

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 version								
		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 torques										
• Screw M4	Nm	1.2							--	
• Screw M5	Nm	2.0							--	
• Screw M6	Nm	2.5							4	
• Screw M8	Nm	3.5							--	