



**SIEMENS**

*Ingenuity for life*

Our commitment is  
your safe future

Electrical Installations from A to Z

Price List w.e.f. 1st September, 2016





# Experience active communication

## Our Switchgear can now speak and obey your commands

Face the reality of remote monitoring and controlling of our DI products. Yes, our MCBs and RCDs can now speak and obey your commands!

The Siemens solution for remote communication capability facilitates the following applications, which are inevitable in today's smart infrastructures like Data centers, Commercial Buildings, Energy Management Systems etc.

### The solution covers:

- Remote Controlling (ON/OFF) of Final Distribution components (like MCBs/RCDs)
- ON/OFF Status monitoring of all modules for Final distribution products
- Fault Trip Status of components at Final Distribution level




For  
Industry  
Products

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## Betagard 5SL MCBs – Inspiring Safety

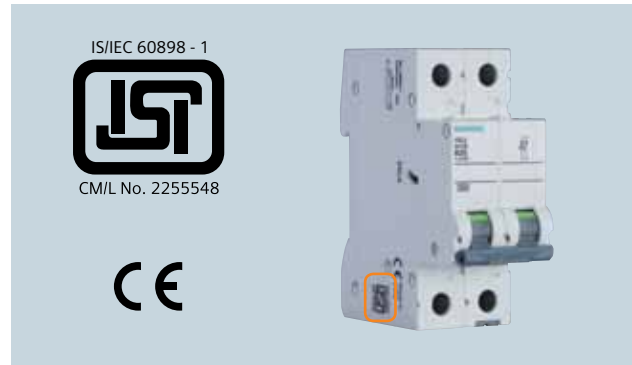
Siemens has always endeavoured to introduce innovative products worldwide.

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



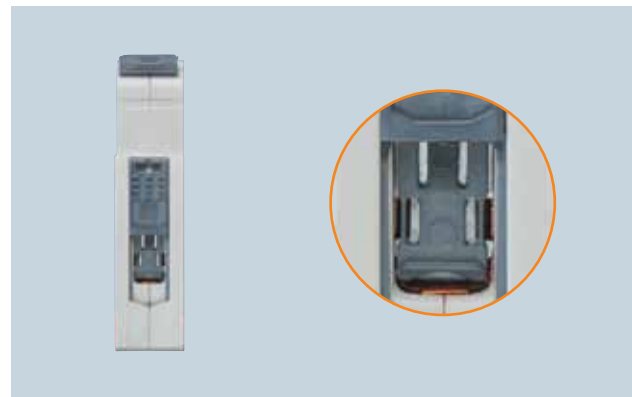
MCB with patented unique **SLR** (Slide Latch-Release) feature for tool free removal from DIN rail. It also allows individual MCB to be removed from bus bar mounted assembly without disturbing other devices



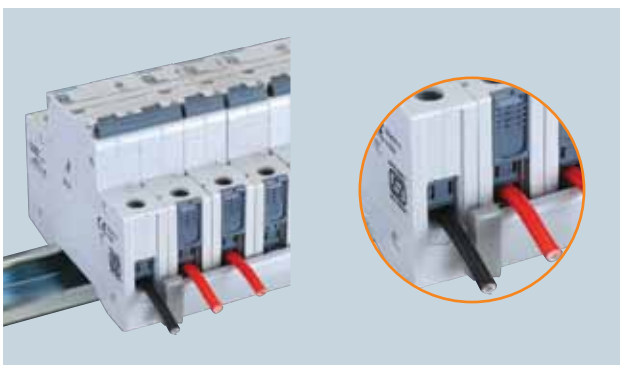
BIS approval for ISI marking as per latest ISI/IEC 60898-1:2002 for assured quality and protection



Unique design of square terminals of 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 <sup>#</sup>	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)	
1P, 240/415V AC 	0.5	1	5SL61057RC	341.-	1/12	
	1		5SL61017RC	341.-	1/12	
	2		5SL61027RC	341.-	1/12	
	3		5SL61037RC	341.-	1/12	
	4		5SL61047RC	341.-	1/12	
	6		5SL61067RC	210.-	1/12	
	8		5SL61087RC	210.-	1/12	
	10		5SL61107RC	210.-	1/12	
	13		5SL61137RC	210.-	1/12	
	16		5SL61167RC	210.-	1/12	
	20		5SL61207RC	210.-	1/12	
	25		5SL61257RC	210.-	1/12	
	32		5SL61327RC	210.-	1/12	
	40		5SL61407RC	460.-	1/12	
	50		5SL61507RC	535.-	1/12	
	63		5SL61637RC	535.-	1/12	
2P, 415V AC 	0.5	2	5SL62057RC	903.-	1/6	
	1		5SL62017RC	903.-	1/6	
	2		5SL62027RC	903.-	1/6	
	3		5SL62037RC	903.-	1/6	
	4		5SL62047RC	903.-	1/6	
	6		5SL62067RC	676.-	1/6	
	8		5SL62087RC	676.-	1/6	
	10		5SL62107RC	676.-	1/6	
	13		5SL62137RC	676.-	1/6	
	16		5SL62167RC	676.-	1/6	
	20		5SL62207RC	676.-	1/6	
	25		5SL62257RC	676.-	1/6	
	32		5SL62327RC	676.-	1/6	
	40		5SL62407RC	931.-	1/6	
	50		5SL62507RC	1102.-	1/6	
	63		5SL62637RC	1102.-	1/6	
3P, 415V AC 	0.5	3	5SL63057RC	1267.-	1/4	
	1		5SL63017RC	1267.-	1/4	
	2		5SL63027RC	1267.-	1/4	
	4		5SL63047RC	1267.-	1/4	
	6		5SL63067RC	1005.-	1/4	
	10		5SL63107RC	1005.-	1/4	
	16		5SL63167RC	1005.-	1/4	
	20		5SL63207RC	1005.-	1/4	
	25		5SL63257RC	1005.-	1/4	
	32		5SL63327RC	1005.-	1/4	
	40		5SL63407RC	1408.-	1/4	
	50		5SL63507RC	1572.-	1/4	
	63		5SL63637RC	1572.-	1/4	
	4P, 415V AC 	0.5	4	5SL64057RC	1749.-	1/3
		1		5SL64017RC	1749.-	1/3
		2		5SL64027RC	1749.-	1/3
4			5SL64047RC	1749.-	1/3	
6			5SL64067RC	1390.-	1/3	
10			5SL64107RC	1390.-	1/3	
16			5SL64167RC	1390.-	1/3	
20			5SL64207RC	1390.-	1/3	
25			5SL64257RC	1390.-	1/3	
32			5SL64327RC	1390.-	1/3	
40			5SL64407RC	1812.-	1/3	
50			5SL64507RC	2080.-	1/3	
63			5SL64637RC	2080.-	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 (Suitable for Telecom applications)
- With ISI marking: CM/L No. 225548

7500A	Rated Current $I_n$ (A)	MW#	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
	6	1	5SL61066RC	198.-	1/12
	10		5SL61106RC	198.-	1/12
	16		5SL61166RC	198.-	1/12
	20		5SL61206RC	198.-	1/12
	25		5SL61256RC	198.-	1/12
	32		5SL61326RC	198.-	1/12
	40		5SL61406RC	458.-	1/12
	50		5SL61506RC	515.-	1/12
	6	2	5SL62066RC	660.-	1/6
	10		5SL62106RC	660.-	1/6
	16		5SL62166RC	660.-	1/6
	20		5SL62206RC	660.-	1/6
	25		5SL62256RC	660.-	1/6
	32		5SL62326RC	660.-	1/6
	40		5SL62406RC	931.-	1/6
	50		5SL62506RC	1094.-	1/6
	6	3	5SL63066RC	1005.-	1/4
	10		5SL63106RC	1005.-	1/4
	16		5SL63166RC	1005.-	1/4
	20		5SL63206RC	1005.-	1/4
	25		5SL63256RC	1005.-	1/4
	32		5SL63326RC	1005.-	1/4
	40		5SL63406RC	1389.-	1/4
	50		5SL63506RC	1557.-	1/4
	6	4	5SL64066RC	1383.-	1/3
	10		5SL64106RC	1383.-	1/3
	16		5SL64166RC	1383.-	1/3
	20		5SL64206RC	1383.-	1/3
	25		5SL64256RC	1383.-	1/3
	32		5SL64326RC	1383.-	1/3
	40		5SL64406RC	1725.-	1/3
	50		5SL64506RC	2073.-	1/3
63		5SL64636RC	2073.-	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

- 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)
- Breaking capacity: 10kA as per IS/IEC 60898-1:2002
- With ISI marking: CM/L No. 2255548

10000A	Rated Current $I_n$ (A)	MW <sup>#</sup>	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
	1P, 240/415V AC	1	5SL41057RC	406.-	1/12
	0.5	5SL41027RC	406.-	1/12	
	2	5SL41037RC	406.-	1/12	
	3	5SL41047RC	406.-	1/12	
	4	5SL41067RC	264.-	1/12	
	6	5SL41087RC	264.-	1/12	
	8	5SL41107RC	264.-	1/12	
	10	5SL41137RC	264.-	1/12	
	13	5SL41167RC	264.-	1/12	
	16	5SL41207RC	264.-	1/12	
	20	5SL41257RC	264.-	1/12	
	25	5SL41327RC	264.-	1/12	
	32	5SL41407RC	574.-	1/12	
	40	5SL41507RC	574.-	1/12	
	50	5SL41637RC	574.-	1/12	
63					
	2P, 415V AC	2	5SL42057RC	1080.-	1/6
	0.5	5SL42027RC	1080.-	1/6	
	2	5SL42037RC	1080.-	1/6	
	3	5SL42047RC	1080.-	1/6	
	4	5SL42067RC	772.-	1/6	
	6	5SL42087RC	772.-	1/6	
	8	5SL42107RC	772.-	1/6	
	10	5SL42137RC	772.-	1/6	
	13	5SL42167RC	772.-	1/6	
	16	5SL42207RC	772.-	1/6	
	20	5SL42257RC	772.-	1/6	
	25	5SL42327RC	772.-	1/6	
	32	5SL42407RC	1248.-	1/6	
	40	5SL42507RC	1248.-	1/6	
	50	5SL42637RC	1248.-	1/6	
63					
	3P, 415V AC	3	5SL43057RC	1743.-	1/4
	0.5	5SL43027RC	1743.-	1/4	
	2	5SL43037RC	1743.-	1/4	
	3	5SL43047RC	1743.-	1/4	
	4	5SL43067RC	1299.-	1/4	
	6	5SL43087RC	1299.-	1/4	
	8	5SL43107RC	1299.-	1/4	
	10	5SL43137RC	1299.-	1/4	
	13	5SL43167RC	1299.-	1/4	
	16	5SL43207RC	1299.-	1/4	
	20	5SL43257RC	1299.-	1/4	
	25	5SL43327RC	1299.-	1/4	
	32	5SL43407RC	2024.-	1/4	
	40	5SL43507RC	2024.-	1/4	
	50	5SL43637RC	2024.-	1/4	
63					
	4P, 415V AC	4	5SL44057RC	2192.-	1/3
	0.5	5SL44027RC	2192.-	1/3	
	2	5SL44037RC	2192.-	1/3	
	3	5SL44047RC	2192.-	1/3	
	4	5SL44067RC	1799.-	1/3	
	6	5SL44087RC	1799.-	1/3	
	8	5SL44107RC	1799.-	1/3	
	10	5SL44137RC	1799.-	1/3	
	13	5SL44167RC	1799.-	1/3	
	16	5SL44207RC	1799.-	1/3	
	20	5SL44257RC	1799.-	1/3	
	25	5SL44327RC	1799.-	1/3	
	32	5SL44407RC	2454.-	1/3	
	40	5SL44507RC	2454.-	1/3	
	50	5SL44637RC	2454.-	1/3	
63					





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 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	435.-	1/12
	1	1	5SY71018CC	435.-	1/12	
	2	1	5SY71028CC	435.-	1/12	
	3	1	5SY71038CC	435.-	1/12	
	4	1	5SY71048CC	435.-	1/12	
	6	1	5SY71068CC	376.-	1/12	
	8	1	5SY71088CC	376.-	1/12	
	10	1	5SY71108CC	376.-	1/12	
	13	1	5SY71138CC	376.-	1/12	
	16	1	5SY71168CC	376.-	1/12	
	20	1	5SY71208CC	376.-	1/12	
	25	1	5SY71258CC	376.-	1/12	
	32	1	5SY71328CC	376.-	1/12	
	40	1	5SY71408CC	716.-	1/12	
	50	1	5SY71508CC	726.-	1/12	
63	1	5SY71638CC	726.-	1/12		
	2P, 400V AC	0.5	2	5SY72058CC	1182.-	1/6
	1	2	5SY72018CC	1182.-	1/6	
	2	2	5SY72028CC	1182.-	1/6	
	3	2	5SY72038CC	1182.-	1/6	
	4	2	5SY72048CC	1182.-	1/6	
	6	2	5SY72068CC	901.-	1/6	
	8	2	5SY72088CC	901.-	1/6	
	10	2	5SY72108CC	901.-	1/6	
	13	2	5SY72138CC	901.-	1/6	
	16	2	5SY72168CC	901.-	1/6	
	20	2	5SY72208CC	901.-	1/6	
	25	2	5SY72258CC	901.-	1/6	
	32	2	5SY72328CC	901.-	1/6	
	40	2	5SY72408CC	1558.-	1/6	
	50	2	5SY72508CC	1558.-	1/6	
63	2	5SY72638CC	1558.-	1/6		
	3P, 400V AC	0.5	3	5SY73058CC	1807.-	1/4
	1	3	5SY73018CC	1807.-	1/4	
	2	3	5SY73028CC	1807.-	1/4	
	3	3	5SY73038CC	1807.-	1/4	
	4	3	5SY73048CC	1807.-	1/4	
	6	3	5SY73068CC	1431.-	1/4	
	8	3	5SY73088CC	1431.-	1/4	
	10	3	5SY73108CC	1431.-	1/4	
	13	3	5SY73138CC	1431.-	1/4	
	16	3	5SY73168CC	1431.-	1/4	
	20	3	5SY73208CC	1431.-	1/4	
	25	3	5SY73258CC	1431.-	1/4	
	32	3	5SY73328CC	1431.-	1/4	
	40	3	5SY73408CC	2427.-	1/4	
	50	3	5SY73508CC	2427.-	1/4	
63	3	5SY73638CC	2427.-	1/4		
	4P, 400V AC	0.5	4	5SY74058CC	2507.-	1/3
	1	4	5SY74018CC	2507.-	1/3	
	2	4	5SY74028CC	2311.-	1/3	
	3	4	5SY74038CC	2311.-	1/3	
	4	4	5SY74048CC	2311.-	1/3	
	6	4	5SY74068CC	1892.-	1/3	
	8	4	5SY74088CC	1892.-	1/3	
	10	4	5SY74108CC	1892.-	1/3	
	13	4	5SY74138CC	1892.-	1/3	
	16	4	5SY74168CC	1892.-	1/3	
	20	4	5SY74208CC	1892.-	1/3	
	25	4	5SY74258CC	1892.-	1/3	
	32	4	5SY74328CC	1892.-	1/3	
	40	4	5SY74408CC	3048.-	1/3	
	50	4	5SY74508CC	3048.-	1/3	
63	4	5SY74638CC	3048.-	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





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

### C characteristic

10000A		Rated Current $I_n$ (A)	MW <sup>#</sup>	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
	1-pole	80	1.5	5SP41807RC	2496.-	1/10
		100		5SP41917RC	2631.-	1/10
		125		5SP41927RC	2985.-	1/10
	2-pole	80	3	5SP42807RC	4904.-	1/5
		100		5SP42917RC	5169.-	1/5
		125		5SP42927RC	5850.-	1/5
	3-pole	80	4.5	5SP43807RC	7654.-	1
		100		5SP43917RC	7852.-	1
		125		5SP43927RC	8996.-	1
	4-pole	80	6	5SP44807RC	10972.-	1
		100		5SP44917RC	11289.-	1
		125		5SP44927RC	12854.-	1

### D characteristic

	1-pole	80	1.5	5SP41808RC	2746.-	1/10
		100		5SP41918RC	2881.-	1/10
	2-pole	80	3	5SP42808RC	5517.-	1/5
		100		5SP42918RC	5855.-	1/5
	3-pole	80	4.5	5SP43808RC	8502.-	1
		100		5SP43918RC	8580.-	1
	4-pole	80	6	5SP44808RC	11955.-	1
		100		5SP44918RC	12251.-	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 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	0.5	1	5SY51057CC	636.-	1/12
	1	5SY51017CC	636.-	1/12		
	2	5SY51027CC	689.-	1/12		
	3	5SY51037CC	689.-	1/12		
	4	5SY51047CC	689.-	1/12		
	6	5SY51067CC	583.-	1/12		
	8	5SY51087CC	583.-	1/12		
	10	5SY51107CC	583.-	1/12		
	13	5SY51137CC	583.-	1/12		
	16	5SY51167CC	583.-	1/12		
	20	5SY51207CC	583.-	1/12		
	25	5SY51257CC	583.-	1/12		
	32	5SY51327CC	583.-	1/12		
	40	5SY51407CC	875.-	1/12		
	50	5SY51507CC	875.-	1/12		
63	5SY51637CC	875.-	1/12			
	2P, 440V DC	0.5	2	5SY52057CC	1389.-	1/6
	1	5SY52017CC	1389.-	1/6		
	2	5SY52027CC	1389.-	1/6		
	3	5SY52037CC	1389.-	1/6		
	4	5SY52047CC	1389.-	1/6		
	6	5SY52067CC	1219.-	1/6		
	8	5SY52087CC	1219.-	1/6		
	10	5SY52107CC	1219.-	1/6		
	13	5SY52137CC	1219.-	1/6		
	16	5SY52167CC	1219.-	1/6		
	20	5SY52207CC	1219.-	1/6		
	25	5SY52257CC	1219.-	1/6		
	32	5SY52327CC	1219.-	1/6		
	40	5SY52407CC	1797.-	1/6		
	50	5SY52507CC	1797.-	1/6		
63	5SY52637CC	1797.-	1/6			

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

## 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	32	2	5TL12320	495.-	1/1
	40	5TL12400	510.-	1/1		
	63	5TL12630	670.-	1/1		
	80	5TL12800	880.-	1/1		
	100	5TL12910	1125.-	1/1		
	125	5TL12920	1165.-	1/1		
	3-pole	32	3	5TL13320	825.-	1/1
	40	5TL13400	955.-	1/1		
	63	5TL13630	1060.-	1/1		
	80	5TL13800	1290.-	1/1		
	100	5TL13910	1355.-	1/1		
	125	5TL13920	1465.-	1/1		
	4-pole	32	4	5TL14320	945.-	1/1
	40	5TL14400	1120.-	1/1		
	63	5TL14630	1265.-	1/1		
	80	5TL14800	1530.-	1/1		
	100	5TL14910	1840.-	1/1		
	125	5TL14920	1995.-	1/1		

Note:

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

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



**SIEMENS**

*Ingenuity for life*

## When its about life - There is no compromise

**Betagard range of RCCBs and RCBOs  
With added intelligence for accurate protection**

- Instant protection against electrical shocks and fires.
- Siemens RCDs trips nearly ten times faster than IEC requirement.
- Highly reliable due to current operated mechanism
- ISI mark for assured quality and protection
- Tested for more than 10000 electrical and mechanical operations
- Snap on fit to 35mm DIN rails and can sustain high vibrations
- Rugged design to sustain 10kA fault current

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





# 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 <sup>#</sup>	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)	
	30	25	2	5SM33120RC	2990.-	1	
	100	25		5SM34120RC	3120.-	1	
	300	25		5SM36120RC	3135.-	1	
	30	40		5SM33140RC	3500.-	1	
	100	40		5SM34140RC	3655.-	1	
	300	40		5SM36140RC	3685.-	1	
	30	63	2.5	5SM33160RC	4680.-	1	
		100		63	5SM34160RC	4720.-	1
		300		63	5SM36160RC	4875.-	1
		30		80	5SM33170RC	7045.-	1
		100		80	5SM34170RC	7315.-	1
		300		80	5SM36170RC	7315.-	1
	30	100	2	5SM33180KK	14725.-	1	
		100		100	5SM34180KK	12955.-	1
		300		100	5SM36180KK	12960.-	1
		30		125	5SM33150KK	19040.-	1
		100		125	5SM34150KK	16760.-	1
		300		125	5SM36150KK	16765.-	1
	30	25	4	5SM33420RC	4000.-	1	
	100	25		5SM34420RC	4150.-	1	
	300	25		5SM36420RC	4180.-	1	
	30	40		5SM33440RC	4050.-	1	
	100	40		5SM34440RC	4205.-	1	
	300	40		5SM36440RC	4245.-	1	
	30	63	4	5SM33460RC	4720.-	1	
		100		63	5SM34460RC	4905.-	1
		300		63	5SM36460RC	4945.-	1
		30		80	5SM33470RC	6540.-	1
		100		80	5SM34470RC	5945.-	1
		300		80	5SM36470RC	5960.-	1
	30	100	4	5SM33480RC	34285.-	1	
		100		100	5SM34480RC	30425.-	1
		300		100	5SM36480RC	28835.-	1
		30		125	5SM33450RC	34285.-	1
		100		125	5SM34450RC	30425.-	1
		300		125	5SM36450RC	28835.-	1
500	125		5SM37450RC	33205.-	1		

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

	30	25	2	5SM33126RC	4590.-	1	
	100	25		5SM34126RC	5405.-	1	
	300	25		5SM36126RC	5405.-	1	
	30	40		5SM33146RC	5210.-	1	
	100	40		5SM34146RC	5430.-	1	
	300	40		5SM36146RC	5430.-	1	
	30	63	2.5	5SM33166RC	7575.-	1	
		100		63	5SM34166RC	7785.-	1
		300		63	5SM36166RC	7415.-	1
		30		80	5SM33176RC	8145.-	1
		100		80	5SM34176RC	8765.-	1
		300		80	5SM36176RC	8345.-	1
	30	100	2	5SM33186KK	22895.-	1	
		100		100	5SM34186KK	22895.-	1
		300		100	5SM36186KK	22895.-	1
		30		125	5SM33156KK	32175.-	1
		100		125	5SM34156KK	30145.-	1
		300		125	5SM36156KK	30145.-	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 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	5450.-	1	
	100	25		5SM34426RC	6720.-	1	
	300	25		5SM36426RC	6720.-	1	
	30	40	4	5SM33446RC	6010.-	1	
	100	40		5SM34446RC	6720.-	1	
	300	40		5SM36446RC	6720.-	1	
	30	63	4	5SM33466RC	6865.-	1	
	100	63		5SM34466RC	6825.-	1	
	300	63		5SM36466RC	6825.-	1	
	30	80	4	5SM33476RC	8250.-	1	
	100	80		5SM34476RC	7335.-	1	
	300	80		5SM36476RC	7335.-	1	
	30	100	4	5SM33486RC	31425.-	1	
	100	100		5SM34486RC	30290.-	1	
	300	100		5SM36486RC	30780.-	1	
30	125	4	5SM33456RC	31425.-	1		
100	125		5SM34456RC	30290.-	1		
300	125		5SM36456RC	33575.-	1		
500	125	4	5SM37456RC	34600.-	1		
<b>Super Resistant K</b>							
	30	25	2	5SM33126RC01	10125.-	1	
	30	40		5SM33146RC01	10155.-	1	
	30	63	2.5	5SM33166RC01	14730.-	1	
	300	63		5SM36166RC01	14650.-	1	
	4 Pole	30	25	4	5SM33426RC01	13650.-	1
		30	40		5SM33446RC01	12515.-	1
		300	40	5SM36446RC01	12295.-	1	
		30	63	5SM33466RC01	12515.-	1	
		300	63	5SM36466RC01	12295.-	1	
		300	80	5SM36476RC01	13285.-	1	
<b>Selective S</b>							
	300	40	2	5SM36148RC	11630.-	1	
	100	63	2.5	5SM34168RC	11990.-	1	
	300	63		5SM36168RC	10085.-	1	
	300	80		5SM36178RC	10565.-	1	
	4 Pole	100	40	4	5SM34448RC	9940.-	1
		300	40		5SM36448RC	10165.-	1
		100	63	5SM34468RC	10285.-	1	
		300	63	5SM36468RC	10165.-	1	
		300	125	5SM36458RC	35820.-	1	
		500	125	5SM37458RC	37340.-	1	

Note:

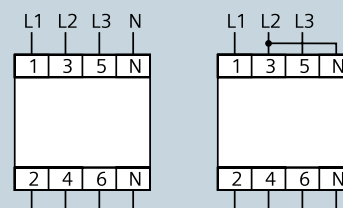
\* MRP - Maximum Retail Price # 1MW (Module Width) = 18mm

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

### 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.)
<b>Super Resistant K</b>						
	4 Pole	30	25	5SM33424RC	35245.-	1
		300	25	5SM36424RC	37375.-	1
		30	40	5SM33444RC	35245.-	1
		300	40	5SM36444RC	37325.-	1
		30	63	5SM33464RC	37530.-	1
		300	63	5SM36464RC	37530.-	1
		500	63	5SM37464RC	41785.-	1
		30	80	5SM33474RC	35245.-	1
		300	80	5SM36474RC	37530.-	1
		500	80	5SM37474RC	41785.-	1
<b>Selective S</b>						
	4 Pole	300	63	5SM36465RC	37410.-	1
		500	63	5SM37465RC	42430.-	1
		300	80	5SM36475RC	37410.-	1
		500	80	5SM37475RC	42430.-	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	4270.-	1
		40		5SU13241RC40	4975.-	1
		63		5SU13241RC63	5790.-	1
	100	32		5SU14241RC32	4715.-	1
		40		5SU14241RC40	5295.-	1
		63		5SU14241RC63	6170.-	1
	300	32		5SU16241RC32	4765.-	1
		40		5SU16241RC40	5345.-	1
63		5SU16241RC63		6170.-	1	
	415Vac; 50...60Hz; 4 pole					
	30	32	7	5SU13441RC32	5705.-	1
		40		5SU13441RC40	5805.-	1
		63		5SU13441RC63	6890.-	1
	100	32		5SU14441RC32	5770.-	1
		40		5SU14441RC40	5885.-	1
		63		5SU14441RC63	6765.-	1
	300	32		5SU16441RC32	5815.-	1
		40		5SU16441RC40	5935.-	1
		63		5SU16441RC63	6830.-	1

## Type AC with D characteristic

	240Vac; 50...60Hz; 2 pole					
	30	32	4	5SU13242RC32	5505.-	1
		40		5SU13242RC40	6035.-	1
		63		5SU13242RC63	7270.-	1
	100	32		5SU14242RC32	6660.-	1
		40		5SU14242RC40	7290.-	1
		63		5SU14242RC63	8330.-	1
	300	32		5SU16242RC32	6515.-	1
		40		5SU16242RC40	7290.-	1
63		5SU16242RC63		8340.-	1	
	415Vac; 50...60Hz; 4 pole					
	30	32	7	5SU13442RC32	7540.-	1
		40		5SU13442RC40	7655.-	1
		63		5SU13442RC63	9075.-	1
	100	32		5SU14442RC32	8165.-	1
		40		5SU14442RC40	8530.-	1
		63		5SU14442RC63	9450.-	1
	300	32		5SU16442RC32	8060.-	1
		40		5SU16442RC40	8610.-	1
		63		5SU16442RC63	9260.-	1

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

	1 pole + N					
	30	6	2	5SU13541RC06	4710.-	1
		10		5SU13541RC10	4710.-	1
		16		5SU13541RC16	4710.-	1
		20		5SU13541RC20	4710.-	1
		25		5SU13541RC25	4710.-	1
		32		5SU13541RC32	4945.-	1
	300	6		5SU16541RC06	5845.-	1
		10		5SU16541RC10	4795.-	1
		16		5SU16541RC16	4795.-	1
		20		5SU16541RC20	4795.-	1
		25		5SU16541RC25	4795.-	1
		32		5SU16541RC32	5040.-	1
	300	40		5SU16541RC40	5955.-	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 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	7735.-	1
		40		5SU13247RC40	8515.-	1
		63		5SU13247RC63	9630.-	1
	100	32		5SU14247RC32	8255.-	1
		40		5SU14247RC40	9170.-	1
		63		5SU14247RC63	10425.-	1
	300	32		5SU16247RC32	8255.-	1
		40		5SU16247RC40	9170.-	1
63		5SU16247RC63		10425.-	1	
	415Vac; 50...60Hz; 4 pole					
	30	32	7	5SU13447RC32	9475.-	1
		40		5SU13447RC40	9865.-	1
		63		5SU13447RC63	11285.-	1
	100	32		5SU14447RC32	10155.-	1
		40		5SU14447RC40	10355.-	1
		63		5SU14447RC63	11570.-	1
	300	32		5SU16447RC32	10155.-	1
		40		5SU16447RC40	10535.-	1
63		5SU16447RC63		11755.-	1	

## Type A with D characteristic

	240Vac; 50...60Hz; 2 pole					
	30	32	4	5SU13248RC32	9030.-	1
		40		5SU13248RC40	10190.-	1
		63		5SU13248RC63	11585.-	1
	100	32		5SU14248RC32	9715.-	1
		40		5SU14248RC40	10805.-	1
		63		5SU14248RC63	12305.-	1
	300	32		5SU16248RC32	9715.-	1
		40		5SU16248RC40	10805.-	1
63		5SU16248RC63		12305.-	1	
	415Vac; 50...60Hz; 4 pole					
	30	32	7	5SU13448RC32	11175.-	1
		40		5SU13448RC40	11315.-	1
		63		5SU13448RC63	13345.-	1
	100	32		5SU14448RC32	11765.-	1
		40		5SU14448RC40	12580.-	1
		63		5SU14448RC63	13695.-	1
	300	32		5SU16448RC32	11765.-	1
		40		5SU16448RC40	12580.-	1
63		5SU16448RC63		13700.-	1	

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







	1 pole + N						
	30	6	2	5SU13547RC06	8595.-	1	
		10		5SU13547RC10	8595.-	1	
		16		5SU13547RC16	8595.-	1	
		20		5SU13547RC20	8595.-	1	
		25		5SU13547RC25	8595.-	1	
		32		5SU13547RC32	8985.-	1	
		40		5SU13547RC40	10875.-	1	
		300		6	5SU16547RC06	8850.-	1
		300		10	5SU16547RC10	8850.-	1
	300	16	5SU16547RC16	8850.-	1		
	300	20	5SU16547RC20	8850.-	1		
	300	25	5SU16547RC25	8850.-	1		
	300	32	5SU16547RC32	9205.-	1		
	300	40	5SU16547RC40	11100.-	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 Accessories


### Accessories for 5SL6 / 5SL4 / 5SY7 / 5SY5 / 5SP4 MCBs and 5SU1<sup>s</sup> RCBOs

	Item Description	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
	<b>Aux contact block</b> (for 5SL/5SY/5SP4/5SU1)			
	1NO+1NC	5ST3010	855.-	1/12
	2NO	5ST3011	870.-	1/10
	2NC	5ST3012	870.-	1/10
	<b>Fault signal contact</b> (for 5SL/5SY/5SP4/5SU1)			
	1NO+1NC	5ST3020	1260.-	1/10
	2NO	5ST3021	1280.-	1/10
	2NC	5ST3022	1280.-	1/10
	<b>Shunt release</b> (for 5SY/5SP4/5SU1)			
110...415V AC	5ST3030	3540.-	1/5	
24...48V DC	5ST3031	3540.-	1/5	
	<b>Undervoltage release</b> (for 5SY/5SP4/5SU1)			
	With integrated aux. switch			
	230V AC	5ST3040	4745.-	1/5
	110V DC	5ST3041	4745.-	1/5
	24V DC	5ST3042	4745.-	1/5
	Without integrated aux. switch			
	230V AC	5ST3043	4745.-	1/5
	110V DC	5ST3044	4745.-	1/5
	24V DC	5ST3045	4745.-	1/5
	Remote control mechanism (RC) 230V AC, 3.5 MW, for 5SP MCB & 5SU RCBO	5ST3050	27190.-	1
	5SM RCCBs	5ST3051	27190.-	1
	5SY.....CC CBs	5ST3052	47425.-	1
	<b>Handle locking device</b>			
	for 5SP and 5SY circuit breakers for padlock with max. 3mm shackle	5ST3801	440.-	1
	for 5SL miniature circuit breakers for padlock with max. 3 to 6 mm shackle	5ST3806	415.-	1
	Pad locks for 5ST3801 and 5ST3806 handle locking devices	5ST3802	275.-	5
	Handle connector for SPN RCBOs	5ST38051	875.-	1

### 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	1935.-	1/10
Aux contact block 1NO+1NC, 100A to 125A	5SW3330	4005.-	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	1576.-	1

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

\$ For SPN RCBOs, the accessories can be used along with Handle connector only

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





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## Arc Fault Detection Device

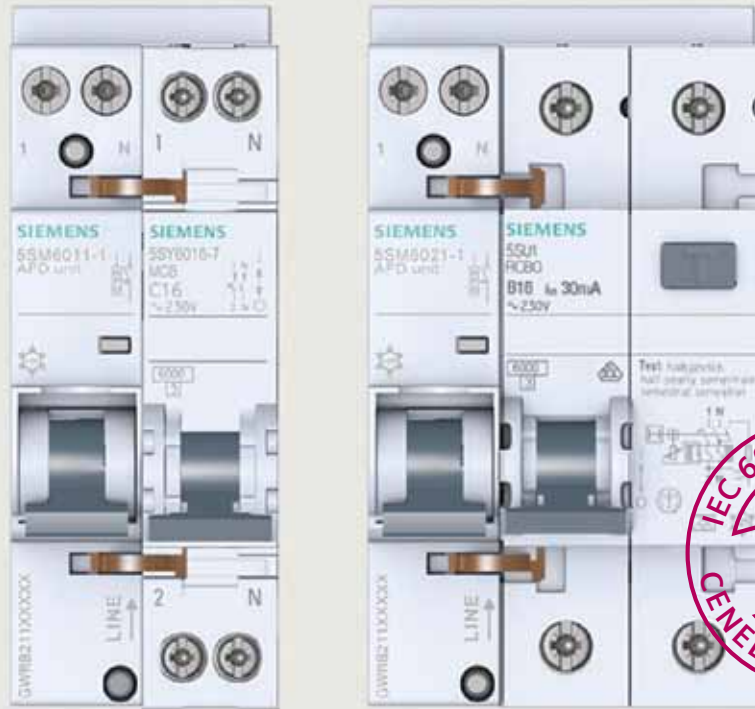
**First in Safety**

As the first AFD unit, the protection device protects human lives and buildings reliably against fires caused by electricity.

The 5SM6 AFD unit from Siemens is the first one of its kind that detects serial arcing faults at an early stage. It is established since 2012 and fulfills all relevant rules and standards. With the publishing of the IEC 60364-4-42, the installation is strongly recommended all over Europe.

The 5SM6 AFD unit closes the existing safety gap and is part of a complete protection concept by Siemens – one stop safety

[www.siemens.com/afd-units](http://www.siemens.com/afd-units)



AFD units with a mounted 1+N, 1MW MCB and 5SU1 RCBO

## The smart solution.

Whether in an existing plant or a new installation – the 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 AFD unit detects operational arcing faults and only trips in the event of an actual fault.

### Moreover the 5SM6 AFD unit offers:

- comprehensive fire protection for humans, plants and assets
- reliable covering of the existing protection gap
- enhanced protection from electrical fires in combination with MCBs or RCBOs

Reference no.	Description
5SM60111XX02	AFDD 16A, 230V, 2MW (Integrated with 1MW, 1+N, 6kA, 16A MCB)
5SM6021-1	AFDD 1-16A, 230V, 1MW (Suitable for SPN RCBO, RCBO to be ordered separately)

Read the  
QR code with  
your QR code  
reader.



For prices and more options contacts Siemens Sales Office.

[siemens.com/product?5SM6](https://www.siemens.com/product?5SM6)



**SIEMENS**

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## Perfect blend of beauty and features with assured performance







### Betagard Distribution Boards

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



## Betagard Distribution Boards 8GB32 SPN and TPN DBs

- Type Tested as per IEC 61439 Standards at neutral 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.)
<b>Metal Enclosures, IP20:</b>							
	1 Module	–	–	1	8GB32100RC01	370.-	1/20
	2 Module	–	–	2	8GB32100RC02	550.-	1/20
	3 Module	–	–	3	8GB32100RC03	550.-	1/20
	4 Module	–	–	4	8GB32100RC04	550.-	1/20
	6 Module	–	–	6	8GB32100RC06	730.-	1/20
	8 Module	–	–	8	8GB32100RC08	850.-	1/10
<b>SPN Single Door DBs, IP20:</b>							
	6 Module	2	4	6	8GB32101RC06	1150.-	1
	8 Module	2	6	8	8GB32101RC08	1220.-	1
	10 Module	2	8	10	8GB32101RC10	1475.-	1
	12 Module	2	10	12	8GB32101RC12	1535.-	1
	14 Module	2	12	14	8GB32101RC14	1730.-	1
	16 Module	2	14	16	8GB32101RC16	1860.-	1
<b>SPN Metal Double Door DBs, IP 43:</b>							
	6 Module	2	4	6	8GB32102RC06	1805.-	1
	8 Module	2	6	8	8GB32102RC08	1875.-	1
	10 Module	2	8	10	8GB32102RC10	2180.-	1
	12 Module	2	10	12	8GB32102RC12	2245.-	1
	14 Module	2	12	14	8GB32102RC14	2610.-	1
	16 Module	2	14	16	8GB32102RC16	2680.-	1
<b>SPN Acrylic Double Door DBs, IP 43:</b>							
	6 Module	2	4	6	8GB32103RC06	2125.-	1
	8 Module	2	6	8	8GB32103RC08	2245.-	1
	10 Module	2	8	10	8GB32103RC10	2610.-	1
	12 Module	2	10	12	8GB32103RC12	2805.-	1
	14 Module	2	12	14	8GB32103RC14	2930.-	1
	16 Module	2	14	16	8GB32103RC16	3050.-	1
<b>Wire Way Box For SPN Single Door IP 20 DBs:</b>							
	For 6 MOD SPN Single door DB	–	–	–	8GB32106RC06	755.-	1/5
	For 8 MOD SPN Single door DB	–	–	–	8GB32106RC08	755.-	1/5
	For 10 MOD SPN Single door DB	–	–	–	8GB32106RC10	820.-	1/5
	For 12 MOD SPN Single door DB	–	–	–	8GB32106RC12	820.-	1/5
	For 14 MOD SPN Single door DB	–	–	–	8GB32106RC14	945.-	1/5
	For 16 MOD SPN Single door DB	–	–	–	8GB32106RC16	945.-	1/5
<b>Wire Way Box For SPN Double Door IP 43 DBs:</b>							
	For 6 MOD SPN Double door DB	–	–	–	8GB32107RC06	820.-	1/5
	For 8 MOD SPN Double door DB	–	–	–	8GB32107RC08	820.-	1/5
	For 10 MOD SPN Double door DB	–	–	–	8GB32107RC10	885.-	1/5
	For 12 MOD SPN Double door DB	–	–	–	8GB32107RC12	885.-	1/5
	For 14 MOD SPN Double door DB	–	–	–	8GB32107RC14	1130.-	1/5
	For 16 MOD SPN Double door DB	–	–	–	8GB32107RC16	1130.-	1/5

Note: \* MRP - Maximum Retail Price

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## Betagard Distribution Boards 8GB32 SPN and TPN DBs

	Item Description	Incoming Slots	Outgoing Slots	Total Slots	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
<b>TPN Single Door DBs, IP20:</b>							
	4 way	8	12	20	8GB32201RC04	2900.-	1
	6 way	8	18	26	8GB32201RC06	3300.-	1
	8 way	8	24	32	8GB32201RC08	3980.-	1
	10 way	8	30	38	8GB32201RC10	5775.-	1
	12 way	8	36	44	8GB32201RC12	5900.-	1
	14 way	8	42	50	8GB32201RC14	6765.-	1
	16 way	8	48	56	8GB32201RC16	7020.-	1
<b>TPN Metal Double Door DBs, IP 43</b>							
	4 way	8	12	20	8GB32202RC04	3550.-	1
	6 way	8	18	26	8GB32202RC06	4290.-	1
	8 way	8	24	32	8GB32202RC08	5155.-	1
	10 way	8	30	38	8GB32202RC10	7450.-	1
	12 way	8	36	44	8GB32202RC12	7635.-	1
	14 way	8	42	50	8GB32202RC14	9060.-	1
	16 way	8	48	56	8GB32202RC16	9315.-	1
<b>TPN Acrylic Double Door DBs, IP 43</b>							
	4 way	8	12	20	8GB32203RC04	4290.-	1
	6 way	8	18	26	8GB32203RC06	5280.-	1
	8 way	8	24	32	8GB32203RC08	6335.-	1
	10 way	8	30	38	8GB32203RC10	8255.-	1
	12 way	8	36	44	8GB32203RC12	9620.-	1
	14 way	8	42	50	8GB32203RC14	10305.-	1
	16 way	8	48	56	8GB32203RC16	10990.-	1
<b>TPN to PPI Conversion Kit®</b>							
	To convert 6 way TPN DB to 4 way TPN PPI DB				8GB32205RC04	2245.-	1/5
	To convert 8 way TPN DB to 6 way TPN PPI DB				8GB32205RC06	2610.-	1/5
	To convert 10 way TPN DB to 8 way TPN PPI DB				8GB32205RC08	2680.-	1/5
	To convert 12 way TPN DB to 10 way TPN PPI DB				8GB32205RC10	2860.-	1/5
	To convert 14 way TPN DB to 12 way TPN PPI DB				8GB32205RC12	3050.-	1/5
	To convert 16 way TPN DB to 14 way TPN PPI DB				8GB32205RC14	3235.-	1/5
	<b>Wire Way Box For TPN Single Door IP 20 DBs</b>						
	For 4 Way TPN Single door DB	-	-	-	8GB32206RC04	945.-	1/5
	For 6 Way TPN Single door DB	-	-	-	8GB32206RC06	945.-	1/5
	For 8 Way TPN Single door DB	-	-	-	8GB32206RC08	1685.-	1/5
	For 10 Way TPN Single door DB	-	-	-	8GB32206RC10	2125.-	1/5
	For 12 Way TPN Single door DB	-	-	-	8GB32206RC12	2180.-	1/5
	For 14 Way TPN Single door DB	-	-	-	8GB32206RC14	2245.-	1/5
	For 16 Way TPN Single door DB	-	-	-	8GB32206RC16	2370.-	1/5
<b>Wire Way Box For TPN Double Door IP 43 DBs</b>							
	For 4 Way TPN Double door DB	-	-	-	8GB32207RC04	1005.-	1/5
	For 6 Way TPN Double door DB	-	-	-	8GB32207RC06	1130.-	1/5
	For 8 Way TPN Double door DB	-	-	-	8GB32207RC08	1805.-	1/5
	For 10 Way TPN Double door DB	-	-	-	8GB32207RC10	1930.-	1/5
	For 12 Way TPN Double door DB	-	-	-	8GB32207RC12	2370.-	1/5
	For 14 Way TPN Double door DB	-	-	-	8GB32207RC14	2490.-	1/5
	For 16 Way TPN Double door DB	-	-	-	8GB32207RC16	2560.-	1/5

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@ Contains required accessories to Make the DB suitable for PPI Configuration

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## Betagard Distribution Boards 8GB32 TPN Phase Segregated DBs

Item Description	Incoming Slots	Sub - Incomer Slots	Outgoing Slots	Total Slots	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
<b>TPN Phase segregated DBs, IP 20 For MCB as incomer</b>							
4 Way	12	12	12	36	8GB32001RC04	8000.-	1
6 Way	12	12	18	42	8GB32001RC06	9000.-	1
8 Way	12	12	24	48	8GB32001RC08	10500.-	1
12 Way	12	12	36	60	8GB32001RC12	12500.-	1
<b>TPN Phase segregated DBs, IP 43 For MCB as incomer</b>							
4 way	12	12	12	36	8GB32002RC04	9500.-	1
6 way	12	12	18	42	8GB32002RC06	11000.-	1
8 way	12	12	24	48	8GB32002RC08	12500.-	1
12 way	12	12	36	60	8GB32002RC12	15000.-	1
<b>TPN Phase segregated DBs, IP 43 for MCCB as incomer upto 160A</b>							
4 way		12	18	30	8GB32012RC06	17000.-	1
6 way		12	24	36	8GB32012RC08	19500.-	1
12 way		12	36	48	8GB32012RC12	22000.-	1
<b>Wire Way box for MCB Incomer, IP 43 DBs</b>							
For 4 Way	-	-	-	-	8GB32007RC04	2500.-	1
For 6 Way	-	-	-	-	8GB32007RC06	3000.-	1
For 8 Way	-	-	-	-	8GB32007RC08	3500.-	1
For 12 Way	-	-	-	-	8GB32007RC12	4000.-	1
<b>Wire Way box for MCCB Incomer, IP 43 DBs</b>							
For 6 Way	-	-	-	-	8GB32017RC06	3000.-	1
For 8 Way	-	-	-	-	8GB32017RC08	3500.-	1
For 12 Way	-	-	-	-	8GB32017RC12	4000.-	1

## Betagard Distribution Boards MB DBs







Item Description	Incoming Slots	Outgoing Slots	Total Slots	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
<b>Betagard MB (Ivory White) :</b>						
 1Row, 6Mod	2	4	6	8GB31810RC01	1455.-	1/10
1Row, 8Mod	2	6	8	8GB31811RC01	1690.-	1/10
1Row, 10Mod	2	8	10	8GB31812RC01	1880.-	1/10
1Row, 12Mod	2	10	12	8GB31813RC01	2000.-	1/10
1Row, 14Mod	2	12	14	8GB31814RC01	2120.-	1/10
1Row, 16Mod	2	14	16	8GB31815RC01	2540.-	1/10
<b>Betagard MB (Metallic Grey) :</b>						
 1Row, 6Mod	2	4	6	8GB31810RC02	1515.-	1/10
1Row, 8Mod	2	6	8	8GB31811RC02	1760.-	1/10
1Row, 10Mod	2	8	10	8GB31812RC02	2000.-	1/10
1Row, 12Mod	2	10	12	8GB31813RC02	2120.-	1/10
1Row, 14Mod	2	12	14	8GB31814RC02	2240.-	1/10
1Row, 16Mod	2	14	16	8GB31815RC02	2660.-	1/10
<b>Betagard MB (Metallic Carbon) :</b>						
 1Row, 6Mod	2	4	6	8GB31810RC03	1515.-	1/10
1Row, 8Mod	2	6	8	8GB31811RC03	1760.-	1/10
1Row, 10Mod	2	8	10	8GB31812RC03	2000.-	1/10
1Row, 12Mod	2	10	12	8GB31813RC03	2120.-	1/10
1Row, 14Mod	2	12	14	8GB31814RC03	2240.-	1/10
1Row, 16Mod	2	14	16	8GB31815RC03	2660.-	1/10

## Betagard Distribution Boards 8GB0 SPN and TPN DBs

	Item Description	Incoming Slots	Outgoing Slots	Total Slots	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
<b>Plastic Enclosure, IP20:</b>							
	3/4 Way	–	–	4	8GB0004	210.-	1/50
	6 Way	–	–	6	8GB0006	325.-	1/25
<b>Double Door SPN DBs, IP42 :</b>							
	4 Way	2	4	6	8GB0204RC	1745.-	1
	6 Way	2	6	8	8GB0206RC	1795.-	1
	8 Way	2	8	10	8GB0208RC	2105.-	1
	12 Way	2	12	14	8GB0212RC	2510.-	1
	14 Way	2	14	16	8GB0214RC	2575.-	1
<b>Double Door TPN DBs (Horizontal), IP42 :</b>							
	4 Way	8	12	20	8GB0404HRC	3415.-	1
	6 Way	8	18	26	8GB0406HRC	4185.-	1
	8 Way	8	24	32	8GB0408HRC	5080.-	1
	12 Way	8	36	44	8GB0412HRC	7340.-	1
<b>Double Door TPN DBs (Vertical), IP42 :</b>							
	4 Way	8	12	20	8GB0404VRC	4525.-	1
	6 Way	8	18	26	8GB0406VRC	4885.-	1
	8 Way	8	24	32	8GB0408VRC	5610.-	1
	12 Way	8	36	44	8GB0412VRC	7895.-	1
<b>Double Door, Per Phase Isolation TPN DBs (Horizontal), IP42 :</b>							
	4 Way	8	18	26	8GB0405HRC	5965.-	1
	6 Way	8	24	32	8GB0407HRC	6865.-	1
	8 Way	8	30	38	8GB0409HRC	9155.-	1
	12 Way	8	42	50	8GB0413HRC	11025.-	1
<b>Double Door, Per Phase Isolation TPN DBs (Vertical), IP42 :</b>							
	4 Way	8	18	26	8GB0405VRC	6745.-	1
	6 Way	8	24	32	8GB0407VRC	7410.-	1
	8 Way	8	30	38	8GB0409VRC	10185.-	1
	12 Way	8	42	50	8GB0413VRC	12470.-	1
<b>Double Door, Phase Segregated TPN DBs (7 segment), IP42:</b>							
	4 Way	12	12+12	36	8GB0504	8255.-	1
	6 Way	12	12+18	42	8GB0506	9340.-	1
	8 Way	12	12+24	48	8GB0508	10425.-	1
	12 Way	12	12+36	60	8GB0512	13190.-	1



## Betagard Distribution Boards 8GB31

	Item Description	Incoming Slots	Outgoing Slots	Total Slots	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
<b>Betaflex (Flexi DBs), IP42 :</b>							
	2Row x 12Mod	—	—	24	8GB31424RC	4040.-	1
	2Row x 16Mod	—	—	32	8GB31426RC	4285.-	1
	4Row x 8Mod	—	—	32	8GB31442RC	4970.-	1
	4Row x 12Mod	—	—	48	8GB31444RC	5530.-	1
	4Row x 16Mod	—	—	64	8GB31446RC	8480.-	1
<b>Betabus (Vertical Busbar DBs with MCB as an incomer), IP42 : (Suitable for 5SL/5SX/5SJ/5SP MCBs, upto 125A as an incomer)</b>							
	4 way	12	12	24	8GB31471RC	8070.-	1
	6 way	12	18	30	8GB31473RC	9820.-	1
	8 way	12	24	36	8GB31474RC	10360.-	1
	12 way	12	36	48	8GB31477RC	14090.-	1
<b>Betabusplus (Vertical Busbar DBs with MCCB as an incomer), IP42 : (Suitable for 3VT1 MCCBs, upto 160A as an incomer)</b>							
	4 way	12	12	24	8GB31571RC	9035.-	1
	6 way	12	18	30	8GB31572RC	11390.-	1
	8 way	12	24	36	8GB31573RC	12290.-	1
	12 way	12	36	48	8GB31574RC	16375.-	1
<b>BetaMulti (DBs for power &amp; communication), IP42 :</b>							
	12 way SPN, provision	2	12	14	8GB31215RC	4460.-	1
	4 Way TPN, Provision	8	12	20	8GB31220RC	5545.-	1
	6 way TPN, provision	8	18	26	8GB31221RC	5785.-	1
	8 Way TPN Provision	8	24	32	8GB31222RC	6390.-	1
	12 way SPN, built-in	2	12	14	8GB31315RC	5965.-	1
	4 Way TPN, Built-in	8	12	20	8GB31320RC	6985.-	1
	6 way TPN, built-in	8	18	26	8GB31321RC	7475.-	1
	8 Way TPN, Built-in	8	24	32	8GB31322RC	7955.-	1
<b>Beta CO (DBs with provision for phase changeover switches), IP42 :</b>							
	4 way, with provision	8	12	20	8GB31840RC	7775.-	1
	6 way, with provision	8	18	26	8GB31841RC	7895.-	1
	8 way, with provision	8	24	32	8GB31842RC	8620.-	1
	12 way, with provision	8	36	44	8GB31844RC	10240.-	1
<b>Beta CO (DBs with built-in pre-wired phase changeover switches), IP42 :</b>							
	40 A, 4 Way TPN, built-in	8	12	20	8GB31850RC	11085.-	1
	40 A, 6 Way TPN, built-in	8	18	26	8GB31851RC	11440.-	1
	40 A, 8 Way TPN, built-in	8	24	32	8GB31852RC	12045.-	1
	40 A, 12 Way TPN, built-in	8	36	44	8GB31854RC	14455.-	1
	63 A, 4 Way TPN, built-in	8	12	20	8GB31860RC	11560.-	1
	63 A, 6 Way TPN, built-in	8	18	26	8GB31861RC	11925.-	1
	63 A, 8 Way TPN, built-in	8	24	32	8GB31862RC	13010.-	1
	63 A, 12 Way TPN, built-in	8	36	44	8GB31864RC	14695.-	1



Note:

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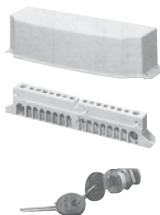
## Wire Way Boxes & Modular Device Boxes

	Item Description	Incoming Slots	Outgoing Slots	Total Slots	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
<b>Wire Way Boxes (WWB)</b>							
	WWB for Flexi DB, 8Mod	—	—	—	8GB9908FWWNT	1090.-	1/5
	WWB for Flexi DB, 12Mod	—	—	—	8GB9912FWWNT	1215.-	1/5
	WWB for Flexi DB, 16Mod	—	—	—	8GB9916FWWNT	1455.-	1/5
	WWB for Bus DB	—	—	—	8GB99BUSWWNT	1635.-	1/5
	WWB for Bus Plus DB	—	—	—	8GB99PLUSWWNT	1760.-	1/5
<b>Modular Device Boxes (MDB)</b>							
	MDB for Flexi DB, 8Mod/Row	—	—	8	8GB9908FMDTC	1335.-	1/5
	MDB for Flexi DB, 12Mod/Row	—	—	12	8GB9912FMDTC	1515.-	1/5
	MDB for Flexi DB, 16Mod/Row	—	—	16	8GB9916FMDTC	1690.-	1/5
	MDB for Bus DB	—	—	12	8GB99BUSMBTC	1880.-	1/5
	MDB for Bus Plus DB	—	—	12	8GB99PLUSMBTC	2050.-	1/5

## Industrial plug & sockets

	Item Description	Total Slots	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
<b>Plug &amp; Socket, IP20 with provision for MCB mounting :</b>					
	1 Phase 20A, 1P MCB	1	8GB0501RC	1275.-	1/20
	1 Phase 20A, 2P MCB	2	8GB0501SRC	1275.-	1/20
	3 Phase 32A, 3P MCB	3	8GB0502	2715.-	1/15
	3 Phase 32A, 3P+N MCB	4	8GB0502S	2715.-	1/15
	5 Pin (3P+N+PE) 3Phase 32A MCB 3P+N MCB	8	8GB050332	4275.-	1/5
	5 Pin (3P+N+PE) 3Phase 63A MCB 3P+N MCB	8	8GB050363	11150.-	1/5

## Simbox WP

	Item Description	Total Slots	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
<b>Simbox WP (IP65 DBs)</b>					
	1 Row, 4Mod	4	8GB13710	3510.-	1
	1 Row 8Mod	8	8GB13711	4465.-	1
	1 Row 12Mod	12	8GB13712	7965.-	1
	1 Row 18Mod	18	8GB13713	10325.-	1
	2 Row 2 x 12Mod	24	8GB13722	12740.-	1
	2 Row, 2 x 18Mod	36	8GB13723	17965.-	1
	3 Row, 3 x 18Mod	54	8GB13733	31590.-	1
	4 Row 4 x 18Mod	72	8GB13743	41395.-	1
<b>Accessories for Simbox WP</b>					
	Coupling covers, 12M		8GB20510	1150.-	1
	Coupling covers, 18M		8GB20511	1285.-	1
	Insulated N/PE terminals, 8MW		8GB20520	1790.-	1
	Insulated N/PE terminals, 12MW		8GB20521	2745.-	1
	Insulated N/PE terminals, 18MW		8GB20522	4025.-	1
	Cylindrical security lock		8GB20550	3260.-	1


Note:

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## Betagard Distribution Boards Accessories

	Item Description	Reference No	Unit MRP* ₹	Std. Pkg. Unit**
<b>Blanking Plate</b>				
	0.5 MW	8GB9905	20.-	25 nos.
	1 MW	8GB9901	40.-	25 nos.
	1.5 MW	8GB9902	45.-	25 nos.
<b>Insulated Shorting Links</b>				
<b>Single Phase Shorting Links for Shorting 1P MCBs, Suitable for Standard SPN, TPN and TPN PPI DBs</b>				
	5 Leg SP Shorting Link (For 4 Way SPN DB and 4 Way PPI DB)	8GB9905LSP	130.-	10 nos.
	7 Leg SP Shorting Link (For 6 Way SPN DB and 6 Way PPI DB)	8GB9907LSP	150.-	10 nos.
	9 Leg SP Shorting Link (For 8 Way SPN DB and 8 Way PPI DB)	8GB9909LSP	175.-	10 nos.
	11 Leg SP Shorting Link (For 10 Way SPN DB and 10 Way PPI DB)	8GB9911LSP	195.-	10 nos.
	13 Leg SP Shorting Link (For 12 Way SPN DB and 12 Way PPI DB)	8GB9913LSP	250.-	10 nos.
	15 Leg SP Shorting Link (For 14 Way SPN DB and 14 Way PPI DB)	8GB9915LSP	310.-	10 nos.
	17 Leg SP Shorting Link (For 16 Way SPN DB and 16 Way PPI DB)	8GB9917LSP	325.-	10 nos.
	4 Leg SP Shorting Link (For 4 Way TPN DB)	8GB9904LSP	130.-	10 nos.
	6 Leg SP Shorting Link (For 6 Way TPN DB)	8GB9906LSP	150.-	10 nos.
	8 Leg SP Shorting Link (For 8 Way TPN DB)	8GB9908LSP	175.-	10 nos.
	10 Leg SP Shorting Link (For 10 Way TPN DB)	8GB9910LSP	195.-	10 nos.
	12 Leg SP Shorting Link (For 12 Way TPN DB)	8GB9912LSP	250.-	10 nos.
	14 Leg SP Shorting Link (For 14 Way TPN DB)	8GB9914LSP	310.-	10 nos.
	16 Leg SP Shorting Link (For 16 Way TPN DB)	8GB9916LSP	325.-	10 nos.
<b>Two Phase, 1 meter long for shorting 2P MCBs (suitable for maximum of 28 nos. 2MW devices)</b>				
	Shorting link without End caps, Can be cut and used.	8GB990SLLDP	3200.-	1 no.
	End Caps for 2 pole Shorting Links	8GB990ECLDP	50.-	10 nos.
<b>Three Phase, 1 meter long for shorting 3P MCBs (suitable for maximum of 19 nos. 3MW devices)</b>				
	Shorting link without Enc caps, Can be cut and used.	8GB990SLLTP	3500.-	1 no.
	End Caps for 3 pole Shorting Links	8GB990ECLTP	75.-	10 nos.
<b>Three Phase + N, 1 meter long for shorting TPN MCBs (suitable for maximum of 14 nos. 4MW devices)</b>				
	Shorting link without Enc caps, Can be cut and used.	8GB990SLLTPN	3700.-	1 no.
	End Caps for 3 pole Shorting Links	8GB990ECLTPN	100.-	10 nos.
<b>Neutral Terminals</b>				
<b>Neutral Terminals For 8GB0 and 8GB31 DBs (Along with Mounting Stands)</b>				
	5 Way Neutral Link	8GB9905NL	140.-	10 nos.
	11 Way Neutral Link	8GB9911NL	210.-	10 nos.
	13 Way Neutral Link	8GB9913NL	240.-	10 nos.
	15 Way Neutral Link	8GB9915NL	265.-	10 nos.
<b>Neutral Terminals For 8GB32 DBs (With Terminal Shroud and Cover)</b>				
	Neutral Terminal 5 Holes	8GB9905NPE	150.-	10 nos.
	Neutral Terminal 11 Holes	8GB9911NPE	220.-	10 nos.
	Neutral Terminal 13 Holes	8GB9913NPE	250.-	10 nos.
	Neutral Terminal 15 Holes	8GB9915NPE	280.-	10 nos.
<b>Earth Terminals</b>				
	5 Way Earth Link	8GB9905EL	120.-	10 nos.
	11 Way Earth Link	8GB9911EL	200.-	10 nos.
	13 Way Earth Link	8GB9913EL	220.-	10 nos.
	15 Way Earth Link	8GB9915EL	250.-	10 nos.

Note: \* MRP - Maximum Retail Price

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

### Type 1 Lightning Arrestors

Type 1 Lightning Arrestors 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 Arrestor 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	49420.-	1
	Lightning Arrestor 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	61510.-	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	22535.-	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	23555.-	1
	Surge Arrester type 2, Requirement Class C, UC350V Protection Blocks Plug In 1 Pole, L-N Circuit	Type 2	40	1	5SD74610	6225.-	1
	Surge Arrester type 2, Requirement Class C, UC260V Protection Blocks Plug In 1 Pole, N-PE Circuit	Type 2	40	1	5SD74810	5660.-	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	10540.-	1
	Plug part Type 1N-PE, Requirement Class B, UC 350V 1-Pole For Lighting Conductor 5SD741	Type 1		-	5SD74180	11585.-	1
	Plug part Type 2L-N, Requirement Class C, UC 350V 1-Pole For Surge Arrester 5SD746...	Type 2		-	5SD74681	4550.-	1
	Plug part Type 2N-PE, Requirement Class C, UC 260V 1-Pole For Surge Arrester 5SD746..., 5SD747..., 5SD74810	Type 2		-	5SD74880	4550.-	1
	Plug Part Type 3 Requirement Class D Rated Voltage UN 230V 2 pole, 1-Phase For Surge Arrester 5SD74321	Type 3		-	5SD74371	6230.-	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



## Modular Devices

	Item Description	Rated Current I <sub>n</sub> (A)	MW#	Reference No	Unit LP* ₹	Std. Pkg.** (Nos.)
<b>Changeover switches</b> Standards: IEC 60947-3/DIN EN 60947-3						
	1C/O, 230V	20	1	5TE8161	1500.-	1/10
	2C/O, 400V	20	1	5TE8162	2735.-	1/10
	Group switch, center position, 2C/O, 400V	20	1	5TE8142	3155.-	1/10
<b>Insta Contactors</b> Standards: EN 60947-4-1, EN 60947-5-1						
	2NO contacts, 230Vac	20	1	5TT58000	2380.-	1/5
	3NO+1NC contacts, 230Vac/220Vdc (1NC contact rated for 30A)	40	3	5TT58410	6510.-	1/5
	3NO+1NC contacts, 24Vac/24Vdc (1NC contact rated for 30A)	40	3	5TT58412	6535.-	1/5
	4NO contacts, 230Vac/220Vdc	40	3	5TT58400	6550.-	1/5
	4NO contacts, 24Vac/24Vdc	40	3	5TT58402	6440.-	1/5
	3NO+1NC contacts, 230Vac/220Vdc (1NC contact rated for 30A)	63	3	5TT58510	9055.-	1/5
	3NO+1NC contacts, 24Vac/24Vdc, (1NC contact rated for 30A)	63	3	5TT58512	9575.-	1/5
	4NO contacts, 230Vac/220Vdc	63	3	5TT58500	8305.-	1/5
4NO contacts, 24Vac/24Vdc	63	3	5TT58502	8755.-	1/5	
<b>Insta Contactors Manual / Automatic with Switching Indicator</b> Standards: IEC60947-4-1, IEC60947-5-1						
	2NO contacts, 230Vac	20	1	5TT58006	3165.-	1/5
	1NO+1NC contacts, 230Vac	20	1	5TT58016	4765.-	1/5
	4NO contacts, 230Vac	25	2	5TT58306	4485.-	1/5
	4NO contacts, 400Vac	40	3	5TT58406	9865.-	1/5
	4NO contacts, 400Vac	63	3	5TT58506	12505.-	1/5
<b>Accessories</b>						
	Control Switch with 1 Make and 1 Break Contact For AC 230V/400V For 5TT58 and 5TT50			5TT59101	2705.-	1/10

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.)
<b>Measuring Selector Switches</b>								
	Voltmeter Selector Switches	400	6	12	3	7KT9010	5045.-	1
	Ammeter Selector Switches for Transformer operation	400	6	12	3	7KT9011	5520.-	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

## Modular Devices




	Item Description	Rated Current I <sub>n</sub> (A)	MW#	Reference No	Unit LP* ₹	Std. Pkg.** (Nos.)
<b>Voltage Relays</b>						
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	10440.-	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	17375.-	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	20005.-	1
	Neutral conductor monitor with asymmetry detection and N conductor monitoring, 2C/O contacts, 230/400Vac	4	2	5TT3410	16675.-	1
<b>Ammeters &amp; Voltmeters</b>						
	Digital Voltmeter, 12...600Vac		2	7KT1110	14435.-	1/5
	Digital Ammeter, direct connection 0.4...20A (With CTs 0.1....1000/5)		2	7KT1120	14435.-	1/5
<b>RYG 3 phase indicator in 1MW</b>						
	3 phase indicator (all with green color cap)		1	5TE5802	2695.-	1/10
	3 phase indicator (red/yellow/green)		1	5TE5803	2290.-	1/10
	Transparent cap (1 set = 3 items, R, Y, G lens)			5TG8070	745.-	1/10
<b>Power ON Indicator (Economy Version*) 230 Vac, 1 Phase</b>						
	Light indicators for max. cable length up to 5 m with 1 red lamp		1	5TE5800	1425.-	1/12
	Light indicators for max. cable length up to 250 m with 1 red lamp		1	5TE5804	1140.-	1/12
	Transparent cap (Red)			5TG8061	105.-	5
	Transparent cap (Green)			5TG8062	105.-	5
	Transparent cap (Yellow)			5TG8063	105.-	5
	Transparent cap (Blue)			5TG8064	105.-	5
<b>Fuse Monitor</b>						
	Fuse monitors with transparent caps for all low voltage fuse systems, 230Vac	4	2	5TT3170	9845.-	1

Note:

\* LP - List Price

# 1MW (Module Width) = 18mm

## Modular Devices

	Item Description	Rated Current I <sub>n</sub> (A)	MW <sup>#</sup>	Reference No	Unit LP* ₹	Std. Pkg.** (Nos.)
<b>Time Switches (Digital)</b>						
	Mini digital, daily/weekly program, 100 hours reserve, 230Vac	16	1	7LF44015	8140.-	1
	Yearly time switch top digital 230V, 1 channel	16	2	7LF45110	7500.-	1
	Yearly time switch top digital 230V, 2 channel	16	2	7LF45120	16320.-	1
	Weekly time switch profi digital 230V, 1 channel	16	2	7LF45210	15205.-	1
	Weekly time switch profi digital 230V, 2 channel	16	2	7LF45220	19655.-	1
	Weekly time switch astro digital 230V, 1 channel	16	2	7LF45310	13590.-	1
	Weekly time switch astro digital 230V, 2 channel	16	2	7LF45320	35230.-	1
	Expert digital, daily/weekly/yearly program, 5 years reserve, 120/230Vac, 4 channels system	16	6	7LF44440	34150.-	1
<b>Time Switches (Mechanical) Standards: EN 60730-1</b>						
	Quartz-clock time switches with power reserve for wall mounting, day disk, 1CO, 250Vac	16	—	7LF53050	8200.-	1/5
	Synchronous time switches without power reserve, for wall mounting, day disk, 1CO, 250Vac	16	—	7LF53010	5000.-	1/5
<b>Accessories for Digital Time Switches</b>						
	Data key for storing & transferring data (Expert)			7LF49402	1585.-	1
	USB adapter and software			7LF49410	23115.-	1
	Data key profi, astro			7LF49411	2350.-	1

## Terms and Conditions

- MRPs/LPs are subject to revision without prior notice.
- The company reserves the right to supply goods at its works or godown at its discretion.
- **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.
- **This supercedes all previous Price Lists**
- **Maximum Retail Prices (MRPs) mentioned in this publication are max. recommended selling prices.**
- **List prices are inclusive of ED / CVD, however exclusive of all local taxes and levies**

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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	3VT1704-2DA36-0AA0	-	3VT1704-2EA46-0AA0	-	1
	63	3VT1706-2DA36-0AA0	-	3VT1706-2EA46-0AA0	-	1
	80	3VT1708-2DA36-0AA0	-	3VT1708-2EA46-0AA0	-	1
	100	3VT1710-2DA36-0AA0	-	3VT1710-2EA46-0AA0	-	1
	125	3VT1712-2DA36-0AA0	-	3VT1712-2EA46-0AA0	-	1
	160	3VT1716-2DA36-0AA0	-	3VT1716-2EA46-0AA0	-	1

(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	3VT1701-2DC36-0AA0	-	3VT1701-2EC46-0AA0	-	1
	25	3VT1792-2DC36-0AA0	-	3VT1792-2EC46-0AA0	-	1
	32	3VT1703-2DC36-0AA0	-	3VT1703-2EC46-0AA0	-	1
	40	3VT1704-2DC36-0AA0	-	3VT1704-2EC46-0AA0	-	1
	63	3VT1706-2DC36-0AA0	-	3VT1706-2EC46-0AA0	-	1
	80	3VT1708-2DC36-0AA0	-	3VT1708-2EC46-0AA0	-	1
	100	3VT1710-2DC36-0AA0	-	3VT1710-2EC46-0AA0	-	1
	125	3VT1712-2DC36-0AA0	-	3VT1712-2EC46-0AA0	-	1
	160	3VT1716-2DC36-0AA0	-	3VT1716-2EC46-0AA0	-	1

**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* ₹
<b>3VT2 &amp; 3, 36kA</b>						
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 <sup>5</sup>	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 <sup>1)</sup>	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
	1	0.75	1.6-2.5	3TW42 90-1A.68	-	1
	1.5	1.1	2-3.2	3TW42 90-1A.69	-	1
	2	1.5	3-2.5	3TW42 90-1A.71	-	1
	3	2.2	4-6.3	3TW42 90-1A.72	-	1
	5	3.7	6.3-10	3TW42 90-1A.74	-	1
	-	-	8-12.5	3TW42 90-1A.75	-	1
	7.5	5.5	10-16	3TW42 90-1A.77	-	1
	10	7.5	12.5-20	3TW42 90-1A.78	-	1

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


@ Kindly refer latest Motor Control Products Price List for prices

\* MRP - Maximum Retail Price LP - List Price




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

### Switch Disconnector fuse: 3KL8 for power distribution (in Open Execution TPN)

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




### Selection table for SS Housing for 3KL8



	Rated current Ie (A)	Reference No	Unit MRP* ₹	Std. Pkg. (Nos.)
	3KL81 (20A - 63A)	3KX8155-4AC	-	1
	3KL82 (100A - 160A)	3KX8235-4AC	-	1
	3KL83 (200A - 400A)	3KX8345-4AC	-	1
	3KL84 (500A - 800A)	3KX8435-4AC	-	1

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


### DIN Type Fuse

Rated voltage: 500 V AC

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

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

### BS Fuses

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

<sup>#</sup> 400 & 800A fuses - Rated voltage at 415 V AC

\$- AC23A @ 550V AC

Note: \* MRP - Maximum Retail Price

@ Kindly refer latest Power Distribution Products Price List for prices



## 7KT PAC1200

Multichannel current measuring system  
For flexible multichannel monitoring in final  
distribution

- Modular & Simple installation
- Easy scalability- sensor bars available in 3,6,9 and 12 versions
- Up to 96 sensors in a single system
- Integrated web server

**On- the-go access to energy data  
with the help of mobile app**

Available for iOS/ Android

\*For more details and prices, contact Siemens Sales Office.

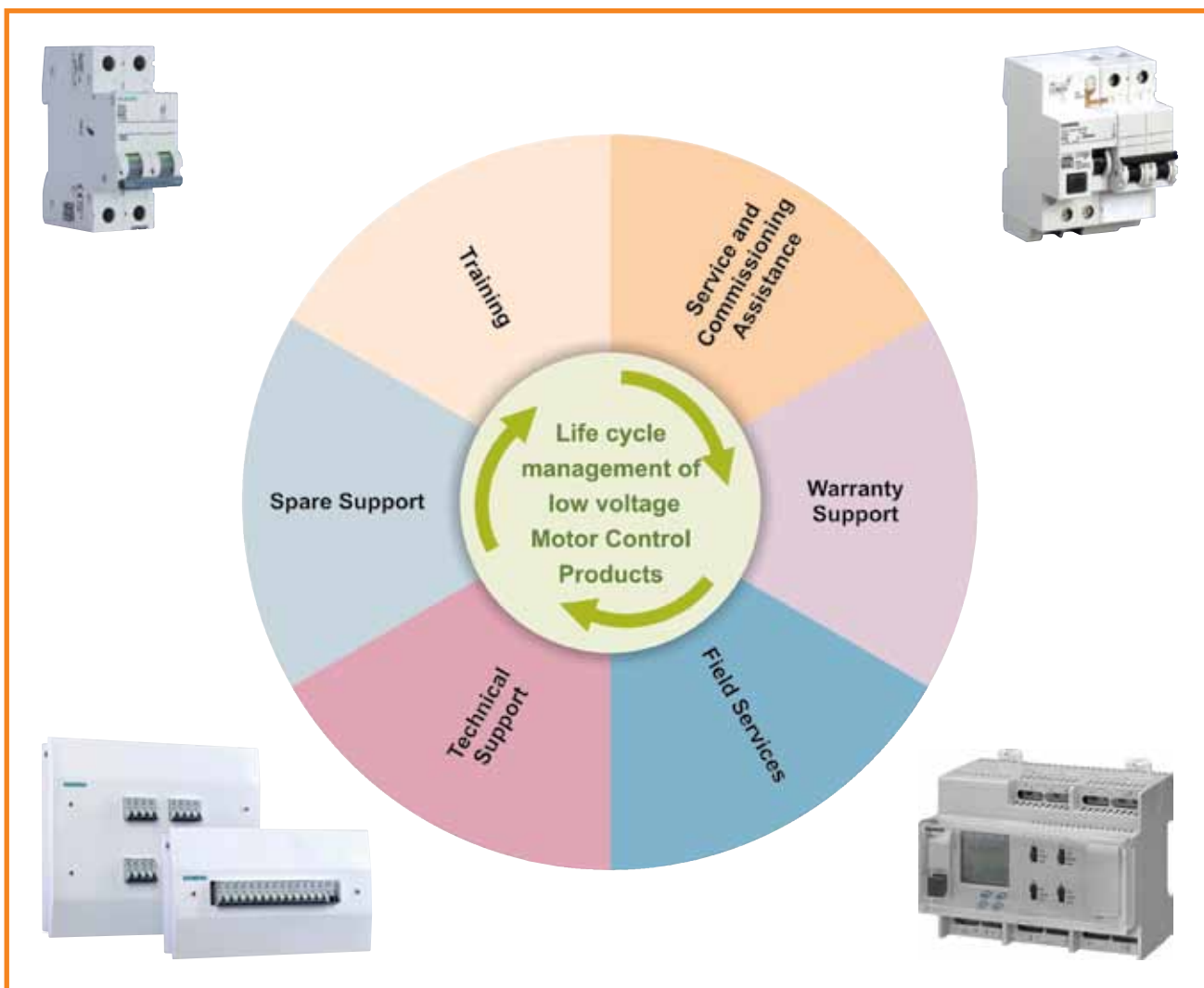
### Ordering Information\*

Type	Description
7KT1260	Data manager
7KT1233	3-Sensor bar
7KT1236	6-Sensor bar
7KT1238	9-Sensor bar
7KT1242	12-Sensor bar
7KT1254	Sensor 40 A
7KT1255	Sensor 63 A

## One point contact for your service needs

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

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



*Please get in touch with us for details*

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Toll Free No: 1800220987 / 18002090987 • E-mail: [ics.india@siemens.com](mailto:ics.india@siemens.com)

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- Breakdown service
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**For more details please contact:**

Customer care desk

**Siemens Ltd.**

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