SIEMENS

Data sheet

3LD2213-0TK51



SENTRON, Switch disconnector 3LD, main switch, 3-pole, lu: 32 A, Operating power / at AC-23 A at 400 V: 11.5 kW, floor mounting with door coupling, rotary operating mechanism, black, 4-hole mounting of the handle

Model	
product brand name	SENTRON
product designation	Switch disconnector
design of the product	Main switch
display version for switch position indicator manual operation	1 ON - 0 OFF
type of switch	Floor mounting with door coupling
design of the actuating element	Short rotary knob
color of the actuating element	black
design of handle	rotary operating mechanism, black
type of the driving mechanism motor drive	No
General technical data	
number of poles	3
size of switch disconnector	2
mechanical service life (operating cycles) typical	100 000
electrical endurance (operating cycles)	
• at AC-23 A at 690 V	6 000
operating frequency maximum	50 1/h
degree of pollution	3
Voltage	
insulation voltage rated value	690 V
surge voltage resistance rated value	6 kV
operating voltage	
at AC rated value	690 V
operating frequency rated value	
• minimum	50 Hz
• maximum	60 Hz
Protection class	
protection class IP	IP65
degree of protection NEMA rating	1, 3R, 4X, 12
protection class IP on the front	IP65
Dissipation	
power loss [W] for rated value of the current at AC in hot operating state per pole	1.8 W
Main circuit	
operational current	
• at AC-21 at 690 V rated value	32 A
• at AC-21 A at 240 V rated value	32 A
• at AC-21 A at 400 V rated value	32 A
• at AC-21 A at 440 V rated value	32 A

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• A1 A C23 A at A90 Vinet value 9 KV • A1 A C23 A at A90 Vinet value 12 KV • • A1 A C23 A at A90 Vinet value 12 KV • • A1 A C23 A at 690 Vinet value 12 KV • • A1 A C23 A at 690 Vinet value 12 KV • • A1 A C23 At 690 Vinet value 12 KV • • A1 A C23 At 690 Vinet value 12 KV • • A1 A C23 At 690 Vinet value 12 KV • • A1 A C23 At 690 Vinet value 12 KV • • A1 A C23 At 690 Vinet value 12 KV • • A1 A C23 At 690 Vinet value 10 KV • • A1 A C23 At 690 Vinet value 10 KV • • A1 A C23 At 690 Vinet value 10 KV • • • A1 A C23 At 690 Vinet value 10 KV • • • • A1 A C23 At 690 Vinet value 10 KV • • • • • • • • • • • • • • • • • • •		
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• at 240 V for combination switch + gG fuse maximum 4.5 kA • at 440 V for combination switch + gG fuse maximum 5 kA • at 690 V for combination switch + gG fuse maximum 5 kA • at 240 V for combination switch + gG fuse maximum 5 kA • at 240 V for combination switch + gG fuse maximum 9 kA2.s • at 440 V for combination switch + gG fuse maximum 9 kA2.s • at 440 V for combination switch + gG fuse maximum 9 kA2.s • at 690 V for combination switch + gG fuse maximum 9 kA2.s • at 690 V for combination switch + gG fuse maximum 9 kA2.s • design of the fuse link • • for short-circuit protection of the main circuit required fuse gL/gG: 40 A • for short-circuit protection of the auxiliary switch required fuse gL/gG: 10 A operational current of upstream fuse rated value 40 A according UL 32 A operating voltage at AC at 50/60 Hz according to UL 508/UL 600 V 60947-4-1 rated value 600 V active power [hp] at AC at 480 V according to UL 508/UL 20 60947-4-1 rated value 20	 at 690 V by gG fuse rated value 	50 kA
• at 440 V for combination switch + gG fuse maximum permissible4.5 kA• at 690 V for combination switch + gG fuse maximum permissible5 kA I2t value with closed switch 9 kA2.s• at 240 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • kA2.s9 kA2.s• at 690 V for combination switch + gG fuse maximum • at 640 V for combination switch + gG fuse maximum • at 640 V for combination switch + gG fuse maximum • for short-circuit protection of the main circuit required • for short-circuit protection of the auxiliary switch required • fuse gL/gG: 10 A32 Aaccording UL • operational current at AC according to UL 508/UL • 60947-4-1 rated value32 Aoperating voltage at AC at 50/60 Hz according to UL 508/UL • 60947-4-1 rated value20active power [hp] at AC at 480 V according to UL 508/UL • 60947-4-1 rated value20	let-through current with closed switch	
• at 690 V for combination switch + gG fuse maximum permissible5 kAI2t value with closed switch9 kA2.s• at 240 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • kA2.s• at 690 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • for short-circuit protection of the main circuit required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • fuse gL/gG: 10 A• operational current of upstream fuse rated value40 Aaccording UL • Operational current at AC according to UL 508/UL 60947-4-1 • for short1 rated value32 Aoperating voltage at AC at 50/60 Hz according to UL 508/UL • 60947-4-1 rated value600 Vactive power [hp] at AC at 480 V according to UL 508/UL • 60947-4-1 rated value20active power [hp] at AC at 600 V according to UL 508/UL • 60947-4-1 rated value20	 at 240 V for combination switch + gG fuse maximum 	4.5 kA
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 for short-circuit protection of the main circuit required for short-circuit protection of the auxiliary switch required fuse gL/gG: 40 A for short-circuit protection of the auxiliary switch required fuse gL/gG: 10 A operational current of upstream fuse rated value 40 A according UL operational current at AC according to UL 508/UL 60947-4-1 32 A operating voltage at AC at 50/60 Hz according to UL 508/UL 600 √ 600 √ 60947-4-1 rated value active power [hp] at AC at 480 V according to UL 508/UL active power [hp] at AC at 600 V according to UL 508/UL 20 	• at 690 V for combination switch + gG fuse maximum	9 kA2.s
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60947-4-1 rated value 20 active power [hp] at AC at 600 V according to UL 508/UL 20 60947-4-1 rated value 20		600 V
60947-4-1 rated value		20
short-time withstand current (SCCR) at 600 V according to 5 kA		20
	short-time withstand current (SCCR) at 600 V according to	5 kA