

Technical specifications

Acc. to EN 60255 (VDE 0435)			5TT3 05. 5TT3 06. 5TT3 07. 5TT3 080	5TT3 04	5TT3 081	5TT3 085
Rated control supply voltage U_c		V AC V DC	8, 12, 24, 110 or 230 12, 24, 30 or 110, depending on type			
Operating range		$\times U_c$	0.9 ... 1.1			
Rated power dissipation P_v	pick-up power, approx. 20 ms holding power per contact	VA VA VA	2.1 1.3 1	1.1 1.8 1	2.1 1.3 1	1.1 1.8 1
Rated frequency	AC versions	Hz	50			
Response time/returning time		ms	30			
Contact gap		mm	μ contact			
Rated operational voltage U_e	1-pole	V AC	250			
Protective separation	creepage and clearances magnet coil/contact	mm	> 8			
Different phases	magnet coil/contact		permissible			
Rated operational current I_s	at p.f. = 1	A	16			
Rated impulse withstand voltage U_{imp}	magnet coil/contact contact/contact	kV kV	> 4 > 2.5			
Minimum contact load		V; mA	10; 100			
Terminals	\pm screw (Pozidriv)		1			
Conductor cross-sections	rigid flexible with sleeve	max. mm ² min. mm ²	2 x 2.5 0.5			
Permissible ambient temperature		°C	-20 ... +45			
Safety class	acc. to EN 60730-1		IP20			
Degree of protection	acc. to EN 60529		II			
Humidity class	acc. to DIN 50016 acc. to IEC 60068-2-30		FW 24			

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Switching of lamps

					5TT3 0..	5TT3 081
Incandescent lamp loads				W	1200	
Fluorescent and compact lamps in ballast operation						
• Uncorrected	W	L18	Unit(s)	36	--	
	W	L36	Unit(s)	31	--	
	W	L58	Unit(s)	20	--	
• Parallel-corrected	W/μF	S11/4.5	Unit(s)	--	20	
	W/μF	L18/4.5	Unit(s)	--	20	
	W/μF	L24/4.5	Unit(s)	--	20	
	W/μF	L36/4.5	Unit(s)	--	20	
	W/μF	L58/7	Unit(s)	--	13	
• DUO switching, 2-lamp	W	L18	Unit(s)	--	--	
	W	L36	Unit(s)	--	--	
	W	L58	Unit(s)	--	--	
Fluorescent and compact lamps with electronic ballast (ECG)						
AC operation, 1-lamp	W	L18	Unit(s)	58	--	
	W	L36	Unit(s)	32	--	
	W	L58	Unit(s)	20	--	
Metal-vapor and high-pressure mercury-vapor lamps						
• Uncorrected	W	50	Unit(s)	16	--	
	W	80	Unit(s)	12	--	
	W	125	Unit(s)	8	--	
	W	250	Unit(s)	4	--	
	W	400	Unit(s)	3	--	
	W	700	Unit(s)	2	--	
	W	1000	Unit(s)	1	--	
• Parallel-corrected	W/μF	50/ 7	Unit(s)	--	13	
	W/μF	80/ 8	Unit(s)	--	11	
	W/μF	125/10	Unit(s)	--	9	
	W/μF	250/18	Unit(s)	--	5	
	W/μF	400/25	Unit(s)	--	3	
	W/μF	700/40	Unit(s)	--	2	
	W/μF	1000/60	Unit(s)	--	1	
Halogen metal-vapor lamps						
• Uncorrected	W	70	Unit(s)	10	--	
	W	150	Unit(s)	5	--	
	W	250	Unit(s)	3	--	
	W	400	Unit(s)	2	--	
• Parallel-corrected	W/μF	70/12	Unit(s)	--	7	
	W/μF	150/20	Unit(s)	--	4	
	W/μF	250/20	Unit(s)	--	3	
	W/μF	400/35	Unit(s)	--	2	
	W/μF	1000/85	Unit(s)	--	1	
High-pressure sodium-vapor lamps						
• Uncorrected	W	50	Unit(s)	13	--	
	W	70	Unit(s)	10	--	
	W	110	Unit(s)	8	--	
	W	150	Unit(s)	5	--	
	W	250	Unit(s)	2	--	
• Parallel-corrected	W/μF	50/8	Unit(s)	--	11	
	W/μF	70/12	Unit(s)	--	7	
	W/μF	110/12	Unit(s)	--	7	
	W/μF	150/20	Unit(s)	--	4	
	W/μF	250/36	Unit(s)	--	2	
	W/μF	400/45	Unit(s)	--	2	