

Modular Installation Devices, Mounting Depth 55 mm >N< Switching Devices

5TT5 remote control switches

Technical specifications

5TT5 5, 5TT5 1, 5TT5 4 acc. to EN 61095 (VDE 0637) and EN 60669 (VDE 0632) 5TT5 6 acc. to EN 60669 (VDE 0632)			5TT5 5 5TT5 15	5TT5 16	5TT5 650	5TT5 153	5TT5 60 5TT5 61 5TT5 62
Rated control voltage U_c	V AC		see selection table				
Operating range $\times U_c$			0.9 ... 1.1				
Rated power dissipation P_v	magnet coil, pulse only	approx. VA	30	11	20	20	30
	per contact at 16 A	VA	0.9	1.5	0.8	0.9	0.9
	at 8 and 10 A	VA	--	--	--	--	0.8
Minimum pulse duration	ms		30				
Fuse protected against continuous voltage	magnet coil		yes				
Contact gap	mm		> 3	μ contact	μ contact	μ contact	> 3
Rated operational voltage U_e	1-pole	V AC	230	230	230	230	230
	2-pole	V AC	400	230			--
	3-pole	V AC	400	--			--
Protective separation	creepage and clearances magnet coil/contact	mm	> 8				> 3
Different phases	magnet coil/contact		permissible				
	magnet coil/terminals for central-and group input		yes, 5TT5 15 no	--	--	--	yes
Rated operational current I_s	at p.f. = 1	A	16				
Rated impulse withstand voltage U_{imp}	kV		> 4				
Minimum contact load	V; mA		10; 100				
Electrical service life	in switching cycles at I_e and U_e or specified lamp load		50000				
Terminals	\pm screw (Pozidriv)		1				
Conductor cross-sections	rigid	max. mm ²	1.5 ... 4	2 x 2.5		1.5 ... 2.5	
	flexible with sleeve	min. mm ²	0.5	0.5		0.5	
Permissible ambient temperature	°C		-10 ... +40	-20 ... +45		-10 ... +40	
Degree of protection	acc. to EN 60529		IP20			--	IP20
Resistance to climate	acc. to DIN 50015 at 95% relative air humidity		45	--	--	45	--
Humidity class	acc. to DIN 50016 acc. to IEC 60068-2-30		--	FW 24	--	--	--
			--	--	F	--	F

Switching of lamps

			5TT5 5 1-pole and 1 CO con- tact	5TT5 5 multipole and 5TT5 511	5TT5 1	5TT5 650	5TT5 60 5TT5 61 5TT5 62
Incandescent lamp loads	W		2400	1200	1500	1500	1500
Transformers for halogen lamps	W		1200	800	--	--	--
Fluorescent and compact lamps in ballast operation	Unit(s)		Unit(s)	Unit(s)	Unit(s)	Unit(s)	Unit(s)
• Uncorrected	L18	W	35	30	--	--	--
	L36	W	35	30	--	--	--
	L58	W	25	20	20	--	--
• Parallel-corrected	L18/4.5	W/ μ F	40	50	--	--	--
	L36/4.5	W/ μ F	40	50	--	--	--
	L58/7	W/ μ F	28	30	--	--	--
• DUO switching, 2-lamp	L18	W	2 x 30	2 x 24	--	--	2 x 22
• 2 lamps	L36	W	2 x 30	2 x 24	--	--	2 x 22
	L58	W	2 x 20	2 x 16	--	--	2 x 14
Fluorescent and compact lamps with electronic ballast (ECG)	Unit(s)		Unit(s)	Unit(s)	Unit(s)	Unit(s)	Unit(s)
• AC operation, 1-lamp	L18	W	36	30	--	--	--
	L36	W	36	30	--	--	--
	L58	W	24	20	--	--	--
• AC operation, 2-lamp	L18/4.5	W/ μ F	2 x 22	2 x 18	--	--	--
	L36/4.5	W/ μ F	2 x 22	2 x 18	--	--	--
	L58/7	W/ μ F	2 x 15	2 x 12	--	--	--