SIEMENS

Data sheet 3LD2113-3VK51



SENTRON, Switch disconnector 3LD, main switch, 6-pole, lu: 25 A, Operating power / at AC-23 A at 400 V: 9.5 kW, floor mounting with door coupling, rotary operating mechanism, black, 4-hole mounting of the handle

Model		
product brand name	SENTRON	
product designation	3LD Switch disconnector	
design of the product	Main switch	
display version / for switch position indicator manual operation	1 ON - 0 OFF	
design of the actuating element	Short rotary knob	
design of handle	rotary operating mechanism, black	
type of the driving mechanism / motor drive	No	
General technical data		
number of poles	6	
type of device	fixed mounting	
type of switch	Floor mounting with door coupling	
size of switch disconnector	2	
mechanical service life (switching cycles) / typical	100 000	
electrical endurance (switching cycles)		
• at AC-23 A / at 690 V	6 000	
I2t value / with closed switch / at 690 V / for combination switch + gG fuse / maximum	4 kA2.s	
let-through I2t value / with closed switch / at 440 V / for combination switch + gG fuse / maximum	4 kA2.s	
operating frequency / maximum	50 1/h	
Voltage		
insulation voltage / rated value	690 V	
surge voltage resistance / rated value	6 kV	
Protection class		
protection class IP	IP65	
degree of protection NEMA rating	1, 3R, 4X, 12	
protection class IP / on the front	IP65	
Dissipation		
power loss [W]		
 for rated value of the current / at AC / in hot operating state / per pole 	1.1 W	
per conductor / typical	1 W	
Current		
operational current		
• at 40 °C / rated value	25 A	
 at 45 °C / rated value 	25 A	
 at 50 °C / rated value 	25 A	
• at 55 °C / rated value	25 A	

	- at AC / rated value	3F A
e at AC-21 An 1890 V / rated value 25 A e at AC-21 A / at 440 V / rated value 25 A e at AC-21 A / at 440 V / rated value 25 A e at AC-21 A / at 440 V / rated value 25 A extended of the provision of the state o	at AC 23 A / at 400 V / restand value	25 A
e at AC-21 At at 440 V I rated value Jethnough current / or upstream fuse / rated value Jethnough current / with closed switch at 440 V I for combination switch + gG fuse / at 460 V I for combination switch + gG fuse / at 460 V I for combination switch + gG fuse / at 460 V I for combination switch + gG fuse / at AC-23 A / at 240 V I rated value at AC-23 A / at 240 V I rated value at AC-23 A / at 240 V I rated value at AC-23 A / at 400 V I rated value at AC-23 A / at 400 V I rated value at AC-23 A / at 400 V I rated value at AC-3 / at 240 V I rated value at AC-3 / at 400 V I rated value at AC-3 /		
perational current / of upstream tisse / rated value tet-through current / with ciseed switch at 400 / for combination switch + gG fuse /		
let-through current / with closed switch + at 44 V/ 1 for combination switch + gG fuse / at 44 V/ 1 for combination switch + gG fuse / assimum + at 98 V / 1 for combination switch + gG fuse / assimum + at 98 V / 1 for combination switch + gG fuse / assimum + at 98 V / 1 for combination switch + gG fuse / assimum permissuble 4 kA 4 k		
at 440 V / for combination switch + gG fuse / maximum at 690 V / for combination switch + gG fuse / maximum permissible Main circuit operating power at AC 23 A / at 240 V / rated value at AC 23 A / at 240 V / rated value 10 kW at AC 23 A / at 440 V / rated value 10 kW at AC 23 A / at 440 V / rated value 10 kW at AC 23 A / at 440 V / rated value 10 kW at AC 23 A / at 490 V / rated value 20 kW at AC 23 A / at 490 V / rated value 21 kW at AC 3 / at 490 V / rated value 22 kA 23 kW at AC 3 / at 490 V / rated value 25 kA 24 kW 25 kW 25 kW 26 kW 26 kW 27 kW 26 kW 27 kW 27 kW 27 kW 28 kW 29 carrier / rated value 25 kA 24 kW 25 kW 25 kW 25 kW 25 kW 26 kW 26 kW 26 kW 27 kW 26 kW 27 kW 27 kW 28 kW 28 kW 28 kW 29 k	· · · · · · · · · · · · · · · · · · ·	25 A
maximum expressible Main circuit operating power et AC-23 A / at 40 V / rated value et AC-23 A / at 440 V / rated value et AC-23 A / at 440 V / rated value et AC-23 A / at 440 V / rated value et AC-23 A / at 40 V / rated value et AC-23 A / at 40 V / rated value et AC-23 A / at 40 V / rated value et AC-23 A / at 40 V / rated value et AC-23 A / at 40 V / rated value et AC-23 A / at 40 V / rated value et AC-3 / at 40 V / rated value et AC-3 / at 40 V / rated value et AC-3 / at 40 V / rated value et AC-3 / at 40 V / rated value et AC-3 / at 40 V / rated value et AC-3 / at 40 V / rated value et AC-3 / at 600 V / rated value et AC-3 / at 600 V / rated value et AC-3 / at 600 V / rated value et AC-3 / at 600 V / rated value et AC-3 / at 600 V / rated value et AC-3 / at 600 V / rated value et AC-3 / at 600 V / rated value et AC-3 / at 600 V / rated value et AC-3 / at 600 V / rated value et AC-3 / at 600 V / rated value et AC-3 / at 600 V / rated value et AC-3 / at 600 V / rated value number of NC contacts / for auxiliary contacts o number of NC contacts / for auxiliary contacts o number of NC contacts / for auxiliary contacts o number of NC contacts / for auxiliary contacts o number of NC contacts / for auxiliary contacts o number of NC contacts / for auxiliary contacts o number of NC contacts / for auxiliary contacts o number of NC contacts / for auxiliary contacts o number of NC contacts / for auxiliary contact / rated value et a 600 V / ge 600 V / g	3	0.51.4
an at 800 V / for combination switch + gG fuse / maximum permissible main circuit operating power at AC-23 A / at 400 V / rated value at AC-23 A / at 400 V / rated value at AC-23 A / at 400 V / rated value at AC-23 A / at 400 V / rated value at AC-23 A / at 400 V / rated value at AC-23 A / at 400 V / rated value at AC-23 A / at 400 V / rated value at AC-31 at 240 V / rated value at AC-31 at 800 V / rated value at AC-31 at 800 V / rated value at AC-31 at 800 V / rated value perational current / rated value 25 A Auxiliary circuit number of CO contacts / for auxiliary contacts number of NC contacts / for auxiliary contacts continuous current / of the auxiliary switch / rated value suitability suitability suitability to use main switch safety switch safety switch safety switch real to the current / with incomplete incomplet	•	3.5 KA
maximum permissible Main circuit operating power at AC-23 A / at 440 V / rated value at AC-23 A / at 440 V / rated value at AC-23 A / at 440 V / rated value at AC-33 A / at 90 V / rated value at AC-31 at 230 V / rated value perational current / rated value product details product details product details product extension / optional mumber of bracket locks / maximum pasp thickness / of the bracket locks / maximum pasp thickness / of the bracket locks / maximum product extension / optional motor drive voltage friger No No perational current / at AC / according to UL poerational current / at AC / according to UL poerational current / at AC / at 50/0 / according to UL poerational current / at AC / according to UL poerational current / at AC / according to UL poeration values and value value product extension / optional motor drive voltage friger No No perational current / at AC / according to UL poeration values and value value peration values and value value		4 kΔ
operating power at AC-23 A / at 240 V / rated value at AC-23 A / at 400 V / rated value at AC-23 A / at 400 V / rated value at AC-23 A / at 400 V / rated value at AC-3 / at 240 V / rated value at AC-3 / at 240 V / rated value at AC-3 / at 240 V / rated value at AC-3 / at 240 V / rated value at AC-3 / at 250 V / rated value at AC-3 / at 250 V / rated value at AC-3 / at 250 V / rated value at AC-3 / at 250 V / rated value at AC-3 / at 250 V / rated value 7.5 kW operational current / rated value 25 A Auxillary circuit 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 contact / rated value insulation voltage / of the auxiliary switch / rated value solutability sultability for use a main switch a safety switch b switch disconnector EMERCENCY OFF switch c safety switch residence color / of the actualing element black Product datails product feature c can be locked into OFF position velage frigger No Appearance color / of the actualing element black Product datails product feature c no be locked into OFF position we voltage frigger No No voltage frigger No No voltage frigger No No voltage frigger No Sobrot circuit conditional short-circuit current / with line-side fuse product contain or circuit current / with line-side fuse product contain or circuit current / with line-side fuse product contain or circuit current / with line-side fuse product contain or circuit current / with line-side fuse product contain or circuit current / with line-side fuse product contain or circuit current / with line-side fuse product contain or circuit current / with line-side fuse product contains or circuit current / with line-side fuse product contains or circuit current / with line-side fuse product contains or circuit current / with line-side fuse product contains or circuit current / with line-side fuse product contains or circuit current		7 10 1
* at AC-23 A / at 440 V / rated value	Main circuit	
* at AC-23 A / at 440 V / rated value		
• at AC-23 A / at 400 V / rated value • at AC-23 A / at 400 V / rated value • at AC-23 A / at 600 V / rated value • at AC-3 / at 2600 V / rated value • at AC-3 / at 2600 V / rated value • at AC-3 / at 2600 V / rated value • at AC-3 / at 400 V / rated value • at AC-3 / at 400 V / rated value • at AC-3 / at 690 V / rated value • at AC-3 / at 690 V / rated value poperational current / rated value 25 A Auxiliary circuit number of CC 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 continuous current / of the auxiliary contacts / at AC / maximum suitability for use • main switch • waitch disconnector • EMERGENCY OFF switch • waitch disconnector • EMERGENCY OFF switch • safety switch • safety switch • maintenance/repair switch • safety switch • maintenance/repair switch • can be locked into OFF position number of the actuating element Product details product feature • can be locked into OFF position number of bracket locks / maximum hasp thickness / of the bracket locks / maximum product extension / optional • woltager interest / with line-side fuse protection • at 600 V by gG fuse / rated value 50 kA Seconding UL operational current / at AC / at according to UL 500/UL 50047-4-1 / rated value poperational current / at AC / at 480 V / according to UL 500/UL 50047-4-1 / rated value colve power play of at AC / at 480 V / according to UL 5000L 50041-6047-4-1 / rated value poperational current / at AC / at 600 V / according to UL 5000L 50041-6047-4-1 / rated value short-line withstand current (SCCR) / at 600 V / according to UL 5000L 50041-6047-4-1 / rated value		5 kW
at AC-23 A / at 440 V / rated value at AC-23 A / at 590 V / rated value at AC-23 A / at 590 V / rated value 4 A KW 4 A C-3 / at 400 V / rated value 5 A KW 5 A C-3 / at 400 V / rated value 5 A KW 5 A C-3 / at 400 V / rated value 7 S KW operational current / rated value 25 A Austinary 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 number of NC contacts / for auxiliary contacts 0 operating voltage / of auxiliary contacts 10 operating voltage / of auxiliary contacts / at C / maximum continuous current / of the auxiliary contact / rated value 10 A insulation voltage / of the auxiliary switch / rated value 500 V Suitability		
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• at AC-3 / at 690 V / rated value		
operational current / rated value 25 A Auxiliary circuit number of CO contacts / for auxiliary contacts number of NC contacts / for auxiliary contacts 0 number of NC contacts / for auxiliary contacts 0 number of NO contacts / for auxiliary contacts 0 operating voltage / of auxiliary contact / at AC / maximum continuous current / of the auxiliary contact / rated value insulation voltage / of the auxiliary switch / rated value insulation voltage / of the auxiliary switch / rated value **Out of the auxiliary switch / rated value **outability for use **omain switch **oma		
Auxillary circuit number of CO contacts / for auxiliary contacts number of NO contacts / for auxiliary contacts number of NO contacts / for auxiliary contacts operating voltage / of auxiliary contacts / at AC / maximum continuous current / of the auxiliary contact / rated value insulation voltage / of the auxiliary switch / rated value suitability suitability for use • main switch • switch disconnector • safety switch • safety switch • safety switch • naintenance/repair switch Appearance color / of the actuating element Product detaits product detaits product feature • can be locked into OFF position number of bracket locks / maximum hasp thickness / of the bracket locks / minimum hasp thickness / of the bracket locks / maximum product extension / optional • motor drive • voltage trigger Short circuit conditional short-circuit current / with line-side fuse protection • at 800 V / by gG fuse / rated value scive power (pn) / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power (pn) / at AC / at 480 V / according to UL 508/UL 60947-4-1 / rated value active power (pn) / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power (pn) / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power (pn) / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power (pn) / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power (pn) / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value		
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number of NO contacts / for auxiliary contacts operating voltage / of auxiliary contacts / at AC / maximum 500 V continuous current / of the auxiliary contacts / at AC / maximum 500 V suitability auxiliary contact / rated value 500 V Suitability for use • main switch Yes • switch disconnector Yes • switch disconnector Yes • switch disconnector Yes • maintenance/repair switch Yes • namintenance/repair switch Yes • namintenance/repa		
operating voltage / of auxiliary contacts / at AC / maximum continuous current / of the auxiliary contact / rated value insulation voltage / of the auxiliary switch / rated value Suitability suitabi		
continuous current / of the auxiliary contact / rated value insulation voltage / of the auxiliary switch / rated value Suitability suitability suitability for use • main switch • switch disconnector • EMERGENCY OFF switch • safety switch • safety switch • safety switch • maintenance/repair switch • yes Appearance color / of the actuating element Product details product details product feature • can be locked into OFF position number of bracket locks / maximum hasp thickness / of the bracket locks / minimum hasp thickness / of the bracket locks / maximum product extension / optional • motor drive • voltage trigger Short circuit conditional short-circuit current / with line-side fuse protection • at 690 V / by gG fuse / rated value scording UL operational current / at AC / at coording 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 scord (508/UL 60947-4-1 / rated value active power [hp.] at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value scord-flow withstand current (5CCR) at 600 V / according to UL 508/UL 60947-4-1 / rated value scord-flow withstand current (5CCR) at 600 V / according to UL 508/UL 60947-4-1 / rated value scord-flow withstand current (5CCR) at 600 V / according to UL 508/UL 60947-4-1 / rated value scord-flow withstand current (5CCR) at 600 V / according to UL 508/UL 60947-4-1 / rated value	·	
Insulation voltage / of the auxiliary switch / rated value Suitability suitability for use • main switch • switch disconnector • Seffey switch • safety switch • maintenance/repair switch • safety switch • maintenance/repair switch Appearance color / of the actuating element • can be locked into OFF position number of bracket locks / maximum hasp thickness / of the bracket locks / minimum hasp thickness / of the bracket locks / maximum product extension / optional • motor drive • voltage trigger Short circuit conditional short-circuit current / with line-side fuse protection • at 690 V / by gG fuse / 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 4600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value		
Suitability suitability for use • main switch • switch disconnector • EMERGENCY OFF switch • safety switch • maintenance/repair switch • maintenance/repair switch • maintenance/repair switch • resemble of the actuating element Product details product details product feature • can be locked into OFF position number of bracket locks / maximum nasp thickness / of the bracket locks / minimum hasp thickness / of the bracket locks / minimum • manumer of the cytic of the bracket locks / maximum product extension / optional • motor drive • voltage trigger Short circuit conditional short-circuit current / with line-side fuse protection • at 690 V / by gG fuse / rated value according UL 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 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 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value short-time withstand current (SCCR) / at 600 V / according 5 kA		
suitability for use • main switch • switch disconnector • EMERGENCY OFF switch • safety switch • safety switch • maintenance/repair switch Product details product feature • can be locked into OFF position number of bracket locks / maximum hasp thickness / of the bracket locks / minimum hasp thickness / of the bracket locks / maximum product extension / optional • motor drive • voltage trigger Short circuit conditional short-circuit current / with line-side fuse protection • at 690 V / by gG 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 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 480 V / 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 480 V / 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 480 V / according to UL 508/UL 60947-4-1 / rated value short-time withstand current (SCCR) / at 600 V / according 5 KA		500 V
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Appearance color / of the actuating element black Product details product feature • can be locked into OFF position number of bracket locks / maximum hasp thickness / of the bracket locks / minimum hasp thickness / of the bracket locks / maximum product extension / optional • motor drive • voltage trigger Short circuit conditional short-circuit current / with line-side fuse protection • at 690 V / by gG fuse / rated value soperating 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 60947-4-1 / rated value short-time withstand current (SCCR) / at 600 V / according to UL 508/UL 60947-4-1 / rated value	-	
color / of the actuating element Product details product feature • can be locked into OFF position number of bracket locks / maximum hasp thickness / of the bracket locks / minimum hasp thickness / of the bracket locks / maximum nasp thickness / of the bracket locks / maximum e motor drive • woltage trigger No Short circuit conditional short-circuit current / with line-side fuse protection • at 690 V / by gG 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 60947-4-1 / rated value short-time withstand current (SCCR) / at 600 V / according 5 kA	maintenance/repair switch	Yes
Product details product feature • can be locked into OFF position number of bracket locks / maximum hasp thickness / of the bracket locks / minimum hasp thickness / of the bracket locks / maximum 8 mm product extension / optional • motor drive • voltage trigger No Short circuit conditional short-circuit current / with line-side fuse protection • at 690 V / by gG 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 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value short-time withstand current (SCCR) / at 600 V / according 5 kA	Appearance	
product feature	color / of the actuating element	black
ocan be locked into OFF position number of bracket locks / maximum hasp thickness / of the bracket locks / minimum hasp thickness / of the bracket locks / maximum product extension / optional omotor drive voltage trigger No Short circuit conditional short-circuit current / with line-side fuse protection otat 690 V / by gG fuse / rated value seconding 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 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value short-time withstand current (SCCR) / at 600 V / according 5 kA	Product details	
number of bracket locks / maximum hasp thickness / of the bracket locks / minimum hasp thickness / of the bracket locks / minimum moroduct extension / optional motor drive voltage trigger No Short circuit conditional short-circuit current / with line-side fuse protection at 690 V / by gG fuse / rated value secording 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 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value short-time withstand current (SCCR) / at 600 V / according 5 kA	product feature	
hasp thickness / of the bracket locks / minimum hasp thickness / of the bracket locks / maximum product extension / optional motor drive voltage trigger No Short circuit conditional short-circuit current / with line-side fuse protection at 690 V / by gG fuse / rated value soperational 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 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value short-time withstand current (SCCR) / at 600 V / according 5 kA	can be locked into OFF position	Yes
hasp thickness / of the bracket locks / maximum product extension / optional motor drive voltage trigger No Short circuit conditional short-circuit current / with line-side fuse protection at 690 V / by gG fuse / rated value soperational 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 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value short-time withstand current (SCCR) / at 600 V / according 5 kA	number of bracket locks / maximum	
product extension / optional ● motor drive No Short circuit conditional short-circuit current / with line-side fuse protection ● at 690 V / by gG fuse / rated value according UL operational current / at AC / according to UL 508/UL operational current / at AC / at 50/60 Hz / according to UL operating voltage / at AC / at 50/60 Hz / according to UL 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 60947-4-1 / rated value short-time withstand current (SCCR) / at 600 V / according 5 kA		3
motor drive voltage trigger Short circuit conditional short-circuit current / with line-side fuse protection at 690 V / by gG fuse / rated value 50 kA 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 60947-4-1 / rated value short-time withstand current (SCCR) / at 600 V / according 5 kA	hasp thickness / of the bracket locks / minimum	
 ◆ voltage trigger Short circuit conditional short-circuit current / with line-side fuse protection ◆ at 690 V / by gG fuse / rated value 50 kA 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 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value short-time withstand current (SCCR) / at 600 V / according 5 kA 		4 mm
Short circuit conditional short-circuit current / with line-side fuse protection • at 690 V / by gG fuse / rated value 50 kA 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 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value short-time withstand current (SCCR) / at 600 V / according 5 kA	hasp thickness / of the bracket locks / maximum	4 mm
conditional short-circuit current / with line-side fuse protection ■ at 690 V / by gG fuse / rated value 50 kA 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 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value short-time withstand current (SCCR) / at 600 V / according 5 kA	hasp thickness / of the bracket locks / maximum product extension / optional	4 mm 8 mm
protection • at 690 V / by gG fuse / rated value 50 kA 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 60947-4-1 / rated value short-time withstand current (SCCR) / at 600 V / according 5 kA	hasp thickness / of the bracket locks / maximum product extension / optional motor drive	4 mm 8 mm No
protection • at 690 V / by gG fuse / rated value 50 kA 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 60947-4-1 / rated value short-time withstand current (SCCR) / at 600 V / according 5 kA	hasp thickness / of the bracket locks / maximum product extension / optional motor drive voltage trigger	4 mm 8 mm No
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 60947-4-1 / rated value short-time withstand current (SCCR) / at 600 V / according 5 kA	hasp thickness / of the bracket locks / maximum product extension / optional	4 mm 8 mm No
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 60947-4-1 / rated value short-time withstand current (SCCR) / at 600 V / according 5 kA	hasp thickness / of the bracket locks / maximum product extension / optional • motor drive • voltage trigger Short circuit conditional short-circuit current / with line-side fuse	4 mm 8 mm No
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 60947-4-1 / rated value short-time withstand current (SCCR) / at 600 V / according 5 kA	hasp thickness / of the bracket locks / maximum product extension / optional • motor drive • voltage trigger Short circuit conditional short-circuit current / with line-side fuse protection	4 mm 8 mm No No
solative 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 60947-4-1 / rated value short-time withstand current (SCCR) / at 600 V / according 5 kA	hasp thickness / of the bracket locks / maximum product extension / optional • motor drive • voltage trigger Short circuit conditional short-circuit current / with line-side fuse protection • at 690 V / by gG fuse / rated value	4 mm 8 mm No No
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 60947-4-1 / rated value short-time withstand current (SCCR) / at 600 V / according 5 kA	hasp thickness / of the bracket locks / maximum product extension / optional • motor drive • voltage trigger Short circuit conditional short-circuit current / with line-side fuse protection • at 690 V / by gG fuse / rated value according UL operational current / at AC / according to UL 508/UL	4 mm 8 mm No No No
active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value short-time withstand current (SCCR) / at 600 V / according 5 kA	hasp thickness / of the bracket locks / maximum product extension / optional • motor drive • voltage trigger Short circuit conditional short-circuit current / with line-side fuse protection • at 690 V / by gG 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	4 mm 8 mm No No No 25 A
	hasp thickness / of the bracket locks / maximum product extension / optional • motor drive • voltage trigger Short circuit conditional short-circuit current / with line-side fuse protection • at 690 V / by gG 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	4 mm 8 mm No No No 25 A 600 V
	hasp thickness / of the bracket locks / maximum product extension / optional • motor drive • voltage trigger Short circuit conditional short-circuit current / with line-side fuse protection • at 690 V / by gG 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	4 mm 8 mm No No No 50 kA 25 A 600 V

continuous current / of upstream fuse / according to UL / rated value	50 A
type of fuse / according to UL	RK5
Number	
number of connectable NC contacts / for auxiliary contacts / attachable / maximum	3
number of connectable NO contacts / for auxiliary contacts / attachable / maximum	5
number of connectable CO contacts / for auxiliary contacts / attachable / maximum	0
Connections	
AWG number / as coded connectable conductor cross section / solid	
maximum	8
• minimum	14
type of connectable conductor cross-sections / for copper conductor	
• solid	1x (1,516mm²)
 finely stranded / with core end processing 	1x (1,510mm²)
stranded	1x (1,516mm²)
type of connectable conductor cross-sections / for auxiliary contacts	
• solid	lateral auxiliary switch 2x (0,75 2,5mm²), 1x 4mm²; front auxiliary switch 1x (0,75 2,5mm²)
• finely stranded / with core end processing	lateral auxiliary switch 2x (0,75 1,5mm 2), 1x 2,5mm 2 ; front auxiliary switch 1x 2,5mm 2
• stranded	lateral auxiliary switch 2x (0,75 2,5mm²), 1x 4mm²; front auxiliary switch 1x (0,75 2,5mm²)
type of electrical connection	
 for main current circuit 	box terminal
 for auxiliary contacts 	connection terminals
Requirements	
design of the fuse link	
 for short-circuit protection of the main circuit / required 	fuse gL/gG: 25 A
 for short-circuit protection of the auxiliary switch / required 	fuse gL/gG: 10 A
Mechanical Design	
height	84 mm
width	67 mm
depth	429.5 mm
fastening method	Built-in unit fixed-mounted version
fastening method	
 4-hole front mounting 	Yes
front mounting with central attachment	No
rail mounting	Yes
net weight	588 g
Environmental conditions	
ambient temperature / during operation	
• minimum	-25 °C
maximum	55 °C
ambient temperature / during storage / minimum	-25 °C
General Product Approval	
out	



Confirmation





Miscellaneous



Declaration of Conformity Test Certificates Marine / Shipping other



Special Test Certificate





Miscellaneous

other

Environmental Confirmations

Further information

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=3LD2113-3VK51

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

https://support.industry.siemens.com/cs/ww/en/ps/3LD2113-3VK51

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3LD2113-3VK51

CAx-Online-Generator

http://www.siemens.com/cax

Tender specifications

http://www.siemens.com/specifications









