SIEMENS

Data sheet 3LD3340-1TK11



Load disconnector 3LD3, lu 40 A Main switch 3-pole Rated operating capacity at AC-23 A at 400 V 18.5 kW floor mounting Basic switch with door coupling Central hole mounting 22.5mm Toggle drive black 48x48 mm with auxiliary switch 1OE + 1S

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	selector switch
design of handle	knob-operated mechanism, black
General technical data	
number of poles	3
number of poles / note	3
type of device	fixed mounting
type of switch	Floor mounting with door coupling
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	15 kA2.s
let-through I2t value / with closed switch / at 440 V / for combination switch + gG fuse / maximum	15 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 	2.5 W
per conductor / typical	2 W
Current	
operational current	
• at 40 °C / rated value	40 A
• at 45 °C / rated value	40 A
 at 50 °C / rated value 	40 A
 at 55 °C / rated value 	40 A
at AC / rated value	40 A

• IN CACES IN 14 800 V riseto value • IN CACES IN 14 82 40 V riseto value • IN CACES IN 14 82 40 V riseto value • IN CACES IN 14 82 40 V riseto value • IN CACES IN 14 82 40 V riseto value • IN CACES IN 14 82 40 V riseto value • IN CACES IN 14 82 40 V riseto value • IN CACES IN 14 82 40 V riseto value • IN CACES IN 14 80 V riseto value • IN 14 80 V riseto value • IN 15	-t AO 00 A / -t 400 V /tdl	20. A
and AC-21 A / at 44 DV / rated value and AC-21 A / at 44 DV / rated value electrough current / with based switch as 44 A A operational current / with based switch as 44 A A A electrough current / with based switch as 44 A A A A A A A A A A A A A A A A A A	• at AC-23 A / at 400 V / rated value	36 A
and AC-21 A / at 440 V / roted value bel-brough current rivith closed switch at 440 V for combination switch + gG fase / motivation at 460 V for combination switch + gG fase / motivation at 460 V for combination switch + gG fase / motivation at 460 V for combination switch + gG fase / motivation at 460 V for combination switch + gG fase / motivation at 460 V for combination switch + gG fase / motivation at 460 V for combination switch + gG fase / motivation at 460 V for combination switch + gG fase / motivation power at 460 V for combination switch + gG fase / motivation at 460 V for combination switch + gG fase / motivation at 460 V fase V fas		
operational current / of upstream tuse / rated value let through current / with obsest switch et 440 V / for combination switch + gG fuse / maximum et at 690 V / for combination switch + gG fuse / maximum permissible Main circuit Operating power et 422 3 V / at 240 V / rated value et 43 AC 23 A / at 240 V / rated value et 43 AC 23 A / at 240 V / rated value et 34 AC 23 A / at 240 V / rated value et 34 AC 23 A / at 240 V / rated value et 34 AC 23 A / at 240 V / rated value et 34 AC 23 A / at 240 V / rated value et 34 AC 23 A / at 240 V / rated value et 34 AC 23 A / at 240 V / rated value et 34 AC 23 A / at 240 V / rated value et 34 AC 23 A / at 260 V / rated valu		
Internetional pursuant / with closed switch e.g. fuse / maximum e.g. fuse / maximu		
and 440 V for combination switch + gG fuse / maximum at 1890 V for combination switch + gG fuse / 5 kA maximum permissible beginning power at AC-23 A 1 at 240 V / rated value at AC-23 A 1 at 400 V rated value beginning power at AC-23 A 1 at 400 V rated value beginning at 240 V rated value beginning value at 240 V rated value begone at 240 V rated valu	· · · · · · · · · · · · · · · · · · ·	40 A
maximum permissible Main circuit operating power at AC-23 A 1 at 240 V / rated value at AC-23 A 1 at 400 V / rated value at AC-23 A 1 at 400 V / rated value at AC-33 A 1 at 400 V / rated value at AC-34 A 1 at 800 V / rated value at AC-35 A 1 at 800 V / rated value at AC-37 at 400 V / rated value at AC-37 at 800 V / rated value at 800 V / 800	•	
maximum permissible Mina circuit Operating power • at AC-23 A / at 420 V / rated value • at AC-23 A / at 440 V / rated value • at AC-23 A / at 440 V / rated value • at AC-32 A / at 400 V / rated value • at AC-31 at 400 V / rated value • at AC-31 at 400 V / rated value • at AC-31 at 400 V / rated value • at AC-31 at 400 V / rated value • at AC-31 at 400 V / rated value • at AC-31 at 400 V / rated value • at AC-31 at 400 V / rated value • at AC-31 at 800 V / rated value • at AC-31 at 800 V / rated value • at 440 V / rated value at 440 V / rated value • at 440 V / rated value • at 440 V / rated value at		5 KA
operating power at AC-23 A / at 400 V / rated value at AC-23 A / at 440 V / rated value 15 kW at AC-23 A / at 440 V / rated value 15 kW at AC-32 A / at 440 V / rated value 15 kW at AC-3 / at 500 V / rated value 21 kW at AC-3 / at 500 V / rated value 22 kW at AC-3 / at 500 V / rated value 23 kW at AC-3 / at 500 V / rated value 24 kW at AC-3 / at 500 V / rated value 25 kW at AC-3 / at 500 V / rated value 26 kW at AC-3 / at 500 V / rated value 27 kW at AC-3 / at 500 V / rated value 28 kW at AC-3 / at 500 V / rated value 29 correctly 20 correctly 20 correctly 20 correctly 20 correctly 21 correctly 21 correctly 22 correctly 23 correctly 24 correctly 25 correctly 25 correctly 26 correctly 26 correctly 26 correctly 26 correctly 26 correctly 27 correctly 28 correctly 29 correctly 20 correctly 26 correctly 27 correctly 28 correctly 28 correctly 29 correctly 20		5 kA
	Main circuit	
at AC-23 A / at 400 V / rated value at AC-23 A / at 4690 V rated value 15 kW at AC-23 A / at 690 V rated value 7.5 kW at AC-37 at 240 V / rated value 7.5 kW at AC-37 at 240 V / rated value 11.5 kW operational current / rated value 0 value of CO contacts / for auxiliary contacts 0 number of NC contacts / for auxiliary contacts 1 number of NO contacts / for auxiliary contacts 1 number of NO contacts / for auxiliary contacts 1 number of NO contacts / for auxiliary contacts 1 operating voltage / of auxiliary contacts / rated value insulation voltage / of the auxiliary switch / rated value insulation voltage / of the auxiliary switch / rated value suitability suitability suitability suitability suitability of use • main switch • safety switch • maintenance/repair switch Appearance color / of the actualing element black Product details product feature • can be locked into OFF position • at 440 V / by gG fuse / rated value • at 690 V / by gG fuse / rated value • at 690 V / by gG fuse / rated value • at 690 V / by gG fuse / rated value • at 690 V / by gG fuse / rated value • at 690 V / by gG fuse / rated value • at 690 V / by gG fuse / rated value • at 690 V / by gG fuse / rated value • at 690 V / by gG fuse / rated value • at 690 V / by gG fuse / rated value • at 690 V / by gG fuse / rated value • at 690 V / by gG fuse / rated value • active power [hp] / at AC / at 5060 V / according to UL 5000UL 500344-41 / rated value	operating power	
at AC-23 A / at 440 V / rated value at AC-33 / at 490 V / rated value at AC-33 / at 490 V / rated value at AC-33 / at 490 V / rated value at AC-33 / at 490 V / rated value at AC-33 / at 690 V / rated value 40 AC Auxiliary circuit operational current / rated value 40 A Auxiliary circuit number of NC contacts / for auxiliary contacts 0 number of NC contacts / for auxiliary contacts 1 number of NC contacts / for auxiliary contacts 0 number of NC contacts / for auxiliary contacts 1 number of NC 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 number of NC 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 continuous current / of the auxiliary contacts 0 and in switch 10 a witch disconnector 2 b witch disconnector 2 b witch disconnector 2 cotor / of the actuating element 2 b as the contact in a cont	 at AC-23 A / at 240 V / rated value 	7.5 kW
at AC-23 A / at 690 V / rated value at AC-3 / at 240 V / rated value 15 kW 21 AC-3 / at 240 V / rated value 11.5 kW 22 perational current / rated value 11.5 kW 23 perational current / rated value 24 AC-3 / at 690 V / rated value 25 kW 26 AC-3 / at 690 V / rated value 26 AC-3 / at 690 V / rated value 27 AC-3 / at 690 V / rated value 28 AC-3 / at 690 V / rated value 29 AC-3 / at 690 V / rated value 20 AC-3 / at 690 V / rated value 20 AC-3 / at 690 V / rated value 30 AC-3 / at 690 V / rated value 30 AC-3 / rated value 30 AC-	at AC-23 A / at 400 V / rated value	19 kW
at AC-3 / at 240 V / rated value at AC-3 / at 490 V / rated value 12 kW at AC-3 / at 490 V / rated value 40 A Auxillary circuit number of CO contacts / for auxiliary contacts 0 number of NC contacts / for auxiliary contacts 1 number of NC contacts / for auxiliary contacts 1 operating voltage / of auxiliary contacts 1 operating voltage / of auxiliary contacts / at AC / maximum continuous current / of the auxiliary switch / rated value Sutability suitability suitability for use main switch switch disconnector maintenance/repair switch Appearance color / of the actuating element Product details Product details Product details - can be locked into OFF position name whickness / of the bracket locks / maximum special product feature can be locked into OFF position appeal prickness / of the bracket locks / maximum special product feature motor drive voltage friger No Short circuit conditional short-circuit current / with line-side fuse profection at 440 V by gG fuse / rated value at 690 V by Gf suse / rated value active power [hp] / at AC / at 5000 Hz / according to UL 508UL 60947-4-1 / rated value active power [hp] / at AC / at 5000 V according to UL 508UL 60947-4-1 / rated value active power [hp] / at AC / at 5000 V according to UL 508UL 60947-4-1 / rated value active power [hp] / at AC / at 5000 V according to UL 508UL 60947-4-1 / rated value active power [hp] / at AC / at 5000 V according to UL 508UL 60947-4-1 / rated value active power [hp] / at AC / at 5000 V according to UL 508UL 60947-4-1 / rated value active power [hp] / at AC / at 5000 V according to UL 508UL 60947-4-1 / rated value active power [hp] / at AC / at 5000 V according to UL 508UL 60947-4-1 / rated value active power [hp] / at AC / at 5000 V according to UL 508UL 60947-4-1 / rated value	 at AC-23 A / at 440 V / rated value 	15 kW
at AC-3 / at 400 V / rated value at AC-3 / at 690 V / rated value 11.5 kW operational current / rated value Auxiliary circuit number of CC contacts / for auxiliary contacts number of NC contacts / for auxiliary contacts 1 number of NC contacts / for auxiliary contacts 1 number of NC contacts / for auxiliary contacts 1 number of NC contacts / for auxiliary contacts 1 number of NC contacts / for auxiliary contacts 1 number of NC contacts / for auxiliary contacts 1 number of NC contacts / for auxiliary contacts 1 number of NC contacts / for auxiliary contact / at AC / maximum continuous current / of the auxiliary switch / rated value insulation voltage / of the auxiliary switch / rated value suitability for use • main switch • main switch • switch disconnector • EMERGENCY OFF switch • switch disconnector • EMERGENCY OFF switch • safety switch • safety switch • color / of the actuating element Product details product feature • can be locked into OFF position number of bracket locks / maximum pasp thickness / of the bracket locks / minimum pasp thickness / of the bracket locks / minimum product extension / optional • notor drive • voltage trigger Short circuit conditional short-circuit current / with line-side fuse protection • at 440 V / by gG fuse / rated value active power [hp] / at AC / at 6000 Hz / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 6000 Hz / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 6000 Hz / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 6000 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 6000 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 6000 V / according to UL 508/UL 60947-4-1 / rated value	 at AC-23 A / at 690 V / rated value 	15 kW
• at AC-3 / at 690 V / rated value operational current / rated value Auxillary circuit number of CO contacts / for auxillary contacts number of NC contacts / for auxillary contacts operating voltage / of auxillary contacts operating voltage / of auxillary contact / at C / maximum continuous current / of the auxillary contact / rated value operating voltage / of the auxillary switch / rated value operating voltage / of the auxillary switch / rated value operating voltage / of the auxillary switch / rated value suitability suitability suitability suitability suitability or use • main switch • was witch disconnector • EMERGENCY OFF switch • safety switch • safety switch • maintenance/repair switch Product datails product dat	at AC-3 / at 240 V / rated value	7.5 kW
operational current / rated value 40 A Auxiliary circuit number of CC contacts / for auxiliary contacts 0 number of NC contacts / for auxiliary contacts 1 number of NC contacts / for auxiliary contacts 1 number of NO contacts / for auxiliary contacts 1 number of NO contacts / for auxiliary contacts 1 number of NO contacts / for auxiliary contacts 1 number of NO contacts / for auxiliary contacts 1 number of NO contacts / for auxiliary contacts 1 number of NO contacts / for auxiliary contact / rated value 10 A insulation voltage / of the auxiliary switch / rated value 500 V Suitability suitability or use	at AC-3 / at 400 V / rated value	12 kW
Auxiliary circuit number of CO contacts / for auxiliary contacts number of NC contacts / for auxiliary contacts 1 number of NC contacts / for auxiliary contacts 1 number of NC contacts / for auxiliary contacts 1 operating voltage / of auxiliary contacts / at AC / maximum continuous current / of the auxiliary contact / rated value 10 A insulation voltage / of the auxiliary switch / rated value 500 V Suitability suitability for use 1 main switch 2 main switch 2 main switch 3 main switch 4 main safety switch 4 maintenance/repair switch 4 pesarance color / of the actuating element 4 product details product details product details product details product details product details product feature 2 can be locked into OFF position 1 hasp thickness / of the bracket locks / maximum 2 hasp thickness / of the bracket locks / maximum 3 special product feature Can be locked into OFF position 1 more of bracket locks / maximum 3 may pecial product feature Can be locked in zero position mord drive No voltage finger No Short circuit conditional short-circuit current / with line-side fuse protection 10 kA	at AC-3 / at 690 V / rated value	11.5 kW
Auxiliary circuit number of CO contacts / for auxiliary contacts number of NC contacts / for auxiliary contacts 1 number of NO contacts / for auxiliary contacts 1 continuous current / of the auxiliary contacts / at AC / maximum continuous current / of the auxiliary contacts / at AC / maximum continuous current / of the auxiliary contact / at AC / maximum continuous current / of the auxiliary contact / at AC / maximum continuous current / of the auxiliary switch / rated value Suitability Suitability for use • main switch • switch disconnector • EMERCENCY OFF switch • safety switch • can be locked into OFF position Product details product feature • can be locked into OFF position number of bracket locks / maximum 2 hasp thickness / of the bracket locks / minimum 4 mm hasp thickness / of the bracket locks / minimum • woltage trigger Short circuit conditional short-circuit current / with line-side fuse protection • at 44 0 V / by gG fuse / rated value • at 690 V / by gG fuse / rated value • at 690 V / by gG fuse / rated value • at 690 V / by gG fuse / rated value • at 690 V / by gG fuse / rated value • at 690 V / by gG fuse / rated value • at 690 V / by gG fuse / rated value • at 690 V / by gG fuse / 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	operational current / rated value	40 A
number of CO contacts / for auxiliary contacts number of NC contacts / for auxiliary contacts 1 number of NC contacts / for auxiliary contacts 1 operating voltage / of auxiliary contacts / at AC / maximum continuous current / of the auxiliary contact / rated value insulation voltage / of the auxiliary switch / rated value sout voltage / of the auxiliary switch / rated value sout voltage / of the auxiliary switch / rated value sout voltage / of the auxiliary switch / rated value suitability suitability suitability suitability suitability suitability for use • main switch • switch disconnector • EMERGENCY OFF switch • switch disconnector • EMERGENCY OFF switch • safety switch • safety switch • safety switch • raintenance/repair switch • Yes Appearance color / of the actuating element Product dotails product feature • can be locked into OFF position number of bracket locks / maximum 2 hasp thickness / of the bracket locks / minimum 4 mm hasp thickness / of the bracket locks / minimum • anspecial product feature can be locked into office of the bracket locks / maximum 5 mm special product feature can be locked in zero position product extension / optional • motor drive • voltage trigger No Short circuit conditional short-circuit current / with line-side fuse protection • at 440 V / by gG fuse / rated value sold to AC at 690 V / by gG fuse / rated value at 690 V / by gG fuse / rated value poperating voltage / at AC / at 600 O / according to UL 508/UL 60947-4-1 / rated value active power [In] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [In] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [In] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [In] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value		
number of NC contacts / for auxiliary contacts 1 number of NQ contacts / for auxiliary contacts 1 operating voltage / of auxiliary contacts / rated value continuous current / of the auxiliary contact / rated value insulation voltage / of the auxiliary switch / rated value insulation voltage / of the auxiliary switch / rated value 500 V Suitability suitability for use • main switch • switch disconnector • EMERGENCY OFF switch • safety switch • safety switch • safety switch • maintenance/repair switch No • safety switch • maintenance/repair switch Product details product details product feature • can be locked into OFF position number of bracket locks / maximum 2 hasp thickness / of the bracket locks / minimum hasp thickness / of the bracket locks / minimum hasp thickness / of the bracket locks / maximum Special product feature product extension / optional • motor drive • voltage trigger No 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 poperating voltage / at AC / at 600 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 active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value		0
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 south voltage / of the auxiliary switch / rated value south voltage / of the auxiliary switch / rated value **Main switch** **Initiality** suitability** suitability for use **main switch** **switch disconnector** **EMERGENCY OFF switch** **switch disconnector** **EMERGENCY OFF switch** **safety switch** **yes** **naintenance/repair switch** **Product dotails**		
operating voltage / of auxiliary contacts / at AC / maximum continuous current / of the auxiliary switch / rated value insulation voltage / of the auxiliary switch / rated value south of the auxiliary switch / rated value • main switch • switch disconnector • switch disconnector • EMERGENCY OFF switch • safety switch • safety switch • safety switch • maintenance/repair switch Appearance 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 / maximum hasp thickness / of the bracket locks / maximum special product feature product extension / optional • motor drive • voltage trigger 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 Y - by G fuse / rated value operating voltage / at AC / at 50/60 Hz / according to UL 508/UL 60947-4-1 / rated value active power [Imp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [Imp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [Imp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [Imp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [Imp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value		
continuous current / of the auxiliary contact / rated value insulation voltage / of the auxiliary switch / rated value Suitability Suitability for use • main switch • switch disconnector • EMERGENCY OFF switch • safety switch • maintenance/repair switch Appearance color / of the actuating element black Product details product feature • can be locked into OFF position number of bracket locks / maximum 2 hasp thickness / of the bracket locks / minimum hasp thickness / of the bracket locks / maximum special product etature product extension / optional • motor drive • voltage trigger No 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 47-4-1 / rated value operating voltage / at AC / at 450 0 K / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 450 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 450 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 450 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 450 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 450 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 450 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 • EMERGENCY OFF switch • safety switch • maintenance/repair switch Appearance 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 special product feature • other of bracket locks / maximum can be locked in of the bracket locks / maximum hasp thickness / of the bracket locks / maximum special product feature conditional 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 Y / by G fuse / rated value • at 690 Y / by G fuse / rated value operating voltage / at AC / at 50/60 Hz / according to UL 508/UL 60947-4-1 / rated value active power (lip) / at AC / at 460 V / according to UL 508/UL 60947-4-1 / rated value active power (lip) / at AC / at 460 V / according to UL 508/UL 60947-4-1 / rated value active power (lip) / at AC / at 460 V / according to UL 508/UL 60947-4-1 / rated value active power (lip) / 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 • safety switch • maintenance/repair switch • maintenance/repair switch • maintenance/repair switch Appearance color / of the actuating element black Product details product feature • oan be locked into OFF position number of bracket locks / maximum 2 hasp thickness / of the bracket locks / minimum 4 mm hasp thickness / of the bracket locks / maximum special product feature product extension / optional • motor drive • voltage trigger No 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 operating voltage / at AC / at 50/60 Hz / 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		
main switch main switch switch disconnector EMERGENCY OFF switch safety switch maintenance/repair switch Product details 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 / minimum hasp thickness / of the bracket locks / maximum special product feature can be locked in zero position Product extension / optional motor drive voltage trigger Short circuit conditional short-circuit current / with line-side fuse protection at 4400 / by gG fuse / rated value at 4690 / by gG fuse / rated value poperating 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 6000 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 6000 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 6000 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 6000 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 6000 V / according to UL 508/UL 60947-4-1 / rated value		
main switch switch disconnector EMERGENCY OFF switch safety switch safety switch maintenance/repair switch Yes maintenance/repair switch Appearance color / of the actuating element Product details product feature can be locked into OFF position This product feature can be locked into OFF position This product feature special product feature This product feature	-	
Switch disconnector EMERGENCY OFF switch safety switch maintenance/repair switch Yes Appearance color / of the actuating element Product details product feature and be locked into OFF position number of bracket locks / maximum 2 hasp thickness / of the bracket locks / minimum special product feature and be locked into OFF position product extension / optional mass pecial product feature product extension / optional motor drive voltage trigger Short circuit conditional short-circuit current / with line-side fuse protection at 440 V / by gG fuse / rated value at 490 V / by gG fuse / rated value at 60947-4-1 / rated value operating voltage / 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 active power [hp] / at AC / at 480 V / according to UL 508/UL 60947-4-1 / rated value	, and the second	Voc
EMERGENCY OFF switch safety switch safety switch smintenance/repair switch Yes Appearance color / of the actuating element Product details product feature sea can be locked into OFF position number of bracket locks / maximum 2 hasp thickness / of the bracket locks / minimum hasp thickness / of the bracket locks / maximum Special product feature Can be locked in zero position motor drive voltage trigger Sho Short circuit conditional short-circuit current / with line-side fuse protection at 440 V / by gG fuse / rated value at 809 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 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 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		
* safety switch * maintenance/repair switch Yes Appearance color / of the actuating element Product details product feature • can be locked into OFF position number of bracket locks / maximum 2 hasp thickness / of the bracket locks / minimum hasp thickness / of the bracket locks / maximum special product feature product extension / optional • motor drive • voltage trigger 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 according UL operational current / at AC / according to UL 508/UL 69947-4-1 / 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 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		
maintenance/repair switch Appearance color / of the actuating element black Product details product feature		
Appearance color / of the actuating element black Product details product feature • can be locked into OFF position number of bracket locks / maximum 2 hasp thickness / of the bracket locks / minimum hasp thickness / of the bracket locks / maximum 5 special product feature can be locked in zero position product extension / optional • motor drive • voltage trigger No 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 6 kA according UL operational current / 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 400 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		
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 special product feature Can be locked in zero position roduct extension / optional • motor drive • voltage trigger No 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 operational current / at AC / at coording 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 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		Yes
Product feature ● can be locked into OFF position number of bracket locks / maximum Ansp thickness / of the bracket locks / minimum hasp thickness / of the bracket locks / maximum special product feature Product extension / optional ● motor drive ● voltage trigger 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 Secording 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 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 600 V / according to UL 508/UL 60947-4-1 / rated value		
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 special product feature Can be locked in zero position • motor drive • voltage trigger No 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 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 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		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 special product feature product extension / optional • motor drive • voltage trigger 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 operational current / at AC / according to UL 508/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 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	Product details	
number of bracket locks / maximum hasp thickness / of the bracket locks / minimum hasp thickness / of the bracket locks / maximum special product feature product extension / optional motor drive voltage trigger 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 operational current / at AC / 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	product feature	
hasp thickness / of the bracket locks / minimum hasp thickness / of the bracket locks / maximum special product feature Can be locked in zero position Product extension / optional • motor drive • voltage trigger No 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 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 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	can be locked into OFF position	Yes
hasp thickness / of the bracket locks / maximum special product feature product extension / optional motor drive voltage trigger No 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 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 active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value	number of bracket locks / maximum	2
special product feature product extension / optional motor drive voltage trigger No 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 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 active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value	hasp thickness / of the bracket locks / minimum	4 mm
product extension / optional • motor drive • voltage trigger No 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 6 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	hasp thickness / of the bracket locks / maximum	6 mm
 motor drive voltage trigger No 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 6 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 	special product feature	Can be locked in zero position
voltage trigger No 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 operational current / at AC / according to UL 508/UL operational current / at AC / according to UL 508/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 active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value	product extension / optional	
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 6 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	 motor drive 	No
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 6 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	 voltage trigger 	No
protection • at 440 V / by gG fuse / rated value • at 690 V / by gG fuse / rated value 6 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 circuit	
 at 440 V / by gG fuse / rated value at 690 V / by gG fuse / rated value 6 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 		
according UL operational current / at AC / according to UL 508/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 20 20 20 20	•	10 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 20 508/UL 60947-4-1 / rated value		6 kA
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 20 508/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 20	operational current / at AC / according to UL 508/UL	40 A
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	operating voltage / at AC / at 50/60 Hz / according to UL	600 V
active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value	active power [hp] / at AC / at 480 V / according to UL	20
short-time withstand current (SCCR) / at 600 V / according 5 kA		20
	short-time withstand current (SCCR) / at 600 V / according	5 kA

to UL 508/UL 60947-4-1	50.4
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	2
number of connectable NO contacts / for auxiliary contacts / attachable / maximum	4
number of connectable CO contacts / for auxiliary contacts / attachable / maximum	0
Connections	
AWG number / as coded connectable conductor cross section / solid	
• maximum	6
• minimum	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
Requirements	
design of the fuse link	
 for short-circuit protection of the main circuit / required 	fuse gL/gG: 40 A
 for short-circuit protection of the auxiliary switch / required 	fuse gL/gG: 10 A
Mechanical Design	
height	60 mm
width	47 mm
depth	380 mm
fastening method	Built-in unit fixed-mounted version
fastening method	
 4-hole front mounting 	No
 front mounting with central attachment 	Yes
rail mounting	Yes
net weight	300 g
Environmental conditions	
ambient temperature / during operation	
• minimum	-25 °C
maximum	55 °C
ambient temperature / during storage / minimum General Product Approval	-25 °C Declaration of Conformity



Confirmation









other

Miscellaneous

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=3LD3340-1TK11

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

https://support.industry.siemens.com/cs/ww/en/ps/3LD3340-1TK11

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3LD3340-1TK11

CAx-Online-Generator

http://www.siemens.com/cax

Tender specifications

http://www.siemens.com/specifications

