

Technical specifications

			STE8 1
Standards	IEC/EN 60947-3 (VDE 0660-107); IEC/EN 60669-1 (VDE 0632-1) EN 60669		
Approvals			
Rated operational current I_e	Per conducting path	A	20
Rated operational voltage U_e	1-pole	V AC	230
	Multipole	V AC	400
Rated power dissipation P_v	Contact per pole	VA	0.7
Thermal rated current I_{the}		A	20
Rated breaking capacity	At p.f. = 0.65	A	60
Rated making capacity	At p.f. = 0.65	A	60
Short-circuit strength			
In conjunction with fuse of the same rated operational current	EN 60269 gL/gG	kA	10
Rated impulse withstand voltage U_{imp}		kV	> 5
Clearances	Open contacts	mm	2 × > 2
	Between the poles	mm	> 7
Creepage distances		mm	> 7
Mechanical service life	Switching cycles		25 000
Electrical service life	Switching cycles		10 000
Minimum contact load		V; mA	10; 300
Rated short-time currents			
Per conducting path at p.f. = 0.7	Up to 0.2 s	A	650
	Up to 0.5 s	A	400
(The respective rated surge current can be calculated by multiplying by a factor of 1.5).	Up to 1 s	A	290
	Up to 3 s	A	170
Terminals	± screw (Pozidriv)		1
Max. tightening torque		Nm	1.2
Conductor cross-sections	Rigid	mm ²	1.5 ... 6
	Flexible, with end sleeve	mm ²	1 ... 6
Permissible ambient temperature		°C	-5 ... +40
Resistance to climate			
At 95 % relative humidity	Acc. to DIN 50015	°C	45