SIEMENS

Data sheet 3LD3430-0TK11



Load disconnector 3LD3, lu 63 A Main switch 3-pole Rated operating capacity at AC-23 A at 400V 22.0 kW Installation in distribution boards, Basic switch with selector knob black

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	
type of the driving mechanism / motor drive	No	
General technical data		
number of poles	3	
number of poles / note	3	
type of device	fixed mounting	
type of switch	DIN-rail mounting	
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	21 kA2.s	
let-through I2t value / with closed switch / at 440 V / for combination switch + gG fuse / maximum	21 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	IP40	
protection class IP / on the front	IP40	
Dissipation		
power loss [W]		
 for rated value of the current / at AC / in hot operating state / per pole 	4.5 W	
per conductor / typical	5 W	
Current		
operational current		
• at 40 °C / rated value	63 A	
 at 45 °C / rated value 	63 A	
 at 50 °C / rated value 	63 A	
 at 55 °C / rated value 	63 A	
 at AC / rated value 	63 A	

* IA C-23 I A 14 400 V rated value		42.4
and AC-21 A / at 44 MV / rated value bit A / at 44 MV / rated value coperational current / of upstream fuse / rated value let-through current / with blosed switch all 44 MV / for combination which + g6 fuse / minimum record / for combination switch + g6 fuse / minimum record / for combination switch + g6 fuse / minimum record / for combination switch + g6 fuse / minimum record / for combination switch + g6 fuse / minimum record / for combination switch + g6 fuse / minimum record / for combination switch + g6 fuse / minimum record / for combination switch + g6 fuse / minimum record / for combination switch + g6 fuse / minimum record / for combination switch + g6 fuse / minimum record / for combination switch + g6 fuse / minimum record / for combination switch + g6 fuse / minimum record / for combination switch + g6 fuse / minimum record / for combination switch + g6 fuse / minimum record / for combination switch value	• at AC-23 A / at 400 V / rated value	43 A
e at AC-21 Ar at 440 V / rated value let-through current / vith closed switch • at 440 V / for combination switch + gG fuse / modernum • at 680 V / for combination switch + gG fuse / modernum • at 680 V / for combination switch + gG fuse / modernum • at 680 V / for combination switch + gG fuse / modernum • at 680 V / for combination switch + gG fuse / modernum • at AC-23 A / at 240 V / rated value • at AC-23 A / at 240 V / rated value • at AC-23 A / at 400 V / rated value • at AC-23 A / at 400 V / rated value • at AC-23 A / at 400 V / rated value • at AC-3 at 240 V / rated value • at AC-3 at 240 V / rated value • at AC-3 at 400 V / rated value • at AC-3 at 400 V / rated value • at AC-3 at 400 V / rated value • at AC-3 at 400 V / rated value • at AC-3 at 400 V / rated value • at AC-3 for 500 V / rated value • at AC-3 for 600 V / rated value • at AC-3 for 600 V / rated value • at AC-3 for 600		
operational current / of upstream Suse / rated value 63 A let-through current / with closed switch + gG fuse / maximum set 60 V / for combination switch + gG fuse / 6 kA maximum permissible 7 kA maximum per		
lecthrough current / with closed switch at 34 (4) / for combination switch + gG fuse / maximum at 890 V / for combination switch + gG fuse / maximum permissible Main circuit operating power at AC-23 A / at 240 V / rated value		
and table V / for combination switch + gG fuse / maximum or the table V / for combination switch + gG fuse / maximum permissible were prevained prower at AC-23 A / at 240 V / rated value at AC-23 A / at 240 V / rated value at AC-23 A / at 440 V / rated value at AC-23 A / at 440 V / rated value at AC-23 A / at 400 V / rated value at AC-23 A / at 400 V / rated value at AC-23 A / at 600 V / rated value at AC-23 A / at 600 V / rated value at AC-23 A / at 600 V / rated value at AC-23 A / at 600 V / rated value at AC-23 at 600 V / rated value at A		03 A
maximum emissible switch + gG fuse / 6 kA maximum permissible switch + gG fuse / 6 kA maximum permissible switch + gG fuse / 6 kA maximum permissible switch + gG fuse / 6 kA maximum permissible switch + gG fuse / 6 kA maximum permissible switch + gG fuse / 6 kA maximum permissible switch + gG fuse / 6 kA maximum permissible switch + gG fuse / 6 kA maximum permissible / 6 kA maximum permissi	<u> </u>	G kA
maximum permissible Main circuit operating power at AC-23 A / at 240 V / rated value at AC-23 A / at 400 V / rated value at AC-23 A / at 400 V / rated value at AC-23 A / at 400 V / rated value at AC-3 A / at 400 V / rated value at AC-3 / at 400 V / rated value at AC-3 / at 400 V / rated value at AC-3 / at 400 V / rated value at AC-3 / at 400 V / rated value at AC-3 / at 400 V / rated value at AC-3 / at 400 V / rated value at AC-3 / at 400 V / rated value at AC-3 / at 800 V / rated value operational current / rated value operating voltage / of auxiliary contacts onumber of NC contacts / for auxiliary contacts onumber of NC contacts / for auxiliary contacts operating voltage / of auxiliary contact / rated value oorthous current / of the auxiliary swhich / rated value suitability for use main swhich emain swhich ema	maximum	
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 600 V / rated value at 600 V / rated value • at 600 V / rated value at 600 V / rated value at 60		6 kA
	Main circuit	
• at AC-23 A / at 400 V / rated value • at AC-23 A / at 690 V / rated value • at AC-32 A / at 690 V / rated value • at AC-37 at 240 V / rated value • at AC-37 at 240 V / rated value • at AC-37 at 240 V / rated value • at AC-37 at 240 V / rated value • at AC-37 at 240 V / rated value • at AC-37 at 240 V / rated value • at AC-37 at 240 V / rated value • at AC-37 at 250 V / rated value • at AC-37 at 250 V / rated value • at AC-37 at 250 V / rated value • at AC-37 at 250 V / rated value • at AC-37 at 250 V / rated value • at AC-37 at 250 V / rated value operational current / rated valuality contacts number of CO contacts / for auxiliary contacts operating voltage / of auxiliary contacts at AC / maximum continuous current / rated value insulation voltage / of the auxiliary switch / rated value insulation voltage / of the auxiliary switch / rated value visuability suitability suitability suitability for use • main switch • switch disconnector • EMERGENEY OFF switch • maintenance/repair switch Appearance color / of the actualing element black Product details product feature • can be locked into OFF position napsp thickness / of the bracket locks / maximum hasp thickness / of the bracket locks / maximum hasp thickness / of the bracket locks / maximum special product feature product graces of the bracket locks / maximum special product feature conditional short-circuit current / with line-side fuse product extension / optional • woltage friger No Short circuit conditional short-circuit current / with line-side fuse protection • at 440 V / by g G fuse / rated value • at 460 V / by g G fuse / rated value • at 460 V / by g G fuse / rated value • at 460 V / by g G fuse / rated value • at 460 V / by g G fuse / rated value • at 460 V / by g G fuse / rated value • at 460 V / by g G fuse / rated value • at 460 V / by g G fuse / rated value • at 460 V / by g G fuse / rated value • at 460 V / by g G fuse / rated value • at 460 V / by g G fuse / rated value • at 460 V / by g G fuse / rated value • at 460 V / b	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 240 V / rated value at AC-3 / at 260 V / rated value at AC-3 / at 680 V / rated value at AC-3 / at 680 V / rated value at AC-3 / at 680 V / rated value at AC-3 / at 680 V / rated value active of CO contacts / for auxiliary contacts operating value operating value operating value operating value / of CO contacts / for auxiliary contacts operating value / of the auxiliary contacts / at AC / maximum continuous current / of the auxiliary contacts / at AC / maximum continuous current / of the auxiliary contacts / at AC / maximum continuous current / of the auxiliary contacts / at AC / maximum operating value / of the auxiliary contacts / at AC / maximum suitability suitability suitability suitability suitability for use emain switch ves emain switch	at AC-23 A / at 240 V / rated value	11 kW
at AC-32 A / at 690 V / rated value at AC-3 / at 240 V / rated value 11 kW at AC-3 / at 400 V / rated value 15 kW perational current / rated value 53 A 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 number of NC contacts / for auxiliary contacts 0 number of NC contacts / for auxiliary contacts 0 0 0 voice / voi	at AC-23 A / at 400 V / rated value	22 kW
• at AC-3 / at 240 V / rated value	at AC-23 A / at 440 V / rated value	22 kW
e at AC-3 / at 400 V / rated value	 at AC-23 A / at 690 V / rated value 	19 kW
• at AC-3 / at 690 V / rated value 63 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 10 continuous current / of the auxillary contact / rated value 10 A insulation voltage / of the auxillary switch / rated value 500 V Suitability	at AC-3 / at 240 V / rated value	11 kW
operational current / rated value 63 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	19 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	15 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		
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 / rated value / of the auxiliary switch / rated value / 10 perating voltage / of the auxiliary switch / rated value / 10 perating voltage / of the auxiliary switch / rated value / 10 perating voltage / of the auxiliary switch / of th		
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 • safety switch • safety switch • safety switch • raintenance/repair switch Appearance color / of the actualing element black Product dotals 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 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 890 V / by gG fuse / rated value • at 890 V / by gG fuse / rated value poperating voltage / at AC / at 50/60 Hz / according to UL 50/8UL 60947-4-1 / rated value active power [hp] / at AC / at 480 V / according to UL 50/8UL 60947-4-1 / rated value active power [hp] / at AC / at 480 V / according to UL 50/8UL 60947-4-1 / rated value active power [hp] / at AC / at 500 V / according to UL 50/8UL 60947-4-1 / rated value active power [hp] / at AC / at 500 V / according to UL 50/8UL 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 contact / rated value insulation voltage / of the auxiliary switch / rated value 500 V Suitability suitability for use • main switch Yes • main switch Yes • main switch Yes • EMERGENCY OFF switch No • safety switch Yes • maintenance/repair switch Yes • maintenance/repair switch Yes Appearance color / of the actuating element black Product details product feature • can be locked into OFF position Yes number of bracket locks / maximum 4 mm hasp thickness / of the bracket locks / minimum 4 mm hasp thickness / of the bracket locks / maximum 6 mm hasp thickness / of the bracket locks / maximum 6 motor drive • voltage trigger No Short circuit conditional short-circuit current / with line-side fuse protection • at 440 V / by gG fuse / rated value 4 at 690 V / by gG fuse / rated value 6 kA according UL operating voltage / at AC / at 50/60 Hz / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 480 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 450 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		
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 • main switch • switch disconnector • EMERGENCY OFF switch • switch disconnector • EMERGENCY OFF switch • safety switch • safety switch • safety switch • maintenance/repair switch Appearance color / of the actuating element Product details Product details product feature • can be locked into OFF position nabsp thickness / of the bracket locks / maximum Anasp thickness / of the bracket locks / maximum Anasp 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 Y - by gG fuse / rated value at 440 V / by gG fuse / rated value at 440 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 [Inp] / at AC / at 480 V / according to UL 508/UL 60947-4-1 / rated value active power [Inp] / at AC / at 480 V / according to UL 508/UL 60947-4-1 / rated value active power [Inp] / at AC / at 480 V / according to UL 508/UL 60947-4-1 / rated value active power [Inp] / at AC / at 480 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 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 4500 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 - 41 / rated value active power [hp] / at AC / at 600 V / according to UL 50/8/UL 60947 - 41 / rated value active power [hp] / at AC / at 600 V / according to UL 50/8/UL 60947 - 41 / rated value active power [hp] / at AC / at 600 V / according to UL 50/8/UL 60947 - 41 / rated value active power [hp] / at AC / at 600 V / according to UL 50/8/UL 60947 - 41 / rated value active power [hp] / at AC / at 600 V / according to UL 50/8/UL 60947 - 41 / 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 • 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 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 • at 690 V / ty gG fuse / rated value active power [hp] / 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		
suitability for use • main switch • switch disconnector • EMERGENCY OFF switch • safety switch Yes Appearance color / of the actuating element black 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 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 4400 V / by gG fuse / rated value • at 690 V / by gG fuse / rated value • at 690 V / by gG fuse / rated value • 6 kA according UL operating voltage / at AC / at 50/60 Hz / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 480 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 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 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		500 V
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 coperating voltage / ta AC / at 600 Ref / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value		
Switch disconnector EMERGENCY OFF switch safety switch 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 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 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. 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 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	V
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 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		
• 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 5 pecial 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 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 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 / 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 6947-4-1 / 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 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 outline in the 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 operating outlage / 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	maintenance/repair switch	Yes
Product feature	Appearance	
product feature	color / of the actuating element	black
ocan be locked into OFF position number of bracket locks / maximum lasp thickness / of the bracket locks / minimum hasp thickness / of the bracket locks / maximum special product feature product extension / optional	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 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	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 • 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 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	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 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 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 30	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 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 30 30	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
 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 	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		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	voltage trigger	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	1 11	
 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 30		
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 30	•	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 30 508/UL 60947-4-1 / 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 30		O IV t
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 30		62 A
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 30	60947-4-1 / rated value	
508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value 30	508/UL 60947-4-1 / rated value	600 V
508/UL 60947-4-1 / rated value		25
short-time withstand current (SCCR) / at 600 V / according 5 kA		30
	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	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: 63 A
 for short-circuit protection of the auxiliary switch / required 	fuse gL/gG: 10 A
Mechanical Design	
height	60 mm
width	36 mm
depth	77 mm
fastening method	Built-in unit fixed-mounted version
fastening method	
 4-hole front mounting 	No
 front mounting with central attachment 	No
rail mounting	Yes
net weight	200 g
Environmental conditions	
ambient temperature / during operation	
• minimum	-25 °C
• maximum	55 °C
ambient temperature / during storage / minimum	-25 °C
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=3LD3430-0TK11

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

https://support.industry.siemens.com/cs/ww/en/ps/3LD3430-0TK11

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3LD3430-0TK11

CAx-Online-Generator

http://www.siemens.com/cax

Tender specifications

http://www.siemens.com/specifications

