Technical data

5TT5 5 and 5TT5 1 acc. to DIN VDE 0637, DIN VDE 0632 5TT5 6 acc. to DIN VDE 0632			**5TT5 5.1** **5TT5 5.6**	**5TT5 511** **5TT5 5.2** **5TT5 5.3** **5TT5 53**	**5TT5 150** **5TT5 151** **5TT5 16.**	**5TT5 152** **5TT5 153**	**5TT5 60**	**5TT5 61** **5TT5 62**
Rated control voltage U_c		V DC [5]/ V AC	8, 12, 24, 110, 230		24, 230			230
Operating range × U_c			0.9 - 1.1					
Rated frequency		Hz	50 - 60		50		50/60	
Rated operating capacity P_s	during operation depending on voltage	VA	30		11		20	
Minimum pulse duration		ms	30					
Maximum ON duration	during malfunction [1]	%	100					
Incandescent lamp load [2]	U_c = 110 V U_c = 230 V	mA mA	20 10		- 4		 5	
Contact gap		mm	> 3		µ-contact			
Minimum contact load		V; mA	10; 300					
Protective isolation	creepage and clearances between coil and contact(s)	mm	> 8					> 3
Rated impulse withstand voltage U_{imp}		kV	> 4					
Rated operational voltage U_e	1-pole 2-pole 3-pole	V AC V AC V AC	230 - -	 400 400	 - -	 400	 -	
Rated operational current I_e	per current path at p. f. = 1	A	16				16 [3]	10 [4]
Switching of lamp loads	incandescent lamp load per current path halogen lamps with trans-former per current path fluorescent lamp loads	 W W	 2400 1200 [6]	 1200 800	 1500 -			
Electrical service life	in changing position at I_e and U_e or stated lamp load		50 000					
Terminals	+/- screw (Pozidriv)		1					
Conductor cross sections	rigid flexible with sleeve	max. mm² min. mm²	1 × 4 1 × 0.5		2 × 2.5			
Permissible ambient temperature		°C	-10...+40		-20...+45			
Resistance to climate	acc. to DIN 50 015 at 95 % relative air humidity	°C	45		-			
Humidity class	acc. to DIN 50 016 acc. to IEC 60 068 sections 2 to 30		- -		FW 24 -		- F	

1) After a few seconds, a built-in PTC thermistor raises the resistance and thereby protects the solenoid system. To enable the PTC thermistor to cool off after a malfunction (continuous voltage, jammed pushbutton), a recovery period of 1.5 min. is required. Afterwards, the remote-control switches will switch again according to specification.
2) Caused by glow lamps or cable capacitance, e.g. a 5TG7 332 glow lamp of medium brightness requires 0.9 mA.
3) 5TT5 605 and 5TT5 606: 10 A.
4) 5TT5 608: 8 A.
5) Limited designs, please refer to selection and ordering data.
6) For the switching of incandescent lamp loads, please refer to the catalog ET B1.T “Technical Information on the ET B1 Catalog”, available on the ET 01 CD-ROM.