Pushbuttons

Technical specifications

			5TE4 8
Standards			IEC/EN 60947-3 (VDE 0660-107); IEC/EN 60669-1 (VDE 0632-1); GB14048.3-2002 CCC
Approved acc. to			VDE and CCC
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	per pole	VA	0.6
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
Rated impulse withstand voltage U_{imp}		kV	> 5
Clearances	open contacts between the poles	mm mm	2 × > 2 > 7
Creepage distances		mm	> 7
Mechanical service life	switching cycles		25000
Minimum contact load		V; mA	10; 300
Rated short-time currents per conducting path at p.f. = 0.7 (The respective rated surge current can be calculated by multiplying by a factor of 1.5).	 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 end sleeve	mm^2 mm^2	1.5 ... 6 1 ... 6
Permissible ambient temperature		°C	-5 ... +40
Resistance to climate at 95 % relative humidity	 according to DIN 50015	 °C	 45

Power loss of 5TG8 05. lamps		**5TG8 050**	**5TG8 051**	**5TG8 052**	**5TG8 053**	**5TG8 054**	**5TG8 055**
Rated operational voltage U_e	V AC	12	24	48	60	115	230
Rated power dissipation P_v	mW	70	160	350	420	70	170
Rated operational voltage U_e	V DC	12	24	48	60	110	220
Rated power dissipation P_v	mW	85	190	450	550	50	135

	Color coding according to IEC 60073		
Color	Safety of people or environment	Process state	System state
Red	Danger	Emergency	Faulty
Yellow	Warning/Caution	Abnormal	
Green	Safety	Normal	
Blue	Stipulation		
White **Gray** **Black**	No special significance assigned		