SIEMENS

Data sheet

3LD3030-0TL11



Load disconnector 3LD3, Iu 16 A Main switch 3-pole + N Rated operating capacity at AC-23 A at 400V 7.5kW Installation in distribution boards, Basic switch with selector knob black

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	DIN-rail mounting
design of the actuating element	selector switch
color of the actuating element	black
design of handle	knob-operated mechanism, black
type of the driving mechanism motor drive	No
General technical data	
number of poles	4
number of poles note	4
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	IP40
protection class IP on the front	IP40
Dissipation	
power loss [W] for rated value of the current at AC in hot operating state per pole	0.5 W
Main circuit	
operational current	
 at AC-21 at 690 V rated value 	16 A
 at AC-21 A at 240 V rated value 	16 A
• at AC-21 A at 400 V rated value	16 A
 at AC-21 A at 440 V rated value 	16 A
• at AC-23 A at 400 V rated value	16 A

separating power set AC-23 A at A90 V Inter Value S W set AC-23 A at A90 V Inter Value S W set AC-23 A at A90 V Inter Value S W set AC-23 A at A90 V Inter Value S W set AC-23 A at A90 V Inter Value S W set AC-3 at 260 V Inter Value S W set AC-3 at 260 V Inter Value S W set AC-3 at 260 V Inter Value S W set AC-3 at 260 V Inter Value S W set AC-3 at 260 V Inter Value S W set AC-3 at 260 V Inter Value S W set AC-3 at 260 V Inter Value S W set AC-3 at 260 V Inter Value S W set AC-3 at 260 V Inter Value S W set AC-3 at 260 V Inter Value S W set AD-3 at 260 V Inter Value S W set AD-3 at 260 V Inter Value S W set AD-3 at 260 V Inter Value S W set AD-3 at 260 V Inter Value S W set AD-3 at 260 V Inter Value S W set AD-3 at 260 V Inter Value S W set AD-3 at 260 V Inter Value S W set AD-3 at 260 V Inter Value S W		
• # A-23 A # 400 Y mide value 8 KV • # A-23 A # 400 Y inder value 8 KV • # A-23 A # 400 Y inder value 8 KV • # A-23 A # 400 Y inder value 8 KV • # A-23 A # 400 Y inder value 8 KV • # A-23 A # 400 Y inder value 8 KV • # A-23 A # 400 Y inder value 5 KV • # A-23 A # 400 Y inder value 5 KV • # A-23 A # 400 Y inder value 5 KV • # A-23 A # 400 Y inder value 0 • # A-23 A # 400 Y inder value 0 • # A-23 A # 400 Y inder value 0 • # A-23 A # 400 Y inder value 0 • # A-23 A # 400 Y inder value 0 • # A-23 A # 400 Y inder value 0 • # A-23 A # 400 Y inder value 0 • # A-23 A # 400 Y inder value 0 • # A-23 A # 400 Y inder value 0 • # A = A # A # A # A # A # A # A # A # A	operating power	
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 at AC-23 At 800 V rade value b.WV at AC-3 at 400 V rade value b.WV at AC-3 at 400 V rade value b.WV at AC-3 at 400 V rade value b.WV <lib.wv< li=""> b.WV b.WV <li< td=""><td>• at AC-23 A at 400 V rated value</td><td>8 kW</td></li<></lib.wv<>	• at AC-23 A at 400 V rated value	8 kW
• • • • • • • • • • • • • • • • • • •	• at AC-23 A at 440 V rated value	7.5 kW
• e1 AC-3 at 400 Y rated value 5.5 kW Auxiliary circuit 0 number of Constrats for auxiliary contacts 0 number of NC contacts for auxiliary contacts 0 operating values of auxiliary contacts at AC maximum 500 V continuous current of the auxiliary contact at AC maximum 500 V stability for use main switch Yes stability for use main switch Yes stability for use switch disconnector Yes stability for use maintenancripa	• at AC-23 A at 690 V rated value	8 kW
• a1.4C-3 at 690 V roted value 5.5 kW Auxiliary circuit 0 number of NC contacts for auxiliary contacts 0 operating vallage of auxiliary contact at AC maximum 500 V continuous curved of the auxiliary contact at AC maximum 500 V continuous curved of the auxiliary contact at AC maximum 500 V suitability for use and an switch Yes suitability for use and an switch Yes suitability for use and and switch Yes suitability for use and at switch Can be locked in zer	 at AC-3 at 240 V rated value 	3 kW
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suitability for use maintenance/repair switch Yes Product details Special product feature can be locked into CFF position Yes product detains Can be locked in zero position Yes product detains on optional Yes No • wotarge trigger No No • unable of connectable NC contacts for auxiliary contacts 2 attachable maximum 2 number of connectable NC contacts for auxiliary contacts 0 attachable maximum 2 number of connectable NC contacts for auxiliary contacts 0 attachable maximum 2 number of connectable NC contacts for auxiliary contacts 0 attachable maximum 2 number of connectable NC contacts for auxiliary contacts 0 attachable maximum 2 number of concectable NC contacts for auxiliary contacts 0 attachable maximum 2 number of bracket locks maximum 2 attachable maximum 3 kA attachable maximum 3 kA at 440 V by gG hase rated value 6 kA et-th	suitability for use EMERGENCY OFF switch	No
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special product feature Can be locked in zero position product feature can be locked into OFF position Yes product extension optional No • motor drive No • unitage tigger No number of connectable NC contacts for auxiliary contacts 2 attachable maximum No number of connectable OC contacts for auxiliary contacts 4 attachable maximum 2 number of connectable OC contacts for auxiliary contacts 0 attachable maximum 2 hasp thickness of the bracket locks 4 6 mm Short circuit Conditional short-tircuit current with line-side fuse protoction • at 440 V by gG fuse rated value 6 kA let-through current with closed switch 3 kA • at 600 V for combination switch + gG fuse maximum 3 kA • at 440 V for combination switch + gG fuse maximum 2.5 kA2.s • at 440 V for combination switch + gG fuse maximum 3 kA • at 440 V for combination switch + gG fuse maximum 3 kA • at 440 V for combination switch + gG fuse maximum 3 kA • at 440 V for combination switch + gG fuse maxim	suitability for use maintenance/repair switch	Yes
product feature can be locked into OFF position Yes sccessories product extension optional • motor drive No • voltage trigger No number of connectable NC contacts for auxiliary contacts 2 attachable maximum 2 number of connectable NC contacts for auxiliary contacts 4 attachable maximum 2 number of connectable CO contacts for auxiliary contacts 0 attachable maximum 2 hasp thickness of the bracket locks 4 6 mm Short dircuit 0 conditional short-circuit current with line-side fuse protection 0 kA e at 440 V by gG fuse rated value 6 kA let-through current with closed switch 4 e at 240 V for combination switch + gG fuse maximum 3 kA e at 240 V for combination switch + gG fuse maximum 3 kA e at 240 V for combination switch + gG fuse maximum 3 kA e at 240 V for combination switch + gG fuse maximum 3 kA e at 240 V for combination switch + gG fuse maximum 3 kA e at 240 V for combination switch + gG fuse maximum 2.5 kA2.s e at 240 V for combination switch + gG fuse maximum 3 kA e at 240 V for combination switch + gG fuse maximum 2.5 kA2.s e at 240 V for combination switch + gG	Product details	
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product extension optional No • notor drive No • voltage trigger No number of connectable NC contacts for auxiliary contacts 2 attachable maximum 2 number of connectable NO contacts for auxiliary contacts 4 attachable maximum 0 number of connectable NO contacts for auxiliary contacts 0 attachable maximum 2 number of bracket locks maximum 2 hasp thickness of the bracket locks 4 6 mm Short circuit 0 conditional short-circuit current with line-side fuse protection 0 kA • at 440 V by G fuse rated value 10 kA • at 240 V for combination switch + gG fuse maximum 3 kA • at 240 V for combination switch + gG fuse maximum 3 kA • at 240 V for combination switch + gG fuse maximum 2 f kA2.s • at 240 V for combination switch + gG fuse maximum 3 kA • at 240 V for combination switch + gG fuse maximum 3 kA2 • at 240 V for combination switch + gG fuse maximum 3 kA2.s • at 240 V for combination switch + gG fuse maximum 3 kA2.s • at 260 V for combination switch + gG fuse maximum 3 kA2.s • at 260 V for combination switch + gG fuse maximum 3 kA2.s • at 260 V for combination switch + gG fu	product feature can be locked into OFF position	Yes
• motor drive No • voltage trigger No number of connectable NC contacts for auxiliary contacts 2 attachable maximum 4 number of connectable NC contacts for auxiliary contacts 4 number of connectable CO contacts for auxiliary contacts 0 number of connectable CO contacts for auxiliary contacts 0 number of connectable CO contacts for auxiliary contacts 0 number of bracket locks maximum 2 hasp thickness of the bracket locks 4 6 mm Short circuit Conditional short-circuit current with line-side fuse protection • at 440 V by gG fuse rated value 6 kA let-through current with closed switch 3 kA • at 440 V for combination switch + gG fuse maximum 3 kA • at 800 V for combination switch + gG fuse maximum 3 kA • at 800 V for combination switch + gG fuse maximum 3 kA • at 440 V for combination switch + gG fuse maximum 3 kA • at 440 V for combination switch + gG fuse maximum 3 kA • at 440 V for combination switch + gG fuse maximum 3 kA • at 240 V for combination switch + gG fuse maximum 3 kA • at 440 V for combination switch + gG fuse maximum 25 kA2.s • at 440 V for combination switch + gG fuse maximum 26 kA2.s • at 440	accessories	
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number of connectable CO contacts for auxiliary contacts 0 number of bracket locks maximum 2 hasp thickness of the bracket locks 4 6 mm Short circuit 5 conditional short-circuit current with line-side fuse protection 0 kA • at 440 V by gG fuse rated value 10 kA • at 690 V by gG fuse rated value 6 kA let-through current with closed switch 3 kA • at 240 V for combination switch + gG fuse maximum 3 kA • at 240 V for combination switch + gG fuse maximum 3 kA • at 240 V for combination switch + gG fuse maximum 3 kA • at 240 V for combination switch + gG fuse maximum 2.5 kA2.s • at 240 V for combination switch + gG fuse maximum 2.5 kA2.s • at 440 V for combination switch + gG fuse maximum 2.5 kA2.s • at 440 V for combination switch + gG fuse maximum 2.5 kA2.s • at 440 V for combination switch + gG fuse maximum 3 kA • at 440 V for combination switch + gG fuse maximum 2.5 kA2.s • at 440 V for combination switch + gG fuse maximum 2.5 kA2.s • at 690 V for combination switch + gG fuse maximum 1.5 kA2.s • of	number of connectable NO contacts for auxiliary contacts	4
attachable maximum 2 hasp thickness of the bracket locks 4 6 mm Short circuit conditional short-circuit current with line-side fuse protection • at 440 V by gG fuse rated value 10 kA • at 680 V by gG fuse rated value 6 kA let-through current with closed switch 6 kA • at 420 V for combination switch + gG fuse maximum 3 kA • at 440 V for combination switch + gG fuse maximum 3 kA • at 440 V for combination switch + gG fuse maximum 3 kA • at 420 V for combination switch + gG fuse maximum 3 kA • at 420 V for combination switch + gG fuse maximum 3 kA • at 420 V for combination switch + gG fuse maximum 2.5 kA2.s • at 420 V for combination switch + gG fuse maximum 2.5 kA2.s • at 420 V for combination switch + gG fuse maximum 2.5 kA2.s • at 420 V for combination switch + gG fuse maximum 2.5 kA2.s • at 430 V for combination switch + gG fuse maximum 3 kA2.s • at 430 V for combination switch + gG fuse maximum 3 kA2.s • at 430 V for combination switch + gG fuse maximum 3 kA2.s • at 430 V for combination switch + gG fuse maximum 3 kA2.s • at 430 V for combination switch + gG fu		
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Short circuit conditional short-circuit current with line-side fuse protection • at 440 V by gG fuse rated value 10 kA • at 690 V by gG fuse rated value 6 kA let-through current with closed switch 3 kA • at 240 V for combination switch + gG fuse maximum 3 kA • at 480 V for combination switch + gG fuse maximum 3 kA • at 680 V for combination switch + gG fuse maximum 3 kA • at 680 V for combination switch + gG fuse maximum 3 kA • at 240 V for combination switch + gG fuse maximum 2.5 kA2.s • at 240 V for combination switch + gG fuse maximum 2.5 kA2.s • at 240 V for combination switch + gG fuse maximum 2.5 kA2.s • at 680 V for combination switch + gG fuse maximum 3 kA. • at 690 V for combination switch + gG fuse maximum 3 kA2.s design of the fuse link fuse gL/gG: 20 A • for short-circuit protection of the main circuit required fuse gL/gG: 10 A operational current of upstream fuse rated value 16 A according UL gopartional current at AC according to UL 508/UL 600 V 60947:4-1 rated value 600 V 600 V 60947:4-1 rated value 600 V 7.5	number of bracket locks maximum	2
conditional short-circuit current with line-side fuse protection 10 kA • at 490 V by gG fuse rated value 10 kA • at 690 V by gG fuse rated value 6 kA let-through current with closed switch 3 kA • at 490 V for combination switch + gG fuse maximum 3 kA • at 490 V for combination switch + gG fuse maximum 3 kA • at 490 V for combination switch + gG fuse maximum 3 kA • at 690 V for combination switch + gG fuse maximum 3 kA • at 240 V for combination switch + gG fuse maximum 2.5 kA2.s • at 240 V for combination switch + gG fuse maximum 2.5 kA2.s • at 490 V for combination switch + gG fuse maximum 2.5 kA2.s • at 690 V for combination switch + gG fuse maximum 3 kA2.s design of the fuse link fuse gL/gG: 20 A • for short-circuit protection of the main circuit required fuse gL/gG: 10 A operational current of upstream fuse rated value 16 A according UL operational current of upstream fuse rated value 600 V operational current of upstream fuse rated value 600 V 600 V 60947-4-1 rated value 7.5 600 V 60947-4-1 rated value 7.5 600 V	hasp thickness of the bracket locks	4 6 mm
protection 10 kA • at 440 V by gG fuse rated value 10 kA • at 690 V by gG fuse rated value 6 kA let-through current with closed switch 6 kA • at 240 V for combination switch + gG fuse maximum 3 kA • at 440 V for combination switch + gG fuse maximum 3 kA • at 440 V for combination switch + gG fuse maximum 3 kA • at 690 V for combination switch + gG fuse maximum 3 kA • at 240 V for combination switch + gG fuse maximum 2.5 kA2.s • at 240 V for combination switch + gG fuse maximum 2.5 kA2.s • at 240 V for combination switch + gG fuse maximum 2.5 kA2.s • at 440 V for combination switch + gG fuse maximum 3 kA • at 440 V for combination switch + gG fuse maximum 3 kA2.s • at 690 V for combination switch + gG fuse maximum 3 kA2.s • at 690 V for combination switch + gG fuse maximum 3 kA2.s • design of the fuse link fuse gL/gG: 20 A • for short-circuit protection of the main circuit required fuse gL/gG: 10 A operational current at AC according to UL 508/UL 600 V 60947:4-1 rated value 600 V operating voltage at AC at 50/60 Hz according to UL 508/UL 600 V <	Short circuit	
e at 690 V by gG fuse rated value 6 kA let-through current with closed switch 3 kA • at 240 V for combination switch + gG fuse maximum 3 kA • at 440 V for combination switch + gG fuse maximum 3 kA • at 690 V for combination switch + gG fuse maximum 3 kA • at 690 V for combination switch + gG fuse maximum 3 kA • at 240 V for combination switch + gG fuse maximum 2.5 kA2.s • at 440 V for combination switch + gG fuse maximum 2.5 kA2.s • at 440 V for combination switch + gG fuse maximum 2.5 kA2.s • at 690 V for combination switch + gG fuse maximum 3 kA2.s design of the fuse link fuse gL/gG: 20 A • for short-circuit protection of the main circuit required fuse gL/gG: 10 A operational current of upstream fuse rated value 16 A according UL operational current at AC according to UL 508/UL 60947-4-1 operating voltage at AC at 50/60 Hz according to UL 508/UL 60947-4-1 16 A active power [hp] at AC at 480 V according to UL 508/UL 60947-4-1 7.5 active power [hp] at AC at 480 V according to UL 508/UL 60947-4-1 7.5 active power [hp] at AC at 600 V according to UL 508/UL 608/UL		
let-through current with closed switch 3 kA • at 240 V for combination switch + gG fuse maximum 3 kA • at 440 V for combination switch + gG fuse maximum 3 kA • at 440 V for combination switch + gG fuse maximum 3 kA • at 690 V for combination switch + gG fuse maximum 3 kA • at 240 V for combination switch + gG fuse maximum 2.5 kA2.s • at 240 V for combination switch + gG fuse maximum 2.5 kA2.s • at 490 V for combination switch + gG fuse maximum 2.5 kA2.s • at 690 V for combination switch + gG fuse maximum 3 kA • at 690 V for combination switch + gG fuse maximum 3 kA2.s design of the fuse link fuse gL/gG: 20 A • for short-circuit protection of the main circuit required fuse gL/gG: 10 A operational current of upstream fuse rated value 16 A according UL operational current at AC according to UL 508/UL 60947-4-1 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 7.5 active power [hp] at AC at 600 V according to UL 508/UL 10	 at 440 V by gG fuse rated value 	10 kA
• at 240 V for combination switch + gG fuse maximum3 kA• at 440 V for combination switch + gG fuse maximum3 kA• at 690 V for combination switch + gG fuse maximum3 kA• at 690 V for combination switch + gG fuse maximum3 kA• at 240 V for combination switch + gG fuse maximum2.5 kA2.s• at 440 V for combination switch + gG fuse maximum2.5 kA2.s• at 440 V for combination switch + gG fuse maximum3 kA• at 690 V for combination switch + gG fuse maximum3 kA2.s• at 690 V for combination switch + gG fuse maximum3 kA2.s• at 690 V for combination switch + gG fuse maximum3 kA2.s• at 690 V for combination switch + gG fuse maximum3 kA2.s• at 690 V for combination switch + gG fuse maximum1 fuse gL/gG: 20 A• for short-circuit protection of the main circuit requiredfuse gL/gG: 10 A• operational current of upstream fuse rated value16 A• operational current at AC according to UL 508/UL 60947-4-116 A• operational current at AC at 50/60 Hz according to UL 508/UL600 V• 60947-4-1 rated value7.5• active power [hp] at AC at 480 V according to UL 508/UL7.5• active power [hp] at AC at 600 V according to UL 508/UL10	• at 690 V by gG fuse rated value	6 kA
• at 440 V for combination switch + gG fuse maximum 3 kA • at 690 V for combination switch + gG fuse maximum 3 kA i2t value with closed switch 3 kA • at 240 V for combination switch + gG fuse maximum 2.5 kA2.s • at 440 V for combination switch + gG fuse maximum 2.5 kA2.s • at 440 V for combination switch + gG fuse maximum 2.5 kA2.s • at 690 V for combination switch + gG fuse maximum 3 kA • at 690 V for combination switch + gG fuse maximum 3 kA2.s design of the fuse link f use gL/gG: 20 A • for short-circuit protection of the main circuit required fuse gL/gG: 10 A operational current of upstream fuse rated value 16 A according UL operational current at AC according to UL 508/UL 600 V operating voltage at AC at 50/60 Hz according to UL 508/UL 600 V 600 V 7.5 active power [hp] at AC at 480 V according to UL 508/UL 7.5 active power [hp] at AC at 600 V according to UL 508/UL 10	let-through current with closed switch	
• at 690 V for combination switch + gG fuse maximum permissible 3 kA I2t value with closed switch 3 kA • at 240 V for combination switch + gG fuse maximum 2.5 kA2.s • at 440 V for combination switch + gG fuse maximum 2.5 kA2.s • at 690 V for combination switch + gG fuse maximum 3 kA • at 690 V for combination switch + gG fuse maximum 3 kA2.s • at 690 V for combination switch + gG fuse maximum 3 kA2.s design of the fuse link 60 short-circuit protection of the main circuit required • for short-circuit protection of the auxiliary switch required fuse gL/gG: 20 A • for short-circuit protection of the auxiliary switch required fuse gL/gG: 10 A operational current of upstream fuse rated value 16 A according UL 0perational current at AC according to UL 508/UL 60947-4-1 16 A operating voltage at AC at 50/60 Hz according to UL 508/UL 60947-4-1 600 V 60947-4-1 rated value 600 V active power [hp] at AC at 480 V according to UL 508/UL 7.5 600 V active power [hp] at AC at 600 V according to UL 508/UL 7.5 10	-	3 kA
permissible I2t value with closed switch • at 240 V for combination switch + gG fuse maximum 2.5 kA2.s • at 440 V for combination switch + gG fuse maximum 2.5 kA2.s • at 690 V for combination switch + gG fuse maximum 3 kA2.s design of the fuse link - • for short-circuit protection of the main circuit required fuse gL/gG: 20 A • for short-circuit protection of the auxiliary switch required fuse gL/gG: 10 A operational current of upstream fuse rated value 16 A according UL	 at 440 V for combination switch + gG fuse maximum 	3 kA
 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 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 at 600 V according to UL 508/UL 600 V 600 V 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 10 		3 kA
• at 440 V for combination switch + gG fuse maximum 2.5 kA2.s • at 690 V for combination switch + gG fuse maximum 3 kA2.s design of the fuse link 5 fuse gL/gG: 20 A • for short-circuit protection of the main circuit required fuse gL/gG: 10 A operational current of upstream fuse rated value 16 A according UL 0 operating voltage at AC at 50/60 Hz according to UL 508/UL 60947-4-1 16 A active power [hp] at AC at 480 V according to UL 508/UL 608/UL 60947-4-1 7.5 60947-4-1 rated value 7.5 active power [hp] at AC at 600 V according to UL 508/UL 10 10	I2t value with closed switch	
• at 440 V for combination switch + gG fuse maximum 2.5 kA2.s • at 690 V for combination switch + gG fuse maximum 3 kA2.s design of the fuse link 5 fuse gL/gG: 20 A • for short-circuit protection of the main circuit required fuse gL/gG: 10 A operational current of upstream fuse rated value 16 A according UL 0 operating voltage at AC at 50/60 Hz according to UL 508/UL 60947-4-1 16 A active power [hp] at AC at 480 V according to UL 508/UL 608/UL 60947-4-1 7.5 60947-4-1 rated value 7.5 active power [hp] at AC at 600 V according to UL 508/UL 10 10	• at 240 V for combination switch + gG fuse maximum	2.5 kA2.s
design of the fuse link • for short-circuit protection of the main circuit required fuse gL/gG: 20 A • for short-circuit protection of the auxiliary switch required fuse gL/gG: 10 A operational current of upstream fuse rated value 16 A according UL 0perational current at AC according to UL 508/UL 60947-4-1 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 7.5 60947-4-1 rated value 10		2.5 kA2.s
 for short-circuit protection of the main circuit required for short-circuit protection of the auxiliary switch required fuse gL/gG: 20 A for short-circuit protection of the auxiliary switch required fuse gL/gG: 10 A operational current of upstream fuse rated value 16 A according UL operational current at AC according to UL 508/UL 60947-4-1 for A for value for short-circuit protection of the auxiliary switch required fuse gL/gG: 10 A fuse gL/gG: 10 A for A 	• at 690 V for combination switch + gG fuse maximum	3 kA2.s
 for short-circuit protection of the auxiliary switch required fuse gL/gG: 10 A operational current of upstream fuse rated value 16 A according UL operational current at AC according to UL 508/UL 60947-4-1 rated value operating voltage at AC at 50/60 Hz according to UL 508/UL 600 V 60947-4-1 rated value active power [hp] at AC at 480 V according to UL 508/UL 508/UL 7.5 active power [hp] at AC at 600 V according to UL 508/UL 10 	design of the fuse link	
operational current of upstream fuse rated value 16 A according UL 0 operational current at AC according to UL 508/UL 60947-4-1 16 A rated value 16 A operating voltage at AC at 50/60 Hz according to UL 508/UL 60947-4-1 600 V 60947-4-1 rated value 600 V active power [hp] at AC at 480 V according to UL 508/UL 60947-4-1 7.5 active power [hp] at AC at 600 V according to UL 508/UL 10 10	 for short-circuit protection of the main circuit required 	fuse gL/gG: 20 A
according UL operational current at AC according to UL 508/UL 60947-4-1 rated value 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 7.5 active power [hp] at AC at 600 V according to UL 508/UL 10	• for short-circuit protection of the auxiliary switch required	fuse gL/gG: 10 A
operational current at AC according to UL 508/UL 60947-4-1 16 A rated value 600 V operating voltage at AC at 50/60 Hz according to UL 508/UL 600 V active power [hp] at AC at 480 V according to UL 508/UL 7.5 60947-4-1 rated value 7.5 active power [hp] at AC at 600 V according to UL 508/UL 10	operational current of upstream fuse rated value	16 A
rated value 600 V operating voltage at AC at 50/60 Hz according to UL 508/UL 600 V 60947-4-1 rated value 7.5 active power [hp] at AC at 480 V according to UL 508/UL 7.5 active power [hp] at AC at 600 V according to UL 508/UL 10	according UL	
60947-4-1 rated value 7.5 active power [hp] at AC at 480 V according to UL 508/UL 7.5 60947-4-1 rated value 10		16 A
60947-4-1 rated value active power [hp] at AC at 600 V according to UL 508/UL 10		600 V
		7.5
		10

other Environment	
Confirmation UK CE CE-Konf.	
Confirmation UK CC	
General Product Approval	
provals Certificates	
• maximum	55 °C
• minimum	-25 °C
mbient temperature during storage	
• maximum	55 °C
• minimum	-25 °C
mbient temperature during operation	
vironmental conditions	
net weight	200 g
rail mounting	Yes
front mounting with central attachment	No
4-hole front mounting	No
astening method	
astening method	Built-in unit fixed-mounted version
ype of device	fixed mounting
lepth	77 mm
vidth	49 mm
eight	60 mm
echanical Design	
 for auxiliary contacts 	Box terminals
for main current circuit	box terminal
ype of electrical connection	
• stranded	2x (0.75 2.5 mm²), 1x 4 mm²
 finely stranded with core end processing 	2x (0.75 1.5 mm²), 1x 2.5 mm²
• solid	2x (0.75 2.5 mm²), 1x 4 mm²
ontacts	
• stranged ype of connectable conductor cross-sections for auxiliary	
 finely stranded with core end processing stranded 	1x (2.516 mm²) 1x (2.5 to 16 mm²)
solid finally stranded with core and processing	1x (2.5 to 16 mm ²)
ype of connectable conductor cross-sections for copper conductor	$1 \times (2.5 \pm 0.16 \text{ mm}^2)$
•	14
•	6
WG number as coded connectable conductor cross section solid maximum	
nnections	
ype of fuse according to UL	RK5
alue	
continuous current of upstream fuse according to UL rated	50 A

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

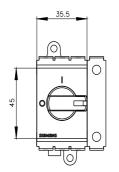
https://support.industry.siemens.com/cs/ww/en/ps/3LD3030-0TL11

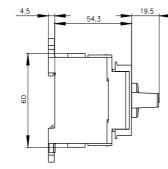
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3LD3030-0TL11

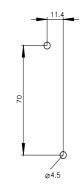
CAx-Online-Generator http://www.siemens.com/cax

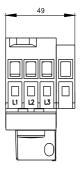
Tender specifications

http://www.siemens.com/specifications









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6/20/2023 🖸