SIEMENS

Data sheet 3LD2050-1TL13



SENTRON, Switch disconnector 3LD, emergency switching-off switch, 4-pole, lu: 16 A, operating power / at AC-23 A 400 V: 7.5 kW, front-mounted, knob-operated mechanism, Red / yellow, central mounting 22.5 mm of the handle

Model		
product brand name	SENTRON	
product designation	3LD Switch disconnector	
design of the product	EMERGENCY-STOP 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, red/yellow	
type of the driving mechanism / motor drive	No	
General technical data		
number of poles	4	
type of device	fixed mounting	
type of switch	front mounted	
size of switch disconnector	1	
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	3 kA2.s	
let-through I2t value / with closed switch / at 440 V / for combination switch + gG fuse / maximum	2.5 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 	0.5 W	
per conductor / typical	1 W	
Current		
operational current		
at 40 °C / rated value	16 A	
at 45 °C / rated value	16 A	
• at 50 °C / rated value	16 A	
• at 55 °C / rated value	16 A	

• art AC-27 art at 90 V / rated value	1.40 / 1.1	40.4
e at AC-21 At 860 V / Interd value	at AC / rated value	16 A
at AC-21 A/ at 440 V / rated value at AC-21 A/ at 440 V / rated value operational current / for upstream fuse / rated value interfluoring current / with closed switch at 440 V / for combination switch + gG fuse / maximum at 600 V / for combination switch + gG fuse / maximum permissible Main cirrout operating power at AC-23 A / at 240 V / rated value 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-23 A / at 400 V / rated value at AC-31 A / at 400 V / rated value at AC-31 A / at 400 V / rated value at AC-31 A / at 400 V / rated value at AC-31 A / at 600 V / rated value at AC-31 A / at 600 V / rated value at AC-31 A / at 600 V / rated value at AC-31 A / at 600 V / rated value at AC-31 A / at 600 V / rated value at AC-31 A / at 600 V / rated value at AC-31 A / at 600 V / rated value at AC-31 A / at 600 V / rated value at AC-31 A / at 600 V / rated value at AC-31 A / at 600 V / rated value at AC-31 A / at 600 V / rated value at AC-31 A / at 600 V / rated value at AC-31 A / at 600 V / rated value at AC-31 A / at 600 V / rated value at AC-31 A / at 600 V / rated value at AC-32 A / at 600 V / rated value at AC-34 A / at 600 V / rated value at AC-34 A / at 600 V / rated value author of NC contacts / for auxiliary contacts author of NC contacts / for auxiliary contacts author of NC contacts / for auxiliary contacts apparating value of auxiliary contacts apparating value of auxiliary contacts apparating value of AC / auxiliary contacts apparating value of AC / auxiliary contacts apparating value of AC / auxiliary contacts auxiliary contacts apparating value of AC / auxiliary contacts auxiliary contacts auxiliary contacts auxiliary contacts auxiliary contacts auxiliary contacts auxilia		
e at AC-21 A/ at 44 AV / rated value let-frough nument / of upstream fuse / rated value let-frough nument / with closed switch e at 440 V / for combination switch + gG fuse / at 460 V / for combination switch + gG fuse / at 460 V / for combination switch + gG fuse / at 460 V / for combination switch + gG fuse / at 460 V / for combination switch + gG fuse / at 460 V / for combination switch + gG fuse / at 460 V / for combination switch + gG fuse / at AC-23 A / at 240 V / rated value e at AC-23 A / at 240 V / rated value e at AC-23 A / at 400 V / rated value e at AC-31 A / at 400 V / rated value e at AC-31 at 400 V / rated value continuous current / of the auxiliary contacts number of AC contacts i for auxiliary contacts e at 400 V for auxiliary contacts e at		
Let-through current / with closed switch 20 A		
let-through current / with closed switch + at 44 by / for combination switch + gG fuse / axia warmum + at 80 by / for combination switch + gG fuse / axia warmum permissible Main circuit operating power at AC-23 A / at 24 0V / rated value		
at 440 V / for combination switch + gG fuse / maximum at 800 V / for combination switch + gG fuse / maximum permissible Main circuit operating power at AC-23 A / at 240 V / rated value at AC-23 A / at 240 V / rated value 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-31 A / at 420 V / rated value at AC-31 at 240 V / rated value at AC-31 at 240 V / rated value bit AC-3 / at 480 V / rated value at AC-3 / at 480 V / rated value bit AC-3 / at 480	·	20 A
maximum		
e at 690 V for combination switch + gG fuse / maximum permissible Main circuit operating power • at AC-23 A / at 40 V / rated value • at AC-23 A / at 40 V / rated value • at AC-23 A / at 40 V / rated value • at AC-23 A / at 40 V / rated value • at AC-23 A / at 40 V / rated value • at AC-23 A / at 40 V / rated value • at AC-3 A / at 40 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 • bit AC-3 / at 400 V / rated value • bit AC-3 / at 400 V / rated value • concent of the contacts / for auxiliary contacts operating volue of the contacts / for auxiliary contacts number of NC contacts / for auxiliary contacts operating voluege / of auxiliary contacts ourillary circuit number of NC contacts / for auxiliary contacts ourillary circuit number of NC contacts / for auxiliary contacts ourillary circuit number of NC contacts / for auxiliary contacts ourillary circuit number of NC contacts / for auxiliary contacts ourillary circuit number of NC contacts / for auxiliary contacts ourillary circuit ocollary circuit voluege / of the auxiliary contacts ourillary circuit volue of NC contacts / for auxiliary contacts ourillary circuit ourillary circuit volue / ourillary circuit		3 KA
maximum permissible Main circuit		3 №
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 440 V / rated value at AC-23 A / at 440 V / rated value at AC-23 A / at 400 V / rated value at AC-3 / at 240 V / rated value at AC-3 / at 240 V / rated value at AC-3 / at 240 V / rated value but AC-3 / at 240 V / rated value at AC-3 / at 240 V / rated value but AC-3 / at 240 V / rated value but AC-3 / at 240 V / rated value but AC-3 / at 240 V / rated value but Ac-3 / at 240 V / rated value but Ac-3 / at 240 V / rated value but Ac-3 / at 240 V / rated value but Ac-3 / at 240 V / rated value but Ac-3 / at 240 V / rated value but Ac-3 / at 240 V / rated value but Ac-3 / at 240 V / rated value but Ac-3 / at 240 V / rated value but Ac-3 / at 240 V / rated value but Ac-3 / at 240 V / rated value but Ac-3 / at 240 V / rated value but Ac-3 / at 240 V / rated value but Ac-3 / at 240 V / rated value but Ac-3 / at 240 V / rated value but Ac-3 / at 240 V / rated value but Ac-4 / ra		O IVA
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 440 V / rated value at AC-23 A / at 440 V / rated value at AC-23 A / at 400 V / rated value at AC-3 / at 240 V / rated value at AC-3 / at 240 V / rated value at AC-3 / at 240 V / rated value but AC-3 / at 240 V / rated value at AC-3 / at 240 V / rated value but AC-3 / at 240 V / rated value but AC-3 / at 240 V / rated value but AC-3 / at 240 V / rated value but Ac-3 / at 240 V / rated value but Ac-3 / at 240 V / rated value but Ac-3 / at 240 V / rated value but Ac-3 / at 240 V / rated value but Ac-3 / at 240 V / rated value but Ac-3 / at 240 V / rated value but Ac-3 / at 240 V / rated value but Ac-3 / at 240 V / rated value but Ac-3 / at 240 V / rated value but Ac-3 / at 240 V / rated value but Ac-3 / at 240 V / rated value but Ac-3 / at 240 V / rated value but Ac-3 / at 240 V / rated value but Ac-3 / at 240 V / rated value but Ac-3 / at 240 V / rated value but Ac-4 / ra	Main circuit	
* at AC-23 A / at 400 V / rated value		
at AC-23 A / at 400 V / rated value at AC-23 A / at 400 V / rated value At AC-23 A / at 600 V / rated value at AC-3 / at 240 V / rated value at AC-3 / at 240 V / rated value bat AC-3 / at 2600 V / rated value bat AC-3 / at 400 V / rated value bat AC-3 / at 600 V / rated value bat AC-3 / at 600 V / rated value bat AC-3 / at 600 V / rated value bat AC-3 / at 600 V / rated value bat AC-3 / at 600 V / rated value bat AC-3 / at 600 V / rated value bat AC-3 / at 600 V / rated value number of CC 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 soutability for use main switch switch disconnector emain switch switch disconnector emain switch switch disconnector emain switch safety switch safety switch emain switch yes aterity switch safety switch yes product feature control of the auxiliary element red Product details product feature can be locked into OFF position number of bracket locks / maximum product extension / optional more of the bracket locks / minimum hasp thickness / of the bracket locks / minimum hasp thickness / of the bracket locks / minimum hasp thickness / of the bracket locks / maximum product extension / optional more of the contact for a		4 kW
at AC-23 A / at 490 V / rated value at AC-23 A / at 590 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 6 kW at AC-3 / at 690 V / rated value 5.5 kW operational current / rated value 16 A Auxiliary circuit number of CO contacts / for auxiliary contacts 0 number of NC contacts / for auxiliary contacts 0 operating voltage / of auxiliary contacts 0 operating voltage / of auxiliary contacts 0 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 suitability suitability suitability for use • main switch • switch disconnector • EMERGENCY OFF switch • safety switch • safety switch • safety switch Appearance color / of the actualing element Product details Product details Appearance color / of the actualing element Product details Product details Appearance • can be locked into OFF position • can be locked into OFF position • woltage frigger No Short circuit conditional short-circuit current / with line-side fuse protection • at 600 V / by g6 fuse / rated value according UL operations of the bracket locks / maximum Finance of the conditional short-circuit current / with line-side fuse protection • at 600 V / by g6 fuse / rated value according UL operations of the plant at AC / according to UL 508/UL 60947-4-1 / rated value accive 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		
at AC-23 A / at 890 V / rated value at AC-3 / at 240 V / rated value at AC-3 / at 490 V / rated value bet AC-3 / at 690 V / rated value at AC-3 / at 690 V / rated value certain value bet Accided the value coperational current / rated value coperational current / rated value coperational current / rated value coperating voltage / of auxiliary contacts number of CO contacts / for auxiliary contacts number of NO contacts / for auxiliary contacts number of NO contacts / for auxiliary contacts number of NO contacts / for auxiliary contacts operating voltage / of auxiliary contacts / operating voltage / of auxiliary contacts / at AC / maximum continuous current / of the auxiliary contact / rated value 500 V Sultability Sultability for use main switch switch disconnector emain switch switch disconnector emain switch emain auxiliary switch / rated value EMERGENCY OFF switch safety switch emain acutating element / yes Appearance color / of the acutating element / yes Appearance color / of the acutating element / yes Appearance color / of the acutating element / yes - number of bracket locks / maximum approduct feature - can be locked into OFF position number of bracket locks / maximum product extension / optional - molor drive - notion drive - notion of ordive - notion of or	at AC-23 A / at 440 V / rated value	7.5 kW
at AC-3 / at 400 V / rated value at AC-3 / at 600 V / rated value 5.5 kW operational current / rated value 16 A Auxillary 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 0 operating voltage / of auxiliary contacts / at AC / maximum continuous current / of the auxiliary contact / rated value insulation voltage r of the auxiliary switch / rated value Sou V Suitability suitability for use • main switch • switch disconnector • safety switch • switch disconnector • EMERGENCY OFF switch • safety switch • maintenance/repair switch Yes • safety switch • maintenance/repair switch Yes • safety shich • maintenance/repair switch Yes • notor of the actuating element Product details product feature • a can be locked into OFF position number of bracket locks / maximum hasp thickness / of the bracket locks / minimum hasp thickness / of the bracket locks / minimum • notor drive • voltage trigger No Short circuit conditional short-circuit current / with line-side fuse protection • at 690 V / by gG fuse / rated value according UL operating voltage / at AC / at 480 V / according to UL 588/UL 60947-4-1 / rated value active power (hp) / at AC / at 480 V / according to UL 588/UL 60947-4-1 / rated value active power (hp) / at AC / at 480 V / according to UL 588/UL 60947-4-1 / rated value active power (hp) / at AC / at 480 V / according to UL 588/UL 60947-4-1 / rated value active power (hp) / at AC / at 480 V / according to UL 588/UL 60947-4-1 / rated value active power (hp) / at AC / at 480 V / according to UL 588/UL 60947-4-1 / rated value active power (hp) / at AC / at 480 V / according to UL 588/UL 60947-4-1 / rated value active power (hp) / at AC / at 480 V / according to UL 588/UL 60947-4-1 / rated value		
at AC-3 / at 400 V / rated value at AC-3 / at 600 V / rated value 5.5 kW operational current / rated value 16 A Auxillary 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 0 operating voltage / of auxiliary contacts / at AC / maximum continuous current / of the auxiliary contact / rated value insulation voltage r of the auxiliary switch / rated value Sou V Suitability suitability for use • main switch • switch disconnector • safety switch • switch disconnector • EMERGENCY OFF switch • safety switch • maintenance/repair switch Yes • safety switch • maintenance/repair switch Yes • safety shich • maintenance/repair switch Yes • notor of the actuating element Product details product feature • a can be locked into OFF position number of bracket locks / maximum hasp thickness / of the bracket locks / minimum hasp thickness / of the bracket locks / minimum • notor drive • voltage trigger No Short circuit conditional short-circuit current / with line-side fuse protection • at 690 V / by gG fuse / rated value according UL operating voltage / at AC / at 480 V / according to UL 588/UL 60947-4-1 / rated value active power (hp) / at AC / at 480 V / according to UL 588/UL 60947-4-1 / rated value active power (hp) / at AC / at 480 V / according to UL 588/UL 60947-4-1 / rated value active power (hp) / at AC / at 480 V / according to UL 588/UL 60947-4-1 / rated value active power (hp) / at AC / at 480 V / according to UL 588/UL 60947-4-1 / rated value active power (hp) / at AC / at 480 V / according to UL 588/UL 60947-4-1 / rated value active power (hp) / at AC / at 480 V / according to UL 588/UL 60947-4-1 / rated value active power (hp) / at AC / at 480 V / according to UL 588/UL 60947-4-1 / rated value		
• at AC-3 / at 690 V / rated value operational current / rated value Abxillary creuit number of CO contacts / for auxiliary contacts number of NC contacts / for auxiliary contacts o number of NC contacts / for auxiliary contacts o operating voltage / of auxiliary contacts operating voltage / of auxiliary contacts / at AC / maximum continuous current / of the auxiliary contact / rated value insulation voltage / of the auxiliary switch / rated value suitability suitability suitability for use • main switch • switch disconnector • EMERGENCY OFF switch • safety switch • safety switch • maintenance/repair switch • maintenance/repair switch • maintenance/repair switch • color / of the actuating element red Product details product feature • can be locked into OFF position number of bracket locks / maximum hasp thickness / of the bracket locks / minimum hasp thickness / of the bracket locks / minimum hasp thickness / of the bracket locks / maximum • omotor drive • voltage trigger No Short circuit conditional short-circuit current / with line-side fuse protection • at 690 Y / by gG fuse / rated value scherology at AC / at 50/60 Rz / according to UL 508/UL 69947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 69947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 69947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 69947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 69947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 69947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 69947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 69947-4-1 / rated value		
operational current / rated value Auxiliary circuit number of OC contacts / for auxiliary contacts 0 number of NC contacts / for auxiliary contacts 0 operating voltage / of auxiliary contacts 0 operating voltage / of auxiliary contacts 0 operating voltage / of auxiliary contacts / 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 **Onto V		
Auxillary circuit number of CO 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 • EMERGENCY OFF switch • switch disconnector • EMERGENCY OFF switch • safety switch • safety switch • maintenance/repair switch Appearance color / of the actuating element Product dataits 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 product extension / optional • motor drive • voltage trigger Short circuit conditional short-circuit current / with line-side fuse protection • at 690 Y / by gG fuse / rated value active power [np] / at AC / at 6900 Nz / according to UL 508/UL 60947-4-1 / rated value active power [np] / at AC / at 6800 V / according to UL 508/UL 60947-4-1 / rated value active power [np] / at AC / at 6800 V / according to UL 508/UL 60947-4-1 / rated value active power [np] / at AC / at 6800 V / according to UL 508/UL 60947-4-1 / rated value active power [np] / at AC / at 6800 V / according to UL 508/UL 60947-4-1 / rated value active power [np] / at AC / at 6800 V / according to UL 508/UL 60947-4-1 / rated value active power [np] / at AC / at 6800 V / according to UL 508/UL 60947-4-1 / rated value active power [np] / at AC / at 6800 V / according to UL 508/UL 60947-4-1 / rated value active power [np] / at AC / at 6800 V / according to UL 508/UL 60947-4-1 / rated value		
number of CO contacts / for auxiliary contacts number of NC contacts / for auxiliary contacts operating voltage / of 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 source / of the auxiliary switch / rated value suitability suit	·	
number of NC contacts / for auxiliary contacts 0 number of NC contacts / for auxiliary contacts 0 operating voltage / of auxiliary contact / rated value 500 V continuous current / of the auxiliary contact / rated value insulation voltage / of the auxiliary switch / rated value 500 V Suitability Suitability Suitability Wes • main switch Yes • switch disconnector Yes • safety switch Yes • safety switch Yes • maintenance/repair switch Yes • maintenance/repair switch Yes • maintenance/repair switch Yes • maintenance/repair switch Yes • maintenance/repair switch Yes • maintenance/repair switch Yes • maintenance/repair switch Yes • maintenance/repair switch Yes • maintenance/repair switch Yes number of bracket locks / maximum 2 hasp thickness / of the bracket locks / minimum 4 mm hamper of bracket locks / maximum 5 mm product extension / optional • motor drive No woltage trigger No Short circuit conditional short-circuit current / with line-side fuse protection • at 690 V / by gG fuse / rated value 50 kA according UL operational current / at AC / according to UL 508/UL 60947-4-1 / rated value 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 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 / solve / so		
operating voltage / of auxiliary contacts / at AC / maximum continuous current / of the auxiliary contact / rated value insulation voltage / of the auxiliary switch / rated value suitability suitability for use • main switch • switch disconnector • EMERGENCY OFF switch • safety switch • maintenance/repair switch • maintenance/repair switch • safety switch • maintenance/repair switch • maintenance/repair switch • respectively switch • safety switch • maintenance/repair switch • respectively switch • maintenance/repair switch • respectively switch • safety switch • maintenance/repair switch • respectively swi		
continuous current / of the auxiliary contact / rated value insulation voltage / of the auxiliary switch / rated value Suitability suitability suitability for use • main switch • switch disconnector • EMERGENCY OFF switch • safety switch • safety switch • maintenance/repair switch • maintenance/repair 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 a can be locked into OFF position number of bracket locks / maximum hasp thickness / of the bracket locks / maximum product extension / optional • motor drive • voltage trigger Short circuit conditional short-circuit current / with line-side fuse protection • at 690 V / by gG fuse / rated value according UL operational current / at AC / at 60/60 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 60/60 V / according to UL 508/UL 60947-4-1 / rated value short-time withstand current (SCCR) / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp.] At AC / at 60/60 V / according to UL 508/UL 60947-4-1 / rated value active power [hp.] At AC / at 60/60 V / according to UL 508/UL 60947-4-1 / rated value active power [hp.] At AC / at 60/60 V / according to UL 508/UL 60947-4-1 / rated value active power [hp.] At AC / at 60/60 V / according to UL 508/UL 60947-4-1 / rated value active power [hp.] At AC / at 60/60 V / according to UL 508/UL 60947-4-1 / rated value short-time withstand current (SCCR) / at 600 V / according to UL 508/UL 60947-4-1 / rated value		
insulation voltage / of the auxiliary switch / rated value Suitability suitability for use • main switch • switch disconnector • safety switch • safety switch • maintenance/repair switch Yes • maintenance/repair switch Appearance color / of the actuating element Product detailis product feature • can be locked into OFF position number of bracket locks / maximum hasp thickness / of the bracket locks / minimum hasp thickness / of the bracket locks / maximum product extension / optional • motor drive • voltage trigger Short circuit conditional short-circuit current / with line-side fuse protection • at 690 V / by gG fuse / rated value according UL operational current / at AC / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 4800 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value		
Suitability suitability for use • main switch • switch disconnector • EMERGENCY OFF switch • safety switch • maintenance/repair switch • maintenance/repair switch • red Appearance color / of the actuating element Product dotalls 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 • motor drive • voltage trigger Short circuit conditional short-circuit current / with line-side fuse protection • at 690 V / by gG fuse / rated value according UL operational current / at AC / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 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 60 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 60 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 60 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 60 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 60 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 60 V / according to UL 508/UL 60947-4-1 / rated value		
suitability for use • main switch • switch disconnector • EMERGENCY OFF switch • safety switch • maintenance/repair switch Product details product feature • can be locked into OFF position number of bracket locks / maximum hasp thickness / of the bracket locks / minimum hasp thickness / of the bracket locks / maximum product extension / optional • motor drive • voltage trigger Short circuit conditional short-circuit current / with line-side fuse protection • at 690 V / by gG fuse / rated value operational current / at AC / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 480 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 480 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 480 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 480 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value		000 V
main switch switch disconnector EMERGENCY OFF switch safety switch maintenance/repair switch maintenance/repair switch red Product details product feature can be locked into OFF position namber of bracket locks / maximum hasp thickness / of the bracket locks / minimum hasp thickness / of the bracket locks / maximum product extension / optional motor drive voltage trigger Short circuit conditional short-circuit current / with line-side fuse profection 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 150/00 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 short-time withstand current (SCCR) / at 600 V / according to UL 508/UL 60947-4-1 / rated value		
Switch disconnector EMERGENCY OFF switch Safety switch maintenance/repair switch Appearance color / of the actuating element Product details product feature ocan be locked into OFF position number of bracket locks / maximum hasp thickness / of the bracket locks / minimum hasp thickness / of the bracket locks / maximum ontor drive voltage trigger Short circuit conditional short-circuit current / with line-side fuse protection at 690 V / by gG fuse / rated value operating UL operational current / at AC / at 50/60 Hz / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 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 480 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 480 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 480 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 480 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 480 V / according to UL 508/UL 60947-4-1 / rated value short-time withstand current (SCCR) / at 600 V / according to UL 508/UL 60947-4-1 / rated value	•	Vac
EMERGENCY OFF switch safety switch safety switch maintenance/repair switch Yes Appearance color / of the actuating element Product details product feature safety score of position or can be locked into OFF position number of bracket locks / maximum 2 hasp thickness / of the bracket locks / maximum 4 mm hasp thickness / of the bracket locks / maximum 6 mm product extension / optional motor drive voltage trigger Short circuit conditional short-circuit current / with line-side fuse protection at 690 V / by gG fuse / rated value service of the state of the bracket 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 450 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 400 V / according to UL 508/UL 60947-4-1 / rated value short-time withstand current (SCCR) / at 600 V / according 5 kA		
* 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 product extension / optional * motor drive * voltage trigger Short circuit conditional short-circuit current / with line-side fuse protection * at 690 V / by gG fuse / rated value 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 600 V / according to UL 508/UL 60947-4-1 / rated value short-time withstand current (SCR) / at 600 V / according 5 kA		
maintenance/repair switch Appearance color / of the actuating element red Product details product feature	switch disconnector	Yes
Appearance color / of the actuating element red Product details product feature • can be locked into OFF position Yes number of bracket locks / maximum 2 hasp thickness / of the bracket locks / minimum 4 mm hasp thickness / of the bracket locks / maximum 6 mm product extension / optional • motor drive No • voltage trigger No Short circuit conditional short-circuit current / with line-side fuse protection • at 690 V / by gG fuse / rated value 50 kA according UL operational current / at AC / according to UL 508/UL 60947-4-1 / rated value operating voltage / at AC / at 50/60 Hz / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 480 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 480 V / according to UL 508/UL 60947-4-1 / rated value short-time withstand current (SCCR) / at 600 V / according 5 kA	switch disconnectorEMERGENCY OFF switch	Yes Yes
color / of the actuating element red 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 • motor drive • voltage trigger Short circuit conditional short-circuit current / with line-side fuse protection • at 690 V / by gG fuse / rated value according UL operational current / at AC / according to UL 508/UL 60947-4-1 / rated value operating voltage / at AC / at 50/60 Hz / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 480 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value short-time withstand current (SCCR) / at 600 V / according 5 kA	switch disconnectorEMERGENCY OFF switchsafety switch	Yes Yes Yes
product details product feature • can be locked into OFF position number of bracket locks / maximum hasp thickness / of the bracket locks / minimum hasp thickness / of the bracket locks / maximum product extension / optional • motor drive • voltage trigger Short circuit conditional short-circuit current / with line-side fuse protection • at 690 V / by gG fuse / rated value according UL operational current / at AC / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 480 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value short-time withstand current (SCCR) / at 600 V / according 5 kA	 switch disconnector EMERGENCY OFF switch safety switch maintenance/repair switch 	Yes Yes Yes
product feature	 switch disconnector EMERGENCY OFF switch safety switch maintenance/repair switch Appearance	Yes Yes Yes Yes
• can be locked into OFF position number of bracket locks / maximum hasp thickness / of the bracket locks / minimum hasp thickness / of the bracket locks / maximum product extension / optional • motor drive • voltage trigger No Short circuit conditional short-circuit current / with line-side fuse protection • at 690 V / by gG fuse / rated value according UL operational current / at AC / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 480 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value short-time withstand current (SCCR) / at 600 V / according 5 kA	switch disconnector EMERGENCY OFF switch safety switch maintenance/repair switch Appearance color / of the actuating element	Yes Yes Yes Yes
number of bracket locks / maximum 2 hasp thickness / of the bracket locks / minimum 4 mm hasp thickness / of the bracket locks / maximum 6 mm product extension / optional	 switch disconnector EMERGENCY OFF switch safety switch maintenance/repair switch Appearance color / of the actuating element Product details 	Yes Yes Yes Yes
hasp thickness / of the bracket locks / minimum hasp thickness / of the bracket locks / maximum omotor drive ovoltage trigger No Short circuit conditional short-circuit current / with line-side fuse protection omotor drive 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 short-time withstand current (SCCR) / at 600 V / according 5 kA	switch disconnector EMERGENCY OFF switch safety switch maintenance/repair switch Appearance color / of the actuating element Product details product feature	Yes Yes Yes Yes Yes red
hasp thickness / of the bracket locks / maximum product extension / optional • motor drive • voltage trigger No Short circuit conditional short-circuit current / with line-side fuse protection • at 690 V / by gG fuse / rated value 50 kA according UL operational current / at AC / according to UL 508/UL 60947-4-1 / rated value operating voltage / at AC / at 50/60 Hz / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 480 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value short-time withstand current (SCCR) / at 600 V / according 5 kA	switch disconnector EMERGENCY OFF switch safety switch maintenance/repair switch Appearance color / of the actuating element Product details product feature can be locked into OFF position	Yes Yes Yes Yes Yes Yes Yes
product extension / optional • motor drive • voltage trigger No Short circuit conditional short-circuit current / with line-side fuse protection • at 690 V / by gG fuse / rated value 50 kA according UL operational current / at AC / according to UL 508/UL 60947-4-1 / rated value operating voltage / at AC / at 50/60 Hz / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 480 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value short-time withstand current (SCCR) / at 600 V / according 5 kA	switch disconnector EMERGENCY OFF switch safety switch maintenance/repair switch Appearance color / of the actuating element Product details product feature can be locked into OFF position number of bracket locks / maximum	Yes Yes Yes Yes Yes Yes 2
motor drive voltage trigger No Short circuit conditional short-circuit current / with line-side fuse protection at 690 V / by gG fuse / rated value according UL operational current / at AC / according to UL 508/UL 60947-4-1 / rated value operating voltage / at AC / at 50/60 Hz / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 480 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value short-time withstand current (SCCR) / at 600 V / according 5 kA	switch disconnector EMERGENCY OFF switch safety switch maintenance/repair switch Appearance color / of the actuating element Product details product feature can be locked into OFF position number of bracket locks / maximum hasp thickness / of the bracket locks / minimum	Yes Yes Yes Yes Yes Yes red Yes 2 4 mm
● voltage trigger Short circuit conditional short-circuit current / with line-side fuse protection ● at 690 V / by gG fuse / rated value 50 kA according UL operational current / at AC / according to UL 508/UL 60947-4-1 / rated value operating voltage / at AC / at 50/60 Hz / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 480 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value short-time withstand current (SCCR) / at 600 V / according 5 kA	switch disconnector EMERGENCY OFF switch safety switch maintenance/repair switch Appearance color / of the actuating element Product details product feature can be locked into OFF position number of bracket locks / maximum hasp thickness / of the bracket locks / maximum hasp thickness / of the bracket locks / maximum	Yes Yes Yes Yes Yes Yes red Yes 2 4 mm
Short circuit conditional short-circuit current / with line-side fuse protection ■ at 690 V / by gG fuse / rated value 50 kA according UL operational current / at AC / according to UL 508/UL 60947-4-1 / rated value operating voltage / at AC / at 50/60 Hz / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 480 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value short-time withstand current (SCCR) / at 600 V / according 5 kA	switch disconnector EMERGENCY OFF switch safety switch maintenance/repair switch Appearance color / of the actuating element Product details product feature can be locked into OFF position number of bracket locks / maximum hasp thickness / of the bracket locks / maximum hasp thickness / of the bracket locks / maximum product extension / optional	Yes Yes Yes Yes Yes red Yes 2 4 mm 6 mm
conditional short-circuit current / with line-side fuse protection ■ at 690 V / by gG fuse / rated value 50 kA according UL operational current / at AC / according to UL 508/UL 60947-4-1 / rated value operating voltage / at AC / at 50/60 Hz / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 480 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value short-time withstand current (SCCR) / at 600 V / according 5 kA	switch disconnector EMERGENCY OFF switch safety switch maintenance/repair switch Appearance color / of the actuating element Product details product feature can be locked into OFF position number of bracket locks / maximum hasp thickness / of the bracket locks / maximum product extension / optional motor drive	Yes Yes Yes Yes Yes red Yes 2 4 mm 6 mm No
protection	switch disconnector EMERGENCY OFF switch safety switch maintenance/repair switch Appearance color / of the actuating element Product details product feature can be locked into OFF position number of bracket locks / maximum hasp thickness / of the bracket locks / minimum hasp thickness / of the bracket locks / maximum product extension / optional motor drive voltage trigger	Yes Yes Yes Yes Yes red Yes 2 4 mm 6 mm No
operational current / at AC / according to UL 508/UL 60947-4-1 / rated value operating voltage / at AC / at 50/60 Hz / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 480 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value short-time withstand current (SCCR) / at 600 V / according 5 kA	switch disconnector EMERGENCY OFF switch safety switch maintenance/repair switch Appearance color / of the actuating element Product details product feature can be locked into OFF position number of bracket locks / maximum hasp thickness / of the bracket locks / minimum hasp thickness / of the bracket locks / maximum product extension / optional motor drive voltage trigger Short circuit	Yes Yes Yes Yes red Yes 2 4 mm 6 mm
operational current / at AC / according to UL 508/UL 60947-4-1 / rated value operating voltage / at AC / at 50/60 Hz / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 480 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value short-time withstand current (SCCR) / at 600 V / according 5 kA	switch disconnector EMERGENCY OFF switch safety switch maintenance/repair switch Appearance color / of the actuating element Product details product feature can be locked into OFF position number of bracket locks / maximum hasp thickness / of the bracket locks / minimum hasp thickness / of the bracket locks / maximum product extension / optional motor drive voltage trigger Short circuit conditional short-circuit current / with line-side fuse protection	Yes Yes Yes Yes Yes red Yes 2 4 mm 6 mm No No
operating voltage / at AC / at 50/60 Hz / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 480 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value short-time withstand current (SCCR) / at 600 V / according 5 kA	switch disconnector EMERGENCY OFF switch safety switch maintenance/repair switch Appearance color / of the actuating element Product details product feature can be locked into OFF position number of bracket locks / maximum hasp thickness / of the bracket locks / minimum hasp thickness / of the bracket locks / maximum product extension / optional motor drive voltage trigger Short circuit conditional short-circuit current / with line-side fuse protection at 690 V / by gG fuse / rated value	Yes Yes Yes Yes Yes red Yes 2 4 mm 6 mm No No
short-time withstand current (SCCR) / at 600 V / according to UL standard to UL short-time withstand current (SCCR) / at 600 V / according to UL standard to UL short-time withstand current (SCCR) / at 600 V / according to UL short-time withstand current (SCCR) / at 600 V / according to UL short-time withstand current (SCCR) / at 600 V / according to UL short-time withstand current (SCCR) / at 600 V / according to UL short-time withstand current (SCCR) / at 600 V / according to UL short-time withstand current (SCCR) / at 600 V / according to UL short-time withstand current (SCCR) / at 600 V / according to UL short-time withstand current (SCCR) / at 600 V / according to UL short-time withstand current (SCCR) / at 600 V / according to UL short-time withstand current (SCCR) / at 600 V / according to UL short-time withstand current (SCCR) / at 600 V / according to UL short-time withstand current (SCCR) / at 600 V / according to UL short-time withstand current (SCCR) / at 600 V / according to UL short-time withstand current (SCCR) / at 600 V / according to UL short-time withstand current (SCCR) / at 600 V / according to UL short-time withstand current (SCCR) / at 600 V / according to UL short-time withstand current (SCCR) / at 600 V / according to UL short-time withstand current (SCCR) / at 600 V / according to UL short-time withstand current (SCCR) / at 600 V / according to UL short-time withstand current (SCCR) / at 600 V / according to UL short-time withstand current (SCCR) / at 600 V / according to UL short-time withstand current (SCCR) / at 600 V / according to UL short-time withstand current (SCCR) / at 600 V / according to UL short-time withstand current (SCCR) / at 600 V / according to UL short-time withstand current (SCCR) / at 600 V / according to UL short-time withstand current (SCCR) / at 600 V / according to UL short-time withstand current (SCCR) / at 600 V / according to UL short-time withstand current (SCCR) / at 600 V / according to UL short-time withstand current (SCCR) / at 600 V / according to UL s	switch disconnector EMERGENCY OFF switch safety switch maintenance/repair switch Appearance color / of the actuating element Product details product feature can be locked into OFF position number of bracket locks / maximum hasp thickness / of the bracket locks / minimum hasp thickness / of the bracket locks / maximum product extension / optional motor drive voltage trigger Short circuit conditional short-circuit current / with line-side fuse protection at 690 V / by gG fuse / rated value	Yes Yes Yes Yes Yes red Yes 2 4 mm 6 mm No No
508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value short-time withstand current (SCCR) / at 600 V / according 5 kA	switch disconnector EMERGENCY OFF switch safety switch maintenance/repair switch Appearance color / of the actuating element Product details product feature can be locked into OFF position number of bracket locks / maximum hasp thickness / of the bracket locks / minimum hasp thickness / of the bracket locks / maximum product extension / optional motor drive voltage trigger Short circuit conditional short-circuit current / with line-side fuse protection at 690 V / by gG fuse / rated value according UL operational current / at AC / according to UL 508/UL	Yes Yes Yes Yes red Yes 2 4 mm 6 mm No No
508/UL 60947-4-1 / rated value short-time withstand current (SCCR) / at 600 V / according 5 kA	switch disconnector EMERGENCY OFF switch safety switch maintenance/repair switch Appearance color / of the actuating element Product details product feature can be locked into OFF position number of bracket locks / maximum hasp thickness / of the bracket locks / minimum hasp thickness / of the bracket locks / maximum product extension / optional motor drive voltage trigger Short circuit conditional short-circuit current / with line-side fuse protection at 690 V / by gG fuse / rated value according UL operational current / at AC / according to UL 508/UL 60947-4-1 / rated value operating voltage / at AC / at 50/60 Hz / according to UL	Yes Yes Yes Yes Yes red Yes 2 4 mm 6 mm No No No
	switch disconnector EMERGENCY OFF switch safety switch maintenance/repair switch Appearance color / of the actuating element Product details product feature can be locked into OFF position number of bracket locks / maximum hasp thickness / of the bracket locks / minimum hasp thickness / of the bracket locks / maximum product extension / optional motor drive voltage trigger Short circuit conditional short-circuit current / with line-side fuse protection at 690 V / by gG fuse / rated value according UL operational current / at AC / according to UL 508/UL 60947-4-1 / rated value operating voltage / at AC / at 50/60 Hz / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 480 V / according to UL	Yes Yes Yes Yes red Yes 2 4 mm 6 mm No No No To kA
	switch disconnector EMERGENCY OFF switch safety switch maintenance/repair switch Appearance color / of the actuating element Product details product feature can be locked into OFF position number of bracket locks / maximum hasp thickness / of the bracket locks / minimum hasp thickness / of the bracket locks / maximum product extension / optional motor drive voltage trigger Short circuit conditional short-circuit current / with line-side fuse protection at 690 V / by gG fuse / rated value according UL operational current / at AC / according to UL 508/UL 60947-4-1 / rated value operating voltage / at AC / at 50/60 Hz / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 480 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL	Yes Yes Yes Yes red Yes 2 4 mm 6 mm No No No 7.5

continuous current / of upstream fuse / according to UL / rated value	50 A
type of fuse / according to UL	RK5
Number	
number of connectable NC contacts / for auxiliary contacts / attachable / maximum	1
number of connectable NO contacts / for auxiliary contacts / attachable / maximum	1
number of connectable CO contacts / for auxiliary contacts / attachable / maximum	0
Connections	
AWG number / as coded connectable conductor cross section / solid	
• maximum	10
• minimum	18
type of connectable conductor cross-sections / for copper conductor	
• solid	1x (16mm²)
 finely stranded / with core end processing 	1x (14mm²)
stranded	1x (16mm²)
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	connection terminals
Requirements	
design of the fuse link	
 for short-circuit protection of the main circuit / required 	fuse gL/gG: 20 A
for short-circuit protection of the auxiliary switch / required	fuse gL/gG: 10 A
Mechanical Design	
height	66 mm
width	49 mm
depth	113.5 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	199 g
Environmental conditions	
ambient temperature / during operation	05.00
• minimum	-25 °C
maximum ambient temperature / during storage / minimum	55 °C
ambient temperature / during storage / minimum	-25 °C
General Product Approval	



Confirmation







Miscellaneous





other

Environmental Confirmations

Further information

Information- and Downloadcenter (Catalogs, Brochures,...)

http://www.siemens.com/lowvoltage/catalogs

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3LD2050-1TL13

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

https://support.industry.siemens.com/cs/ww/en/ps/3LD2050-1TL13

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3LD2050-1TL13

CAx-Online-Generator

http://www.siemens.com/cax

Tender specifications

http://www.siemens.com/specifications

