

Technical specifications

5SA, 5SB, 5SC, 5SD		
Standards	IEC 60269-3; DIN VDE 0635; DIN VDE 0636-3; CEE 16	
Operational class	acc. to IEC 60269; DIN VDE 0636	gG
Characteristic	acc. to DIN VDE 0635	Slow and quick
Rated voltage U_n	V AC	500, 690, 750
	V DC	500, 600, 750
Rated current I_n	A	2 ... 100
Rated breaking capacity	kA AC	50, 40 at E16
	kA DC	8, 1.6 at E16
Mounting position	Any, but preferably vertical	
Non-interchangeability	Using screw adapter or adapter sleeves	
Degree of protection	acc. to IEC 60529	IP20, with connected conductors
Resistance to climate	°C	Up to 45, at 95 % rel. humidity
Ambient temperature	°C	-5 ... +40, humidity 90 % at 20

		Terminal type									
		B		K			NO		R		
Size		DII	DIII	NDz	DII	DIII	DIII	DIV	DII	DIII	
Conductor cross-sections											
• Rigid, min.	mm ²	1.5	2.5	1.0	1.5	2.5	2.5	10	1.5	1.5	
• Rigid, max.	mm ²	10	25	6	10	25	25	50	35	35	
• Flexible, with end sleeve	mm ²	10	25	6	10	25	25	50	35	35	
Tightening torque											
• Screw M4	Nm	1.2							--		
• Screw M5	Nm	2.0							--		
• Screw M6	Nm	2.5							4		
• Screw M8	Nm	3.5							--		