

SIEMENS

B
Betagard MCBs, RCCBs & DBs



With
SLR

All round protection guaranteed

Betagard MCB 5SL – Inspiring Safety

Answers for infrastructure.

www.siemens.co.in

Overview

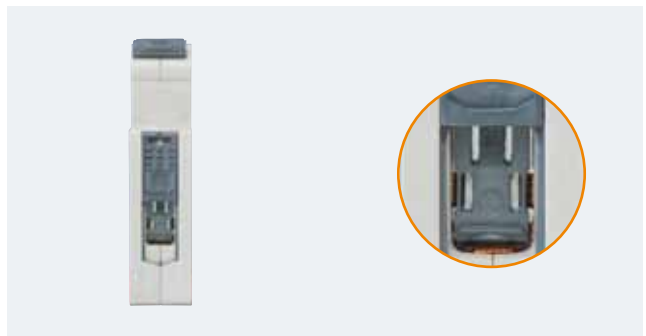
As a culture Siemens has always endeavoured to introduce innovative products worldwide. The Electrical Installation R&D team has now raised the bar with the introduction of Betagard 5SL Miniature Circuit Breaker. Manufactured and designed at the Siemens Aurangabad facility, Betagard 5SL – *Inspiring Safety*, sets a new benchmark for protection.

Loaded with numerous features, Betagard 5SL is the only patented MCB with a unique **SLR** (Slide Latch-Release) feature for tool free removal of MCB from DIN rail. It also allows single MCB removal from a bus mounted assembly of MCBs. Betagard 5SL MCB is ergonomically designed and allows user-friendly switching. ON-OFF Status is easily recognizable thanks to the color coded switching position indicator on its attractive grey lever. With highly effective touch protection against accidental contact, Betagard 5SL range is available in current rating upto 63A in B and C characteristics.

Features and Benefits



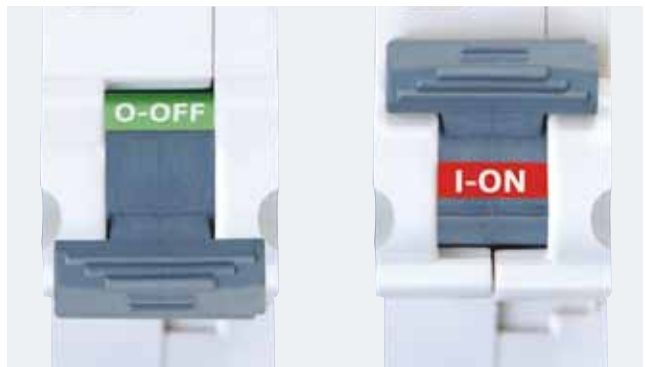
Ergonomically designed, with a user friendly lever for effortless switching



Highly effective touch protection against accidental contact



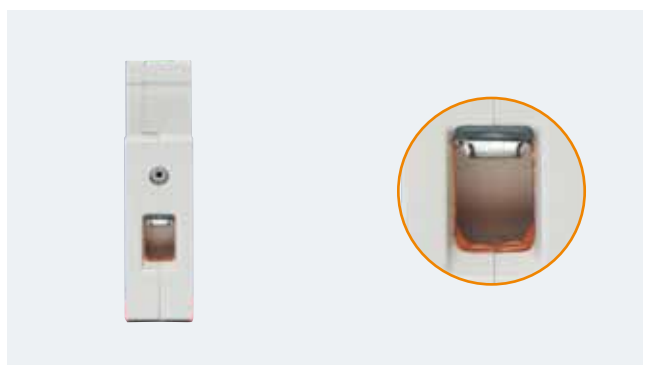
MCB with patented unique SLR (Slide Latch-Release) feature for tool free removal from DIN rail. It also allows individual MCBs to be removed from bus mounted assembly



To highlight exact switching position, easily recognizable color coded ON-OFF is embedded on the attractive grey lever



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



Uniquely designed square terminal to accommodate wire up to 35 Sqmm



Enables firm mounting of Bus bar together with wire and front access of wires for safer installation



Terminals can accommodate 2 wires of same cross section (Solid up to 2 X 10 mm² and finely stranded with end sleeve up to 2 X 4 mm²) without twisting wire strands facilitates easier and safe wiring



Side mounting accessories like auxiliary switches and fault signaling contacts available for special applications



Green product – Recyclable, low watt loss, free from hazardous material like CFC and silicon (ROHS)

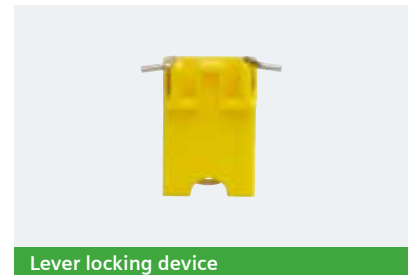
Accessories



Auxiliary switches (AS)



Fault signal contacts (FC)



Lever locking device





Technical Specifications

Standard		IS/IEC 60898-1:2002
Approvals		BIS (ISI Marked) License No. 2255548
Tripping Characteristics		B,C
Rated Voltage Un	V AC	240 / 415
Operational Voltage		
Min	VAC/DC	24
Max	V AC	260 / 480
Max	V DC/Pole	60
Rated Breaking Capacity (as per IS/IEC 60898-1)	kA AC	7.5
Touch Protection (Acc. To EN 50274)		yes
Degree of Protection		IP20
CFC and Silicon free		Yes
Conductor Cross Section (In addition to 1.5mm pin bus bar)		
Solid & Stranded	mm ²	0.75.....35
Finely Stranded	mm ²	0.75.....25
Mounting Position		Any

Betagard 5SL Miniature Circuit Breakers C Characteristics



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

	Rated Current I_n (A)	MW [#]	Reference No	Unit MRP* in ₹	Std. Pkg. (Nos.)		
	0.5	1	5SL61057RC	222.-	1/12		
	1		5SL61017RC	222.-	1/12		
	2		5SL61027RC	222.-	1/12		
	3		5SL61037RC	222.-	1/12		
	4		5SL61047RC	222.-	1/12		
	6		■ 5SL61067RC	158.-	1/12		
	8		5SL61087RC	158.-	1/12		
	10		■ 5SL61107RC	158.-	1/12		
	13		5SL61137RC	158.-	1/12		
	16		■ 5SL61167RC	158.-	1/12		
	20		■ 5SL61207RC	158.-	1/12		
	25		5SL61257RC	158.-	1/12		
	32		■ 5SL61327RC	158.-	1/12		
	40		5SL61407RC	335.-	1/12		
	50		5SL61507RC	386.-	1/12		
63	5SL61637RC	386.-	1/12				
	0.5	2	5SL62057RC	605.-	1/6		
	1		5SL62017RC	605.-	1/6		
	2		■ 5SL62027RC	605.-	1/6		
	3		5SL62037RC	605.-	1/6		
	4		■ 5SL62047RC	605.-	1/6		
	6		■ 5SL62067RC	491.-	1/6		
	8		5SL62087RC	491.-	1/6		
	10		■ 5SL62107RC	491.-	1/6		
	13		5SL62137RC	491.-	1/6		
	16		■ 5SL62167RC	491.-	1/6		
	20		■ 5SL62207RC	491.-	1/6		
	25		5SL62257RC	491.-	1/6		
	32		■ 5SL62327RC	491.-	1/6		
	40		■ 5SL62407RC	680.-	1/6		
	50		5SL62507RC	805.-	1/6		
63	■ 5SL62637RC	805.-	1/6				
	0.5	3	5SL63057RC	835.-	1/4		
	1		5SL63017RC	835.-	1/4		
	2		5SL63027RC	835.-	1/4		
	4		5SL63047RC	835.-	1/4		
	6		■ 5SL63067RC	735.-	1/4		
	10		■ 5SL63107RC	735.-	1/4		
	16		■ 5SL63167RC	735.-	1/4		
	20		5SL63207RC	735.-	1/4		
	25		5SL63257RC	735.-	1/4		
	32		■ 5SL63327RC	735.-	1/4		
	40		■ 5SL63407RC	1030.-	1/4		
	50		5SL63507RC	1150.-	1/4		
	63		■ 5SL63637RC	1150.-	1/4		
			0.5	4	5SL64057RC	1195.-	1/3
			1		5SL64017RC	1195.-	1/3
2		5SL64027RC	1195.-		1/3		
4		5SL64047RC	1195.-		1/3		
6		5SL64067RC	1015.-		1/3		
10		5SL64107RC	1015.-		1/3		
16		5SL64167RC	1015.-		1/3		
20		5SL64207RC	1015.-		1/3		
25		5SL64257RC	1015.-		1/3		
32		■ 5SL64327RC	1015.-		1/3		
40		■ 5SL64407RC	1325.-		1/3		
50		5SL64507RC	1520.-		1/3		
63		■ 5SL64637RC	1520.-		1/3		

Note:





* MRP - Maximum Retail Price ■ Stock Items

1 MW (Module Width) = 18mm

Betagard 5SL Miniature Circuit Breakers B Characteristics



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

	Rated Current I_n (A)	MW#	Reference No	Unit MRP* in ₹	Std. Pkg. (Nos.)
	6	1	■ 5SL61066RC	144.-	1/12
	10		■ 5SL61106RC	144.-	1/12
	16		■ 5SL61166RC	144.-	1/12
	20		■ 5SL61206RC	144.-	1/12
	25		5SL61256RC	144.-	1/12
	32		■ 5SL61326RC	144.-	1/12
	40		5SL61406RC	315.-	1/12
	50		5SL61506RC	355.-	1/12
	63		5SL61636RC	355.-	1/12
	6	2	5SL62066RC	468.-	1/6
	10		5SL62106RC	468.-	1/6
	16		5SL62166RC	468.-	1/6
	20		5SL62206RC	468.-	1/6
	25		5SL62256RC	468.-	1/6
	32		■ 5SL62326RC	468.-	1/6
	40		■ 5SL62406RC	669.-	1/6
	50		5SL62506RC	754.-	1/6
	63		■ 5SL62636RC	754.-	1/6
	6	3	5SL63066RC	728.-	1/4
	10		5SL63106RC	728.-	1/4
	16		5SL63166RC	728.-	1/4
	20		5SL63206RC	728.-	1/4
	25		5SL63256RC	728.-	1/4
	32		5SL63326RC	728.-	1/4
	40		5SL63406RC	1005.-	1/4
	50		5SL63506RC	1127.-	1/4
	63		5SL63636RC	1127.-	1/4
	6	4	5SL64066RC	995.-	1/3
	10		5SL64106RC	995.-	1/3
	16		5SL64166RC	995.-	1/3
	20		5SL64206RC	995.-	1/3
	25		5SL64256RC	995.-	1/3
	32		■ 5SL64326RC	995.-	1/3
	40		5SL64406RC	1230.-	1/3
	50		5SL64506RC	1492.-	1/3
	63		■ 5SL64636RC	1492.-	1/3

Accessories for Betagard 5SL

	Reference No	Unit MRP in ₹	Std Pkg (Nos)
Aux Contact 1NO+1NC	5ST3010	552.-	1
Fault Signalling contact	5ST3020	767.-	1
Rotary Handle	5ST38140RC	1070.-	1
Lever locking device for padlock with max. 6mm shackle	5ST3806	270.-	1

Note:

* MRP - Maximum Retail Price ■ Stock Items

1MW (Module Width) = 18mm

Your partners

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