

Switching of direct voltages DC-1 and DC-3

Permissible DC switching currents for NO contacts with resistive load 4 contacts in series are not recommended for 24 V due to unreliable contacts				1 contact		2 contacts in series		3 contacts in series		4 contacts in series	
				DC-1	DC-3	DC-1	DC-3	DC-1	DC-3	DC-1	DC-3
5TT5 73 , 4-pole, 24 A	I_e at $U_e =$	24 V DC	A	24	16	24	24	24	24	24	--
		48 V DC	A	21	8	24	18	24	24	--	--
		60 V DC	A	17	4	24	14	24	24	--	--
		110 V DC	A	7	1.6	16	6.5	24	16	8	--
		220 V DC	A	0.9	0.2	4.5	1	13	4	3.5	--
5TT5 74 , 4-pole, 40 A	I_e at $U_e =$	24 V DC	A	40	19	40	40	40	40	24	--
		48 V DC	A	23	10	40	20	40	40	--	--
		60 V DC	A	16	5	32	16	40	34	--	--
		110 V DC	A	8	1.8	17	7	30	18	8	--
		220 V DC	A	1	0.3	5	1.1	15	4.5	3.5	--
5TT5 75 , 4-pole, 63 A	I_e at $U_e =$	24 V DC	A	50	21	63	44	63	63	63	--
		48 V DC	A	26	11	43	22	63	47	--	--
		60 V DC	A	20	5.5	35	18	60	38	--	--
		110 V DC	A	9	2	19	8	33	21	--	--
		220 V DC	A	1.1	0.3	5.5	1.2	17	5	20	--

Switching of lamps

Incandescent lamp loads				
5TT5 73 , 4-pole, 24 A	Per NO contact	W	1500	
5TT5 74 , 4-pole, 40 A	Per NO contact	W	3000	
5TT5 75 , 4-pole, 63 A	Per NO contact	W	5000	

Maximum number of lamps in units, per NO contact at 230 V AC, 50 Hz.

Fluorescent and compact lamps in ballast operation (KVG)
(permissible number of lamps in units per circuit at 230 V AC, 50 Hz)

			Uncorrected			Parallel-corrected			DUO circuit 2 lamps		
Lamp type	W		L18	L36	L58	L18	L36	L58	2 × L18	2 × L36	2 × L58
Capacitor capacitance	μF		--	--	--	4.5	4.5	7.0	--	--	--
5TT5 73 , 4-pole	24 A	Per NO contact	26	20	12	8	8	5	26	20	12
5TT5 74 , 4-pole	40 A	Per NO contact	85	65	40	16	16	10	85	65	40
5TT5 75 , 4-pole	63 A	Per NO contact	135	105	65	67	67	43	140	105	65

Fluorescent and compact lamps with electronic primary switching device (ECG)
(permissible number of lamps in units per circuit at 230 V AC, 50 Hz)

			1 lamp			2 lamps		
Lamp type	W		1 × L18	1 × L36	1 × L58	2 × L18	2 × L36	2 × L58
5TT5 73 , 4-pole	24 A	Per NO contact	24	16	14	18	11	8
5TT5 74 , 4-pole	40 A	Per NO contact	55	34	32	34	20	17
5TT5 75 , 4-pole	63 A	Per NO contact	76	47	46	48	29	24

High-pressure mercury-vapor lamps (HQL)
(permissible number of lamps in units per circuit at 230 V AC, 50 Hz)

			Uncorrected							Parallel-corrected						
Lamp type	W		50	80	125	250	400	700	1 000	50	80	125	250	400	700	1 000
Capacitor capacitance	μF		--	--	--	--	--	--	--	7	8	10	18	25	45	60
5TT5 73 , 4-pole	24 A	Per NO contact	14	10	7	4	2	1	1	5	4	3	2	1	0	0
5TT5 74 , 4-pole	40 A	Per NO contact	36	27	19	10	7	4	3	10	8	6	3	3	1	1
5TT5 75 , 4-pole	63 A	Per NO contact	50	38	26	14	10	6	4	43	37	26	15	10	5	4

Halogen metal-vapor lamps (HQL)
(permissible number of lamps in units per circuit at 230 V AC, 50 Hz)

			Uncorrected						Parallel-corrected				
Lamp type	W		70	150	250	400	1 000	2 000	70	150	250	400	1 000
Capacitor capacitance	μF		--	--	--	--	--	--	12	20	33	35	95
5TT5 73 , 4-pole	24 A	Per NO contact	5	3	2	1	0	0	3	1	1	0	0
5TT5 74 , 4-pole	40 A	Per NO contact	14	8	5	4	1	1	5	3	2	2	0
5TT5 75 , 4-pole	63 A	Per NO contact	20	11	7	6	2	1	18	9	5	4	1

High-pressure sodium-vapor lamps (NAV)
(permissible number of lamps in units per circuit at 230 V AC, 50 Hz)

			Uncorrected				Parallel-corrected			
Lamp type	W		150	250	400	1 000	150	250	400	1 000
Capacitor capacitance	μF		--	--	--	--	20	33	48	106
5TT5 73 , 4-pole	24 A	Per NO contact	4	3	1	0	1	1	0	0
5TT5 74 , 4-pole	40 A	Per NO contact	15	9	6	3	3	2	1	0
5TT5 75 , 4-pole	63 A	Per NO contact	20	15	8	4	15	9	6	2