Technical specifications

according to IEC 60947-3, EN 60947-3 (VDE 0660 Part 107) and IEC 60669-1, EN 60669-1 (VDE 0632 Part 1)			**5TE8 1**
Rated operational current I_e	per conducting path	A	20
Rated operational voltage U_e	1-pole multipole	V AC V AC	230 400
Rated power dissipation P_v	contact[1] 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 Use together with a fuse with the same rated operational current (EN 60269 gL/gG)		kA	10
Rated impulse withstand voltage U_{imp}		kV	> 5
Clearances	open contacts[2] between the poles	mm mm	2 x > 2 > 7
Creepage distances		mm	> 7
Mechanical service life	switching cycles		25000
Electrical service life	switching cycles		10000
Minimum contact loads		V; mA	10; 300
Rated short-time currents[3] per conducting path at p.f. = 0.7	 up to 0.2 s up to 0.5 s up to 1 s up to 3 s	 A A A A	 650 400 290 170
Terminals/max. tightening torque	± screw (Pozidriv); Nm		1; 1.2
Conductor cross-sections	rigid flexible with sleeve	mm^2 min. mm^2	1.5 ... 6 1
Permissible ambient temperature		°C	-5 ... +40
Resistance to climate according to DIN 50015 at 95 % relative humidity		°C	45

1) For rated operational current.

2) For 5TE8 14. switches with center position = 2 x 2.5 mm.

3) The respective rated surge current can be established by multiplying by factor 1.5.