SIEMENS

Data sheet 3LD3040-0TK11



Load disconnector 3LD3, lu 16 A Main switch 3-pole Rated operating capacity at AC-23 A at 400V 7.5kW floor mounting Basic switch with door coupling Central hole mounting 22.5mm Toggle drive black 48x48 mm

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	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	3	
number of poles note	3	
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	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 A-22 A at 4:00 V rated value 5 kW * at A-22 A at 4:00 V rated value 5 kW * at A-23 A at 4:00 V rated value 7.5 kW * at A-23 A at 4:00 V rated value 7.5 kW * at A-23 at 4:00 V rated value 8 kW * at A-23 at 4:00 V rated value 8 kW * at A-23 at 2:00 V rated value 9 kW * at A-23 at 2:00 V rated value 9 kW * at A-23 at 2:00 V rated value 9 kW * at A-23 at 2:00 V rated value 9 kW * at A-23 at 2:00 V rated value 5.5 kW Anatisery circuit **survivor of CO contacts for auxiliary contacts 0 **survivor of CO contacts for auxiliary contacts 0 **survivor of CO contacts for auxiliary contacts 0 **survivor of NO contacts for auxiliary sortion rated value 00 A **survivor of NO contacts for auxiliary sortion rated value 00 A **survivor of NO contacts for auxiliary contacts 0 **survivor of NO contacts for auxiliary sortion rated value 00 A **survivor of NO contacts for auxiliary sortion rated value 00 A **sutiability for use switch disconnector Yes **sutiability for use safety switch Yes **sutiability for use maintenance/repair switch Yes **sutiability for use maintenance/repair switch Yes **sutiability for use safety switch Yes **sutiability for use maintenance/repair switch Yes **sutiability for use safety switch Yes **sutiab	1.0.000 0.1.4000 1/1.1.1.1	40.4
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suitability for use maintenance/repair switch Product details special product feature can be locked into OFF position Product seture can be locked into OFF position Product extension optional Indicate the setup of	suitability for use EMERGENCY OFF switch	No
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product extension optional • motor drive • voltage trigger number of connectable NC contacts for auxiliary contacts attachable maximum number of connectable NC contacts for auxiliary contacts attachable maximum number of connectable NC contacts for auxiliary contacts attachable maximum number of connectable CO contacts for auxiliary contacts attachable maximum number of bracket locks maximum number of bracket locks maximum 2 hasp thickness of the bracket locks Short circuit conditional short-circuit current with line-side fuse protection • at 440 V by gG fuse rated value • at 690 V by Gc fuse rated value • 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 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 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 • 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 fus	product feature can be locked into OFF position	Yes
• motor drive • voltage trigger • number of connectable NC contacts for auxiliary contacts attachable maximum number of connectable NO contacts for auxiliary contacts attachable maximum number of connectable CO contacts for auxiliary contacts attachable maximum number of connectable CO contacts for auxiliary contacts attachable maximum number of bracket locks maximum 2 hasp thickness of the bracket locks Short circuit conditional short-circuit current with line-side fuse protection • at 440 V by gG fuse rated value • at 690 V by GG fuse rated value • at 690 V by GG fuse rated value • at 690 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 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 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 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 ma	Accessories	
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Conditional short-circuit current with line-side fuse protection at 440 V by gG fuse rated value at 690 V by gG fuse rated value but 10 kA 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 permissible 12t value with closed switch 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 640 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 at 640 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 at 640 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 at 640 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 at 640 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 at 640 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 at 640 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 at 640 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 at 640 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 at 640 V for combination switch + gG fuse maximum at 640 V for	number of bracket locks maximum	2
conditional short-circuit current with line-side fuse protection • at 440 V by gG fuse rated value • at 690 V by gG fuse rated value • at 240 V for combination switch + gG fuse maximum • at 240 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 permissible 12t 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 for short-circuit protection of the main circuit required operational current of upstream fuse rated value 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 active power (hp) at AC at 480 V according to UL 508/UL 60947-4-1 rated value 7.5	hasp thickness of the bracket locks	4 6 mm
protection • at 440 V by gG fuse rated value • at 690 V by gG fuse rated value • at 690 V by gG fuse rated value • at 240 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 permissible 12t value with closed switch • 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 • 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 • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • fuse gL/gG: 20 A • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protecti	Short circuit	
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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 440 V for combination switch + gG fuse maximum be at 690 V for combination switch + gG fuse maximum permissible lit value with closed switch 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 be at 690 V for combination switch + gG fuse maximum at 690 V for combination switch + gG fuse maximum be at 690 V for combination switch + gG fuse maximum be at 690 V for combination switch + gG fuse maximum be at 690 V for combination switch + gG fuse maximum be at 690 V for combination switch + gG fuse maximum be at 690 V for combination switch + gG fuse maximum be at 690 V for combination switch + gG fuse maximum be at 690 V for combination switch + gG fuse maximum be at 690 V for combination switch + gG fuse maximum comparting of the fuse link be for short-circuit protection of the main circuit required be for short-circuit protection of the auxiliary switch required be fuse gL/gG: 20 A fuse gL/gG: 20 A fuse gL/gG: 10 A coperational current of upstream fuse rated value coperational current at AC according to UL 508/UL 60947-4-1 according UL coperational current at AC according to UL 508/UL 60947-4-1 according UL coperational current at AC according to UL 508/UL 60947-4-1 according UL coperational current at AC according to UL 508/UL 60947-4-1 according UL coperational current at AC according to UL 508/UL 60947-4-1 according UL coperational current at AC according to UL 508/UL 60947-4-1 according UL coperational current at AC according to UL 508/UL 60947-4-1 coperational current at AC according to UL 508/UL 60947-4-1 coperational current at AC according to UL 508/UL 60947-4-1 coperational current at AC accor	protection	
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 permissible 12t value with closed switch • 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 • 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: 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 rated value operating voltage at AC at 50/60 Hz according to UL 508/UL 600 V 600 V 7.5	 at 440 V by gG fuse rated value 	40.14
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 permissible I2t value with closed switch 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 short-circuit protection of the main circuit required af 691 fuse gL/gG: 20 A fuse gL/gG: 10 A fuse gL/gG: 10 A poperational 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 active power [hp] at AC at 480 V according to UL 508/UL 60947-4-1 rated value 7.5		
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at 690 V for combination switch + gG fuse maximum permissible I2t value with closed switch	let-through current with closed switch	6 kA
Izt value with closed switch	let-through current with closed switch • at 240 V for combination switch + gG fuse maximum	6 kA 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 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 operational current of upstream fuse rated value 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 active power [hp] at AC at 480 V according to UL 508/UL 60947-4-1 rated value 7.5 	et-through current with closed switch • at 240 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum	6 kA 3 kA 3 kA
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at 690 V for combination switch + gG fuse maximum 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 operational current of upstream fuse rated value 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 active power [hp] at AC at 480 V according to UL 508/UL foosty Carlon fuse gL/gG: 20 A fuse gL/gG: 10 A fuse gL/gG:	et-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 permissible	6 kA 3 kA 3 kA
design of the fuse link ● for short-circuit protection of the main circuit required ● for short-circuit protection of the auxiliary switch required 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 60947-4-1 rated value active power [hp] at AC at 480 V according to UL 508/UL 60947-4-1 rated value 7.5	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 permissible 12t value with closed switch 12t value 12t value	6 kA 3 kA 3 kA
• for short-circuit protection of the main circuit required • for short-circuit protection of the auxiliary switch required operational current of upstream fuse rated value 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 operating voltage at AC at 480 V according to UL 508/UL 60947-4-1 rated value 7.5	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 permissible 12t value with closed switch • at 240 V for combination switch + gG fuse maximum	6 kA 3 kA 3 kA 3 kA 2.5 kA2.s
	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 permissible let value with closed switch at 240 V for combination switch + gG fuse maximum at 440 V for combination switch + gG fuse maximum	6 kA 3 kA 3 kA 3 kA 2.5 kA2.s 2.5 kA2.s
operational current of upstream fuse rated value 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 active power [hp] at AC at 480 V according to UL 508/UL 60947-4-1 rated value 7.5	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 permissible let value 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	6 kA 3 kA 3 kA 3 kA 2.5 kA2.s 2.5 kA2.s
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 60947-4-1 rated value 7.5	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 permissible 12t value 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	6 kA 3 kA 3 kA 3 kA 2.5 kA2.s 2.5 kA2.s 3 kA2.s
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 active power [hp] at AC at 480 V according to UL 508/UL 60947-4-1 rated value 7.5	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 permissible l2t value 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 design of the fuse link • for short-circuit protection of the main circuit required	6 kA 3 kA 3 kA 3 kA 2.5 kA2.s 2.5 kA2.s 3 kA2.s
rated value operating 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 60947-4-1 rated value 7.5	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 permissible let value 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 design of the fuse link • for short-circuit protection of the main circuit required • for short-circuit protection of the auxiliary switch required	6 kA 3 kA 3 kA 3 kA 2.5 kA2.s 2.5 kA2.s 3 kA2.s fuse gL/gG: 20 A fuse gL/gG: 10 A
active power [hp] at AC at 480 V according to UL 508/UL 60947-4-1 rated value 7.5	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 permissible l2t value 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 design of the fuse link • for short-circuit protection of the main circuit required • for short-circuit protection of the auxiliary switch required operational current of upstream fuse rated value	6 kA 3 kA 3 kA 3 kA 2.5 kA2.s 2.5 kA2.s 3 kA2.s fuse gL/gG: 20 A fuse gL/gG: 10 A
60947-4-1 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 permissible l2t value 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 design of the fuse link • for short-circuit protection of the main circuit required • for short-circuit protection of the auxiliary switch required operational current of upstream fuse rated value according UL operational current at AC according to UL 508/UL 60947-4-1	6 kA 3 kA 3 kA 3 kA 2.5 kA2.s 2.5 kA2.s 3 kA2.s fuse gL/gG: 20 A fuse gL/gG: 10 A 16 A
active power [hp] at AC at 600 V according to UL 508/UL	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 permissible l2t value 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 design of the fuse link • for short-circuit protection of the main circuit required • for short-circuit protection of the auxiliary switch required operational current of upstream fuse rated value 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	6 kA 3 kA 3 kA 3 kA 2.5 kA2.s 2.5 kA2.s 3 kA2.s fuse gL/gG: 20 A fuse gL/gG: 10 A 16 A
	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 permissible l2t value 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 design of the fuse link • for short-circuit protection of the main circuit required • for short-circuit protection of the auxiliary switch required operational current of upstream fuse rated value 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 active power [hp] at AC at 480 V according to UL 508/UL	6 kA 3 kA 3 kA 2.5 kA2.s 2.5 kA2.s 3 kA2.s fuse gL/gG: 20 A fuse gL/gG: 10 A 16 A 16 A

60947-4-1 rated value	
short-time withstand current (SCCR) at 600 V according to UL 508/UL 60947-4-1	5 kA
continuous current of upstream fuse according to UL rated value	50 A
type of fuse according to UL	RK5
Connections	
AWG number as coded connectable conductor cross section solid maximum	
•	6
•	14
type of connectable conductor cross-sections for copper conductor	
• solid	1x (2.5 to 16 mm²)
 finely stranded with core end processing 	1x (2.516 mm²)
stranded	1x (2.5 to 16 mm²)
type of connectable conductor cross-sections for auxiliary contacts	
• solid	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
• stranded	2x (0.75 2.5 mm²), 1x 4 mm²
type of electrical connection	
• for main current circuit	box terminal
 for auxiliary contacts 	Box terminals
Mechanical Design	
height	60 mm
width	36 mm
depth	380 mm
type of device	fixed mounting
fastening method	Built-in unit fixed-mounted version
fastening method	
 4-hole front mounting 	No
 front mounting with central attachment 	Yes
rail mounting	Yes
Net Weight	329 g
Environmental conditions	
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	othor

General Product Approval















Environment other

> Environmental Con-firmations Confirmation

Environmental Con-firmations

Information on the packaging

https://support.industry.siemens.com/cs/ww/en/view/109813875

Information for data generation and storage

https://support.industry.siemens.com/cs/ww/en/view/109995012

Information- and Downloadcenter (Catalogs, Brochures,...)

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

Industry Mall (Online ordering system)

 $\underline{https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3LD3040-0TK11}$

Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3LD3040-0TK11

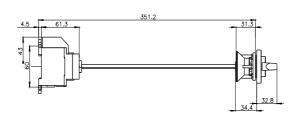
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3LD3040-0TK11

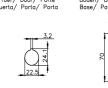
CAx-Online-Generator

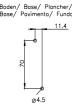
Tender specifications

http://www.siemens.com/specifications











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