

Betagard Miniature Circuit Breakers & DC Circuit Breakers

Betagard 5SL MCBs

Technical Specifications

			Betagard 5SL
Standards			IS/IEC 60898-1 :2002
Tripping characteristic			B, C
Number of poles	1		1P
	2		2P
	3		3P
	4		4P
Rated voltage		V AC	240/415
Operational voltage	min.	V AC/DC	24
	max.	V DC/pole	60 ¹⁾
	max.	V AC	440
Rated breaking capacity	acc. to IS/IEC 60898-1	kA AC	7.5
Current Rating			B - 6A to 63A C - 0.5A to 63A
Insulation coordination		V AC	250/440 2
<ul style="list-style-type: none"> Rated insulation voltage Degree of Pollution for overvoltage category III 			
Touch Protection	EN 50274		Yes
Line load reversibility			Yes
Degree of protection			IP20
CFC and silicone-free			Yes
Terminals		Nm	2.5 ... 3
<ul style="list-style-type: none"> Terminal tightening torque, recommended 			
Conductor cross-sections		mm ² mm ²	0.75....35 0.75....25
<ul style="list-style-type: none"> Solid and stranded Finely stranded with end sleeve, max. 			
Mounting position			Any
Average Service life (with rated load)			20.000 operations
Ambient temperature		°C	-25 ... +45, occasionally +55, max. 95% humidity, storage temperature: -40 ... +75

¹⁾ The operational voltage 60 V DC/pole takes into account a battery charging voltage with peak value of 72 V

