SIEMENS

Data sheet

3LD2203-0TK53



SENTRON, Switch disconnector 3LD, emergency switching-off switch, 3- pole, lu: 32 A, operating power / at AC-23 A 400 V: 11.5 kW, front-mounted, rotary operating mechanism, Red / yellow, 4-hole mounting of the handle

Model		
product brand name	SENTRON	
product designation	Switch disconnector	
design of the product	EMERGENCY-STOP switch	
display version for switch position indicator manual operation	1 ON - 0 OFF	
type of switch	front mounted	
design of the actuating element	Short rotary knob	
color of the actuating element	red	
design of handle	rotary operating mechanism, red/yellow	
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	

• # A-C3 A at 400 Y rate value 2 A • # A-C33 At 240 Y rate value 5 W • # A-C33 At 240 Y rate value 12 W • # A-C33 At 240 Y rate value 12 W • # A-C33 At 400 Y rate value 5 W • # A-C33 At 400 Y rate value 5 W • # A-C3 at 200 Y rate value 5 W • # A-C3 at 000 Y rate value 9 KW • # A-C3 at 000 Y rate value 9 KW • # A-C3 at 000 Y rate value 9 KW • # A-C3 at 000 Y rate value 9 KW • A C3 at 200 Y rate value 0 • A C3 at 200 Y rate value 0 • A C3 at 200 Y rate value 0 • A C3 at 200 Y rate value 0 • A C3 at 200 Y rate value 0 • A C3 at 200 Y rate value 0 • A C4 20 At 200 Y rate value 0 • A C4 20 At 200 Y rate value 0 • A C4 20 At 200 Y rate value 0 • A C4 20 At 200 Y rate value 0 • A C4 20 At 200 Y rate value 0 • A C4 20 At 200 Y rate value 0 • A C4 20 At 200 Y rate value 0 <th>a at AC 22 A at 400 V rated value</th> <th>22 A</th>	a at AC 22 A at 400 V rated value	22 A
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let-through current with closed switch• at 240 V for combination switch + gG fuse maximum4.5 kA• at 440 V for combination switch + gG fuse maximum5 kA• at 690 V for combination switch + gG fuse maximum5 kA• at 690 V for combination switch + gG fuse maximum9 kA2.s• at 240 V for combination switch + gG fuse maximum9 kA2.s• at 440 V for combination switch + gG fuse maximum9 kA2.s• at 440 V for combination switch + gG fuse maximum9 kA2.s• at 690 V for combination switch + gG fuse maximum9 kA2.s• at 690 V for combination switch + gG fuse maximum9 kA2.s• design of the fuse linkfuse gL/gG: 40 A• for short-circuit protection of the main circuit requiredfuse gL/gG: 10 A• operational current of upstream fuse rated value40 Aaccording UL32 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 400 V according to UL 508/UL 60947-4-1 rated value20	hasp thickness of the bracket locks	
• at 240 V for combination switch + gG fuse maximum4.5 kA• at 440 V for combination switch + gG fuse maximum permissible5 kA• at 690 V for combination switch + gG fuse maximum permissible5 kA• 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 • at 690 V for combination switch + gG fuse maximum • kA2.s9 kA2.sdesign of the fuse link • for short-circuit protection of the main circuit required • for short-circuit protection of the auxiliary switch required 	hasp thickness of the bracket locks Short circuit conditional short-circuit current with line-side fuse	
• at 440 V for combination switch + gG fuse maximum permissible4.5 kA• at 690 V for combination switch + gG fuse maximum permissible5 kA/2t 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 • kA2.s9 kA2.sdesign of the fuse link 	hasp thickness of the bracket locks Short circuit conditional short-circuit current with line-side fuse protection	4 8 mm
• at 690 V for combination switch + gG fuse maximum permissible5 kAI2t value with closed switch9 fuse maximum• at 240 V for combination switch + gG fuse maximum9 kA2.s• at 440 V for combination switch + gG fuse maximum9 kA2.s• at 690 V for combination switch + gG fuse maximum9 kA2.s• at 690 V for combination switch + gG fuse maximum9 kA2.s• at 690 V for combination switch + gG fuse maximum9 kA2.s• design of the fuse link	hasp thickness of the bracket locks Short circuit conditional short-circuit current with line-side fuse protection • at 690 V by gG fuse rated value	4 8 mm
permissibleI2t value with closed switch• at 240 V for combination switch + gG fuse maximum9 kA2.s• at 440 V for combination switch + gG fuse maximum9 kA2.s• at 690 V for combination switch + gG fuse maximum9 kA2.sdesign of the fuse link• for short-circuit protection of the main circuit required• for short-circuit protection of the auxiliary switch required• according ULoperational current at AC according to UL 508/UL 60947-4-10 operating voltage at AC at 50/60 Hz according to UL 508/UL600 V60047-4-1 rated valueactive power [hp] at AC at 480 V according to UL 508/UL60947-4-1 rated valueactive power [hp] at AC at 600 V according to UL 508/UL60947-4-1 rated value	hasp thickness of the bracket locks Short circuit conditional short-circuit current with line-side fuse protection • at 690 V by gG fuse rated value let-through current with closed switch	4 8 mm 50 kA
 at 240 V for combination switch + gG fuse maximum at 440 V for combination switch + gG fuse maximum bat 440 V for combination switch + gG fuse maximum bat 690 V for combination switch + gG fuse maximum bat 690 V for combination switch + gG fuse maximum bat 690 V for combination switch + gG fuse maximum bat 690 V for combination switch + gG fuse maximum bat 690 V for combination switch + gG fuse maximum bat 690 V for combination switch + gG fuse maximum bat 690 V for combination switch + gG fuse maximum bat 690 V for combination switch + gG fuse maximum bat 690 V for combination switch + gG fuse maximum bat 690 V for combination switch + gG fuse maximum bat 690 V for combination switch + gG fuse maximum bat 74.1 rated value 	hasp thickness of the bracket locks Short circuit conditional short-circuit current with line-side fuse protection • at 690 V by gG fuse rated value let-through current with closed switch • at 240 V for combination switch + gG fuse maximum	4 8 mm 50 kA 4.5 kA
 at 440 V for combination switch + gG fuse maximum at 690 V for combination switch + gG fuse maximum b kA2.s design of the fuse link 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	hasp thickness of the bracket locks Short circuit conditional short-circuit current with line-side fuse protection • at 690 V by gG fuse rated value let-through current with closed switch • at 240 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	4 8 mm 50 kA 4.5 kA 4.5 kA
• at 690 V for combination switch + gG fuse maximum9 kA2.sdesign of the fuse linkfuse gL/gG: 40 A• for short-circuit protection of the main circuit requiredfuse gL/gG: 10 A• for short-circuit protection of the auxiliary switch requiredfuse gL/gG: 10 Aoperational current of upstream fuse rated value40 Aaccording UL32 Aoperational current at AC according to UL 508/UL 60947-4-132 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	hasp thickness of the bracket locks Short circuit conditional short-circuit current with line-side fuse protection • at 690 V by gG fuse rated value let-through current with closed switch • at 240 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	4 8 mm 50 kA 4.5 kA 4.5 kA
design of the fuse linkfuse gL/gG: 40 A• for short-circuit protection of the main circuit requiredfuse gL/gG: 10 A• for short-circuit protection of the auxiliary switch requiredfuse gL/gG: 10 Aoperational current of upstream fuse rated value40 Aaccording ULoperational current at AC according to UL 508/UL 60947-4-1operating voltage at AC at 50/60 Hz according to UL 508/UL600 V60947-4-1 rated value20active power [hp] at AC at 480 V according to UL 508/UL20active power [hp] at AC at 600 V according to UL 508/UL20	hasp thickness of the bracket locks Short circuit conditional short-circuit current with line-side fuse protection • at 690 V by gG fuse rated value let-through current with closed switch • at 240 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 • at 690 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 • at 690 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 • at 690 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum	4 8 mm 50 kA 4.5 kA 4.5 kA 5 kA
 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 40 A according UL operational current at AC according to UL 508/UL 60947-4-1 according voltage at AC at 50/60 Hz according to UL 508/UL 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 	hasp thickness of the bracket locks Short circuit conditional short-circuit current with line-side fuse protection • at 690 V by gG fuse rated value let-through current with closed switch • at 240 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 690 V by combination switch + gG fuse maximum • at 240 V for combination switch + gG fuse maximum • at 240 V for combination switch + gG fuse maximum • at 240 V for combination switch + gG fuse maximum • at 240 V for combination switch + gG fuse maximum	4 8 mm 50 kA 4.5 kA 4.5 kA 5 kA 9 kA2.s
• for short-circuit protection of the auxiliary switch requiredfuse gL/gG: 10 Aoperational current of upstream fuse rated value40 Aaccording UL32 Aoperational 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 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	hasp thickness of the bracket locks Short circuit conditional short-circuit current with line-side fuse protection • at 690 V by gG fuse rated value let-through current with closed switch • at 240 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 240 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 • at 240 V for combination switch + gG fuse maximum • at 240 V for combination switch + gG fuse maximum • at 240 V for combination switch + gG fuse maximum • at 240 V for combination switch + gG fuse maximum • at 240 V for combination switch + gG fuse maximum	4 8 mm 50 kA 4.5 kA 4.5 kA 5 kA 9 kA2.s 9 kA2.s
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 60947-4-1 rated value 600 V active power [hp] at AC at 480 V according to UL 508/UL 60947-4-1 rated value 20 active power [hp] at AC at 600 V according to UL 508/UL 60947-4-1 rated value 20	hasp thickness of the bracket locks Short circuit conditional short-circuit current with line-side fuse protection • at 690 V by gG fuse rated value let-through current with closed switch • at 240 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 240 V for combination switch + gG fuse maximum • at 240 V for combination switch + gG fuse maximum • at 240 V for combination switch + gG fuse maximum • at 240 V for combination switch + gG fuse maximum • at 240 V for combination switch + gG fuse maximum • at 240 V for combination switch + gG fuse maximum • at 240 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	4 8 mm 50 kA 4.5 kA 4.5 kA 5 kA 9 kA2.s 9 kA2.s
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 V 60947-4-1 rated value 600 V active power [hp] at AC at 480 V according to UL 508/UL 20 active power [hp] at AC at 600 V according to UL 508/UL 20 active power [hp] at AC at 600 V according to UL 508/UL 20	hasp thickness of the bracket locks Short circuit conditional short-circuit current with line-side fuse protection • at 690 V by gG fuse rated value let-through current with closed switch • at 240 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 240 V for combination switch + gG fuse maximum • at 240 V for combination switch + gG fuse maximum • at 240 V for combination switch + gG fuse maximum • 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 240 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 • at 690 V for combination switch + gG fuse maximum	4 8 mm 50 kA 4.5 kA 4.5 kA 5 kA 9 kA2.s 9 kA2.s 9 kA2.s
operational current at AC according to UL 508/UL 60947-4-1 32 A rated value 32 A operating voltage at AC at 50/60 Hz according to UL 508/UL 600 V 60947-4-1 rated value 20 active power [hp] at AC at 480 V according to UL 508/UL 20 active power [hp] at AC at 600 V according to UL 508/UL 20 60947-4-1 rated value 20	hasp thickness of the bracket locks Short circuit conditional short-circuit current with line-side fuse protection • at 690 V by gG fuse rated value let-through current with closed switch • at 240 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 240 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 240 V for combination switch + gG fuse maximum • at 240 V for combination switch + gG fuse maximum • at 240 V for combination switch + gG fuse maximum • at 240 V for combination switch + gG fuse maximum • 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 • at 690 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	4 8 mm 50 kA 4.5 kA 4.5 kA 5 kA 9 kA2.s 9 kA2.s 9 kA2.s 9 kA2.s 1 fuse gL/gG: 40 A
rated value 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 active power [hp] at AC at 600 V according to UL 508/UL 20 active power [hp] at AC at 600 V according to UL 508/UL 20	hasp thickness of the bracket locks Short circuit conditional short-circuit current with line-side fuse protection • at 690 V by gG fuse rated value let-through current with closed switch • at 240 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 440 V for combination switch + gG fuse maximum • at 240 V for combination switch + gG fuse maximum • at 240 V for combination switch + gG fuse maximum • at 240 V for combination switch + gG fuse maximum • at 240 V for combination switch + gG fuse maximum • at 240 V for combination switch + gG fuse maximum • at 240 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 • at 690 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 • at 690 V for combination switch + gG fuse maximum	4 8 mm 50 kA 4.5 kA 4.5 kA 4.5 kA 9 kA2.s 9 kA2.s 9 kA2.s 9 kA2.s 9 kA2.s 1 kA 1
60947-4-1 rated value 20 active power [hp] at AC at 480 V according to UL 508/UL 20 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	hasp thickness of the bracket locks Short circuit conditional short-circuit current with line-side fuse protection • at 690 V by gG fuse rated value let-through current with closed switch • at 240 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 440 V for combination switch + gG fuse maximum • at 240 V for combination switch + gG fuse maximum • at 240 V for combination switch + gG fuse maximum • at 240 V for combination switch + gG fuse maximum • at 240 V for combination switch + gG fuse maximum • 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 • at 690 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 • at 690 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 • for short-circuit pro	4 8 mm 50 kA 4.5 kA 4.5 kA 4.5 kA 9 kA2.s 9 kA2.s 9 kA2.s 9 kA2.s 9 kA2.s 1 kA 1
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	hasp thickness of the bracket locks Short circuit conditional short-circuit current with line-side fuse protection • at 690 V by gG fuse rated value let-through current with closed switch • at 240 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 440 V for combination switch + gG fuse maximum • at 240 V for combination switch + gG fuse maximum • at 240 V for combination switch + gG fuse maximum • at 240 V for combination switch + gG fuse maximum • 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 • at 690 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 • at 690 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 • at 690 V for combination switch + gG fuse maximum • for short-circuit pro	4 8 mm 50 kA 4.5 kA 4.5 kA 5 kA 9 kA2.s 9 kA2.s 9 kA2.s 10 A 10 A 40 A
60947-4-1 rated value	hasp thickness of the bracket locks Short circuit conditional short-circuit current with line-side fuse protection • at 690 V by gG fuse rated value let-through current with closed switch • at 240 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 440 V for combination switch + gG fuse maximum • at 240 V for combination switch + gG fuse maximum • at 240 V for combination switch + gG fuse maximum • at 240 V for combination switch + gG fuse maximum • 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 • at 690 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 • at 690 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 690 U for sohort-circuit protection of the main circuit required • for short-circuit protection of the auxiliary switch required	4 8 mm 50 kA 4.5 kA 4.5 kA 5 kA 9 kA2.s 9 kA2.s 9 kA2.s 10 A 10 A 10 A 10 A 10 A 10 A
short-time withstand current (SCCR) at 600 V according to 5 kA	hasp thickness of the bracket locks Short circuit conditional short-circuit current with line-side fuse protection • at 690 V by gG fuse rated value let-through current with closed switch • at 240 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 440 V for combination switch + gG fuse maximum • at 240 V for combination switch + gG fuse maximum • at 240 V for combination switch + gG fuse maximum • 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 • at 690 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 • at 690 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 • at 690 U for conclusing switch required • for short-circuit protection of the main circuit required • for short-circuit prote	4 8 mm 50 kA 4.5 kA 4.5 kA 5 kA 9 kA2.s 9 kA2.s 9 kA2.s 9 kA2.s 10 kA2.s 10 kA2.s 10 kA2.s 10 kA2.s 10 kA2.s 10 kA 10 kA2.s 10 kA2.s 10 kA 10 kA2.s 10 kA 10 kA2.s 10 kA 10
	hasp thickness of the bracket locks Short circuit conditional short-circuit current with line-side fuse protection • at 690 V by gG fuse rated value let-through current with closed switch • at 240 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 440 V for combination switch + gG fuse maximum • at 240 V for combination switch + gG fuse maximum • at 240 V for combination switch + gG fuse maximum • 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 • at 690 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 • at 690 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 • for short-circuit protection of the main circuit required • for short-circuit protection of the auxiliary switch required • f	4 8 mm 50 kA 4.5 kA 4.5 kA 5 kA 9 kA2.s 9 kA2.s 9 kA2.s 9 kA2.s 10 kA 10 A 40 A 32 A 600 V 20

UL 508/UL 60947-4-1	
continuous current of upstream fuse according to UL rated	80 A
value	
type of fuse according to UL	RK5
Connections	
AWG number as coded connectable conductor cross section solid maximum	
	8
•	14
type of connectable conductor cross-sections for copper	
conductor	
• solid	1x (1,516mm²)
 finely stranded with core end processing 	1x (1,510mm²)
stranded	1x (1,516mm²)
type of connectable conductor cross-sections for auxiliary contacts	
• solid	lateral auxiliary switch 2x (0,75 2,5mm ²), 1x 4mm ² ; front auxiliary switch 1x (0,75 2,5mm ²)
 finely stranded with core end processing 	lateral auxiliary switch 2x (0,75 1,5mm ²), 1x 2,5mm ² ; front auxiliary switch 1x 2,5mm ²
• stranded	lateral auxiliary switch 2x (0,75 2,5mm ²), 1x 4mm ² ; front auxiliary switch 1x (0,75 2,5mm ²)
type of electrical connection	
 for main current circuit 	box terminal
 for auxiliary contacts 	connection terminals
Mechanical Design	
height	83 mm
width	67 mm
depth	92.5 mm
type of device	fixed mounting
fastening method	Built-in unit fixed-mounted version
fastening method	
4-hole front mounting	Yes
front mounting with central attachment	No
• rail mounting net weight	No 205 a
Environmental conditions	205 g
 ambient temperature during operation minimum 	-25 °C
• maximum	55 °C
ambient temperature during storage	
• minimum	-25 °C
• maximum	55 °C
Approvals Certificates	
General Product Approval	
Contrain Founder Approval	
	Miscellaneous
General Product Ap-	
proval Marine / Shipping	other
Llovds	Confirmation Miscellaneous
DNV URS	PRS
Environment	
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Environmental Con- Environmental Con-	

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http://www.siemens.com/lowvoltage/catalogs

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3LD2203-0TK53

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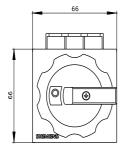
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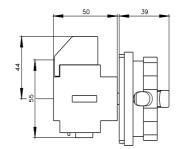
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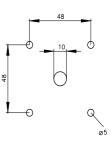
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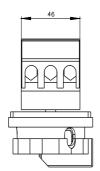
Tender specifications

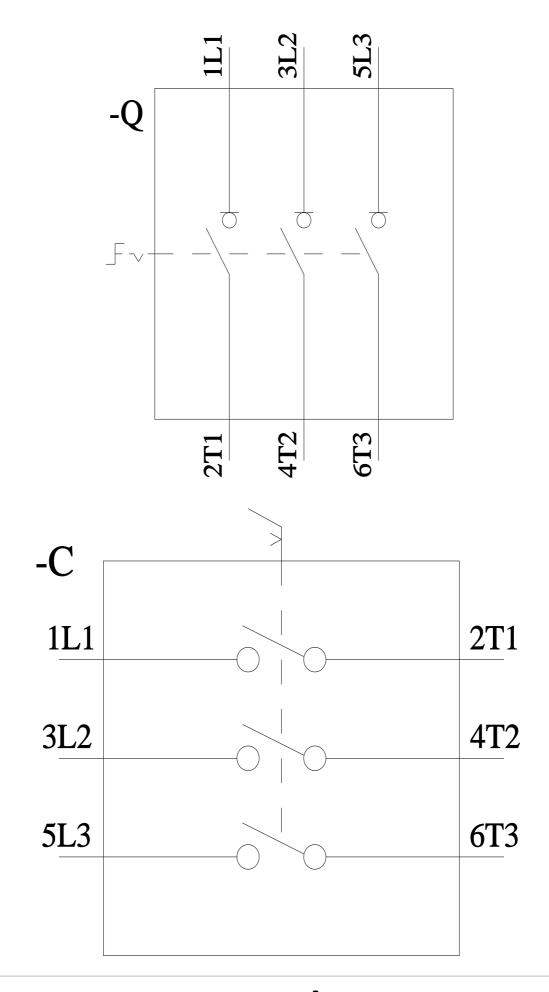
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