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Electrical Installations from A to Z

Maximum Retail Price w.e.f. 1st September, 2015

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With
SLR

All round protection guaranteed

Betagard 5SL MCB – Inspiring Safety

Betagard 5SL MCB is the only patented MCB with a unique **SLR** (Slide Latch-Release) feature for tool free removal of MCB from DIN rail. It allows removal of individual MCB from a bus bar mounted assembly without disturbing adjacent devices.

Betagard 5SL MCBs are attractive, functional and the ergonomically designed lever allows user-friendly switching. On-Off Status is easily recognizable, thanks to the color coded switching position indicator on the lever. Betagard

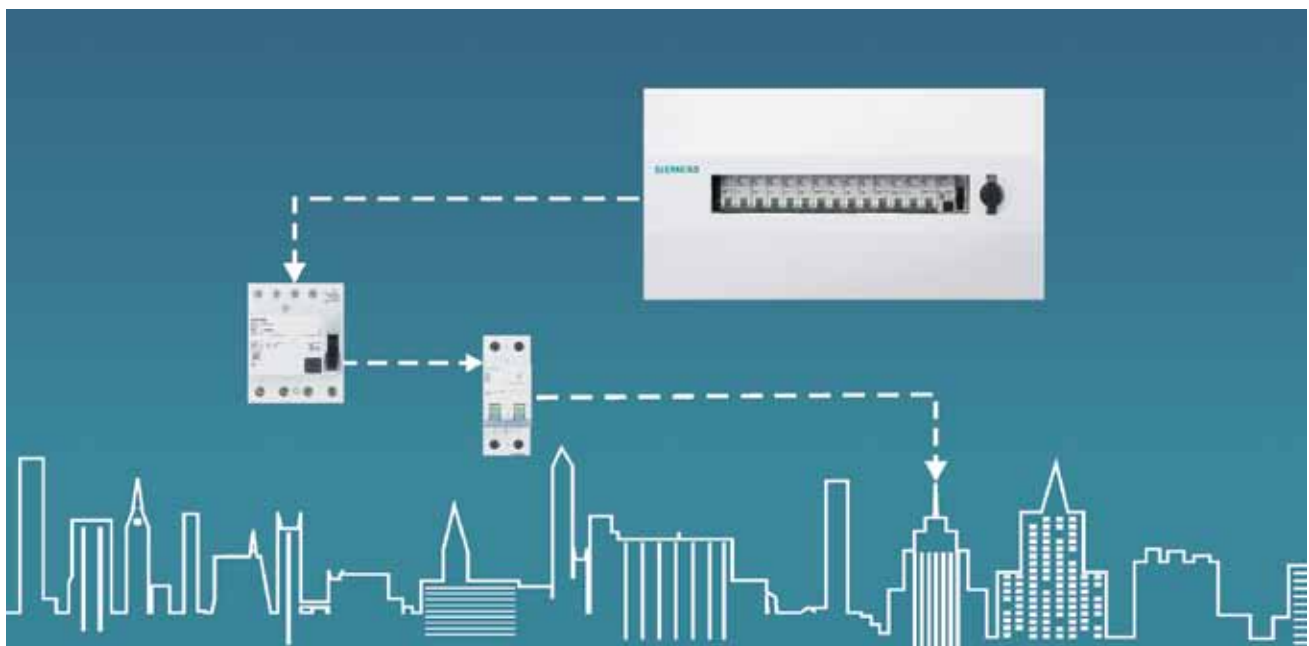
5SL range is available in rated current from 0.5A to 63A in B and C Characteristics.

Applications:

1. Telecom application (AC MCB with 60VDC/ pole rating)
2. Residential & Commercial
3. Street lights etc.

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Betagard 5SL MCBs – Inspiring Safety

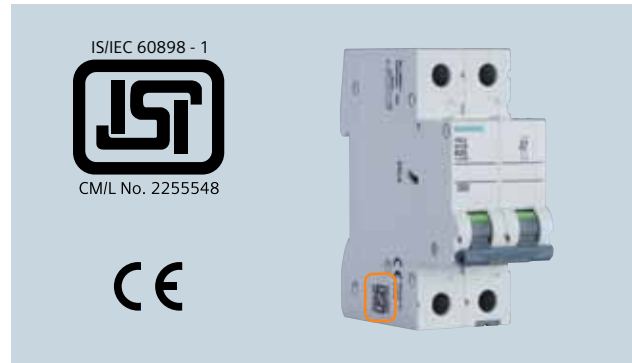
Siemens has always endeavoured to introduce innovative products worldwide.

Betagard 5SL MCBs offer numerous features -

- MCB with patented unique SLR feature
- ISI and CE marking
- Unique square terminal design
- Terminal covers for extra protection
- RoHS compliant
- Accessories for special applications
- Very low watt loss
- 20,000 operations on rated load



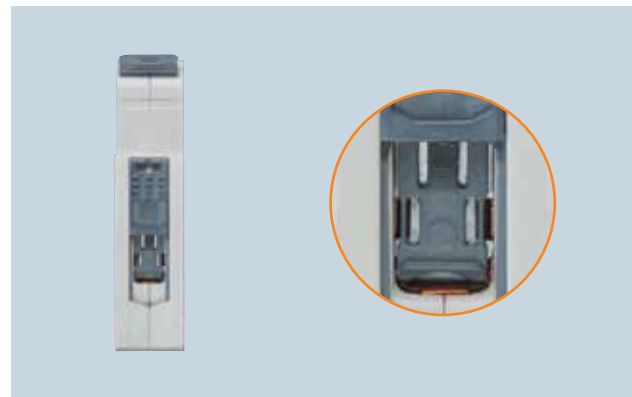
MCB with patented unique **SLR** (Slide Latch-Release) feature for tool free removal from DIN rail. It also allows individual MCB to be removed from bus bar mounted assembly without disturbing other devices



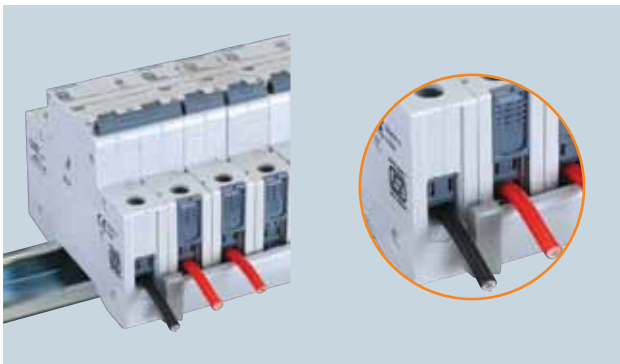
BIS approval for ISI marking as per latest ISI/IEC 60898-1:2002 for assured quality and protection



Unique design of square terminals to accommodate wire up to 35 Sq. mm



Highly effective terminal covers for protection against accidental electrical contact







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



Side mounting accessories like auxiliary switches, fault signaling contacts and lever locking device available for special applications

Betagard 5SL Miniature Circuit Breakers C Characteristics

- Standards: IS/IEC 60898-1:2002
- Voltage: Un 240/415V, 50...60Hz can be used in systems upto 60V DC for 1P and 110V DC for 2P - Suitable for Telecom Applications.
- 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 	0.5	1	5SL61057RC	328.-	1/12
	1		5SL61017RC	328.-	1/12
	2		5SL61027RC	328.-	1/12
	3		5SL61037RC	328.-	1/12
	4		5SL61047RC	328.-	1/12
	6		5SL61067RC	202.-	1/12
	8		5SL61087RC	202.-	1/12
	10		5SL61107RC	202.-	1/12
	13		5SL61137RC	202.-	1/12
	16		5SL61167RC	202.-	1/12
	20		5SL61207RC	202.-	1/12
	25		5SL61257RC	202.-	1/12
	32		5SL61327RC	202.-	1/12
	40		5SL61407RC	442.-	1/12
	50		5SL61507RC	514.-	1/12
63		5SL61637RC	514.-	1/12	
2P, 415V AC 	0.5	2	5SL62057RC	868.-	1/6
	1		5SL62017RC	868.-	1/6
	2		5SL62027RC	868.-	1/6
	3		5SL62037RC	868.-	1/6
	4		5SL62047RC	868.-	1/6
	6		5SL62067RC	650.-	1/6
	8		5SL62087RC	650.-	1/6
	10		5SL62107RC	650.-	1/6
	13		5SL62137RC	650.-	1/6
	16		5SL62167RC	650.-	1/6
	20		5SL62207RC	650.-	1/6
	25		5SL62257RC	650.-	1/6
	32		5SL62327RC	650.-	1/6
	40		5SL62407RC	895.-	1/6
	50		5SL62507RC	1060.-	1/6
63		5SL62637RC	1060.-	1/6	
3P, 415V AC 	0.5	3	5SL63057RC	1218.-	1/4
	1		5SL63017RC	1218.-	1/4
	2		5SL63027RC	1218.-	1/4
	4		5SL63047RC	1218.-	1/4
	6		5SL63067RC	966.-	1/4
	10		5SL63107RC	966.-	1/4
	16		5SL63167RC	966.-	1/4
	20		5SL63207RC	966.-	1/4
	25		5SL63257RC	966.-	1/4
	32		5SL63327RC	966.-	1/4
	40		5SL63407RC	1354.-	1/4
	50		5SL63507RC	1512.-	1/4
63		5SL63637RC	1512.-	1/4	
4P, 415V AC 	0.5	4	5SL64057RC	1682.-	1/3
	1		5SL64017RC	1682.-	1/3
	2		5SL64027RC	1682.-	1/3
	4		5SL64047RC	1682.-	1/3
	6		5SL64067RC	1337.-	1/3
	10		5SL64107RC	1337.-	1/3
	16		5SL64167RC	1337.-	1/3
	20		5SL64207RC	1337.-	1/3
	25		5SL64257RC	1337.-	1/3
	32		5SL64327RC	1337.-	1/3
	40		5SL64407RC	1742.-	1/3
	50		5SL64507RC	2000.-	1/3
	63		5SL64637RC	2000.-	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 5SL Miniature Circuit Breakers B Characteristics

- Standards: IS/IEC 60898-1:2002
- Voltage: Un 240/415V, 50...60Hz can be used in systems upto 60V DC for 1P and 110V DC for 2P
- With ISI marking: CM/L No. 2255548

7500A	Rated Current I_n (A)	MW [#]	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
	6	1	5SL61066RC	190.-	1/12
	10		5SL61106RC	190.-	1/12
	16		5SL61166RC	190.-	1/12
	20		5SL61206RC	190.-	1/12
	25		5SL61256RC	190.-	1/12
	32		5SL61326RC	190.-	1/12
	40		5SL61406RC	440.-	1/12
	50		5SL61506RC	495.-	1/12
	6	2	5SL62066RC	635.-	1/6
	10		5SL62106RC	635.-	1/6
	16		5SL62166RC	635.-	1/6
	20		5SL62206RC	635.-	1/6
	25		5SL62256RC	635.-	1/6
	32		5SL62326RC	635.-	1/6
	40		5SL62406RC	895.-	1/6
	50		5SL62506RC	1052.-	1/6
	6	3	5SL63066RC	966.-	1/4
	10		5SL63106RC	966.-	1/4
	16		5SL63166RC	966.-	1/4
	20		5SL63206RC	966.-	1/4
	25		5SL63256RC	966.-	1/4
	32		5SL63326RC	966.-	1/4
	40		5SL63406RC	1336.-	1/4
	50		5SL63506RC	1497.-	1/4
	6	4	5SL64066RC	1330.-	1/3
	10		5SL64106RC	1330.-	1/3
	16		5SL64166RC	1330.-	1/3
	20		5SL64206RC	1330.-	1/3
	25		5SL64256RC	1330.-	1/3
	32		5SL64326RC	1330.-	1/3
	40		5SL64406RC	1659.-	1/3
	50		5SL64506RC	1993.-	1/3
63	5SL64636RC	1993.-	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 Miniature Circuit Breakers





5SL4, 10kA with C characteristics

IS/IEC 60898 - 1



CM/L No. 2255548

- Standards: IS/IEC 60898-1:2002
- Voltage: Un 240/415V, 50...60Hz can be used in systems upto 60V DC for 1P and 110V DC for 2P
- Breaking capacity: 10kA as per IS/IEC 60898-1:2002
- 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	390.-	1/12
	0.5		5SL41027RC	390.-	1/12
	2		5SL41037RC	390.-	1/12
	3		5SL41047RC	390.-	1/12
	4		5SL41067RC	254.-	1/12
	6		5SL41087RC	254.-	1/12
	8		5SL41107RC	254.-	1/12
	10		5SL41137RC	254.-	1/12
	13		5SL41167RC	254.-	1/12
	16		5SL41207RC	254.-	1/12
	20		5SL41257RC	254.-	1/12
	25		5SL41327RC	254.-	1/12
	32		5SL41407RC	552.-	1/12
	40		5SL41507RC	552.-	1/12
	50		5SL41637RC	552.-	1/12
	2P, 415V AC	2	5SL42057RC	1038.-	1/6
	0.5		5SL42027RC	1038.-	1/6
	2		5SL42037RC	1038.-	1/6
	3		5SL42047RC	1038.-	1/6
	4		5SL42067RC	742.-	1/6
	6		5SL42087RC	742.-	1/6
	8		5SL42107RC	742.-	1/6
	10		5SL42137RC	742.-	1/6
	13		5SL42167RC	742.-	1/6
	16		5SL42207RC	742.-	1/6
	20		5SL42257RC	742.-	1/6
	25		5SL42327RC	742.-	1/6
	32		5SL42407RC	1200.-	1/6
	40		5SL42507RC	1200.-	1/6
	50		5SL42637RC	1200.-	1/6
	3P, 415V AC	3	5SL43057RC	1676.-	1/4
	0.5		5SL43027RC	1676.-	1/4
	2		5SL43037RC	1676.-	1/4
	3		5SL43047RC	1676.-	1/4
	4		5SL43067RC	1249.-	1/4
	6		5SL43087RC	1249.-	1/4
	8		5SL43107RC	1249.-	1/4
	10		5SL43137RC	1249.-	1/4
	13		5SL43167RC	1249.-	1/4
	16		5SL43207RC	1249.-	1/4
	20		5SL43257RC	1249.-	1/4
	25		5SL43327RC	1249.-	1/4
	32		5SL43407RC	1946.-	1/4
	40		5SL43507RC	1946.-	1/4
	50		5SL43637RC	1946.-	1/4
	4P, 415V AC	4	5SL44057RC	2108.-	1/3
	0.5		5SL44027RC	2108.-	1/3
	2		5SL44037RC	2108.-	1/3
	3		5SL44047RC	2108.-	1/3
	4		5SL44067RC	1730.-	1/3
	6		5SL44087RC	1730.-	1/3
	8		5SL44107RC	1730.-	1/3
	10		5SL44137RC	1730.-	1/3
	13		5SL44167RC	1730.-	1/3
	16		5SL44207RC	1730.-	1/3
	20		5SL44257RC	1730.-	1/3
	25		5SL44327RC	1730.-	1/3
	32		5SL44407RC	2360.-	1/3
	40		5SL44507RC	2360.-	1/3
	50		5SL44637RC	2360.-	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

NEW

Betagard Circuit Breakers 5SY7, 15kA with D Characteristics

- Standards: IEC/EN 60947-2
- Voltage: Un 230/400V, 50...60Hz can be used in systems upto 60V DC for 1P and 110V DC for 2P
- Breaking capacity: 15kA as per IEC/EN 60947-2

15000A	Rated Current I_n (A)	MW#	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)	
	1P, 230/400V AC	0.5	1	5SY71058CC	410.-	1/12
	1	5SY71018CC	410.-	1/12		
	2	5SY71028CC	410.-	1/12		
	3	5SY71038CC	410.-	1/12		
	4	5SY71048CC	410.-	1/12		
	6	5SY71068CC	355.-	1/12		
	8	5SY71088CC	355.-	1/12		
	10	5SY71108CC	355.-	1/12		
	13	5SY71138CC	355.-	1/12		
	16	5SY71168CC	355.-	1/12		
	20	5SY71208CC	355.-	1/12		
	25	5SY71258CC	355.-	1/12		
	32	5SY71328CC	355.-	1/12		
	40	5SY71408CC	675.-	1/12		
	50	5SY71508CC	685.-	1/12		
63	5SY71638CC	685.-	1/12			
	2P, 400V AC	0.5	2	5SY72058CC	1115.-	1/6
	1	5SY72018CC	1115.-	1/6		
	2	5SY72028CC	1115.-	1/6		
	3	5SY72038CC	1115.-	1/6		
	4	5SY72048CC	1115.-	1/6		
	6	5SY72068CC	850.-	1/6		
	8	5SY72088CC	850.-	1/6		
	10	5SY72108CC	850.-	1/6		
	13	5SY72138CC	850.-	1/6		
	16	5SY72168CC	850.-	1/6		
	20	5SY72208CC	850.-	1/6		
	25	5SY72258CC	850.-	1/6		
	32	5SY72328CC	850.-	1/6		
	40	5SY72408CC	1470.-	1/6		
	50	5SY72508CC	1470.-	1/6		
63	5SY72638CC	1470.-	1/6			
	3P, 400V AC	0.5	3	5SY73058CC	1705.-	1/4
	1	5SY73018CC	1705.-	1/4		
	2	5SY73028CC	1705.-	1/4		
	3	5SY73038CC	1705.-	1/4		
	4	5SY73048CC	1705.-	1/4		
	6	5SY73068CC	1350.-	1/4		
	8	5SY73088CC	1350.-	1/4		
	10	5SY73108CC	1350.-	1/4		
	13	5SY73138CC	1350.-	1/4		
	16	5SY73168CC	1350.-	1/4		
	20	5SY73208CC	1350.-	1/4		
	25	5SY73258CC	1350.-	1/4		
	32	5SY73328CC	1350.-	1/4		
	40	5SY73408CC	2290.-	1/4		
	50	5SY73508CC	2290.-	1/4		
63	5SY73638CC	2290.-	1/4			
	4P, 400V AC	0.5	4	5SY74058CC	2365.-	1/3
	1	5SY74018CC	2365.-	1/3		
	2	5SY74028CC	2180.-	1/3		
	3	5SY74038CC	2180.-	1/3		
	4	5SY74048CC	2180.-	1/3		
	6	5SY74068CC	1785.-	1/3		
	8	5SY74088CC	1785.-	1/3		
	10	5SY74108CC	1785.-	1/3		
	13	5SY74138CC	1785.-	1/3		
	16	5SY74168CC	1785.-	1/3		
	20	5SY74208CC	1785.-	1/3		
	25	5SY74258CC	1785.-	1/3		
	32	5SY74328CC	1785.-	1/3		
	40	5SY74408CC	2875.-	1/3		
	50	5SY74508CC	2875.-	1/3		
63	5SY74638CC	2875.-	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 Miniature Circuit Breakers





5SP4, 10kA MCBs with C/D characteristics

- Standards: IS/IEC 60898-1:2002
- Voltage: Un 240/415V, 50...60Hz can be used in systems upto 60V DC for 1P and 110V DC for 2P
- 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	2400.-	1/10
		100		5SP41917RC	2530.-	1/10
		125		5SP41927RC	2870.-	1/10
	2-pole	80	3	5SP42807RC	4715.-	1/5
		100		5SP42917RC	4970.-	1/5
		125		5SP42927RC	5625.-	1/5
	3-pole	80	4.5	5SP43807RC	7360.-	1
		100		5SP43917RC	7550.-	1
		125		5SP43927RC	8650.-	1
	4-pole	80	6	5SP44807RC	10550.-	1
		100		5SP44917RC	10855.-	1
		125		5SP44927RC	12360.-	1

D characteristic

	1-pole	80	1.5	5SP41808RC	2640.-	1/10
		100		5SP41918RC	2770.-	1/10
	2-pole	80	3	5SP42808RC	5305.-	1/5
		100		5SP42918RC	5630.-	1/5
	3-pole	80	4.5	5SP43808RC	8175.-	1
		100		5SP43918RC	8250.-	1
	4-pole	80	6	5SP44808RC	11495.-	1
		100		5SP44918RC	11780.-	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



NEW




Betagard Circuit Breakers 5SY5, 10kA 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	1	5SY51057CC	600.-	1/12
	0.5		5SY51017CC	600.-	1/12
	1		5SY51027CC	650.-	1/12
	2		5SY51037CC	650.-	1/12
	3		5SY51047CC	650.-	1/12
	4		5SY51067CC	550.-	1/12
	6		5SY51087CC	550.-	1/12
	8		5SY51107CC	550.-	1/12
	10		5SY51137CC	550.-	1/12
	13		5SY51167CC	550.-	1/12
	16		5SY51207CC	550.-	1/12
	20		5SY51257CC	550.-	1/12
	25		5SY51327CC	550.-	1/12
	32		5SY51407CC	825.-	1/12
	40		5SY51507CC	825.-	1/12
50	5SY51637CC	825.-	1/12		
63					
	2P, 440V DC	2	5SY52057CC	1310.-	1/6
	0.5		5SY52017CC	1310.-	1/6
	1		5SY52027CC	1310.-	1/6
	2		5SY52037CC	1310.-	1/6
	3		5SY52047CC	1310.-	1/6
	4		5SY52067CC	1150.-	1/6
	6		5SY52087CC	1150.-	1/6
	8		5SY52107CC	1150.-	1/6
	10		5SY52137CC	1150.-	1/6
	13		5SY52167CC	1150.-	1/6
	16		5SY52207CC	1150.-	1/6
	20		5SY52257CC	1150.-	1/6
	25		5SY52327CC	1150.-	1/6
	32		5SY52407CC	1695.-	1/6
	40		5SY52507CC	1695.-	1/6
50	5SY52637CC	1695.-	1/6		
63					

Betagard Isolators

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

	Rated Current I_n (A)	MW#	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
	2-pole	2	5TL12320	475.-	1/1
	32		5TL12400	490.-	1/1
	40		5TL12630	630.-	1/1
	63		5TL12800	830.-	1/1
	80		5TL12910	1060.-	1/1
	100		5TL12920	1095.-	1/1
	3-pole	3	5TL13320	775.-	1/1
	32		5TL13400	900.-	1/1
	40		5TL13630	1000.-	1/1
	63		5TL13800	1215.-	1/1
	80		5TL13910	1275.-	1/1
	100		5TL13920	1380.-	1/1
	4-pole	34	5TL14320	890.-	1/1
	32		5TL14400	1075.-	1/1
	40		5TL14630	1215.-	1/1
	63		5TL14800	1440.-	1/1
	80		5TL14910	1765.-	1/1
	100		5TL14920	1880.-	1/1

Note:

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

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SIEMENS

When its about life - There is no compromise

Betagard range of RCCBs and RCBOs

With added intelligence for accurate protection

Betagard Residual Current Devices - Inspiring Safety

- Instant protection against electrical shocks and fires. It also prevents energy wastage due to leakage currents.
- Siemens RCDs trips nearly ten times faster than IEC requirement.
- Highly reliable due to current operated mechanism
- ISI mark for assured quality and protection
- Finger touch proof terminals for operator safety (IP20)
- Tested for more than 10000 electrical and mechanical operations
- Snap on fit to 35mm DIN rails and can sustain high vibrations
- RoHS complaint
- Rugged design to sustain 10kA fault current





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Betagard Residual Current Circuit Breakers 5SM3




- Standards: IS 12640, Part 1:2008/IEC 61008-1:1996
- Voltage: 240/415Vac, 50...60Hz
- 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	25	2	5SM33120RC	2844.-	10
	100	25		5SM34120RC	2968.-	10
	300	25		5SM36120RC	2985.-	10
	30	40		5SM33140RC	3331.-	10
	100	40		5SM34140RC	3477.-	10
	300	40		5SM36140RC	3509.-	10
	30	63	2.5	5SM33160RC	4454.-	10
	100	63		5SM34160RC	4492.-	10
	300	63		5SM36160RC	4641.-	10
	30	80		5SM33170RC	6709.-	5
	100	80		5SM34170RC	6965.-	5
	300	80		5SM36170RC	6965.-	5
	30	100	2	5SM33180KK	13632.-	1
	100	100		5SM34180KK	11994.-	1
	300	100		5SM36180KK	11999.-	1
	30	125		5SM33150KK	17627.-	1
	100	125		5SM34150KK	15514.-	1
	300	125		5SM36150KK	15519.-	1
	30	25	4	5SM33420RC	3807.-	5
	100	25		5SM34420RC	3948.-	5
	300	25		5SM36420RC	3980.-	5
	30	40		5SM33440RC	3856.-	5
	100	40		5SM34440RC	4002.-	5
	300	40		5SM36440RC	4039.-	5
	30	63	5	5SM33460RC	4492.-	5
	100	63		5SM34460RC	4667.-	5
	300	63		5SM36460RC	4705.-	5
	30	80		5SM33470RC	6229.-	5
	100	80		5SM34470RC	5661.-	5
	300	80		5SM36470RC	5672.-	5
	30	100	1	5SM33480RC	31744.-	1
	100	100		5SM34480RC	28168.-	1
	300	100		5SM36480RC	26695.-	1
	30	125		5SM33450RC	31744.-	1
	100	125		5SM34450RC	28168.-	1
	300	125		5SM36450RC	26695.-	1
	300	125		5SM37450RC	30745.-	1

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

	30	25	2	5SM33126RC	4326.-	1
	100	25		5SM34126RC	5099.-	1
	300	25		5SM36126RC	5099.-	1
	30	40		5SM33146RC	4915.-	1
	100	40		5SM34146RC	5121.-	1
	300	40		5SM36146RC	5121.-	1
	30	63	2.5	5SM33166RC	7145.-	1
	100	63		5SM34166RC	7343.-	1
	300	63		5SM36166RC	6993.-	1
	30	80		5SM33176RC	7681.-	1
	100	80		5SM34176RC	8265.-	1
	300	80		5SM36176RC	7872.-	1
	30	100	2	5SM33186KK	21197.-	1
	100	100		5SM34186KK	21197.-	1
	300	100		5SM36186KK	21197.-	1
	30	125		5SM33156KK	29790.-	1
	100	125		5SM34156KK	27912.-	1
	300	125		5SM36156KK	27912.-	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

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Betagard Residual Current Circuit Breakers 5SM3

- Standards: IS 12640, Part 1:2008/IEC 61008-1:1996
- Voltage: 240/415Vac, 50...60Hz
- With ISI marking: CM/L No. 7676092

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

	Rated residual current $I_{\Delta n}$ (mA)	Rated Current I_n (A)	MW#	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)	
	30	25	4	5SM33426RC	5138.-	1	
	100	25		5SM34426RC	6338.-	1	
	300	25		5SM36426RC	6338.-	1	
	30	40	4	5SM33446RC	5667.-	1	
	100	40		5SM34446RC	6338.-	1	
	300	40		5SM36446RC	6338.-	1	
	30	63	4	5SM33466RC	6474.-	1	
	100	63		5SM34466RC	6436.-	1	
	300	63		5SM36466RC	6436.-	1	
	30	80	4	5SM33476RC	7779.-	1	
	100	80		5SM34476RC	6917.-	1	
	300	80		5SM36476RC	6917.-	1	
	30	100	4	5SM33486RC	29097.-	1	
	100	100		5SM34486RC	28043.-	1	
	300	100		5SM36486RC	28496.-	1	
	30	125	4	5SM33456RC	29097.-	1	
100	125	5SM34456RC		28043.-	1		
300	125	5SM36456RC		31083.-	1		
500	125	4	5SM37456RC	32033.-	1		
Super Resistant K							
	30	25	2	5SM33126RC01	9372.-	1	
	30	40		5SM33146RC01	9400.-	1	
	30	63	2.5	5SM33166RC01	13638.-	1	
	300	63		5SM36166RC01	13560.-	1	
		30	25	4	5SM33426RC01	12637.-	1
		30	40		5SM33446RC01	11585.-	1
		300	40	5SM36446RC01	11380.-	1	
		30	63	5SM33466RC01	11585.-	1	
300		63	5SM36466RC01	11380.-	1		
300		80	5SM36476RC01	12298.-	1		
Selective S							
	300	40	2	5SM36148RC	10768.-	1	
	100	63	2.5	5SM34168RC	11101.-	1	
	300	63		5SM36168RC	9333.-	1	
	300	80		5SM36178RC	9778.-	1	
		100	40	4	5SM34448RC	9199.-	1
		300	40		5SM36448RC	9411.-	1
		100	63	5SM34468RC	9522.-	1	
		300	63	5SM36468RC	9411.-	1	
		300	125	5SM36458RC	33166.-	1	
		500	125	5SM37458RC	34573.-	1	

Note:

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

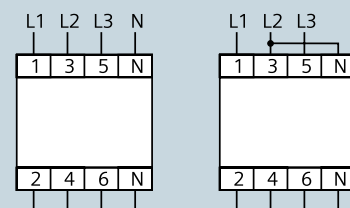
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RCCB suitability for various distribution networks.

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.



Betagard Residual Current Circuit Breakers 5SM3



- Standards: IS 12640, Part 1:2008/IEC 61008-1:1996
- Voltage: 240/415Vac, 50...60Hz
- With ISI marking: CM/L No. 7676092

Type B, applicable in networks with AC, pulsating DC and pure DC residual currents

	Rated residual current $I_{\Delta n}$ (mA)	Rated Current I_n (A)	MW#	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
Super Resistant K						
	4 Pole	30	25	5SM33424RC	32041.-	1
		300	25	5SM36424RC	33974.-	1
		30	40	5SM33444RC	32041.-	1
		300	40	5SM36444RC	33927.-	1
		30	63	5SM33464RC	34114.-	1
		300	63	5SM36464RC	34114.-	1
		500	63	5SM37464RC	37984.-	1
		30	80	5SM33474RC	32041.-	1
		300	80	5SM36474RC	34114.-	1
		500	80	5SM37474RC	37984.-	1
Selective S						
	4 Pole	300	63	5SM36465RC	34007.-	1
		500	63	5SM37465RC	38573.-	1
		300	80	5SM36475RC	34007.-	1
		500	80	5SM37475RC	38573.-	1

Types of Residual Current Circuit Breakers (RCCBs)

Type AC:

Residual current protective devices of type AC are suitable only for detecting sinusoidal AC residual current.

Type A:

In addition to sinusoidal AC residual currents, residual current protective devices of type A also measure pulsating DC residual currents.

This device type is the most commonly used pulse current-sensitive residual current operated circuit-breaker. It also covers the residual current waveforms which can occur in power supply units (e.g. ECG, washing machines) in the case of single-phase loads with electronic components.

Type B:

In addition to detecting residual current waveforms of type A, residual current protective devices of type B are used to measure smooth DC residual currents.

Suitable RCD type	Circuit	Load current	Residual current
B, A, AC	1		
B, A, AC	2		
B, A, AC	3		
B, A, AC	4		
B, A, AC	5		
B, A, AC	6		
B, A, AC	7		
B, A, AC	8		
B, A, AC	9		
B, A, AC	10		

Possible residual current wave shapes and suitable residual current protective devices

Note: * MRP - Maximum Retail Price



1MW (Module Width) = 18mm

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Betagard Residual Current Breaker Operators 5SU1, 10kA

- Standards: IS 12640, Part 2:2008/IEC 61009-1:1996
- Voltage: 240/415Vac, 50...60Hz
- With ISI marking: CM/L No. 7676193


Type AC with C characteristic

	Rated residual current $I_{\Delta n}$ (mA)	Rated Current I_n (A)	MW#	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
	240Vac; 50...60Hz; 2 pole					
	30	32	4	5SU13241RC32	4067.-	1/10
		40		5SU13241RC40	4737.-	1/10
		63		5SU13241RC63	5510.-	1/10
	100	32		5SU14241RC32	4489.-	1/10
		40		5SU14241RC40	5040.-	1/10
		63		5SU14241RC63	5873.-	1/10
	300	32		5SU16241RC32	4537.-	1/10
		40		5SU16241RC40	5088.-	1/10
63		5SU16241RC63		5873.-	1/10	
	415Vac; 50...60Hz; 4 pole					
	30	32	7	5SU13441RC32	5430.-	1/5
		40		5SU13441RC40	5526.-	1/5
		63		5SU13441RC63	6559.-	1/5
	100	32		5SU14441RC32	5494.-	1/5
		40		5SU14441RC40	5602.-	1/5
		63		5SU14441RC63	6441.-	1/5
	300	32		5SU16441RC32	5538.-	1/5
		40		5SU16441RC40	5651.-	1/5
		63		5SU16441RC63	6505.-	1/5

Type AC with D characteristic

	240Vac; 50...60Hz; 2 pole					
	30	32	4	5SU13242RC32	5000.-	1/10
		40		5SU13242RC40	5481.-	1/10
		63		5SU13242RC63	6606.-	1/10
	100	32		5SU14242RC32	6048.-	1/10
		40		5SU14242RC40	6622.-	1/10
		63		5SU14242RC63	7566.-	1/10
	300	32		5SU16242RC32	5918.-	1/10
		40		5SU16242RC40	6622.-	1/10
63		5SU16242RC63		7577.-	1/10	
	415Vac; 50...60Hz; 4 pole					
	30	32	7	5SU13442RC32	6851.-	1/5
		40		5SU13442RC40	6955.-	1/5
		63		5SU13442RC63	8244.-	1/5
	100	32		5SU14442RC32	7419.-	1/5
		40		5SU14442RC40	7752.-	1/5
		63		5SU14442RC63	8587.-	1/5
	300	32		5SU16442RC32	7320.-	1/5
		40		5SU16442RC40	7823.-	1/5
		63		5SU16442RC63	8412.-	1/5

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

	1 pole + N						
		30	6	2	5SU13541RC06	4526.-	1/10
		30	10		5SU13541RC10	4526.-	1/10
		30	16		5SU13541RC16	4526.-	1/10
		30	20		5SU13541RC20	4526.-	1/10
		30	25		5SU13541RC25	4526.-	1/10
		30	32		5SU13541RC32	4751.-	1/10
		30	40		5SU13541RC40	5618.-	1/10
		300	6		5SU16541RC06	4606.-	1/10
		300	10		5SU16541RC10	4606.-	1/10
		300	16		5SU16541RC16	4606.-	1/10
		300	20		5SU16541RC20	4606.-	1/10
		300	25		5SU16541RC25	4606.-	1/10
		300	32		5SU16541RC32	4842.-	1/10
		300	40		5SU16541RC40	5725.-	1/10

Note: * MRP - Maximum Retail Price

1MW (Module Width) = 18mm

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Betagard Residual Current Breaker Operators 5SU1, 10kA





- Standards: IS 12640, Part 2:2008/IEC 61009-1:1996
- Voltage: 240/415Vac, 50...60Hz
- With ISI marking: CM/L No. 7676193


Type A with C characteristic

	Rated residual current $I_{\Delta n}$ (mA)	Rated Current I_n (A)	MW [#]	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
	240Vac; 50...60Hz; 2 pole					
	30	32	4	5SU13247RC32	7365.-	1/10
		40		5SU13247RC40	8106.-	1/10
		63		5SU13247RC63	9171.-	1/10
	100	32		5SU14247RC32	7857.-	1/10
		40		5SU14247RC40	8733.-	1/10
		63		5SU14247RC63	9928.-	1/10
	300	32		5SU16247RC32	7857.-	1/10
		40		5SU16247RC40	8733.-	1/10
63		5SU16247RC63		9928.-	1/10	
	415Vac; 50...60Hz; 4 pole					
	30	32	7	5SU13447RC32	9020.-	1/5
		40		5SU13447RC40	9393.-	1/5
		63		5SU13447RC63	10745.-	1/5
	100	32		5SU14447RC32	9668.-	1/5
		40		5SU14447RC40	9857.-	1/5
		63		5SU14447RC63	11016.-	1/5
	300	32		5SU16447RC32	9668.-	1/5
		40		5SU16447RC40	10031.-	1/5
63		5SU16447RC63		11194.-	1/5	

Type A with D characteristic

	240Vac; 50...60Hz; 2 pole					
	30	32	4	5SU13248RC32	8204.-	1/10
		40		5SU13248RC40	9258.-	1/10
		63		5SU13248RC63	10525.-	1/10
	100	32		5SU14248RC32	8828.-	1/10
		40		5SU14248RC40	9816.-	1/10
		63		5SU14248RC63	11180.-	1/10
	300	32		5SU16248RC32	8828.-	1/10
		40		5SU16248RC40	9816.-	1/10
63		5SU16248RC63		11180.-	1/10	
	415Vac; 50...60Hz; 4 pole					
	30	32	7	5SU13448RC32	10154.-	1/5
		40		5SU13448RC40	10279.-	1/5
		63		5SU13448RC63	12124.-	1/5
	100	32		5SU14448RC32	10689.-	1/5
		40		5SU14448RC40	11431.-	1/5
		63		5SU14448RC63	12441.-	1/5
	300	32		5SU16448RC32	10689.-	1/5
		40		5SU16448RC40	11431.-	1/5
63		5SU16448RC63		12447.-	1/5	

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







	1 pole + N					
	30	6	2	5SU13547RC06	8264.-	1/10
		10		5SU13547RC10	8264.-	1/10
		16		5SU13547RC16	8264.-	1/10
		20		5SU13547RC20	8264.-	1/10
		25		5SU13547RC25	8264.-	1/10
		32		5SU13547RC32	8639.-	1/10
		40		5SU13547RC40	10455.-	1/10
		6		5SU16547RC06	8505.-	1/10
		10		5SU16547RC10	8505.-	1/10
		16		5SU16547RC16	8505.-	1/10
		20		5SU16547RC20	8505.-	1/10
		25		5SU16547RC25	8505.-	1/10
		32		5SU16547RC32	8848.-	1/10
		40		5SU16547RC40	10669.-	1/10

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

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Betagard Accessories


Accessories for 5SL6 / 5SL4 / 5SY7 / 5SY5 / 5SP4 MCBs and 5SU1 RCBOs

	Item Description	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
	Aux contact block (for 5SL/5SY/5SP4/5SU1)			
	1NO+1NC	5ST3010	775.-	1/10
	2NO	5ST3011	790.-	1/10
	2NC	5ST3012	790.-	1/10
	Fault signal contact (for 5SL/5SY/5SP4/5SU1)			
	1NO+1NC	5ST3020	1145.-	1/10
2NO	5ST3021	1160.-	1/10	
2NC	5ST3022	1160.-	1/10	
	Shunt release (for 5SY/5SP4/5SU1)			
	110...415V AC	5ST3030	3215.-	1/5
	24...48V DC	5ST3031	3215.-	1/5
	Undervoltage release (for 5SY/5SP4/5SU1)			
	With integrated aux. switch			
	230V AC	5ST3040	4310.-	1/5
	110V DC	5ST3041	4310.-	1/5
	24V DC	5ST3042	4310.-	1/5
	Without integrated aux. switch			
	230V AC	5ST3043	4310.-	1/5
	110V DC	5ST3044	4310.-	1/5
24V DC	5ST3045	4310.-	1/5	
	Remote control mechanism (RC) for 5SY, 5SP and 5SU1 RCBOs 230V AC, 3.5MW	5ST3050	24715.-	1
	Handle locking device			
	for 5SP and 5SY circuit breakers for padlock with max. 3mm shackle	5ST3801	400.-	1
	for 5SL miniature circuit breakers for padlock with max. 3 to 6 mm shackle	5ST3806	375.-	1
	Pad locks for 5ST3801 and 5ST3806 handle locking devices	5ST3802	250.-	5

Accessories for Residual Current Circuit Breakers, Type 5SM3

Item Description	Reference No.	Unit MRP* ₹	Std. Pkg.** (Nos.)
Aux contact block 1NO+1NC, 25A to 80A	5SW3300	1755.-	1/10
Aux contact block 1NO+1NC, 100A to 125A	5SW3330	3640.-	1/10

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	5ST38140RC	1515.-	1

Note: * MRP - Maximum Retail Price

1MW (Module Width) = 18mm

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Perfect blend of beauty and features with assured performance

Betagard Distribution Boards







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



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Betagard Distribution Boards 8GB32 SPN and TPN DBs

- Type Tested as per IEC 61439 – 1/2 Standards at neutral 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 to users and Installers by 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 manufactured by latest technology with 18 SWG and 16 SWG CRCA Steel.
- DBs are subjected to seven tanks Process and treated with Premier quality powder coating.
- Cement Masking Sheet protects the DBs against extreme site conditions.
- DBs are supplied in Dual Packing for safety during transit and storage.

	Item Description	Incoming Slots	Outgoing Slots	Total Slots	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
Metal Enclosures, IP20:							
	1 Module	–	–	1	8GB32100RC01	355.-	1/20
	2 Module	–	–	2	8GB32100RC02	525.-	1/20
	3 Module	–	–	3	8GB32100RC03	525.-	1/20
	4 Module	–	–	4	8GB32100RC04	525.-	1/20
	6 Module	–	–	6	8GB32100RC06	700.-	1/20
	8 Module	–	–	8	8GB32100RC08	815.-	1/10
SPN Single Door DBs, IP20:							
	6 Module	2	4	6	8GB32101RC06	1045.-	1
	8 Module	2	6	8	8GB32101RC08	1105.-	1
	10 Module	2	8	10	8GB32101RC10	1340.-	1
	12 Module	2	10	12	8GB32101RC12	1395.-	1
	14 Module	2	12	14	8GB32101RC14	1570.-	1
	16 Module	2	14	16	8GB32101RC16	1690.-	1
SPN Metal Double Door DBs, IP 43:							
	6 Module	2	4	6	8GB32102RC06	1735.-	1
	8 Module	2	6	8	8GB32102RC08	1800.-	1
	10 Module	2	8	10	8GB32102RC10	2095.-	1
	12 Module	2	10	12	8GB32102RC12	2155.-	1
	14 Module	2	12	14	8GB32102RC14	2510.-	1
	16 Module	2	14	16	8GB32102RC16	2575.-	1
SPN Acrylic Double Door DBs, IP 43:							
	6 Module	2	4	6	8GB32103RC06	2040.-	1
	8 Module	2	6	8	8GB32103RC08	2155.-	1
	10 Module	2	8	10	8GB32103RC10	2510.-	1
	12 Module	2	10	12	8GB32103RC12	2695.-	1
	14 Module	2	12	14	8GB32103RC14	2815.-	1
	16 Module	2	14	16	8GB32103RC16	2930.-	1
Wire Way Box For SPN Single Door IP 20 DBs:							
	For 6 MOD SPN Single door DB	–	–	–	8GB32106RC06	725.-	1/5
	For 8 MOD SPN Single door DB	–	–	–	8GB32106RC08	725.-	1/5
	For 10 MOD SPN Single door DB	–	–	–	8GB32106RC10	785.-	1/5
	For 12 MOD SPN Single door DB	–	–	–	8GB32106RC12	785.-	1/5
	For 14 MOD SPN Single door DB	–	–	–	8GB32106RC14	905.-	1/5
	For 16 MOD SPN Single door DB	–	–	–	8GB32106RC16	905.-	1/5
Wire Way Box For SPN Double Door IP 43 DBs:							
	For 6 MOD SPN Double door DB	–	–	–	8GB32107RC06	785.-	1/5
	For 8 MOD SPN Double door DB	–	–	–	8GB32107RC08	785.-	1/5
	For 10 MOD SPN Double door DB	–	–	–	8GB32107RC10	850.-	1/5
	For 12 MOD SPN Double door DB	–	–	–	8GB32107RC12	850.-	1/5
	For 14 MOD SPN Double door DB	–	–	–	8GB32107RC14	1085.-	1/5
	For 16 MOD SPN Double door DB	–	–	–	8GB32107RC16	1085.-	1/5

Note: * MRP - Maximum Retail Price

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Contd...

Betagard Distribution Boards 8GB32 SPN and TPN DBs


	Item Description	Incoming Slots	Outgoing Slots	Total Slots	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
TPN Single Door DBs, IP20:							
	4 way	8	12	20	8GB32201RC04	2635.-	1
	6 way	8	18	26	8GB32201RC06	3170.-	1
	8 way	8	24	32	8GB32201RC08	3825.-	1
	10 way	8	30	38	8GB32201RC10	5550.-	1
	12 way	8	36	44	8GB32201RC12	5670.-	1
	14 way	8	42	50	8GB32201RC14	6505.-	1
	16 way	8	48	56	8GB32201RC16	6750.-	1
TPN Metal Double Door DBs, IP 43							
	4 way	8	12	20	8GB32202RC04	3410.-	1
	6 way	8	18	26	8GB32202RC06	4125.-	1
	8 way	8	24	32	8GB32202RC08	4955.-	1
	10 way	8	30	38	8GB32202RC10	7160.-	1
	12 way	8	36	44	8GB32202RC12	7340.-	1
	14 way	8	42	50	8GB32202RC14	8710.-	1
	16 way	8	48	56	8GB32202RC16	8955.-	1
TPN Acrylic Double Door DBs, IP 43							
	4 way	8	12	20	8GB32203RC04	4125.-	1
	6 way	8	18	26	8GB32203RC06	5075.-	1
	8 way	8	24	32	8GB32203RC08	6090.-	1
	10 way	8	30	38	8GB32203RC10	7935.-	1
	12 way	8	36	44	8GB32203RC12	9250.-	1
	14 way	8	42	50	8GB32203RC14	9905.-	1
	16 way	8	48	56	8GB32203RC16	10565.-	1
TPN to PPI Conversion Kit®							
	To convert 6 way TPN DB to 4 way TPN PPI DB				8GB32205RC04	2155.-	1/5
	To convert 8 way TPN DB to 6 way TPN PPI DB				8GB32205RC06	2510.-	1/5
	To convert 10 way TPN DB to 8 way TPN PPI DB				8GB32205RC08	2575.-	1/5
	To convert 12 way TPN DB to 10 way TPN PPI DB				8GB32205RC10	2750.-	1/5
	To convert 14 way TPN DB to 12 way TPN PPI DB				8GB32205RC12	2930.-	1/5
	To convert 16 way TPN DB to 14 way TPN PPI DB				8GB32205RC14	3110.-	1/5
	Wire Way Box For TPN Single Door IP 20 DBs						
	For 4 Way TPN Single door DB	-	-	-	8GB32206RC04	905.-	1/5
	For 6 Way TPN Single door DB	-	-	-	8GB32206RC06	905.-	1/5
	For 8 Way TPN Single door DB	-	-	-	8GB32206RC08	1620.-	1/5
	For 10 Way TPN Single door DB	-	-	-	8GB32206RC10	2040.-	1/5
	For 12 Way TPN Single door DB	-	-	-	8GB32206RC12	2095.-	1/5
	For 14 Way TPN Single door DB	-	-	-	8GB32206RC14	2155.-	1/5
	For 16 Way TPN Single door DB	-	-	-	8GB32206RC16	2275.-	1/5
Wire Way Box For TPN Double Door IP 43 DBs							
	For 4 Way TPN Double door DB	-	-	-	8GB32207RC04	965.-	1/5
	For 6 Way TPN Double door DB	-	-	-	8GB32207RC06	1085.-	1/5
	For 8 Way TPN Double door DB	-	-	-	8GB32207RC08	1735.-	1/5
	For 10 Way TPN Double door DB	-	-	-	8GB32207RC10	1855.-	1/5
	For 12 Way TPN Double door DB	-	-	-	8GB32207RC12	2275.-	1/5
	For 14 Way TPN Double door DB	-	-	-	8GB32207RC14	2390.-	1/5
	For 16 Way TPN Double door DB	-	-	-	8GB32207RC16	2460.-	1/5

Note: * MRP - Maximum Retail Price




@ Contains required accessories to Make the DB suitable for PPI Configuration
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Betagard Distribution Boards 8GB0 SPN and TPN DBs

	Item Description	Incoming Slots	Outgoing Slots	Total Slots	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
Plastic Enclosure, IP20:							
	3/4 Way	-	-	4	8GB0004	200.-	1/50
	6 Way	-	-	6	8GB0006	310.-	1/25
Double Door SPN DBs, IP42 :							
	4 Way	2	4	6	8GB0204RC	1675.-	1
	6 Way	2	6	8	8GB0206RC	1725.-	1
	8 Way	2	8	10	8GB0208RC	2020.-	1
	12 Way	2	12	14	8GB0212RC	2410.-	1
	14 Way	2	14	16	8GB0214RC	2475.-	1
Double Door TPN DBs (Horizontal), IP42 :							
	4 Way	8	12	20	8GB0404HRC	3280.-	1
	6 Way	8	18	26	8GB0406HRC	4020.-	1
	8 Way	8	24	32	8GB0408HRC	4885.-	1
	12 Way	8	36	44	8GB0412HRC	7055.-	1
Double Door TPN DBs (Vertical), IP42 :							
	4 Way	8	12	20	8GB0404VRC	4350.-	1
	6 Way	8	18	26	8GB0406VRC	4695.-	1
	8 Way	8	24	32	8GB0408VRC	5390.-	1
	12 Way	8	36	44	8GB0412VRC	7590.-	1
Double Door, Per Phase Isolation TPN DBs (Horizontal), IP42 :							
	4 Way	8	18	26	8GB0405HRC	5735.-	1
	6 Way	8	24	32	8GB0407HRC	6600.-	1
	8 Way	8	30	38	8GB0409HRC	8800.-	1
	12 Way	8	42	50	8GB0413HRC	10600.-	1
Double Door, Per Phase Isolation TPN DBs (Vertical), IP42 :							
	4 Way	8	18	26	8GB0405VRC	6485.-	1
	6 Way	8	24	32	8GB0407VRC	7125.-	1
	8 Way	8	30	38	8GB0409VRC	9790.-	1
	12 Way	8	42	50	8GB0413VRC	11990.-	1
Double Door, Phase Segregated TPN DBs (7 segment), IP42:							
	4 Way	12	12+12	36	8GB0504	7935.-	1
	6 Way	12	12+18	42	8GB0506	8980.-	1
	8 Way	12	12+24	48	8GB0508	10020.-	1
	12 Way	12	12+36	60	8GB0512	12680.-	1

Betagard Distribution Boards MB DBs

	Item Description	Incoming Slots	Outgoing Slots	Total Slots	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
Betagard MB (Ivory White) :							
	1Row, 6Mod	2	4	6	8GB31810RC01	1395.-	1/10
	1Row, 8Mod	2	6	8	8GB31811RC01	1625.-	1/10
	1Row, 10Mod	2	8	10	8GB31812RC01	1805.-	1/10
	1Row, 12Mod	2	10	12	8GB31813RC01	1920.-	1/10
	1Row, 14Mod	2	12	14	8GB31814RC01	2035.-	1/10
	1Row, 16Mod	2	14	16	8GB31815RC01	2440.-	1/10
Betagard MB (Metallic Grey) :							
	1Row, 6Mod	2	4	6	8GB31810RC02	1455.-	1/10
	1Row, 8Mod	2	6	8	8GB31811RC02	1690.-	1/10
	1Row, 10Mod	2	8	10	8GB31812RC02	1920.-	1/10
	1Row, 12Mod	2	10	12	8GB31813RC02	2035.-	1/10
	1Row, 14Mod	2	12	14	8GB31814RC02	2150.-	1/10
	1Row, 16Mod	2	14	16	8GB31815RC02	2555.-	1/10
Betagard MB (Metallic Carbon) :							
	1Row, 6Mod	2	4	6	8GB31810RC03	1455.-	1/10
	1Row, 8Mod	2	6	8	8GB31811RC03	1690.-	1/10
	1Row, 10Mod	2	8	10	8GB31812RC03	1920.-	1/10
	1Row, 12Mod	2	10	12	8GB31813RC03	2035.-	1/10
	1Row, 14Mod	2	12	14	8GB31814RC03	2150.-	1/10
	1Row, 16Mod	2	14	16	8GB31815RC03	2555.-	1/10

Betagard Distribution Boards Industrial plug & sockets

	Item Description	Total Slots	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
Plug & Socket, IP20 with provision for MCB mounting :					
	1 Phase 20A, 1P MCB	1	8GB0501RC	1225.-	1/20
	1 Phase 20A, 2P MCB	2	8GB0501SRC	1225.-	1/20
	3 Phase 32A, 3P MCB	3	8GB0502	2610.-	1/15
	3 Phase 32A, 3P+N MCB	4	8GB0502S	2610.-	1/15
	5 Pin (3P+N+PE) 3Phase 32A MCB 3P+N MCB	8	8GB050332	3885.-	1/5
	5 Pin (3P+N+PE) 3Phase 63A MCB 3P+N MCB	8	8GB050363	10135.-	1/5







Note: * MRP - Maximum Retail Price

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Betagard Distribution Boards 8GB31

	Item Description	Incoming Slots	Outgoing Slots	Total Slots	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
Betaflex (Flexi DBs), IP42 :							
	2Row x 12Mod	—	—	24	8GB31424RC	3885.-	1
	2Row x 16Mod	—	—	32	8GB31426RC	4120.-	1
	4Row x 8Mod	—	—	32	8GB31442RC	4515.-	1
	4Row x 12Mod	—	—	48	8GB31444RC	5215.-	1
	4Row x 16Mod	—	—	64	8GB31446RC	7705.-	1
Betabus (Vertical Busbar DBs with MCB as an incomer), IP42 : (Suitable for 5SL/5SX/5SJ/5SP MCBs, upto 125A as an incomer)							
	4 way	12	12	24	8GB31471RC	7760.-	1
	6 way	12	18	30	8GB31473RC	9440.-	1
	8 way	12	24	36	8GB31474RC	9960.-	1
	12 way	12	36	48	8GB31477RC	13545.-	1
Betabusplus (Vertical Busbar DBs with MCCB as an incomer), IP42 : (Suitable for 3VT1 MCCBs, upto 160A as an incomer)							
	4 way	12	12	24	8GB31571RC	8685.-	1
	6 way	12	18	30	8GB31572RC	10950.-	1
	8 way	12	24	36	8GB31573RC	11815.-	1
	12 way	12	36	48	8GB31574RC	15745.-	1
BetaMulti (DBs for power & communication), IP42 :							
	12 way SPN, provision	2	12	14	8GB31215RC	4285.-	1
	4 Way TPN, Provision	8	12	20	8GB31220RC	5330.-	1
	6 way TPN, provision	8	18	26	8GB31221RC	5560.-	1
	8 Way TPN Provision	8	24	32	8GB31222RC	6140.-	1
	12 way SPN, built-in	2	12	14	8GB31315RC	5735.-	1
	4 Way TPN, Built-in	8	12	20	8GB31320RC	6715.-	1
	6 way TPN, built-in	8	18	26	8GB31321RC	7185.-	1
	8 Way TPN, Built-in	8	24	32	8GB31322RC	7645.-	1
Beta CO (DBs with provision for phase changeover switches), IP42 :							
	4 way, with provision	8	12	20	8GB31840RC	7475.-	1
	6 way, with provision	8	18	26	8GB31841RC	7590.-	1
	8 way, with provision	8	24	32	8GB31842RC	8285.-	1
	12 way, with provision	8	36	44	8GB31844RC	9845.-	1
Beta CO (DBs with built-in pre-wired phase changeover switches), IP42 :							
	40 A, 4 Way TPN, built-in	8	12	20	8GB31850RC	10655.-	1
	40 A, 6 Way TPN, built-in	8	18	26	8GB31851RC	11000.-	1
	40 A, 8 Way TPN, built-in	8	24	32	8GB31852RC	11580.-	1
	40 A, 12 Way TPN, built-in	8	36	44	8GB31854RC	13895.-	1
	63 A, 4 Way TPN, built-in	8	12	20	8GB31860RC	11115.-	1
	63 A, 6 Way TPN, built-in	8	18	26	8GB31861RC	11465.-	1
	63 A, 8 Way TPN, built-in	8	24	32	8GB31862RC	12510.-	1
	63 A, 12 Way TPN, built-in	8	36	44	8GB31864RC	14130.-	1

Note:



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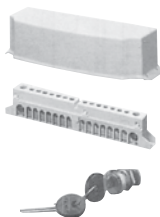
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Betagard Distribution Boards 8GB31

	Item Description	Incoming Slots	Outgoing Slots	Total Slots	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
Wire Way Boxes (WWB)							
	WWB for Flexi DB, 8Mod	—	—	—	8GB9908FWWNT	1045.-	1/5
	WWB for Flexi DB, 12Mod	—	—	—	8GB9912FWWNT	1165.-	1/5
	WWB for Flexi DB, 16Mod	—	—	—	8GB9916FWWNT	1395.-	1/5
	WWB for Bus DB	—	—	—	8GB99BUSWWNT	1570.-	1/5
	WWB for Bus Plus DB	—	—	—	8GB99BPLUSWWNT	1690.-	1/5
Modular Device Boxes (MDB)							
	MDB for Flexi DB, 8Mod/Row	—	—	8	8GB9908FMDTC	1280.-	1/5
	MDB for Flexi DB, 12Mod/Row	—	—	12	8GB9912FMDTC	1455.-	1/5
	MDB for Flexi DB, 16Mod/Row	—	—	16	8GB9916FMDTC	1625.-	1/5
	MDB for Bus DB	—	—	12	8GB99BUSMBTC	1805.-	1/5
	MDB for Bus Plus DB	—	—	12	8GB99BPLUSMBTC	1970.-	1/5

Betagard Distribution Boards Simbox WP

	Item Description	Total Slots	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
Simbox WP (IP65 DBs)					
	1 Row, 4Mod	4	8GB13710	3190.-	1
	1 Row 8Mod	8	8GB13711	4055.-	1
	1 Row 12Mod	12	8GB13712	7240.-	1
	1 Row 18Mod	18	8GB13713	9385.-	1
	2 Row 2 x 12Mod	24	8GB13722	11580.-	1
	2 Row, 2 x 18Mod	36	8GB13723	16330.-	1
	3 Row, 3 x 18Mod	54	8GB13733	28715.-	1
	4 Row 4 x 18Mod	72	8GB13743	37630.-	1
Accessories for Simbox WP					
	Coupling covers, 12M		8GB20510	1045.-	1
	Coupling covers, 18M		8GB20511	1165.-	1
	Insulated N/PE terminals, 8MW		8GB20520	1625.-	1
	Insulated N/PE terminals, 12MW		8GB20521	2495.-	1
	Insulated N/PE terminals, 18MW		8GB20522	3655.-	1
	Cylindrical security lock		8GB20550	2960.-	1








Note:

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Betagard Distribution Boards Accessories

	Item Description	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
Blanking Plate				
	1 MW	8GB9901	35.-	25
	1.5 MW	8GB9902	40.-	25
Insulated Shorting Links				
Suitable For SPN and TPN PPI DBs				
	5 Leg SP Shorting Link (For 4 Way SPN DB and 4 Way PPI DB)	8GB9905LSP	125.-	10
	7 Leg SP Shorting Link (For 6 Way SPN DB and 6 Way PPI DB)	8GB9907LSP	140.-	10
	9 Leg SP Shorting Link (For 8 Way SPN DB and 8 Way PPI DB)	8GB9909LSP	165.-	10
	11 Leg SP Shorting Link (For 10 Way SPN DB and 10 Way PPI DB)	8GB9911LSP	185.-	10
	13 Leg SP Shorting Link (For 12 Way SPN DB and 12 Way PPI DB)	8GB9913LSP	240.-	10
	15 Leg SP Shorting Link (For 14 Way SPN DB and 14 Way PPI DB)	8GB9915LSP	295.-	10
	17 Leg SP Shorting Link (For 16 Way SPN DB and 16 Way PPI DB)	8GB9917LSP	310.-	10
Single Phase (For shorting 1P MCBs in TPN DBs)				
	4 Leg SP Shorting Link (For 4 Way TPN DB)	8GB9904LSP	125.-	10
	6 Leg SP Shorting Link (For 6 Way TPN DB)	8GB9906LSP	140.-	10
	8 Leg SP Shorting Link (For 8 Way TPN DB)	8GB9908LSP	165.-	10
	10 Leg SP Shorting Link (For 10 Way TPN DB)	8GB9910LSP	185.-	10
	12 Leg SP Shorting Link (For 12 Way TPN DB)	8GB9912LSP	240.-	10
	14 Leg SP Shorting Link (For 14 Way TPN DB)	8GB9914LSP	295.-	10
	16 Leg SP Shorting Link (For 16 Way TPN DB)	8GB9916LSP	310.-	10
Two Phase (For shorting 2P MCBs)				
	4 Way DP Shorting Link (For Shorting 4 Nos of 2P MCBs)	8GB9904LDP	440.-	5
	6 Way DP Shorting Link (For Shorting 6 Nos of 2P MCBs)	8GB9906LDP	555.-	5
	8 Way DP Shorting Link (For Shorting 8 Nos of 2P MCBs)	8GB9908LDP	750.-	5
Three Phase (For shorting 3P MCBs)				
	4 Way TP Shorting Link (For Shorting 4 Nos of 3P MCBs)	8GB9904LTP	810.-	5
	6 Way TP Shorting Link (For Shorting 6 Nos of 3P MCBs)	8GB9906LTP	1185.-	5
	8 Way TP Shorting Link (For Shorting 8 Nos of 3P MCBs)	8GB9908LTP	1410.-	5
Three Phase Neutral (For Shorting 4P MCBs)				
	4 Way TPN Shorting Link (For Shorting 4 Nos of 4P MCBs)	8GB9904LTPN	990.-	5
	6 Way TPN Shorting Link (For Shorting 6 Nos of 4P MCBs)	8GB9906LTPN	1375.-	5
	8 Way TPN Shorting Link (For Shorting 8 Nos of 4P MCBs)	8GB9908LTPN	1810.-	5
Neutral Terminals				
Neutral Terminals For 8GB31 DBs				
	Neutral Terminals for 4 Way Circuits	8GB9904NSPE	105.-	10
	Neutral Terminals for 6 Way Circuits	8GB9906NSPE	125.-	10
	Neutral Terminals for 8 Way Circuits	8GB9908NSPE	140.-	10
	Neutral Terminals for 12 Way Circuits	8GB9912NSPE	175.-	10
	Neutral Terminals for 14 Way Circuits	8GB9914NSPE	195.-	10
Neutral Terminals For 8GB32 DBs (With Terminal Shroud and Cover)				
	Neutral Terminal 5 Holes	8GB9905NPE	140.-	10
	Neutral Terminal 11 Holes	8GB9911NPE	210.-	10
	Neutral Terminal 13 Holes	8GB9913NPE	240.-	10
	Neutral Terminal 15 Holes	8GB9915NPE	265.-	10

Note: * MRP - Maximum Retail Price

Way - Denotes No of MCBs at the Outgoing

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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	1360.-	1/10
	2C/O, 400V	20	1	5TE8162	2484.-	1/10
	Group switch, center position, 2C/O, 400V	20	1	5TE8142	2865.-	1/10
Insta Contactors						
Standards: EN 60947-4-1, EN 60947-5-1						
	2NO contacts, 230Vac	20	1	5TT58000	2107.-	1/5
	3NO+1NC contacts, 230Vac/220Vdc (1NC contact rated for 30A)	40	3	5TT58410	5781.-	1/5
	3NO+1NC contacts, 24Vac/24Vdc (1NC contact rated for 30A)	40	3	5TT58412	5938.-	1/5
	4NO contacts, 230Vac/220Vdc	40	3	5TT58400	5129.-	1/5
	4NO contacts, 24Vac/24Vdc	40	3	5TT58402	5854.-	1/5
	3NO+1NC contacts, 230Vac/220Vdc (1NC contact rated for 30A)	63	3	5TT58510	8231.-	1/5
	3NO+1NC contacts, 24Vac/24Vdc, (1NC contact rated for 30A)	63	3	5TT58512	8703.-	1/5
	4NO contacts, 230Vac/220Vdc	63	3	5TT58500	6489.-	1/5
4NO contacts, 24Vac/24Vdc	63	3	5TT58502	7955.-	1/5	
Insta Contactors with Manual Switch O//Automatic and switching position indication						
Standards: IEC60947-4-1, IEC60947-5-1						
	2NO contacts, 230Vac	20	1	5TT58006	2567.-	1/5
	1NO+1NC contacts, 230Vac	20	1	5TT58016	4331.-	1/5
	4NO contacts, 230Vac	25	2	5TT58306	4074.-	1/5
	4NO contacts, 400Vac	40	3	5TT58406	8967.-	1/5
	4NO contacts, 400Vac	63	3	5TT58506	11685.-	1/5
Accessories						
	Control Switch with 1 Make and 1 Break Contact For AC 230V/400V For 5TT58 and 5TT50			5TT59101	2225.-	1/10




Note:

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

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Modular Devices

	Item Description	Rated Current I _n (A)	MW [#]	Reference No	Unit LP* ₹	Std. Pkg.** (Nos.)
Time Switches (Digital)						
	Mini digital, daily/weekly program, 100 hours reserve, 230Vac	16	1	7LF44015	10967.-	1
	Yearly time switch top digital 230V, 1 channel	16	2	7LF45110	12135.-	1
	Yearly time switch top digital 230V, 2 channel	16	2	7LF45120	14832.-	1
	Weekly time switch profi digital 230V, 1 channel	16	2	7LF45210	13820.-	1
	Weekly time switch profi digital 230V, 2 channel	16	2	7LF45220	17865.-	1
	Weekly time switch astro digital 230V, 1 channel	16	2	7LF45310	22023.-	1
	Weekly time switch astro digital 230V, 2 channel	16	2	7LF45320	32023.-	1
	Expert digital, daily/weekly/yearly program, 5 years reserve, 120/230Vac, 4 channels system	16	6	7LF44440	31045.-	1
Time Switches (Mechanical) Standards: EN 60730-1						
	Quartz-clock time switches with power reserve for wall mounting, day disk, 1CO, 250Vac	16	—	7LF53050	5433.-	1/5
	Synchronous time switches without power reserve, for wall mounting, day disk, 1CO, 250Vac	16	—	7LF53010	4607.-	1/5
Accessories for Digital Time Switches						
	Data key for storing & transferring data (Expert)			7LF49402	1438.-	1
	USB adapter and software			7LF49410	21011.-	1
	Data key profi, astro			7LF49411	2135.-	1

Measuring Selector Switches

Measuring Selector switches are used as CO contacts of the phase for voltages and currents in 3-phase systems for Voltmeters and Ammeters.

The design of these switches is adapted to match the modular installation devices. They support use in compliance with EN 60947-3. The device has a rated insulation voltage of 660V. This permits use in many systems.

	Item Description	Voltage V AC	Voltage V DC	Current A AC	MW [#]	Reference No	Unit LP* ₹	Std. Pkg.** (Nos.)
Measuring Selector Switches								
	Voltmeter Selector Switches	400	6	12	3	7KT9010	4585.-	1
	Ammeter Selector Switches for Transformer operation	400	6	12	3	7KT9011	5017.-	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

Contd...

Modular Devices

	Item Description	Rated Current I _n (A)	MW [#]	Reference No	Unit LP* ₹	Std. Pkg.** (Nos.)
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	9489.-	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	15792.-	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	17017.-	1
	Neutral conductor monitor with asymmetry detection and N conductor monitoring, 2C/O contacts, 230/400Vac	4	2	5TT3410	15157.-	1
Ammeters & Voltmeters						
	Digital Voltmeter, 12...600Vac		2	7KT1110	13119.-	1/5
	Digital Ammeter, direct connection 0.4...20A (With CTs 0.1...1000/5)		2	7KT1120	13119.-	1/5
RYG 3 phase indicator in 1MW						
	3 phase indicator (all with green color cap)		1	5TE5802	2450.-	1/10
	3 phase indicator (red/yellow/green)		1	5TE5803	2208.-	1/10
	Transparent cap (1 set = 3 items, R, Y, G lens)			5TG8070	674.-	1/10
Power ON Indicator (Economy Version^o) 230 Vac, 1 Phase						
	Light indicators for max. cable length up to 5 m with 1 red lamp		1	5TE5800	916.-	1/12
	Light indicators for max. cable length up to 250 m with 1 red lamp		1	5TE5804	1034.-	1/12
	Transparent cap (Red)			5TG8061	95.-	5
	Transparent cap (Green)			5TG8062	95.-	5
	Transparent cap (Yellow)			5TG8063	95.-	5
	Transparent cap (Blue)			5TG8064	95.-	5
Fuse Monitor						
	Fuse monitors with transparent caps for all low voltage fuse systems, 230Vac	4	2	5TT3170	8950.-	1

Note:

* LP - List Price

1MW (Module Width) = 18mm

Contd...

Type 1 Lightning Arrestors

Type 1 Lightning Arresters include the system cables in the equipotential bonding, which protect the low-voltage systems against the over voltages and high surge currents that can be triggered by direct or indirect lightning strikes.

The protection level of is lowered to 1.5kV by the lightning arrester, which reduces the load on the plant if a lightning strike is discharged.

The lightning arrester are enclosed and are suitable for installation in the precounter area.

All spark gaps are tripped, so that decoupling reactors are no longer required for the installation of overvoltage protection devices.

The lightning arresters are tested by wave-shaped lighting impulse, 25...100kA with Wave form 10/350µs.

Type 2 Surge Arrester





Surge Arresters type 2 are used downstream of Lightning Arresters Type 1 in main distribution boards or sub-distribution boards. They protect Low Voltage systems against transient over voltages.

The type 2 surge arresters lowers the level of protection to 1.4 to 1.5KV.

Type 3 Surge Arrester

Type 3 Surge Arresters are installed downstream of the type 2 surge arresters in Sub-Distribution Boards close to the loads in Single or multiphase systems and further limit the over voltage in order to protect the connected loads.

Surge protection Devices

	Item Description	Type	Discharge Capacity kA	MW#	Reference No	Unit LP* ₹	Std. Pkg.** (Nos.)
	Lightning Arrester Type 1, Requi. Class B, UC 350V, Protection Blocks Plug In 3 pole, 3+0 Circuit. For TN-C Systems with Remote Display	Type 1	75	6	5SD74131	44925.-	1
	Lightning Arrester Type 1, Requi., Class B, UC 350V, Protection Blocks Plug-In 4 Pole, 3+1 Circuit for TN-S and TT Systems	Type 1	100	8	5SD74141	55915.-	1
	Surge Arrester Type 2, Requi., Class C, UC 350V, Protection Blocks Plug-In 3 Pole, 3+0 Circuit for TNC Systems	Type 2	40	3	5SD74630	20485.-	1
	Surge Arrester Type 2, Requi Cat.C, UC 350VAC, Protection Blocks Plug In 4 pole, 3+1 Circuit for TN-S and TT systems	Type 2	40	4	5SD74640	21410.-	1
	Surge Arrester type 2, Requirement Class C, UC350V Protection Blocks Plug In 1 Pole, L-N Circuit	Type 2	40	1	5SD74610	5655.-	1
	Surge Arrester type 2, Requirement Class C, UC260V Protection Blocks Plug In 1 Pole, N-PE Circuit	Type 2	40	1	5SD74810	5145.-	1
	Surge Arrester type 3, Requirement Class D, Rated Voltage UN230V, UC275V DC / 253 V AC, 2 Pole, for 1-Phase Power Supply	Type 3	10	1	5SD74321	9580.-	1
	Plug part Type 1N-PE, Requirement Class B, UC 350V 1-Pole For Lighting Conductor 5SD741	Type 1	-	-	5SD74180	10530.-	1
	Plug part Type 2L-N, Requirement Class C, UC 350V 1-Pole For Surge Arrester 5SD746...	Type 2	-	-	5SD74681	4135.-	1
	Plug part Type 2N-PE, Requirement Class C, UC 260V 1-Pole For Surge Arrester 5SD746..., 5SD747..., 5SD74810	Type 2	-	-	5SD74880	4135.-	1
	Plug Part Type 3 Requirement Class D Rated Voltage UN 230V 2 pole, 1-Phase For Surge Arrester 5SD74321	Type 3	-	-	5SD74371	5660.-	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

Moulded Case Circuit Breakers® 3VT1, 2, 3 MCCBs

3VT1#, 415 V AC, 50 Hz MCCB, Thermal Magnetic Release for line protection (Fixed Overload & Fixed Short Circuit Settings)

	Rated Current, A		3VT1 3 pole Reference No.	Unit MRP* ₹	3VT1 4 pole Reference No	Unit MRP* ₹	Std. Pkg. (Nos.)
		40	63	3VT1704-2DA36-0AA0	-	3VT1704-2EA46-0AA0	-
	80	100	3VT1706-2DA36-0AA0	-	3VT1706-2EA46-0AA0	-	
	125	160	3VT1708-2DA36-0AA0	-	3VT1708-2EA46-0AA0	-	
			3VT1710-2DA36-0AA0	-	3VT1710-2EA46-0AA0	-	
			3VT1712-2DA36-0AA0	-	3VT1712-2EA46-0AA0	-	
			3VT1716-2DA36-0AA0	-	3VT1716-2EA46-0AA0	-	

(Adjustable Overload & Adjustable Short Circuit Settings)

	Rated Current, A		3VT1 3 pole Reference No.	Unit MRP* ₹	3VT1 4 pole Reference No	Unit MRP* ₹	Std. Pkg. (Nos.)
		16	25	3VT1701-2DC36-0AA0	-	3VT1701-2EC46-0AA0	-
	32	40	3VT1792-2DC36-0AA0	-	3VT1792-2EC46-0AA0	-	
	63	80	3VT1703-2DC36-0AA0	-	3VT1703-2EC46-0AA0	-	
	100	125	3VT1704-2DC36-0AA0	-	3VT1704-2EC46-0AA0	-	
	160		3VT1706-2DC36-0AA0	-	3VT1706-2EC46-0AA0	-	
			3VT1708-2DC36-0AA0	-	3VT1708-2EC46-0AA0	-	
			3VT1710-2DC36-0AA0	-	3VT1710-2EC46-0AA0	-	
			3VT1712-2DC36-0AA0	-	3VT1712-2EC46-0AA0	-	
			3VT1716-2DC36-0AA0	-	3VT1716-2EC46-0AA0	-	

3VT2/3, 415 V AC, 50 Hz MCCB, Microprocessor based Release for line protection (Adjustable Overload & Adjustable Short Circuit Settings)

Rated Current, A	3VT2/3 (Base Unit) Reference No. 3 pole	Unit LP* ₹	3VT2/3 (Base Unit) Reference No. 4 pole	Unit LP* ₹	ETU Reference No.	Unit LP* ₹
3VT2 & 3, 36kA						
200A	3VT2725-2AA36-0AA0	-	3VT2725-2AA46-0AA0	-	3VT9225-6AC00	-
250A	3VT2725-2AA36-0AA0	-	3VT2725-2AA46-0AA0	-	3VT9225-6AC00	-
400A	3VT3763-2AA36-0AA0	-	3VT3763-2AA46-0AA0	-	3VT9340-6AC00	-
630A	3VT3763-2AA36-0AA0	-	3VT3763-2AA46-0AA0	-	3VT9363-6AC00	-

Accessories	3VT1 Reference No.	Unit MRP* ₹	3VT2 Reference No	Unit MRP* ₹	3VT3 Reference No.	Unit MRP* ₹
Auxiliary Switch ⁵	3VT9100-2AB10	-	3VT9300-2AC10	-	3VT9300-2AC10	-
Alarm Switch ^	3VT9100-2AH10	-	3VT9300-2AD10	-	3VT9300-2AD10	-
Door mounted Rotary handle	3VT9100-3HQ00	-	3VT9200-3HQ00	-	3VT9300-3HQ00	-

Note : The ordering of Microprocessor based MCCB's above 200A includes ordering of Base Unit + Electronic Trip Unit (ETU) separately


\$ Auxiliary switch for 3VT1 is 1 C/O & for 3VT2 ,3 is 1N0; ^ Alarm switch for 3VT1 is 1 C/O & for 3VT2 ,3 is 1NC;

3VT1 MCCBs are suitable for mounting in Beta Bus Plus Distribution Boards

@ Kindly refer latest Power Distribution Products Price List for prices

Raja DOL Starters® 3TW Direct On Line Starters

Ue: 415V, 3ph, 50Hz DOL Starter in sheet steel housing, including bimetal relay with single phasing protection

	Motor rating		Relay Range A	Reference No ¹⁾	Unit MRP* ₹	Std. Pkg. (Nos.)
	HP	kW				
	0.33	0.25	0.63-1	3TW42 90-1A.64	-	1
	0.75	0.55	1-1.6	3TW42 90-1A.66	-	
	1	0.75	1.6-2.5	3TW42 90-1A.68	-	
	1.5	1.1	2-3.2	3TW42 90-1A.69	-	
	2	1.5	3-2.5	3TW42 90-1A.71	-	
	3	2.2	4-6.3	3TW42 90-1A.72	-	
	5	3.7	6.3-10	3TW42 90-1A.74	-	
	-	-	8-12.5	3TW42 90-1A.75	-	
	7.5	5.5	10-16	3TW42 90-1A.77	-	
	10	7.5	12.5-20	3TW42 90-1A.78	-	


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

@ Kindly refer latest Motor Control Products Price List for prices


* MRP - Maximum Retail Price LP - List Price

Switch disconnecter fuse[@] Superswitch 3KT8 in open execution TPN

Ue: 440V, 50Hz; Standards: IS / IEC 60947-3

	Rated current, Ie, A	HRC fuse type	Reference No	Unit MRP* ₹	Std. Pkg. (Nos.)
	32	DIN	3KT8121-3TA00	-	1
	50		3KT8141-3TA00	-	
	80		3KT8161-3TA00	-	
	100		3KT8211-3TA00	-	
	125		3KT8221-3TA00	-	
	160		3KT8231-3TA00	-	
	200		3KT8311-3UA00	-	
	250		3KT8321-3UA00	-	
	315		3KT8331-3UA00	-	
	400		3KT8341-3UA00	-	
	500		3KT8411-3UA00	-	
	630		3KT8421-3UA00	-	
	800		3KT8431-3UA00	-	
				BS	
	32	3KT8121-3HJ00	-	1	
	50	3KT8141-3HJ00	-		
	80	3KT8161-3HJ00	-		



Selection table for SS Housing for 3KT8



	Rated current Ie (A)	Reference No	Unit MRP* ₹	Std. Pkg. (Nos.)
	3KT81 (32-80A)	3KX8155-4AC	-	1
	3KT82 (100-160A)	3KX8235-4AC	-	
	3KT83 (200-400A)	3KX8345-4AC	-	
	3KT84 (500-800A)	3KX8435-5AC	-	

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	-	5/10
		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	-	
		63	3NA7 822-ORC	-	
		80	3NA7 824-ORC	-	
		100	3NA7 830-ORC	-	
		00	125	3NA7 832-ORC	
160	3NA7 836-ORC		-		
	1	50	3NA7 120-ORC	-	1/10
		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	-	

	Size	Rated current A	Reference No	Unit MRP* ₹	Std. Pkg. (Nos.)
	2	200	3NA7 240-ORC	-	1/10
		250	3NA7 244-ORC	-	
		315	3NA7 252-ORC	-	
		400 [#]	3NA7 260-ORC	-	
	3	315	3NA3 352-ORC	-	1/5
		400	3NA3 360-ORC	-	
		500	3NA3 365-ORC	-	
		630	3NA3 372-ORC	-	
		800 [#]	3NA3 375-4RC	-	

BS Fuses

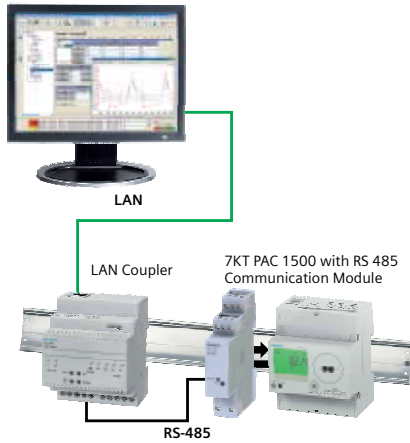
	Type	Rated current A	Reference No	Unit MRP* ₹	Std. Pkg. (Nos.)
	Offset Tag	2	3NW TIA2	-	20
		4	3NW TIA4	-	
		6	3NW TIA6	-	
		10	3NW TIA10	-	
		16	3NW TIA16	-	
		20	3NW TIA20	-	
		25	3NW TIA25	-	
		32	3NW TIA32	-	
		40	3NW TIS40	-	
		50	3NW TIS50	-	
		63	3NW TIS63	-	

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

Note: * MRP - Maximum Retail Price

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

7KT Meters on LAN Networks for DB level Energy Management



Highlights

- DIN rail mounting meters with communication
- LAN Coupler with Integrated WEB Browser
- Internal memory of LAN Coupler -2GB
- Readymade Reports in csv format(MS EXCEL) for easy analysis
- Easy integration in existing Building Management System
- No permanent connection to PC required.

Energy Meters for Distribution Boards



**7KT PAC1500
(Single-Phase)**



**7KT PAC1500
(Three-Phase)**



Features

- Optional KNX /RS 485 MODBUS communication modules available for BMS integration
- Direct measurement upto 80 A & upto 276 V UL-N, CAT IV (for single phase) & 480 V UL-L (for 3 phase) Variant!
- Dual tariff counter available for Trafo & DG
- Accuracy $\pm 1\%$ for kWh
- Modular width 2 MW (for Single phase) and 4MW (for 3 phase)
- Sealable terminal covers

Available till stocks last

(Check with our Authorised Dealers for Stock Availability before Order Placement)

Betagard Circuit Breakers: 5SX5/5SJ5, 10kA DC Circuit Breakers

10000A		Rated Current I_n (A)	MW [#]	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
	1-pole	0.5	1	5SX51057RC	600.-	1/20
		1		5SX51017RC	600.-	1/20
		2		5SX51027RC	650.-	1/20
		4		5SX51047RC	650.-	1/20
		6		5SX51067RC	550.-	1/20
		10		5SX51107RC	550.-	1/20
		16		5SX51167RC	550.-	1/20
		20		5SX51207RC	550.-	1/20
		25		5SX51257RC	550.-	1/20
		32		5SX51327RC	550.-	1/20
		40		5SJ51407RC	825.-	1/20
		50		5SJ51507RC	825.-	1/20
		63		5SJ51637RC	825.-	1/20
	2-pole	0.5	2	5SX52057RC	1310.-	1/10
		1		5SX52017RC	1310.-	1/10
		2		5SX52027RC	1310.-	1/10
		4		5SX52047RC	1310.-	1/10
		6		5SX52067RC	1150.-	1/10
		10		5SX52107RC	1150.-	1/10
		16		5SX52167RC	1150.-	1/10
		20		5SX52207RC	1150.-	1/10
		25		5SX52257RC	1150.-	1/10
		32		5SX52327RC	1150.-	1/10
		40		5SJ52407RC	1695.-	1/10
		50		5SJ52507RC	1695.-	1/10
		63		5SJ52637RC	1695.-	1/10

Available till stocks last





(Check with our Authorised Dealers for Stock Availability before Order Placement)

ISIEEC 60898 - 1




CML No. 2255548

Betagard Miniature Circuit Breakers: 5SX4, 10kA with C characteristics

10000A		Rated Current I_n (A)	MW*	Reference No	Unit MRP* ₹	Std. Pkg. (Nos.)
	1-pole	0.5	1	5SX41057RC	390.-	1/20
		1		5SX41017RC	390.-	1/20
		2		5SX41027RC	390.-	1/20
		4		5SX41047RC	390.-	1/20
		6		5SX41067RC	254.-	1/20
		10		5SX41107RC	254.-	1/20
		16		5SX41167RC	254.-	1/20
		20		5SX41207RC	254.-	1/20
		25		5SX41257RC	254.-	1/20
		32		5SX41327RC	254.-	1/20
		40		5SX41407RC	552.-	1/20
		50		5SX41507RC	552.-	1/20
		63		5SX41637RC	552.-	1/20
	2-pole	0.5	2	5SX42057RC	1038.-	1/10
		1		5SX42017RC	1038.-	1/10
		2		5SX42027RC	1038.-	1/10
		4		5SX42047RC	1038.-	1/10
		6		5SX42067RC	768.-	1/10
		10		5SX42107RC	768.-	1/10
		16		5SX42167RC	768.-	1/10
		20		5SX42207RC	768.-	1/10
		25		5SX42257RC	742.-	1/10
		32		5SX42327RC	742.-	1/10
		40		5SX42407RC	1200.-	1/10
		50		5SX42507RC	1244.-	1/10
		63		5SX42637RC	1200.-	1/10
	3-pole	0.5	3	5SX43057RC	1676.-	1/10
		1		5SX43017RC	1676.-	1/10
		2		5SX43027RC	1676.-	1/10
		4		5SX43047RC	1676.-	1/10
		6		5SX43067RC	1249.-	1/10
		10		5SX43107RC	1249.-	1/10
		16		5SX43167RC	1249.-	1/10
		20		5SX43207RC	1249.-	1/10
		25		5SX43257RC	1249.-	1/10
		32		5SX43327RC	1249.-	1/10
		40		5SX43407RC	1947.-	1/10
		50		5SX43507RC	1947.-	1/10
		63		5SX43637RC	1947.-	1/10
	4-pole	0.5	4	5SX44057RC	2109.-	1/10
		1		5SX44017RC	2109.-	1/10
		2		5SX44027RC	2109.-	1/10
		4		5SX44047RC	2109.-	1/10
		6		5SX44067RC	1730.-	1/10
		10		5SX44107RC	1730.-	1/10
		16		5SX44167RC	1730.-	1/10
		20		5SX44207RC	1730.-	1/10
		25		5SX44257RC	1730.-	1/10
		32		5SX44327RC	1730.-	1/10
		40		5SX44407RC	2360.-	1/10
		50		5SX44507RC	2369.-	1/10
		63		5SX44637RC	2360.-	1/10





Betagard Isolators

	2-pole	25	2	5TE39037Y	445.-	1/10
		40		5TE39047Y	460.-	1/10
		63		5TE39137Y	595.-	1/10
		80		5TE39157Y	780.-	1/10
		100		5TE12020DA	1000.-	1/10
	3-pole	25	3	5TE39057Y	730.-	1/10
		40		5TE39067Y	845.-	1/10
		63		5TE39077Y	940.-	1/10
		80		5TE39167Y	1145.-	1/10
	4-pole	25	4	5TE39087Y	835.-	1/10
		40		5TE39107Y	1010.-	1/10
		63		5TE39117Y	1355.-	1/10
		80		5TE39177Y	1355.-	1/10
		100		5TE14010DA	1800.-	1/10

Note:

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

5SX4/5SJ4, 10kA with D characteristics

10000A		Rated Current I_n (A)	MW [†]	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
	1-pole	0.5	1	5SX41058RC	410.-	1/20
		1		5SX41018RC	410.-	1/20
		2		5SX41028RC	410.-	1/20
		4		5SX41048RC	410.-	1/20
		6		5SX41068RC	355.-	1/20
		10		5SX41108RC	355.-	1/20
		16		5SX41168RC	355.-	1/20
		20		5SX41208RC	355.-	1/20
		25		5SX41258RC	355.-	1/20
		32		5SX41328RC	355.-	1/20
		40		5SJ41408RC	675.-	1/20
		50		5SJ41508RC	685.-	1/20
		63		5SJ41638RC	685.-	1/20
	2-pole	0.5	2	5SX42058RC	1115.-	1/10
		1		5SX42018RC	1115.-	1/10
		2		5SX42028RC	1115.-	1/10
		4		5SX42048RC	1115.-	1/10
		6		5SX42068RC	850.-	1/10
		10		5SX42108RC	850.-	1/10
		16		5SX42168RC	850.-	1/10
		20		5SX42208RC	850.-	1/10
		25		5SX42258RC	850.-	1/10
		32		5SX42328RC	850.-	1/10
		40		5SJ42408RC	1470.-	1/10
		50		5SJ42508RC	1470.-	1/10
		63		5SJ42638RC	1470.-	1/10
	3-pole	0.5	3	5SX43058RC	1705.-	1/10
		1		5SX43018RC	1705.-	1/10
		2		5SX43028RC	1705.-	1/10
		4		5SX43048RC	1705.-	1/10
		6		5SX43068RC	1350.-	1/10
		10		5SX43108RC	1350.-	1/10
		16		5SX43168RC	1350.-	1/10
		20		5SX43208RC	1350.-	1/10
		25		5SX43258RC	1350.-	1/10
		32		5SX43328RC	1340.-	1/10
		40		5SJ43408RC	2290.-	1/10
		50		5SJ43508RC	2290.-	1/10
		63		5SJ43638RC	2290.-	1/10
	4 pole	0.5	4	5SX44058RC	2365.-	1/10
		1		5SX44018RC	2365.-	1/10
		2		5SX44028RC	2180.-	1/10
		4		5SX44048RC	2180.-	1/10
		6		5SX44068RC	1785.-	1/10
		10		5SX44108RC	1785.-	1/10
		16		5SX44168RC	1785.-	1/10
		20		5SX44208RC	1785.-	1/10
		25		5SX44258RC	1785.-	1/10
		32		5SX44328RC	1785.-	1/10
		40		5SJ44408RC	2875.-	1/10
		50		5SJ44508RC	2875.-	1/10
		63		5SJ44638RC	2875.-	1/10

Terms and Conditions

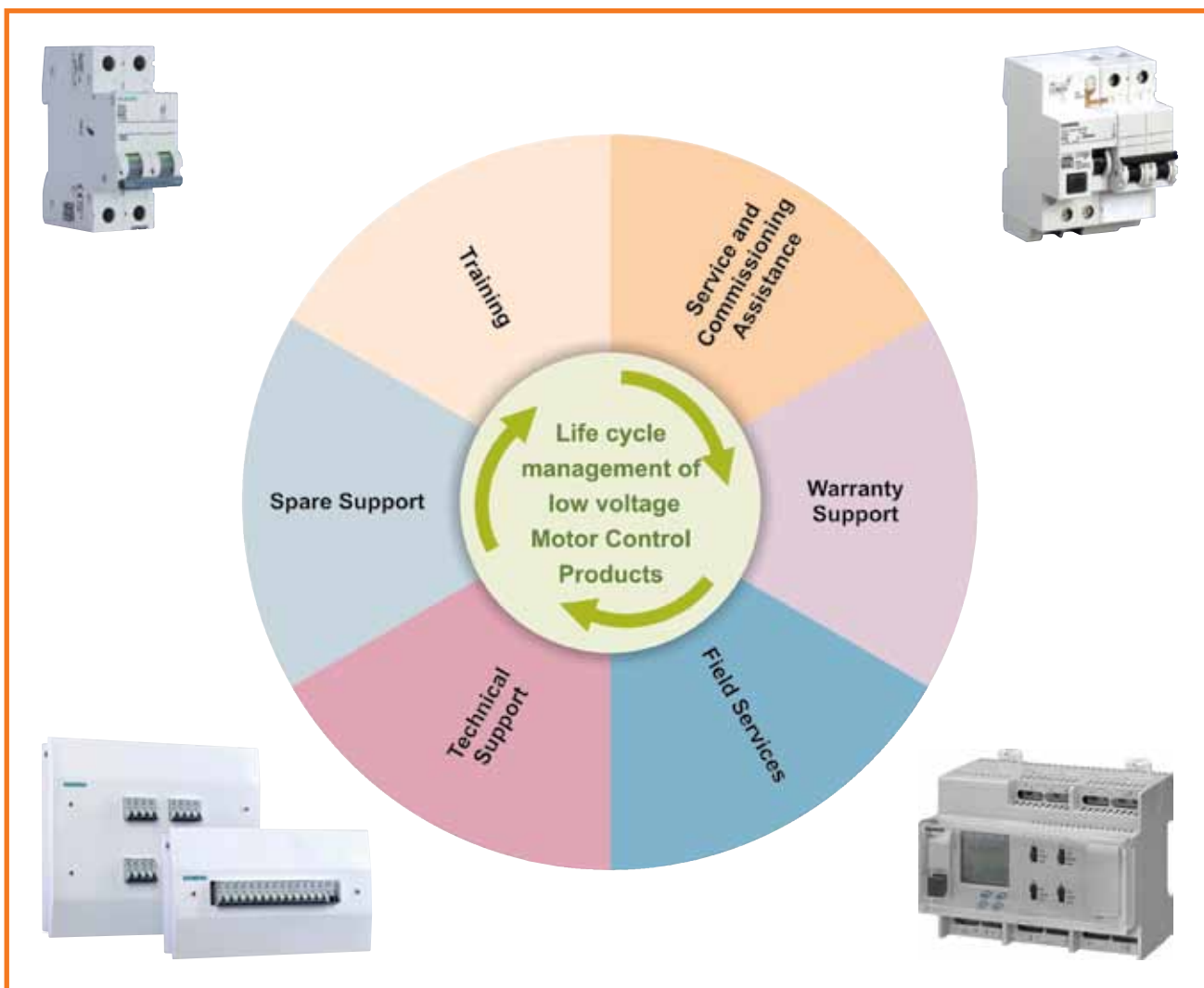
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