SIEMENS

Data sheet 3LD3348-0TL51



Load disconnector 3LD3, Iu 40 A Main switch 3-pole + N 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 Rotating drive black 66 x 66 mm

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
General technical data	
number of poles	4
number of poles / note	4
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 AC-27 in 1600 V riseto value * In AC-28 in 1600 V riseto value * In A	-t AO 00 A / -t 400 V /tdl	00 A
and AC-21 A / at 44 DV / rated value by A A A dead V / rated value coperational current / of upstream fuse / rated value let-through current / with blosed switch all 44 DV / for combination which + g6 fuse / rated value all 44 DV / for combination switch + g6 fuse / rated value **A COPY / for combination switch + g6 fuse / 5 kA **Indiation** **Operating power **A COPY / for combination switch + g6 fuse / 5 kA **Indiation** **Operating power **A COPY / for combination switch + g6 fuse / 7.5 kW **A COPY / for combination switch + g6 fuse / 7.5 kW **A COPY / for combination switch + g6 fuse / 7.5 kW **A COPY / for combination switch + g6 fuse / 7.5 kW **A COPY / for combination switch + g6 fuse / 7.5 kW **A COPY / for combination switch + g6 fuse / 7.5 kW **A COPY / for combination switch + g6 fuse / 7.5 kW **A COPY / for combination switch + g6 fuse / 7.5 kW **A COPY / for combination switch value **A COPY / for combination switch **A COPY /	• at AC-23 A / at 400 V / rated value	36 A
and AC-21 Ar at 440 V / rated value bet-brough current / vith placed switch at 440 V / for combination switch + gG fuse / modernum at 680 V / for at 680 V / for auxiliary contacts at 680 V / fo		
operational current / of upstream Suse / rated value let-through current / with closed switch + gG fuse / so kA maximum		
International content With closed switch a did Not / for combination / for switch / for switch / for combination / for switch / f		
and table V / for combination switch + gG fuse / maximum at 1890 V / for combination switch + gG fuse / switch and the provided of the provid	·	40 A
maximum emissible switch + gG fuse / 5 kA maximum permissible switch + gG fuse / 5 kA maximum permissible switch + gG fuse / 5 kA maximum permissible switch + gG fuse / 5 kA maximum permissible switch + gG fuse / 5 kA maximum permissible switch + gG fuse / 5 kA maximum permissible switch + gG fuse / 5 kA maximum permissible switch + gG fuse / 5 kW	G	
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-32 A / at 460 V / rated value • at AC-32 A / at 460 V / rated value • at AC-3 at 460 V / rated value • at AC-3 at 460 V / rated value • at AC-3 at 460 V / rated value • at AC-3 at 460 V / rated value • at AC-3 at 460 V / rated value • at AC-3 at 460 V / rated value • at AC-3 at 460 V / rated value • at AC-3 at 460 V / rated value • at AC-3 at 460 V / rated value • at AC-3 at 460 V / rated value • at AC-3 at 460 V / rated value • at AC-3 at 460 V / rated value • at AC-3 at 460 V / rated value • at AC-3 at AC-3 at 460 V / rated value • at AC-3 at 460 V / rated value • at AC-3 at 460 V / rated value • at 460 AC-3 at 460 V / rated value • at 460 AC-3 at 460 V / rated value • at 460 V / ra		5 KA
operating power • at AC-23 A / at 400 V / rated value • at AC-23 A / at 400 V / rated value • at AC-32 A / at 400 V / rated value • at AC-32 A / at 400 V / rated value • at AC-32 A / at 400 V / rated value • at AC-3 / at 500 V / rated value • at AC-3 / at 500 V / rated value • at AC-3 / at 500 V / rated value • at AC-3 / at 500 V / rated value • at AC-3 / at 500 V / rated value • at AC-3 / at 500 V / rated value • at AC-3 / at 500 V / rated value • at AC-3 / at 500 V / rated value • at AC-3 / at 500 V / rated value • at AC-3 / at 500 V / rated value • at AC-3 / at 500 V / rated value • at AC-3 / at 500 V / rated value • at AC-3 / at 500 V / rated value • at AC-3 / at 500 V / rated value • at AC-3 / at 500 V / rated value • at Ac-3 / at 500 V / rated value • at Ac-3 / at 500 V / rated value • at Ac-3 / at 500 V / rated value • at Ac-3 / at 500 V / rated value • at Ac-3 / at 500 V / rated value • at Ac-3 / at 500 V / rated value • at Ac-3 / at 500 V / rated value • at Ac-3 / at 500 V / rated value • at Ac-3 / at 500 V / rated value • at Ac-3 / at 500 V / rated value • at Ac-3 / at 500 V / rated value • at Ac-3 / at 500 V / rated value • at Ac-3 / at 500 V / rated value • at Ac-3 / at 500 V / rated value • at Ac-3 / at 500 V / rated value • at Ac-3 / at 500 V / rated value • at Ac-3 / at 500 V / rated value • at Ac-3 / at 500 V / rated value • at 600 V / rated value at 600 V / rate		5 kA
	Main circuit	
at AC-23 A / at 400 V / rated value at AC-23 A / at 4690 V / rated value at AC-34 A / at 4690 V / rated value 15 kW at AC-37 at 2690 V / rated value 7.5 kW at AC-37 at 240 V / rated value 11.5 kW oet AC-37 at 240 V / rated value 11.5 kW operational current / rated value 40 A Auxiliary dreuit number of CO contacts / for auxiliary contacts 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 NC contacts / for auxiliary contacts 0 parating voltage / of auxiliary contacts / at AC / maximum 500 V continuous current / rated value insulation voltage / of the auxiliary switch / rated value insulation voltage / of the auxiliary switch / rated value valuability suitability suitability suitability contacts / for auxiliary contacts 0 Pes 0 EMERGENEY OFF switch NO 2 safety switch 1 maintenance/repair switch 1 yes 2 maintenance/repair switch 2 yes 2 can be locked into OFF position 1 yes 2 can be locked into OFF position 2 yes 3 product teature 2 can be locked into OFF position 3 pecular product deature 3 product deature 4 mm 3 pecular product feature 5 product deature 5 onto for fore 6 mm 5 pecular product extension / optional 6 more of or a 440 V / by gG fuse / rated value 6 at 460 V / by gG fuse / rated value 6 at 460 V / by gG fuse / rated value 6 onto of the actual current / with line-side fuse 7 product extension / optional 6 more of or a 440 V / by gG fuse / rated value 7 onto deature 7 onto drive 8 onto deature 8 onto deature 9 onto drive 9 onto deature 9 o	operating power	
at AC-23 A / at 440 V / rated value at AC-3 / at 240 V / rated value at AC-3 / at 240 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 at AC-3 / at 690 V / rated value at AC-3 / at 690 V / rated value value operational current / rated value value operating value oper	 at AC-23 A / at 240 V / rated value 	7.5 kW
at AC-38 A / at 690 V / rated value at AC-3 / at 240 V / rated value 15 kW at AC-3 / at 400 V / rated value 11.5 kW operational current / rated value 11.5 kW operational current / set of value Auxiliary circuit 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 number of NC contacts / for auxiliary contacts 0 operating voltage / of the auxiliary contacts / rated value insulation voltage / of the auxiliary switch / rated value insulation voltage / of the auxiliary switch / rated value **Sutability** **Sutability** **Sutability** **Sutability** **Sutability** **Pes **Amain switch **Yes **Amain switch **Amain switch **Yes **Amain switch **Amain switch **Yes **Amain switch **Amain	at AC-23 A / at 400 V / rated value	19 kW
at AC-3 / at 240 V / rated value at AC-3 / at 400 V / rated value 12 kW 12 kW 12 kW 13 kW 14 CA / 3 x 1690 V / rated value 40 A Auxillary circuit number of CO contacts / for auxillary contacts 0 number of NC contacts / for auxillary contacts 0 number of NC contacts / for auxillary contacts 0 operating voltage / of auxillary contacts 0 operating voltage / of auxillary contacts / at AC / maximum continuous current / of the auxillary contact / rated value Sutability sutability for use main switch switch disconnector main switch safety switch safety switch Appearance color / of the actualing element Product details Product details Product details Product details Product details Product details Product details Appearance a no locked into OFF position number of bracket locks / maximum Asp thickness / of the bracket locks / minimum Asp thickness / of the	 at AC-23 A / at 440 V / rated value 	15 kW
e at AC-3 / at 400 V / rated value 11.5 kW experience of AC-3 / at 690 V / rated value 11.5 kW experience of Co contacts / for auxiliary contacts 10 continuous current / of the auxiliary contact / rated value 10 A suitability value / of auxiliary contact / rated value 10 A suitability of the auxiliary switch / rated value 500 V suitability 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 contacts / at AC / maximum continuous current / of the auxillary contact / rated value operating voltage / of the auxillary contact / rated value operating voltage / 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 operating voltage / of the auxillary switch / 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 operating voltage / of the switch operating voltage / of the switch operating voltage / of the switch ves operating voltage / of the switch ves operating voltage / of voltage / rated value operating voltage / rated value operating voltage / at AC / at 50/60 Hz / according to UL 508/UL 60947-4-1 / rated value active power lipt / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power lipt / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power lipt / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power lipt / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power lipt / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power lipt / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value	at AC-3 / at 240 V / rated value	7.5 kW
operational current / rated value 40 A 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 number of NO contacts / for auxiliary contacts 0 number of NO contacts / for auxiliary contacts 0 operating voltage / of auxiliary contact / rated value 10 A insulation voltage / of the auxiliary contact / rated value 500 V Suitability suitability suitability for use • main switch	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 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 insulation voltage / of the auxiliary switch / rated value Suitability suitability for use main switch switch disconnector Switch disconnector Switch disconnector Seafety switch Safety switch Saf	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 0 number of NC contacts / for auxiliary contacts 0 operating voltage / of 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 switch / rated value 500 V Suitability Suitability for use • main switch • switch disconnector • EMERGENCY OFF switch • switch disconnector • EMERGENCY OFF switch • safety switch Product details product details product details product details product details product feature • can be locked into OFF position number of bracket locks / maximum 1 hasp thickness / of the bracket locks / minimum 4 hasp thickness / of the bracket locks / maximum 9 special product feature • voltage trigger No 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 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 N / 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 0 number of NC contacts / for auxiliary contacts 0 pumber of NC contacts / for auxiliary contacts 0 perating voltage / of auxiliary contacts / 10 perating voltage / of auxiliary contacts / 10 perating voltage / of the auxiliary contact / rated value / 10 perating voltage / of the auxiliary switch / of		
number of NC contacts / for auxiliary contacts 0 number of NO contacts / for auxiliary contacts 0 operating voltage / of auxiliary contacts / rate / / maximum continuous current / of the auxiliary switch / 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 • can be locked into OFF position • can be locked into OFF position • can be locked into OFF position • can be locked locks / maximum 2 hasp thickness / of the bracket locks / minimum 4 mm hasp thickness / of the bracket locks / minimum 6 mm special 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 GF 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		0
number of NO contacts / for auxiliary contacts operating voltage / of auxiliary contacts / at AC / maximum continuous current / of the auxiliary contacts / at AC / maximum 500 V continuous current / of the auxiliary contacts / at AC / maximum 500 V Suitability suitability for use		
operating voltage / of auxiliary contacts / at AC / maximum continuous current / of the auxiliary contact / rated value insulation voltage / of the auxiliary switch / rated value Sutability suitability suitability suitability for use		
continuous current / of the auxiliary contact / rated value insulation voltage / of the auxiliary switch / rated value Sout V Suitability suitability for use • main switch • switch disconnector • EMERGENCY OFF switch • safety switch • safety switch • safety 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 / maximum special product feature can be locked into OFF position yes number of bracket locks / maximum 4 mm 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 • at 69047-4-1 / 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 450 V / 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		
insulation voltage / of the auxiliary switch / rated value Suitability suitability for use • main switch • switch disconnector • EMERGENCY OFF switch • safety switch • maintenance/repair 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 2 hasp thickness / of the bracket locks / minimum hasp thickness / of the bracket locks / maximum special product feature ontor 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 Y / by gG fuse / rated value • at 6904 Y - 41 / rated value operating voltage / at AC / at 50/60 Hz / according to UL 50/8/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 50/8/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 50/8/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 50/8/UL 60947-4-1 / rated value		
Suitability suitability for use • main switch • switch disconnector • EMERGENCY OFF switch • safety switch • safety switch • safety switch • maintenance/repair switch • maintenance/repair switch • maintenance/repair 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 4 mm hasp thickness / of the bracket locks / maximum 5 pecial 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 • at 690 V / ty gG fuse / rated value coperating 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	·	
suitability for use • main switch • switch disconnector • EMERGENCY OFF switch • safety switch Product details 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 4 mm 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 • at 690 V / by gG fuse / rated value • at 690 V / by GA 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 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		
main switch switch disconnector EMERGENCY OFF switch safety switch safety switch maintenance/repair switch Yes maintenance/repair switch Yes maintenance/repair switch Yes Appearance color / of the actuating element black Product details product deature can be locked into OFF position yes number of bracket locks / maximum lasp 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 680 V / by gG fuse / rated value operational current / at AC / a coording to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 K / a 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		
Switch disconnector EMERGENCY OFF switch safety 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 product extension / optional motor drive olor lot	,	Von
EMERGENCY OFF switch asafety switch anintenance/repair switch Appearance color / of the actuating element Product details product feature asap thickness / of the bracket locks / maximum hasp thickness / of the bracket locks / maximum aspecial 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 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 480 V / by gG fuse / rated value at 480 V / by gG fuse / rated value poperational 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		
* 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 * 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 60847-4-1 / 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		
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 / minimum 6 mm 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 according UL operational current / at AC / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 800 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	-	
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 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		Tes
Product feature		
product feature		DIACK
ocan 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 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 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		
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 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 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	·	
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 • 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	· · · · · · · · · · · · · · · · · · ·	
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 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		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 20		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 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 active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value	•	
 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 		Can be locked in zero position
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 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		
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		
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	
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 20 508/UL 60947-4-1 / rated value		
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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 20 20 20 20 20 20 20 20 20 20 20 20	at 690 V / by gG fuse / 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 20 20 20 20 20 20 20 20 20 20 20 20	according 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		40 A
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	, , ,	600 V
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	
continuous current / of upstream fuse / according to UL /	50 A
rated value	30 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	49 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	-25 °C
General Product Approval	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=3LD3348-0TL51

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

https://support.industry.siemens.com/cs/ww/en/ps/3LD3348-0TL51

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3LD3348-0TL51

CAx-Online-Generator

http://www.siemens.com/cax

Tender specifications

http://www.siemens.com/specifications

