SIEMENS

Data sheet 3LD3030-0TK13



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

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	DIN-rail mounting
design of the actuating element	selector switch
color of the actuating element	red
design of handle	knob-operated mechanism, red/yellow
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	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

e at AC-223 A at 400 V rated value 8 kW 1 AC-223 A at 400 V rated value 8 kW 1 AC-223 A at 400 V rated value 8 kW 1 AC-23 A at 400 V rated value 8 kW 1 AC-23 A at 600 V roted value 8 kW 1 AC-23 A at 600 V roted value 8 kW 1 AC-23 A at 600 V roted value 8 kW 1 AC-23 A at 600 V roted value 8 kW 1 AC-23 A at 600 V roted value 9 kW 1 AC-23 A at 600 V roted value 1 AC-23 A at 600 V roted va		
e at AC-23 A at 400 V rated value 7.5 kW 8 kW 9 e AC-23 A at 400 V rated value 8 kW 9 e AC-23 A at 400 V rated value 8 kW 9 e AC-23 at 200 V rated value 8 kW 9 e AC-23 at 200 V rated value 9 kW 9 e AC-23 A at 500 V rated value 9 kW 9 e AC-23 A at 500 V rated value 9 kW 9 e AC-23 A at 500 V rated value 9 kW 9 e AC-23 A at 500 V rated value 9 kW 9 e AC-23 A at 500 V rated value 9 kW 9 e AC-23 A at 500 V rated value 9 kW 9 e AC-23 A at 500 V rated value 9 kW 9 e AC-23 A at 500 V rated value 9 kW 9 e AC-23 A at 500 V rated value 9 kW 9 e AC-23 A at 500 V 9 e AC-23 A at 500		
e at AC-23 at 440 V rated value	 at AC-23 A at 240 V rated value 	3 kW
e at AC-3 at 400 V rated value	 at AC-23 A at 400 V rated value 	8 kW
e at AC-3 at 240 Y rated value e at AC-3 at 90 V rated value e at AC-3 at 90 V rated value 5.5 kW Auxiliary circuit number of CO contacts for auxiliary contacts 0 number of NC contacts for auxiliary contacts 0 number of NC contacts for auxiliary contacts 0 operating voltage of auxiliary contact at AC maximum 500 V continuous current of the auxiliary contact at AC was for auxiliary contact set and value insulation voltage of the auxiliary contact at AC was for auxiliary contact set and value suitability for use main switch 4 suitability for use main switch 4 suitability for use switch disconnector 4 suitability for use maintenancerepair switch 7 yes suitability for use safety switch 8 suitability for use maintenancerepair switch 7 yes suitability for use safety switch 9 suitability for use maintenancerepair switch 7 yes suitability for use maintenancerepair switch 7 yes suitability for use maintenancerepair switch 7 yes suitability for use safety switch 9 suitability for use safety switch 9 yes suitability for use safety switch 9	at AC-23 A at 440 V rated value	7.5 kW
e at AC-3 at 400 V rated value e at AC-3 at 400 V rated value 5.5 kW Auxiliary circuit number of ICO contacts for auxiliary contacts 0 number of ICO contacts for auxiliary contacts 0 number of ICO contacts for auxiliary contacts 0 poperating voltage of auxiliary contacts at AC maximum 500 V continuous current of the auxiliary contact rated value insulation voltage of the auxiliary contact rated value suriability suriability for use main switch 498 suriability for use main switch 498 suriability for use switch disconnector Yes suriability for use switch disconnector Yes suriability for use main switch Yes suriability for use main switch Yes suriability for use main switch Yes suriability for use switch disconnector Yes suriability for use main switch Yes suriability for use safety switch No	 at AC-23 A at 690 V rated value 	8 kW
author of Coordacts for auxiliary contacts number of CO contacts for auxiliary contacts number of NC contacts for auxiliary contacts number of NC contacts for auxiliary contacts operating voltage of auxiliary contacts at AC maximum south of NC contacts for auxiliary contact at AC according to Ut. Season. operating voltage and auxiliary contact at AC according to Ut. Season. operating voltage and auxiliary contact and value final south of NC contacts for auxiliary contact and value since the south of NC contacts for auxiliary contact and value suitability for use main switch Ves. suitability for use main switch Ves. suitability for use safety switch Ves. product feature can be locked into OFF position yes. product feature can be locked into OFF position Yes. product feature can be locked into OFF position Yes. **Cossories** product feature can be locked into OFF position Yes. **Cossories** product feature can be locked into OFF position Yes. **Cossories* product feature can be locked into OFF position Yes. **Cossories* product feature can be locked into OFF position Yes. **Cossories* product feature can be locked into OFF position **No **No **Cossories* number of connectable OC contacts for auxiliary contacts attachable maximum number of connectable OC contacts for auxiliary contacts attachable maximum 2	 at AC-3 at 240 V rated value 	3 kW
Auxiliary activity number of CO contacts for auxiliary contacts number of NC contacts of auxiliary contacts number of NC contacts of auxiliary contacts number of NC contacts of auxiliary contact sate of contacts and contacts of NC maximum continuous current of the auxiliary contact rated value number of notine sate of NC contacts of NC maximum suitability for use main switch suitability for use switch disconnector suitability for use switch disconnector suitability for use switch disconnector suitability for use sately switch Yes suitability for use sately switch Yes suitability for use sately switch Yes suitability for use main switch Yes suitability for use main for the NC contacts of	 at AC-3 at 400 V rated value 	6 kW
number of CO contacts for auxiliary contacts number of NC contacts for auxiliary contacts number of NC contacts for auxiliary contacts operating voltage of auxiliary contacts at AC maximum continuous current of the auxiliary contacts at AC maximum foothing contacts and activate which insulation voltage of the auxiliary switch rated value suitability for use anin switch guitability for use main switch suitability for use main switch yes suitability for use maintenance/repair switch yes suitability for use maintenance/repair switch yes guitability for use maintenance/repair switch yes product details special product feature Can be locked in zero position product feature can be locked into OFF position yes special product feature product setting optional more 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 NC contacts for auxiliary contacts attachable maximum number of pracket locks maximum number of bracket locks maximum number of bracket locks maximum attachable maximum number of pracket locks maximum at 40 V by gG fuse rated value at 40 V by gG fuse rated value at 40 V by gG fuse rated value at 40 V by Groenbination switch + gG fuse maximum at 40 V by Groenbination switch + gG fuse maximum at 40 V by Groenbination switch + gG fuse maximum at 40 V by Groenbination switch + gG fuse maximum at 40 V by Groenbination switch + gG fuse maximum at 40 V by Groenbination switch + gG fuse maximum at 40 V by Groenbination switch + gG fuse maximum at 40 V by Groenbination switch + gG fuse maximum at 40 V by Groenbination switch + gG fuse maximum at 40 V by Groenbination switch + gG fuse maximum at 40 V by Groenbination switch + gG fuse ma	 at AC-3 at 690 V rated value 	5.5 kW
number of NC contacts for auxiliary contacts 0 poyrating voltage of auxiliary contacts at AC maximum continuous current of the auxiliary switch rated value insulation voltage of the auxiliary switch rated value suitability for use main switch suitability for use switch disconnector suitability for use switch switch yes suitability for use switch switch suitability for use switch switch yes suitability for use switch yes suitability switch yes	Auxiliary circuit	
number of NC contacts for auxiliary contacts 0 poyrating voltage of auxiliary contacts at AC maximum continuous current of the auxiliary switch rated value insulation voltage of the auxiliary switch rated value suitability for use main switch suitability for use switch disconnector suitability for use switch switch yes suitability for use switch switch suitability for use switch switch yes suitability for use switch yes suitability switch yes	number of CO contacts for auxiliary contacts	0
number of NO contacts for auxiliary contacts at AC according to Utilize of auxiliary contacts at AC according to Utilize of auxiliary contact at AC according to Utilize with old A insulation voltage of the auxiliary switch rated value 500 V Suitability suitability for use main switch 7 yes 3 suitability for use main switch 7 yes 3 suitability for use switch disconnector 7 yes 3 suitability for use saint switch 7 yes 3 suitability for use saint yes writch 7 yes 3 suitability for use saintenance/ropair switch 7 yes 7 suitability for use saintenance/ropair switch 8 yes 7 suitability		0
operating voltage of auxiliary contacts at AC maximum 500 V confinuous current of the auxiliary contact rated value 500 V suitability misulation voltage of the auxiliary contact rated value 500 V suitability for use switch disconnector Yes suitability for use switch disconnector Yes suitability for use switch disconnector Yes suitability for use anity switch Yes suitability for use anity switch Yes suitability for use maintenance/repair switch Yes product feature product feature Secondary of the switch of	-	
continuous current of the auxiliary contact rated value insulation voltage of the auxiliary switch rated value 500 V suitability suitability for use main switch Suitability to use which disconnector Yes suitability for use switch disconnector Yes suitability to use switch disconnector Yes suitability to use saintenancerepair switch Yes suitability to use maintenancerepair switch Yes you suitability to use maintenancerepair switch Yes you will the suitable will be suitable will to use maintenancerepair switch Yes you will be suitable will to use maintenancerepair switch Yes you will you see witch you will you will you you will you		
Insulation voltage of the auxiliary switch rated value Suitability for use main switch Yes suitability for use switch disconnector Yes suitability for use safety switch Yes suitability for use main switch Yes suitability for use maintenance/repair switch Yes suitability for use maintenance/repair switch Yes suitability for use maintenance/repair switch Yes Product details special product feature product feature an be locked into OFF position Yes **Construction** **Product extension optional** **In most of we's **No **No **No **No **No **No **In most of we's **No *		
Suitability for use main switch suitability for use SMERGENCY OFF switch suitability for use SMERGENCY OFF switch suitability for use safety switch yes suitability for use maintenance/repair switch Yes Product detairs special product feature Can be locked in zero position yes cocssories product teature can be locked into OFF position **Cocssories** product extension optional **motor drive** **voltage trigger number of connectable NC contacts for auxiliary contacts statchable maximum number of connectable NC contacts for auxiliary contacts statchable maximum number of connectable NC contacts for auxiliary contacts statchable maximum number of connectable NC contacts for auxiliary contacts statchable maximum number of connectable NC contacts for auxiliary contacts statchable maximum number of bracket locks maximum 2 hasp thickness of the bracket locks **Indeed Cocontacts of the		
suitability for use switch disconnactor suitability for use SeMERCENCY OFF switch suitability for use sed style switch suitability for use safety switch yes suitability for use safety switch yes suitability for use safety switch yes Product destruce special product feature product feature product feature can be locked into OFF position yes coassories product extension optional motor drive voltage trigger No 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 according to UL 508/UL 80947-4-1 rated value operational current at AC according to UL 508/UL 80947-4-1 rated value each of the position of the main circuit required for short-circuit potection of the main circuit required for short-circuit protection of the main circuit required for short-circuit protectio		300 V
suitability for use SMRCRENCY OFF switch Suitability for use SMRCRENCY OFF switch Suitability for use Safety switch Suitability for use safety switch Yes Suitability for use maintenance/repair switch Yes Special product feature Can be locked in zero position Yes SCCSSSOTISS Product extension optional * motor drive voltage trigger No No number of connectable NC contacts for auxiliary contacts statachable maximum number of connectable NC contacts for auxiliary contacts statachable maximum number of connectable NC contacts for auxiliary contacts statachable maximum number of connectable NC contacts for auxiliary contacts statachable maximum number of connectable NC contacts for auxiliary contacts statachable maximum number of connectable NC contacts for auxiliary contacts statachable maximum number of connectable NC contacts for auxiliary contacts statachable maximum number of connectable NC contacts for auxiliary contacts statachable maximum number of connectable NC contacts for auxiliary contacts statachable maximum number of connectable NC contacts for auxiliary contacts statachable maximum number of connectable NC contacts for auxiliary contacts statachable maximum number of connectable NC contacts for auxiliary contacts statachable maximum 2 tatachable maximum 2 tatachable maximum 2 thickness of the bracket locks 3 thin in the same state of the same stat		V
suitability for use safety switch yes suitability for use safety switch yes product details special product feature product feature can be locked into OFF position yes 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 Co 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 connectable Co contacts for auxiliary contacts attachable maximum number of pracket locks maximum number of bracket locks maximum number of bracket locks maximum attachable maximum number of bracket locks maximum number of bracket locks maximum attachable maximum number of bracket locks maximum attachable maximum number of bracket locks maximum attachable ma	·	
suitability for use safety switch Product details special product feature product feature product feature can be locked into OFF position Product extension optional motor drive voltage trigger number of connectable NC contacts for auxiliary contacts statehable maximum number of connectable NC contacts for auxiliary contacts statehable maximum number of connectable NC contacts for auxiliary contacts statehable maximum number of connectable NC contacts for auxiliary contacts statehable maximum number of connectable NC contacts for auxiliary contacts statehable maximum 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 • at 690 V by gG fuse rated value • at 240 V for combination switch + gG fuse maximum • at 460 V for combination switch + gG fuse maximum • at 460 V for combination switch + gG fuse maximum • at 460 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 240 V for combination switch + gG fuse maximum • at 25 KA2.s • at 240 V for combination switch + gG fuse maximum • at 250 V for combination switch + gG fuse maximum • at 250 V for combination switch + gG fuse maximum • at 250 V for combination switch + gG fuse maximum • at 250 V for combination switch + gG fuse maximum • at 250 V for combination switch + gG fuse maximum • at 250 V for combination switch + gG fuse maximum • at 250 V for combination switch + gG fuse maximum • at 250 V for combination switch + gG fuse maximum • at 250 V for combination switch + gG fuse maximum • at 250 V for combination switch + gG		
suitability for use maintenance/repair switch Product details special product feature product stemsion 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 NC contacts for auxiliary contacts attachable maximum number of bracket locks maximum at 440 V by gG fuse rated value at 480 V by gG fuse rated value at 480 V by gG fuse rated value at 480 V for combination switch + gG fuse maximum at 440 V for		
product feature Can be locked into OFF position Yes Can be locked in zero position		
special product feature can be locked into OFF position Yes product feature can be locked into OFF position Yes 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 CO 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 12 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 • at 680 V by gG fuse rated value • at 480 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 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 680 V for combination switch + gG fuse maximum • at 680 V for combination switch + gG fuse maximum • at 680 V for combination switch + gG fuse maximum • at 680 V for combination switch + gG fuse maximum • at 680 V for combination switch + gG fuse maximum • at 680 V for combination switch + gG fuse maximum • at 680 V for combination switch + gG fuse maximum • at 680 V for combination switch + gG fuse maximum • at 680 V for combination switch + gG fuse maximum • at 680 V for combination switch + gG fuse maximum • at 680 V for combination switch + gG		Yes
product feature can be locked into OFF position coccessories product extension optional motor drive voltage trigger No number of connectable NC 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 No 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 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 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 • for short-circuit protection of the auxiliary contacts fuse gL/gG: 20 A fuse gL/gG: 20 A fuse gL/gG: 20 A fuse gL/gG: 20 A fuse gL/gG: 10 A poperational current at AC according to UL 508/UL 600 V	Product details	
product extension optional • motor drive • votage trigger number of connectable NC contacts for auxillary contacts attachable maximum number of connectable NO contacts for auxillary contacts attachable maximum number of connectable CO contacts for auxillary contacts attachable maximum number of connectable CO contacts for auxillary contacts attachable maximum number of connectable CO contacts for auxillary contacts attachable maximum number of bracket locks maximum 2 hasp thickness of the 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 • at 690 V by gG 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 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 ma	special product feature	Can be locked in zero position
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 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 • at 240 V for combination switch + gG fuse maximum 2 at 840 V for combination switch + gG fuse maximum 2 at 840 V for combination switch + gG fuse maximum 2 at 840 V for combination switch + gG fuse maximum 3 kA 3 kA 12t value with closed switch • at 240 V for combination switch + gG fuse maximum 2 at 840 V for combination switch + gG fuse maximum 3 kA 3 kA 4 conditional switch + gG fuse maximum 3 kA 3 kA 4 conditional switch + gG fuse maximum 4 at 840 V for combination switch + gG fuse maximum 5 kA2.8 2 conditional switch + gG fuse maximum 4 to 80 V for combination switch + gG fuse maximum 5 kA2.8 4 design of the fuse link 6 for short-circuit protection of the main circuit required 5 for short-circuit protection of the auxiliary switch required 6 fuse gL/gG: 20 A 6 fuse gL/gG: 10 A 7 fuse gL/gG: 10 A 8 fuse gL/gG: 1	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 NC contacts for auxiliary contacts attachable maximum number of connectable CO contacts for auxiliary contacts attachable maximum number of bracket locks of 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 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 permissible 12t value with closed switch • at 240 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse	accessories	
• 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 bracket locks maximum 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 • at 690 V by gG fuse rated value • at 240 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 490 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 • 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	product extension optional	
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 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 • at 690 V by gG fuse rated value • 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 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 sw	motor drive	No
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 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 • at 590 V by gG 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 440 V for combination switch + gG fuse maximum • at 490 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 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 • fuse gL/gG: 20 A • fuse gL/gG: 10 A • operational current of upstream fuse rated value • 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	voltage trigger	No
attachable maximum number of connectable NO 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 890 V by gG fuse rated value • at 890 V by gG 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 permissible Izt 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 2.5 kA2.s • 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		2
attachable maximum number of connectable CO contacts for auxiliary contacts attachable maximum 2 hasp thickness of the bracket locks		
attachable maximum 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 • at 690 V by gG fuse rated value • at 690 V by gG fuse rated value • 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 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 440 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • for short-circuit protection of the main circuit required • for short-circuit protection of the main circuit required • 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 • 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 requir		4
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 240 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 490 V for combination switch + gG fuse maximum permissible 12t value with closed switch • at 240 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 operational current of upstream fuse rated value according UL operational current at AC 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 active power [hp] at AC at 600 V according to UL 508/UL active power [hp] at AC at 600 V according to UL 508/UL active power [hp] at AC at 600 V according to UL 508/UL active power [hp] at AC at 600 V according to UL 508/UL active power [hp] at AC at 600 V according to UL 508/UL		0
Short circuit conditional short-circuit current with line-side fuse protection e at 440 V by gG fuse rated value e at 690 V by gG fuse rated value fet-through current with closed switch e 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 e at 240 V for combination switch + gG fuse maximum at 440 V for combination switch + gG fuse maximum e 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 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 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 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 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	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 • 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 Izt 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 • 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-L 100	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 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 permissible Izt value with closed switch • 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 • 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 • 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 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 active power [hp] at AC at 600 V according to UL 508/UL 10	Short circuit	
at 440 V by gG fuse rated value 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 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 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 galled at 440 V according to the sum of		
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 permissible let value with closed switch 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 be at 690 V for combination switch + gG fuse maximum at 690 V for short-circuit protection of the main circuit required be for short-circuit protection of the auxiliary switch required operational current of upstream fuse rated value 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 active power [hp] at AC at 600 V according to UL 508/UL active power [hp] at AC at 600 V according to UL 508/UL 10	•	10 kA
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 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 • 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 active power [hp] at AC at 600 V according to UL 508/UL 10		
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 440 V for combination switch + gG fuse maximum at 4690 V for combination switch + gG fuse maximum at 480 V for combination switch + gG fuse maximum begins of the fuse link at 690 V for combination switch + gG fuse maximum at 690 V for combination switch + gG fuse maximum begins of the fuse link at 690 V for combination switch + gG fuse maximum begins of the fuse link at 690 V for combination switch + gG fuse maximum begins of the fuse link at 690 V for combination switch + gG fuse maximum begins of the fuse link at 690 V for combination switch + gG fuse maximum begins of the fuse gL/gG: 20 A begins of the fuse gL/gG: 20 A begins of the fuse gL/gG: 10 A begins of the f	· ·	U MA
at 440 V for combination switch + gG fuse maximum at 690 V for combination switch + gG fuse maximum permissible Izt 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	5	2 kA
at 690 V for combination switch + gG fuse maximum permissible Izt value with closed switch	· ·	
Izt value with closed switch		
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 • 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 • fuse gL/gG: 20 A fuse gL/gG: 10 A f		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 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 600 V 600 V 7.5 600 V 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 active power [hp] at AC at 600 V according to UL 508/UL 10	·	
 at 440 V for combination switch + gG fuse maximum 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 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 508/UL 60947-4-1 rated value active power [hp] at AC at 600 V according to UL 508/UL 10 		2.5 k∆2 s
 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 fuse gL/gG: 10 A 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 active power [hp] at AC at 600 V according to UL 508/UL 10		
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 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 active power [hp] at AC at 600 V according to UL 508/UL 10		
• 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 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 active power [hp] at AC at 600 V according to UL 508/UL 10		3 KAZ.S
		form of (nO. 00 A
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 active power [hp] at AC at 600 V according to UL 508/UL 10		* *
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 active power [hp] at AC at 600 V according to UL 508/UL active power [hp] at AC at 600 V according to UL 508/UL 10		
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 active power [hp] at AC at 600 V according to UL 508/UL active power [hp] at AC at 600 V according to UL 508/UL 10		16 A
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 active power [hp] at AC at 600 V according to UL 508/UL 10		
active power [hp] at AC at 480 V according to UL 508/UL 60947-4-1 rated value active power [hp] at AC at 600 V according to UL 508/UL 10		16 A
active power [hp] at AC at 600 V according to UL 508/UL 10		600 V
		7.5
		10

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	77 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 	No
rail mounting	Yes
net weight	200 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





Confirmation







other Environment

<u>Confirmation</u> <u>Miscellaneous</u> <u>Environmental Con-</u> <u>firmations</u> <u>firmations</u>

Further information

Information on the packaging

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

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

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

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3LD3030-0TK13

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

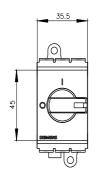
https://support.industry.siemens.com/cs/ww/en/ps/3LD3030-0TK13

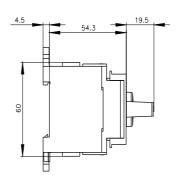
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3LD3030-0TK13

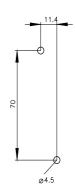
CAx-Online-Generator http://www.siemens.com/cax

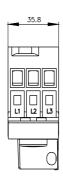
Tender specifications

http://www.siemens.com/specifications









last modified:

6/20/2023