

Lastbryter 5TL...



Forvaltning

ON/OFF switches (32 A to 125 A) can be used as switch disconnectors according to EN 60947-1/IEC/EN 60947-3

Oppfyller kravene i RoHs direktivet

Drift

Renhold Ingen krav til periodisk renhold

Energiforbruk

Henvisninger

Øvrige tekniske data finnes i våre kataloger og på www.siemens.no/ad

Vedlikehold

Rutiner

Ingen spesielle-se tabell

Levetid

Setabell

Annet

Generelt

Ved montering av automatsikringen og hjelpeutsyret til denne, er det viktig å følge veiledningen som medfølger.

Følg alltid angitte tiltrekningsmomenter.

Målskisse

5TL1 ON/OFF switches, 32 A to 125 A



5TL1163-1	5TL1263-1	5TL1363-1	5TL1663-1	5TL1432-0
5TL1191-1	5TL1291-1	5TL1391-1	5TL1691-1	5TL1440-0
5TL1132-0	5TL1232-0	5TL1332-0	5TL1632-0	5TL1463-0
5TL1140-0	5TL1240-0	5TL1340-0	5TL1640-0	5TL1480-0
5TL1163-0	5TL1263-0	5TL1363-0	5TL1663-0	5TL1491-0
5TL1180-0	5TL1280-0	5TL1380-0	5TL1680-0	5TL1492-0
5TL1191-0	5TL1291-0	5TL1391-0	5TL1691-0	
5TL1192-0	5TL1292-0	5TL1392-0	5TL1692-0	

Tekniste data - 5TL

Technical specifications

		5TL1132	5TL1140	5TL1163	5TL1180	5TL1191	5TL1192	
		5TL1232	5TL1240	5TL1263	5TL1280	5TL1291	5TL1292	
		5TL1332	5TL1340	5TL1363	5TL1380	5TL1391	5TL1392	
		5TL1432	5TL1440	5TL1463	5TL1480	5TL1491	5TL1492	
		5TL1632	5TL1640	5TL1663	5TL1680	5TL1691	5TL1692	
Standards		IEC/EN 60947-3 (VDE 0660-107)						
		IEC/EN 60669-1 (VDE 0632-1)						
		EN 60669-1						
Approvals								
Rated operational current I_n	Per conduct. path	A	32	40	63	80	100	125
Rated operational voltage U_n	1-pole	V AC	250					
	Multi-pole	V AC	440					
Rated power dissipation P_v	Per pole, max.	VA	0.7	0.9	2.2	3.5	5.5	8.6
Rated thermal current I_{th}		A	32	40	63	80	100	125
Rated breaking capacity AC-22A	At p.f. = 0.65	A	96	120	196	240	300	375
Rated making capacity AC-22A	At p.f. = 0.65	A	96	120	196	240	300	375
Rated short-circuit making capacity I_{cm}	EN 60269 gL/gG	kA	10					
In conjunction with fuse of the same rated operational current								
Rated impulse withstand voltage U_{imp}		kV	>5					
Clearances	Open contacts	mm	>7					
	Between the poles	mm	>7					
Creepage distances		mm	>7					
Mechanical service life	Switching cycle		20000					
Electrical service life	Switching cycle		10000	5000	1000			
Minimum contact load	V_f , mA		24; 300					
Rated power	1-pole	kW	5	6.5	10	13	16	16
Switching of resistive loads	2-pole	kW	9	11	18	22	28	28
including moderate overload AC-21	3-4-pole	kW	15	15	30	39	48	48
Rated short-time withstand current I_{sw}	Per conducting path at p.f. = 0.7	A	760	950	1500	2700	3400	3400
	up to 0.2 s	A	500	630	1000	1650	2100	2100
	up to 0.5 s	A	400	500	800	1350	1700	1700
	up to 1 s	A	280	350	560	800	1000	1000
(The corresponding rated surge current can be established by multiplying by factor 1.5.)								
Terminals	+screw (Posidriv)		2					
Max. tightening torque	Nm		3.5					
Conductor cross-sections	Rigid	mm ²	1 ... 35			2.5 ... 50		
	Flexible, with end sleeve	mm ²	1 ... 35			2.5 ... 50		
Permissible ambient temperature	°C		-5 ... +40					
Resistance to climate	At 95 % relative humidity	°C	45					
	Acc. to DIN 50015							

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