SIEMENS

Data sheet 3LD3350-0TL11



Load disconnector 3LD3, lu 40 A Main switch 3-pole + N Rated operating capacity at AC-23 A at 400 V 18.5kW Front plate mounting Basic switch with Central hole mounting 22.5mm Toggle drive black 48x48 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	selector switch
design of handle	knob-operated mechanism, black
General technical data	
number of poles	4
number of poles / note	4
type of device	fixed mounting
type of switch	front mounted
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 sw		
and table V / for combination switch + gG fuse / maximum at 1890 V / for combination switch + gG fuse / switch and the provided of the provid	<u> </u>	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 product deature 5 onto in the auxiliary contact of use / maximum 5 pecular product deature 5 onto in the auxiliary contact of use / maximum 5 pecular product deature 5 onto brocket locks / maximum 5 pecular product deature 5 onto fortine 5 of the bracket locks / maximum 5 pecular product extension / optional 5 onto of vive 5 onto deature 5 onto brocket locks / maximum 5 onto drive 5 onto deature 6 onto of vive 6 onto of vive 6 onto of vive onto of vi	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 bracket locks / minimum Asp thickness / of the bracket locks / minimum Asp thickness / of the bracket locks / minimum Asp thickness / of the bracket locks / minimum masp thickness / of the bracket locks / minimum Asp thickness / of t	 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		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		
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	at 440 V / by gG fuse / rated value	10 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	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	114 mm
fastening method	Built-in unit fixed-mounted version
fastening method	
 4-hole front mounting 	No
 front mounting with central attachment 	Yes
rail mounting	No
net weight	200 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=3LD3350-0TL11

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

https://support.industry.siemens.com/cs/ww/en/ps/3LD3350-0TL11

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3LD3350-0TL11

CAx-Online-Generator

http://www.siemens.com/cax

Tender specifications

http://www.siemens.com/specifications

