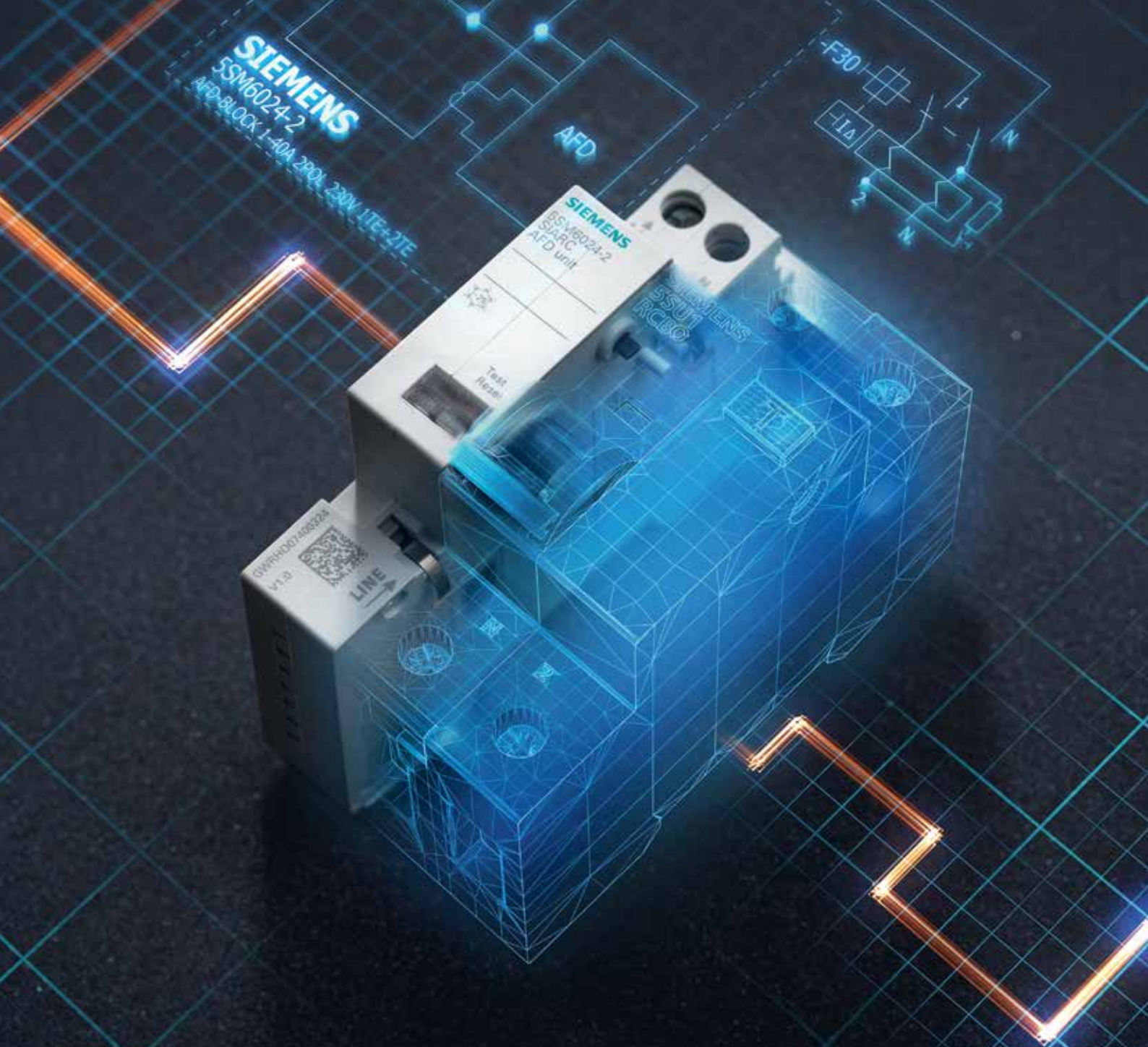
5SM6 AFD unit
+ 5SU1 RCBO = 3 MW

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)



| 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

SIEMENS

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 A, 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



Betagard 8GB Distribution Boards

Perfect blend of beauty and features with assured performance







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

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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	725.-	1/20
	2 Module	-	-	2	8GB32100RC02	1080.-	1/20
	3 Module	-	-	3	8GB32100RC03	1080.-	1/20
	4 Module	-	-	4	8GB32100RC04	1080.-	1/20
	6 Module	-	-	6	8GB32100RC06	1425.-	1/20
	8 Module	-	-	8	8GB32100RC08	1680.-	1/10
SPN Single Door DBs#, IP20:							
	6 Module	2	4	6	8GB32101RC06	2135.-	1
	8 Module	2	6	8	8GB32101RC08	2265.-	1
	10 Module	2	8	10	8GB32101RC10	2730.-	1
	12 Module	2	10	12	8GB32101RC12	2825.-	1
	14 Module	2	12	14	8GB32101RC14	3195.-	1
	16 Module	2	14	16	8GB32101RC16	3445.-	1
SPN Metal Double Door DBs#, IP 43:							
	6 Module	2	4	6	8GB32102RC06	3335.-	1
	8 Module	2	6	8	8GB32102RC08	3460.-	1
	10 Module	2	8	10	8GB32102RC10	4030.-	1
	12 Module	2	10	12	8GB32102RC12	4135.-	1
	14 Module	2	12	14	8GB32102RC14	4820.-	1
	16 Module	2	14	16	8GB32102RC16	4940.-	1
SPN Acrylic Double Door DBs#, IP 43:							
	6 Module	2	4	6	8GB32103RC06	3915.-	1
	8 Module	2	6	8	8GB32103RC08	4135.-	1
	10 Module	2	8	10	8GB32103RC10	4820.-	1
	12 Module	2	10	12	8GB32103RC12	5175.-	1
	14 Module	2	12	14	8GB32103RC14	5400.-	1
	16 Module	2	14	16	8GB32103RC16	5630.-	1
Wire Way Box For SPN Single Door IP 20 DBs:							
	For 6 MOD SPN Single door DB	-	-	-	8GB32106RC06	1405.-	1/5
	For 8 MOD SPN Single door DB	-	-	-	8GB32106RC08	1405.-	1/5
	For 10 MOD SPN Single door DB	-	-	-	8GB32106RC10	1515.-	1/5
	For 12 MOD SPN Single door DB	-	-	-	8GB32106RC12	1515.-	1/5
	For 14 MOD SPN Single door DB	-	-	-	8GB32106RC14	1745.-	1/5
	For 16 MOD SPN Single door DB	-	-	-	8GB32106RC16	1745.-	1/5
Wire Way Box For SPN Double Door IP 43 DBs:							
	For 6 MOD SPN Double door DB	-	-	-	8GB32107RC06	1515.-	1/5
	For 8 MOD SPN Double door DB	-	-	-	8GB32107RC08	1515.-	1/5
	For 10 MOD SPN Double door DB	-	-	-	8GB32107RC10	1640.-	1/5
	For 12 MOD SPN Double door DB	-	-	-	8GB32107RC12	1640.-	1/5
	For 14 MOD SPN Double door DB	-	-	-	8GB32107RC14	2090.-	1/5
	For 16 MOD SPN Double door DB	-	-	-	8GB32107RC16	2090.-	1/5

Note: * MRP - Maximum Retail Price # Also available in flat door option
For Customized Solutions in Distribution Boards please Contact our sales Office

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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	5365.-	1
	6 way	8	18	26	8GB32201RC06	6090.-	1
	8 way	8	24	32	8GB32201RC08	7355.-	1
	10 way	8	30	38	8GB32201RC10	10665.-	1
	12 way	8	36	44	8GB32201RC12	10890.-	1
	14 way	8	42	50	8GB32201RC14	12490.-	1
	16 way	8	48	56	8GB32201RC16	12960.-	1
TPN Metal Double Door DBs#, IP 43							
	4 way	8	12	20	8GB32202RC04	6550.-	1
	6 way	8	18	26	8GB32202RC06	7920.-	1
	8 way	8	24	32	8GB32202RC08	9520.-	1
	10 way	8	30	38	8GB32202RC10	13755.-	1
	12 way	8	36	44	8GB32202RC12	14095.-	1
	14 way	8	42	50	8GB32202RC14	16730.-	1
	16 way	8	48	56	8GB32202RC16	17205.-	1
TPN Acrylic Double Door DBs#, IP 43							
	4 way	8	12	20	8GB32203RC04	7920.-	1
	6 way	8	18	26	8GB32203RC06	9750.-	1
	8 way	8	24	32	8GB32203RC08	11695.-	1
	10 way	8	30	38	8GB32203RC10	15255.-	1
	12 way	8	36	44	8GB32203RC12	17755.-	1
	14 way	8	42	50	8GB32203RC14	19020.-	1
	16 way	8	48	56	8GB32203RC16	20295.-	1
TPN to PPI Conversion Kit®							
	To convert 6 way TPN DB to 4 way TPN PPI DB				8GB32205RC04	4135.-	1/5
	To convert 8 way TPN DB to 6 way TPN PPI DB				8GB32205RC06	4820.-	1/5
	To convert 10 way TPN DB to 8 way TPN PPI DB				8GB32205RC08	4940.-	1/5
	To convert 12 way TPN DB to 10 way TPN PPI DB				8GB32205RC10	5280.-	1/5
	To convert 14 way TPN DB to 12 way TPN PPI DB				8GB32205RC12	5630.-	1/5
	To convert 16 way TPN DB to 14 way TPN PPI DB				8GB32205RC14	5960.-	1/5
Wire Way Box For TPN Single Door IP 20 DBs							
	For 4 Way TPN Single door DB	-	-	-	8GB32206RC04	1745.-	1/5
	For 6 Way TPN Single door DB	-	-	-	8GB32206RC06	1745.-	1/5
	For 8 Way TPN Single door DB	-	-	-	8GB32206RC08	3115.-	1/5
	For 10 Way TPN Single door DB	-	-	-	8GB32206RC10	3915.-	1/5
	For 12 Way TPN Single door DB	-	-	-	8GB32206RC12	4030.-	1/5
	For 14 Way TPN Single door DB	-	-	-	8GB32206RC14	4135.-	1/5
	For 16 Way TPN Single door DB	-	-	-	8GB32206RC16	4380.-	1/5
Wire Way Box For TPN Double Door IP 43 DBs							
	For 4 Way TPN Double door DB	-	-	-	8GB32207RC04	1855.-	1/5
	For 6 Way TPN Double door DB	-	-	-	8GB32207RC06	2090.-	1/5
	For 8 Way TPN Double door DB	-	-	-	8GB32207RC08	3335.-	1/5
	For 10 Way TPN Double door DB	-	-	-	8GB32207RC10	3570.-	1/5
	For 12 Way TPN Double door DB	-	-	-	8GB32207RC12	4380.-	1/5
	For 14 Way TPN Double door DB	-	-	-	8GB32207RC14	4600.-	1/5
	For 16 Way TPN Double door DB	-	-	-	8GB32207RC16	4730.-	1/5

Note: * MRP - Maximum Retail Price

@ Contains required accessories to Make the DB suitable for PPI Configuration
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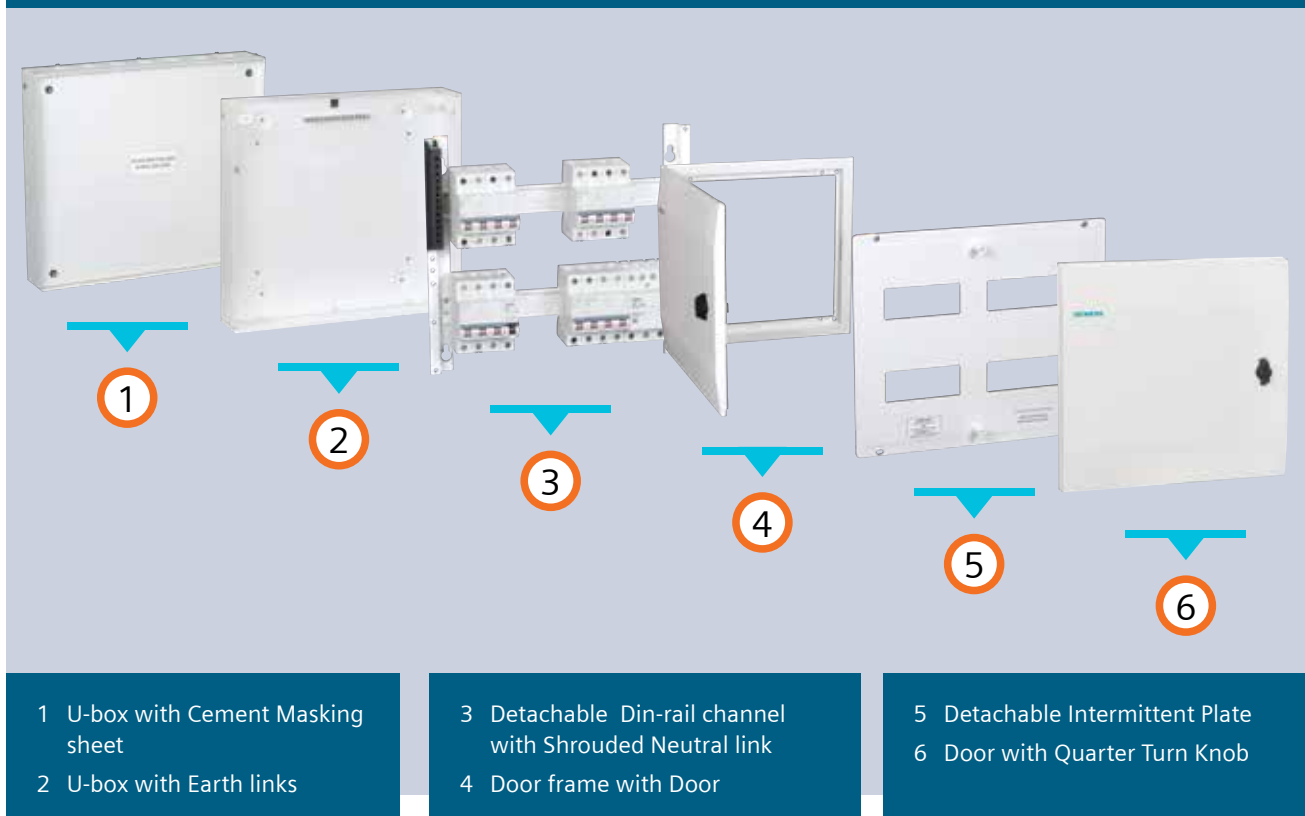
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Also available in flat door option

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	14775.-	1
6 Way	12	12	18	42	8GB32001RC06	16615.-	1
8 Way	12	12	24	48	8GB32001RC08	19395.-	1
12 Way	12	12	36	60	8GB32001RC12	23090.-	1
TPN Phase segregated DBs, (8 segment) IP 43 For MCB as incomer							
4 way	12	12	12	36	8GB32002RC04	17545.-	1
6 way	12	12	18	42	8GB32002RC06	20315.-	1
8 way	12	12	24	48	8GB32002RC08	23090.-	1
12 way	12	12	36	60	8GB32002RC12	27705.-	1
TPN Phase segregated DBs, IP 43 for MCCB as incomer upto 160A							
6 way		12	18	30	8GB32012RC06	31385.-	1
8 way		12	24	36	8GB32012RC08	36010.-	1
12 way		12	36	48	8GB32012RC12	40625.-	1
Wire Way box for MCB Incomer, IP 43 DBs							
For 4 Way	-	-	-	-	8GB32007RC04	4610.-	1
For 6 Way	-	-	-	-	8GB32007RC06	5535.-	1
For 8 Way	-	-	-	-	8GB32007RC08	6455.-	1
For 12 Way	-	-	-	-	8GB32007RC12	7375.-	1
Wire Way box for MCCB Incomer, IP 43 DBs							
For 6 Way	-	-	-	-	8GB32017RC06	5535.-	1
For 8 Way	-	-	-	-	8GB32017RC08	6455.-	1
For 12 Way	-	-	-	-	8GB32017RC12	7375.-	1


Betagard Distribution Board 8GB




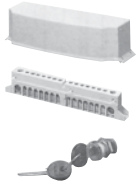
Note: * MRP - Maximum Retail Price

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

Industrial plug & sockets

	Item Description	Total Slots (MW)	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
Plug & Socket, IP20 with provision for MCB mounting :					
	1 Phase 20A, 1P MCB	1	8GB0501RC	2395.-	1/20
	1 Phase 20A, 2P MCB	2	8GB0501SRC	2395.-	1/20
	3 Phase 32A, 3P MCB	3	8GB0502	5075.-	1/15
	3 Phase 32A, 3P+N MCB	4	8GB0502S	5075.-	1/15
	5 Pin (3P+N+PE) 3Phase 32A MCB 3P+N MCB	8	8GB050332	8015.-	1/5
	5 Pin (3P+N+PE) 3Phase 63A MCB 3P+N MCB	8	8GB050363	20885.-	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	7210.-	1
	1 Row 8Mod	8	8GB13711	9160.-	1
	1 Row 12Mod	12	8GB13712	16350.-	1
	1 Row 18Mod	18	8GB13713	21175.-	1
	2 Row 2 x 12Mod	24	8GB13722	26140.-	1
	2 Row, 2 x 18Mod	36	8GB13723	36860.-	1
	3 Row, 3 x 18Mod	54	8GB13733	64820.-	1
	4 Row 4 x 18Mod	72	8GB13743	84930.-	1
Accessories for Simbox WP					
	Coupling covers, 12M		8GB20510	2360.-	1
	Coupling covers, 18M		8GB20511	2645.-	1
	Insulated N/PE terminals, 8MW		8GB20520	3675.-	1
	Insulated N/PE terminals, 12MW		8GB20521	5620.-	1
	Insulated N/PE terminals, 18MW		8GB20522	8260.-	1
	Cylindrical security lock		8GB20550	6705.-	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				
	1 MW	8GB9901	90.-	25
Insulated Shorting Links				
Single Phase Shorting Links for Shorting 1P MCBs				
For SPN and TPN PPI DB				
	5 Leg SP Shorting Link	8GB9905LSP	280.-	10
	7 Leg SP Shorting Link	8GB9907LSP	330.-	10
	9 Leg SP Shorting Link	8GB9909LSP	385.-	10
	11 Leg SP Shorting Link	8GB9911LSP	405.-	10
	13 Leg SP Shorting Link	8GB9913LSP	540.-	10
	15 Leg SP Shorting Link	8GB9915LSP	660.-	10
	17 Leg SP Shorting Link	8GB9917LSP	690.-	10
For TPN DB				
	4 Leg SP Shorting Link	8GB9904LSP	280.-	10
	6 Leg SP Shorting Link	8GB9906LSP	330.-	10
	8 Leg SP Shorting Link	8GB9908LSP	385.-	10
	10 Leg SP Shorting Link	8GB9910LSP	405.-	10
	12 Leg SP Shorting Link	8GB9912LSP	540.-	10
	14 Leg SP Shorting Link	8GB9914LSP	660.-	10
	16 Leg SP Shorting Link	8GB9916LSP	690.-	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.	8GB990SLDLP	6835.-	1
	End Caps for 2 pole Shorting Links	8GB990ECLDP	115.-	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	7475.-	1
	End Caps for 3 pole Shorting Links	8GB990ECLTP	165.-	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	7900.-	1
	End Caps for 3 pole Shorting Links	8GB990ECLTPN	210.-	10
Neutral Terminals				
Neutral Terminals For 8GB0 and 8GB31 DBs (Along with Mounting Stands)				
	5 Way Neutral Link	8GB9905NL	300.-	10
	11 Way Neutral Link	8GB9911NL	445.-	10
	13 Way Neutral Link	8GB9913NL	510.-	10
	15 Way Neutral Link	8GB9915NL	570.-	10
Neutral Terminals For 8GB32 DBs (With Terminal Shroud and Cover)				
	Neutral Terminal 5 Holes	8GB9905NPE	330.-	10
	Neutral Terminal 11 Holes	8GB9911NPE	455.-	10
	Neutral Terminal 13 Holes	8GB9913NPE	540.-	10
	Neutral Terminal 15 Holes	8GB9915NPE	600.-	10
Earth Terminals				
	5 Way Earth Link	8GB9905EL	255.-	10
	11 Way Earth Link	8GB9911EL	430.-	10
	13 Way Earth Link	8GB9913EL	455.-	10
	15 Way Earth Link	8GB9915EL	540.-	10

Note: * MRP - Maximum Retail Price

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



5SD Surge Protection Devices

Safe & Reliable

Surge Protection Devices are available in the following types:

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

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

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

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Surge Protection Devices

For protection of equipment against Lightning and Switching surges

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

Type 1: Lightning Surge Arresters

- Maximum continuous operating voltage U_c : 350V



Reference No.	Rated voltage	Pole	Module width	Total I_{imp} (10/350 μ s)	I_{max} (8/20 μ s)	Remote status	Unit LP* ₹
5SD74121RC	240V AC	1P+N	4	50kA	50kA	Yes	20790.-
5SD74141RC	240/415V AC	3P+N	8	100kA	50kA	Yes	40470.-

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	3400.-
5SD74640RC	240/415V AC	3P+N	4	335V AC	40kA	No	10105.-

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	5740.-

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



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



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	73820.-

Type 2 : Surge Arresters

For TN-S/ TT system

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

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



Rated voltage 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



Rated voltage U_N	Backup fuse rating	Protection level U_p	Maximum discharge surge current I_{max} L-N or L-(PE)N, 1P		Pole	Remote signaling	Reference No.	Unit LP* ₹
			L-N or L-(PE)N, 1P	N-PE				
240/415V	80A gL/gG	$\leq 1.5kV$	40kA		3P	No	5SD74630	33655.-
240/415V	80A gL/gG	$\leq 1.5kV$	40kA		3P	Yes	5SD74631	22510.-

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

Note: Standard packing: 1unit

* LP : List Price

Surge Protection Devices

For protection of equipment against Lightning and Switching surges

Type 3 : Surge Arresters



Rated voltage	Rated current	Protection level	Rated discharge current	Pole	Reference No.	Unit LP* ₹
24V AC 34V DC	26A	0.65kV	1kA	2P	5SD74325	15955.-
120V AC 150V DC	26A	0.95kV	3kA	2P	5SD74326	17380.-
240V AC 240V DC	26A	1.5kV	3kA	2P	5SD74327	17845.-

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	28000.-
5SD74131				
5SD74141		N-PE	5SD74180	18880.-
5SD74121				
5SD74131	Type 2	L-N	5SD74681	7415.-
5SD74141				
5SD7463-0/1		N-PE	5SD74880	7415.-
5SD7464-0/1				
5SD7422-0/1	L-N	5SD74281	5725.-	
5SD7422-0/1				
5SD7422-0/1	N-PE	5SD74280	10705.-	
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



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	2345.-	1/10
	2C/O, 400V	20	1	5TE8162	4270.-	1/10
	Group switch, center position, 2C/O, 400V	20	1	5TE8142	4930.-	1/10
Insta Contactors						
Standards: EN 60947-4-1, EN 60947-5-1						
	2NO contacts, 230Vac	20	1	5TT58000	3720.-	1/5
	3NO+1NC contacts, 230Vac/220Vdc (1NC contact rated for 30A)	40	3	5TT58410	10175.-	1/5
	3NO+1NC contacts, 24Vac/24Vdc (1NC contact rated for 30A)	40	3	5TT58412	10220.-	1/5
	4NO contacts, 230Vac/220Vdc	40	3	5TT58400	10250.-	1/5
	4NO contacts, 24Vac/24Vdc	40	3	5TT58402	10070.-	1/5
	3NO+1NC contacts, 230Vac/220Vdc (1NC contact rated for 30A)	63	3	5TT58510	14170.-	1/5
	3NO+1NC contacts, 24Vac/24Vdc, (1NC contact rated for 30A)	63	3	5TT58512	14980.-	1/5
	4NO contacts, 230Vac/220Vdc	63	3	5TT58500	12990.-	1/5
4NO contacts, 24Vac/24Vdc	63	3	5TT58502	13695.-	1/5	
Insta Contactors Manual / Automatic with Switching Indicator						
Standards: IEC60947-4-1, IEC60947-5-1						
	2NO contacts, 230Vac	20	1	5TT58006	4950.-	1/5
	1NO+1NC contacts, 230Vac	20	1	5TT58016	7460.-	1/5
	4NO contacts, 230Vac	25	2	5TT58306	7015.-	1/5
	4NO contacts, 400Vac	40	3	5TT58406	15440.-	1/5
	4NO contacts, 400Vac	63	3	5TT58506	19565.-	1/5
Accessories						
	Control Switch with 1 Make and 1 Break Contact For AC 230V/400V For 5TT58 and 5TT50			5TT59101	4615.-	1/10






Note:

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

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



Modular Devices




	Item Description	Rated Current 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	17810.-	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	29660.-	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	34140.-	1
RYG 3 phase indicator in 1MW						
	3 phase indicator (all with green color cap)		1	5TE5802	4215.-	1/10
	3 phase indicator (red/yellow/green)		1	5TE5803	3585.-	1/10
	Transparent cap (1 set = 3 items, R, Y, G lens)			5TG8070	1165.-	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	2230.-	1/12
	Light indicators for max. cable length up to 250 m with 1 red lamp		1	5TE5804	1940.-	1/12
	Transparent cap (Red) (1 set 5x each red/transparent)			5TG8061	1500.-	5
	Transparent cap (Green) (1 Set with 5x each green/transparent)			5TG8062	1500.-	5
	Transparent cap (Yellow) (1 Set with 5x each yellow/transparent)			5TG8063	1500.-	5
Transparent cap (Blue) (1 Set with 5x each blue/transparent)			5TG8064	1500.-	5	
Fuse Monitor						
	Fuse monitors with transparent caps for all low voltage fuse systems, 230Vac	4	2	5TT3170	13970.-	1

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.)
Time Switches (Digital)						
	Mini digital, daily/weekly program, 100 hours reserve, 230Vac	16	1	7LF45015	10585.-	1
	Yearly time switch top digital 230V, 1 channel	16	2	7LF45110	11405.-	1
	Yearly time switch top digital 230V, 2 channel	16	2	7LF45120	24815.-	1
	Weekly time switch profi digital 230V, 1 channel	16	2	7LF45210	23120.-	1
	Weekly time switch profi digital 230V, 2 channel	16	2	7LF45220	29900.-	1
	Weekly time switch astro digital 230V, 1 channel	16	2	7LF45310	20675.-	1
	Weekly time switch astro digital 230V, 2 channel	16	2	7LF45320	53580.-	1
Time Switches (Mechanical) Standards: EN 60730-1						
	Quartz time switch Day 1 NO 230V/50-60Hz 1 MW with power reserve	16	1	7LF53011	7810.-	1
	Synchronous time switches without power reserve, for DIN rail mounting, day disk, 1CO, 230V AC	16	3	7LF53005	4310.-	1
	Quartz-clock time switches with power reserve for DIN rail mounting, day disk, 1CO, 230V AC	16	3	7LF53016	8335.-	1
	Quartz-clock time switches with power reserve for wall mounting, day disk, 1CO, 250Vac	16	—	7LF53050	12470.-	1
	Synchronous time switches without power reserve, for wall mounting, day disk, 1CO, 250Vac	16	—	7LF53010	7600.-	1
7LF53005						
Accessories for Digital Time Switches						
	USB adapter and software			7LF49410	38360.-	1
	Data key profi, astro			7LF49411	3905.-	1

Note:

* LP - List Price

1MW (Module Width) = 18mm

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





SINOVA

3VJ Moulded Case Circuit Breakers

Simply Efficient

- Rated current: 20A to 400A
- 1 pole, 2 pole, 3 pole & 4 pole versions
- Breaking capacity: 10kA to 55kA
- Thermal magnetic trip unit (FTFM, ATFM)
- Range of internal and external accessories

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3VJ Moulded Case Circuit Breakers^{\$}

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

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

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

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

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

3VJ Internal accessories⁵

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

3VJ External accessories⁵

Frame Size	Accessory	3VJ10 (VJ1 125X)	3VJ11 (VJ1 125)	3VJ12 (VJ1 250)	3VJ13 (VJ1 400)
	Extended Door Mounted Rotary Operator (including 8UC handle)	3VJ9018-0HD11	3VJ9118-0HD11	3VJ9218-0HD11	3VJ9417-0HD11

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

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

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


* MRP - Maximum Retail Price LP - List Price

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

@ Kindly refer latest Control Products Price List for prices


Switch disconnecter fuse[@] 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	-	1/3
		160	3NA7 836-ORC	-	
		50	3NA7 120-ORC	-	
		63	3NA7 122-ORC	-	
		80	3NA7 124-ORC	-	
		100	3NA7 130-ORC	-	
		125	3NA7 132-ORC	-	
		160	3NA7 136-ORC	-	
		200	3NA7 140-ORC	-	
		224	3NA7 142-ORC	-	
250	3NA7 144-ORC	-			

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

	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 375-4RC	-	

BS Fuses

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

Note: * MRP - Maximum Retail Price

@ Kindly refer latest Power Distribution Products Price List for prices

Available till stocks last

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	Price on request	1/50
	6 Way	-	-	6	8GB0006		1/25
Double Door SPN DBs, IP42 :							
	4 Way	2	4	6	8GB0204RC	Price on request	1
	6 Way	2	6	8	8GB0206RC		1
	8 Way	2	8	10	8GB0208RC		1
	12 Way	2	12	14	8GB0212RC		1
	14 Way	2	14	16	8GB0214RC		1
Double Door TPN DBs (Horizontal), IP42 :							
	4 Way	8	12	20	8GB0404HRC	Price on request	1
	6 Way	8	18	26	8GB0406HRC		1
	8 Way	8	24	32	8GB0408HRC		1
	12 Way	8	36	44	8GB0412HRC		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	Price on request	1
	6 Way	8	24	32	8GB0407HRC		1
	8 Way	8	30	38	8GB0409HRC		1
	12 Way	8	42	50	8GB0413HRC		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	Price on request	1
	6 Way	12	12+18	42	8GB0506		1
	8 Way	12	12+24	48	8GB0508		1
	12 Way	12	12+36	60	8GB0512		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

Available till stocks last

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.)
Betaflex (Flexi DBs), IP42 :							
	2Row x 12Mod	—	—	24	8GB31424RC	Price on request	1
	2Row x 16Mod	—	—	32	8GB31426RC		1
	4Row x 6Mod	—	—	24	8GB31441RC		1
	4Row x 8Mod	—	—	32	8GB31442RC		1
	4Row x 10Mod	—	—	40	8GB31443RC		1
	4Row x 12Mod	—	—	48	8GB31444RC		1
	4Row x 16Mod	—	—	64	8GB31446RC		1
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	Price on request	1
	6 way	12	18	30	8GB31473RC		1
	8 way	12	24	36	8GB31474RC		1
	12 way	12	36	48	8GB31477RC		1
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	Price on request	1
	6 way	12	18	30	8GB31572RC		1
	8 way	12	24	36	8GB31573RC		1
	12 way	12	36	48	8GB31574RC		1
BetaMulti (DBs for power & communication), IP42 :							
	12 way SPN, provision	2	12	14	8GB31215RC	Price on request	1
	4 Way TPN, Provision	8	12	20	8GB31220RC		1
	6 way TPN, provision	8	18	26	8GB31221RC		1
	8 Way TPN Provision	8	24	32	8GB31222RC		1

Note:

* MRP - Maximum Retail Price


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

Available till stocks last

Betagard Distribution Boards 8GB31

	Item Description	Incoming Slots (MW)	Outgoing Slots (MW)	Total Slots (MW)	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
Beta CO (DBs with built-in pre-wired phase changeover switches), IP42 :							
	40 A, 4 Way TPN, built-in	8	12	20	8GB31850RC	Price on request	1
	40 A, 6 Way TPN, built-in	8	18	26	8GB31851RC		1
	40 A, 8 Way TPN, built-in	8	24	32	8GB31852RC		1
	40 A, 12 Way TPN, built-in	8	36	44	8GB31854RC		1
	63 A, 4 Way TPN, built-in	8	12	20	8GB31860RC		1
	63 A, 6 Way TPN, built-in	8	18	26	8GB31861RC		1
	63 A, 8 Way TPN, built-in	8	24	32	8GB31862RC		1
	63 A, 12 Way TPN, built-in	8	36	44	8GB31864RC		1
Wire Way Boxes (WWB)							
	WWB for Flexi DB,8Mod	—	—	—	8GB9908FWWNT	Price on request	1/5
	WWB for Flexi DB,12Mod	—	—	—	8GB9912FWWNT		1/5
	WWB for Flexi DB,16Mod	—	—	—	8GB9916FWWNT		1/5
	WWB for Bus DB	—	—	—	8GB99BUSWWNT		1/5
	WWB for Bus Plus DB	—	—	—	8GB99PLUSWWNT		1/5
Modular Device Boxes (MDB)							
	MDB for Flexi DB, 8Mod/Row	—	—	8	8GB9908FMDTC	Price on request	1/5
	MDB for Flexi DB,12Mod/Row	—	—	12	8GB9912FMDTC		1/5
	MDB for Flexi DB,16Mod/Row	—	—	16	8GB9916FMDTC		1/5
	MDB for Bus DB	—	—	12	8GB99BUSMBTC		1/5
	MDB for Bus Plus DB	—	—	12	8GB99PLUSMBTC		1/5
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

Betagard Distribution Boards Accessories

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

Note:

* MRP - Maximum Retail Price

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

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	8GB31813RC02
8GB31811RC01	8GB31814RC02
8GB31812RC01	8GB31815RC02
8GB31813RC01	
8GB31814RC01	8GB31810RC03
8GB31815RC01	8GB31811RC03
	8GB31812RC03
8GB31810RC02	8GB31813RC03
8GB31811RC02	8GB31814RC03
8GB31812RC02	8GB31815RC03

Betagard Isolators 5TL1

Reference No.
5TL12320
5TL13320
5TL14320

Terms and Conditions

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

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

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

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

Stock items

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

Note

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

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SENTRON 7KN Powercenter 1000

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Monitoring and Protection

Detection of switching status and differentiation of tripping due to faults



Signals and Warning

Alarm signals when exceeding a limit value



Predictive Maintenance

Integrated operating cycles counter, operating hours and trip counter



Data Acquisition

Measurement of current, voltages, mains frequency and temperature



Overview of Energy Consumption

Measurement of Power and Energy values



Communication Interface

through integrated MODBUS TCP and wireless interface

SENTRON circuit protection devices

Measurement

COM



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

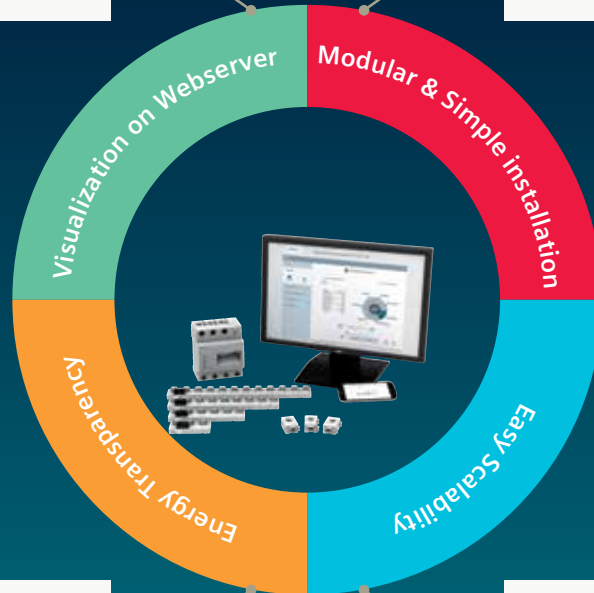
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SIEMENS

- Modbus TCP/IP communication
- Simple configuration of system via powerconfig V3.18 and web server
- Visualization of consumption via Webserver and Mobile App (Android/iOS)

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

fast



plug
and
play

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

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



Easy



Transparent



Cost-efficient



Relevant Standards

Title	IS	IEC	Products							
			MCB		RCCB		RCBO	DB	AFDD	SPD
			5SL4/6/7	5SL5	5SV	5SM	5SU1	8GB	5SM6	5SD7
Electric Installations – MCBs for Building Installations and Similar Purposes 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

IP 6 8

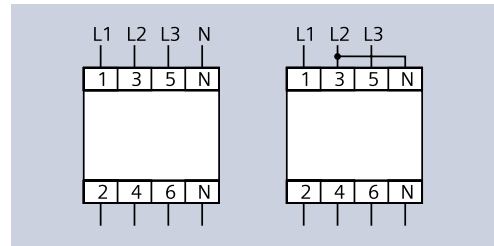


Installation Guideline for RCCB

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

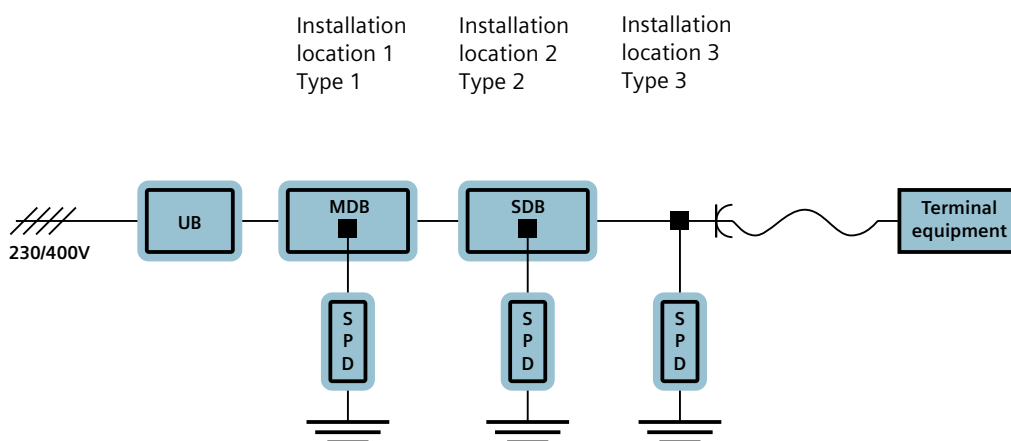
					6 mA	10 mA		
Type AC		■	-	-	-	-	-	-
Type A		■	■	■	■	-	-	-
Type F		■	■	■	■	■	■	-
Type B		■	■	■	■	■	■	■
Type B+		■	■	■	■	■	■	■

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

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



Please contact us for more details

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Sales offices:

Ahmedabad
3rd Floor, Prerna Arbour
Chimanlal Giridharlal Road, Navarangpura
Near Girish Colddrinks
Ahmedabad, Gujarat - 380009
Tel : +91 79 30927600
Fax: +91 79 30927699

Baroda
Ground Floor, Urja Bhavan
Maneja Works, Opp. Makarpura Railway Station
Vadodara - 390010
Tel : +91 265 3957701
Fax: +91 265 3039190

Bengaluru
1st Floor, Jyoti Mahal, No. 49, St. Marks Rd.
Bengaluru - 560 001
Tel : +91 80 33422000
Fax: +91 80 33424131

Bhubaneswar
Mobile: +91 8696222212
E-mail: rohit.nandan@siemens.com

Chandigarh
Mobile: +91 9888484066
E-mail: padam.sharma@siemens.com

Chennai
4th Floor, ETA Mount Central
Seethakathi Business Centre, Mount Road
Chennai - 600006
Tel : +91 44 30474000
Fax: +91 44 30474080

Coimbatore
Mobile: +91 9849001842
E-mail: pramod.krishna@siemens.com

Gurgaon
Plot No. 78, Tower - B
Jagatjit Industries Building (JIL)
Opposite SBI Academy, Sector-18
Gurgaon - 122015
Tel: +91 124 2842000, 3810200

Hyderabad
5-9-19, Lakshmi Narasinh Estate
Hyderabad - 500004
Tel.: +91 40 23482578

Jaipur
Mobile: +91 9815502480
E-mail: rohit.jagga@siemens.com

Jamshedpur
Mobile: +91 8294052647
E-mail: shyamal.bhattacharyya@siemens.com

Kolkata
3rd Floor, 43, Shanti Palli
Rashbihari Bypass Connector
Kolkata - 700042, India
Tel : +91 33 30939000
Fax: +91 33 30939010

Lucknow
Mobile: +91 9918002525
E-mail: atul.shukla@siemens.com

Mumbai
Business Centre-1, Kalwa Works
Thane Belapur Road
Thane - 400 601
Tel : +91 22 39663000
Fax: +91 22 39663721

Nagpur
Mobile: +91 9930182128
E-mail: muzaffer.sayyed@siemens.com

Pune
Tower C, Panchshil Business Park
Survey No. 20, Balewadi
Pune - 411045
Tel : +91 20 30466000
Fax: +91 20 30466060

Vizag
Mobile: +91 9701354777
E-mail: vijaykiran.meduri@siemens.com

Territory managers:

Agra
Sanjay Kumar Upadhyay
205, Vedant Classic, Prakash Enclave
Kaushalpura, Agra - 282005
Mobile: +91 8299882096
E-mail: sanjay.kumar.upadhyay@siemens.com

Aurangabad
Shailendra Kumar Maurya
Mobile: +91 9033563923
E-mail: shailendra.kumar.maurya@siemens.com

Belgaum
Tel.: +91 7259400100
E-mail: prathish.t.m@siemens.com

Belgaum
3rd Floor, Anand Nivas, B wing, 6th Cross, Bhagyaganagar
Near Police Booth, Belgavi, Karnataka - 590006
Mobile: +91 8105592066
E-mail: siddu.mareguddi@siemens.com

Bharuch
Mobile: +91 8884000998
E-mail: viral.kachhadia@siemens.com

Bhilai
Flat No. 408, 5th Floor, Harihar Nagar
Besa, Nagpur - 440037
Mobile: +91 7869922211
E-mail: pravin.deshbhratar@siemens.com

Bilaspur
Mobile: +91 9827888436
E-mail: chandan.gajpalla@siemens.com

Boisar
Flat 110, Building M4, Tata Shubh Grih
Maan, Opp. D Mart, Boisar - 401506
Mobile: +91 9819231892
E-mail: debashis.biswas@siemens.com

Durgapur
Quarter No. C7, Kunustoria Area Complex
Near Pragati Stadium
Raniganj - 713362, West Bengal
Mobile: +91 9830317456
E-mail: harsh.chincholkar@siemens.com

Gandhidham
Plot No. 453, DC-5, Adipur, Gandhidham - 370205
Mobile: +91 9725005162
E-mail: maullikkumar.patel@siemens.com

Gorakhpur
Mobile: +91 9717674455
E-mail: kumar.ashwini@siemens.com

Guwahati Assam
Shivalaya Housing Society, Flat No. B-3A
Bylane-4, Joymatinagar, Adabari, Pandu
Guwahati - 781012, Assam
Mobile: +91 9864110684
E-mail: biblab.datta@siemens.com

Haridwar
Mobile: +91 7983880015
E-mail: akshit.tyagi@siemens.com

Hosur
Mobile: +91 +91 9000451122
E-mail: chandrashekar.r@siemens.com

Hubli
Flat No. 303, Shriya Solitaire
Opp. Murudeshwar Ceramic Factory
RN Shetty Road, Hubli, Karnataka - 580024
Mobile: +91 9945961052
E-mail: kiran.kage@siemens.com

Indore
78, Anand Nagar, Chitwad Road, Indore - 452001 (MP)
Mobile: +91 9673333024
E-mail: brajesh.rathor@siemens.com

Jalandhar
H.No. 212A, Punjabi Bahg Extension, 66 Feet Road
Near Curo Mall, Jalandhar, Punjab - 144022
Mobile: +91 9876047929
E-mail: sunil.singla@siemens.com

Jammu
Plot No. 592/3, 2nd Floor, Bhawani Vihar Extension
Trikuta Nagar, Jammu -180020
Mobile: +91 9873084776
E-mail: sharma.nikhil@siemens.com

Jodhpur
258-A Shastri Nagar, Jodhpur - 342003
Mobile: +91 8003088889
E-mail: ankur.pancholi@siemens.com

Kanpur
Mobile: +91 8802011478
E-mail: singh.amar@siemens.com

Kharagpur
Plot No. 3031, 2nd Floor
Mouza: Basudevapur, PO: Khajanchak
Manjushree More, District: Purba Medinipur, Pin: 721602
Mobile: +91 9051384193
E-mail: mitra.sayantan@siemens.com

Kolhapur
RS No. 84-1, Pinac Prasad, FL No. A-35
New Palace Road, Kolhapur - 416006
Mobile: +91 9850836839
E-mail: vinay.todkar@siemens.com

Kota
A-1,1st Floor, Shreenath Estate
Station Road, Kota, Rajasthan - 324002
Mobile: +91 9929110493
E-mail: rajendra.kabra@siemens.com

Ludhiana
House No. 548, FF Urban Estate, Phase 1, Jamalpur
Chandigarh Road, Ludhiana - 141003 Punjab
Mobile: +91 9872131762
E-mail: gurvinder.singh@siemens.com

Ludhiana
H.No. 1235, St. No. 3/1, Sardar Nagar, Rahon Road
Near Gurudwara Mata Bhagwanti
Ludhiana - 141007, Punjab
Mobile: +91 9872419990
E-mail: ravinder.pal@siemens.com

Madurai
Dhanya Block, DF-02, Vasuthara Enclave
84, TPK Main Road, Andal Puram
Madurai - 625003, Tamil Nadu
Mobile: +91 9626699692
E-mail: balaji.saktihivel@siemens.com

Mangalore
Mobile: +91 9964070498
E-mail: vishaljensen.dsouza@siemens.com

Meerut
Mobile: +91 7983880015
E-mail: akshit.tyagi@siemens.com

Mehsana
Mobile: +91 9909904993
E-mail: piyush.thaker@siemens.com

Mysore
No. 980, 4th Cross, 6th Main, Bannimantap B layout
SS Nagar, Mysore - 570015
Mobile: +91 9611311645
E-mail: raashid.syed@siemens.com

Naidupeta
5/94, I Floor, B Block, M.A.Nagar, Chennai - 600052
(Near Padianalur Govt School)
Mobile: +91 9840255185
E-mail: r.pradeep@siemens.com

Nashik
Flat No. 402, "D" Wing, Hari Shrushti, Near Jogging Track
Opposite WNS Indira Nagar, Nashik - 422009
Mobile: +91 9892292275
E-mail: dhananjay.thorat@siemens.com

Neemrana
F 131, Japanese Zone, Anant Raj Apartments
Neemrana, Alwar, Rajasthan - 301705, India
Mobile: +91 9855526122
E-mail: kumar.manish@siemens.com

Patna
A-53, 5th Floor, Krishna Apartment
Boring Road, Patna - 800001
Mobile: +91 9641574289
E-mail: rajendra.mitra@siemens.com

Pondicherry
Door No. 102, Second Floor, Chellan Nagar, Main Road
Near Rainbow Nagar Park, Pondicherry - 605011
Mobile: +91 8939883966
E-mail: kolappan.c@siemens.com

Raipur
103-Emerald, Green Meadows, Daldal Seoni
Mowa, Raipur, Chattisgarh - 492007
Mobile: +91 9711007466
E-mail: vinay.mittal@siemens.com

Rajahmundry
Mobile: +91 9642351144
E-mail: venkateshwar.d@siemens.com

Ranchi
Raj Enclave, Flat No. 204, 2nd Floor
Kaju Bagan (Near DAV Hehal Jr. Section)
Piska More, P.S. Sukhdeonagar, Ranchi - 834005
Mobile: +91 9674011440
E-mail: sarkar.saikat@siemens.com

Siemens Limited
Smart Infrastructure
Electrical Products
R&D Technology Centre
Thane Belapur Road
Airoli Node, Navi Mumbai - 400708
For more information contact toll free 1800 209 1800
E-mail: lvsgr-mktg.india@siemens.com

www.siemens.co.in

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Customer Care Toll free no. 1800 209 0987
Email: ics.india@siemens.com

Renukoot
Vijay Gupta Bhawan, Swami Vivekanand Colony
Murdhawa, Renukoot - 231217, Distt Sonebhadra
Uttar Pradesh
Mobile: +91 9984500021
E-mail: kumardeepak@siemens.com

Rourkela
Civil Town Ship, 3rd Lane, Rourkela - 769004
Mobile: +91 9861056581
E-mail: ashirbad.das@siemens.com

Rudrapur
Shanti Vihar Colony, Chatarpur Road
Opposite Dr. Pandey Hospital, Rudrapur - 263153
Distt. Udham Singh Nagar, Uttrakhand
Mobile: +91 9839174578
E-mail: girish.pandey@siemens.com

Salem
Sri Krishna Nivasam Apartment, B2, 2nd Floor
Vidya Ashramam Salai, Shankar Nagar, Salem - 636007
Mobile: +91 9952389893
E-mail: b.saravanan@siemens.com

Siliguri
147 Lala Lajpat Rai Road, Haider Para
Siliguri - 734001, West Bengal
Mobile: +91 7278842360
E-mail: abhishek.kar@siemens.com

Sonepat
Mobile: +91 +91 9650481919
E-mail: deepak.beniwal@siemens.com

Sriperumbudur
Mobile: +91 9071161117
E-mail: mohanraj.v@siemens.com

Surat
A1-504, Shradha Flats, Near Swastik Villa, Pal
Surat - 395009
Mobile: +91 9879110276
E-mail: rahul.gangrade@siemens.com

Thrissur
Kannanayacal House, Kurichikara PO
Ponganamkadu, Thrissur
Mobile: +91 9947957839
E-mail: nobin.babu@siemens.com

Trichy
Flat No.102, 'B' Block, 2nd Floor
Vignesh Empire Apartments, Salai Road
Woraiyur, Trichy - 620003
Mobile: +91 8056025127
E-mail: ponnivalavan.p@siemens.com

Udaipur
A-39, First Floor, New Ahinsapuri, Fatehpura
Udaipur, Rajasthan - 313004, India
Mobile: +91 8696222212
E-mail: rohit.nandan@siemens.com

Vapi
Flat No. 306, Dream Heights, Besides Jama Masjid
Vapi Silvassa Road, Dunga, Vapi - 396193
Mobile: +91 987021215
E-mail: akif.gadeer@siemens.com

Vijayawada
Lakshmi Nilayam, H.No 77-135-11, 1st Floor, Dr. Colony
Sundarayya Nagar Colony, Payakapuram
Vijayawada - 520015, AP
Mobile: +91 9642351144
E-mail: venkateshwar.d@siemens.com

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