SIEMENS

Data sheet 3LD2022-0TK11



SENTRON, Switch disconnector 3LD, main switch, 3-pole, lu: 16 A, Operating power / at AC-23 A at 400 V: 7.5 kW, front-mounted, knoboperated mechanism, black, 4-hole mounting of the handle

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	
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./ 1.1.1	10.1
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 16 A operational current / rot upstream fuse / rated value 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-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 400 V / rated value at AC-31 A / at 600 V / rated value be at AC-31 A / at 600 V / rated value at AC-31 A / at 600 V / rated value be at AC-31 A / at 600 V / rated value be at AC-31 A / at 600 V / rated value be at AC-31 A / at 600 V / rated value be at AC-31 A / at 600 V / rated value be at AC-31 A / at 600 V / rated value be at AC-31 A / at 600 V / rated value be at AC-31 A / at 600 V / rated value be at AC-31 A / at 600 V / rated value be at AC-31 A / at 600 V / rated value be at AC-31 A / at 600 V / rated value be at AC-31 A / at 600 V / rated value be at AC-32 A / at 600 V / rated value be at AC-32 A / at 600 V / rated value be at AC-32 A / at 600 V / rated value be at AC-32 A / at 600 V / rated value be at AC-32 A / at 600 V / rated value be at AC-32 A / at 600 V / rated value be at AC-32 A / at 600 V / rated value be at AC-32 A / at 600 V / rated value be at AC-32 A / at 600 V / rated value be at AC-32 A / at 600 V / rated value be at AC-32 A / at 600 V / rated value be at AC-32 A / at 600 V / rated value be at AC-32 A / at 600 V		
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 480 V / for combination switch + gG fuse / at 480 V / for combination switch + gG fuse / at 480 V / for combination switch + gG fuse / at 480 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-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 e at AC-32 at 400 V / rated value e at AC-31 at 400 V / rated value e at AC-31 at 400 V / rated value e at AC-31 at 400 V / rated value e at AC-31 at 400 V / rated value e at AC-31 at 400 V / rated value e at AC-31 at 400 V / rated value e at AC-31 at 400 V / rated value e at AC-31 at 400 V / rated value e at AC-31 at 400 V / rated value e at AC-31 at 400 V / rated value e at AC-31 at 400 V / rated value e at AC-31 at 400 V / rated value e at AC-31 at 400 V / rated value e at AC-31 at 400 V / rated value e at AC-31 at 400 V / rated value e at AC-31 at 400 V / rate		
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 20 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-32 A / at 40 V / rated value • at AC-32 A / at 40 V / rated value • at AC-33 A / at 90 V / rated value • at AC-31 at 20 V / rated value • at AC-31 at 20 V / rated value • at AC-31 at 20 V / rated value • at AC-31 at 20 V / rated value • at AC-3 / at 400 V / rated value • at AC-3 / 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 **To AC-3 / at 500 V		
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 680 V / rated value bit AC-3 / at 680 V / rated value bit AC-3 / at 680 V / rated value bit AC-3 / at 680 V / rated value bit According virtual value bit AC-3 / at 680 V / rated value bit According virtual value bit Accordinate / for auxiliary contacts continuous current / rated value continuous current / of the auxiliary contacts continuous current / of the auxiliary contacts continuous current / of the auxiliary contacts continuous current / of the auxiliary contact on continuous current / of the current / of	·	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 • bat AC-3 / at 400 V / rated value • bat 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 ourboar our		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		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	Main circuit	
* at AC-23 A / at 400 V / rated value	operating power	
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 200 V / rated value at AC-3 / at 200 V / rated value but AC-3 / at 400 V / rated value st AC-3 / at 400 V / rated value but AC-3 / at 600 V / rated value 5.5 kW operational current / rated value Auxiliary circuit number of CO contacts / for auxiliary contacts number of NC 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 / at AC / maximum continuous current / of the auxiliary contact / at AC / maximum continuous current / of the auxiliary contact / at AC / maximum continuous current / of the auxiliary contact / at AC / maximum continuous current / of the auxiliary contact / at AC / maximum suitability for use * main switch * waitch disconnector * yes * main switch * switch disconnector * EMERGENCY OFF switch * waitch disconnector * yes * safety switch * en anitenance/repair switch * safety switch * on anitenance/repair switch * on anitenance/repair switch * on anitenance/repair switch * on another of the current / with line-side fuse product deature * can be locked into OFF position number of bracket locks / maximum product extension / optional * motor drive * voltage ringer No * No * voltage ringer No Short circuit conditional short-circuit current / with line-side fuse protection * at 680 V / by g6 fuse / rated value * 50 kA * according UL * operating voltage / at AC / at 480 V / according to UL * 508/UL 60947-4-1 / rated value poperating voltage / at AC / at 50/60 Hz / according to UL * 508/UL 60947-4-1 / rated value poperating voltage / at AC / at 600 V / according to UL * 508/UL 60947-4-1 / rated value poperating voltage / at AC / at 600 V / according to UL * 508/UL 60947-4-1 / rated value poperating voltage / at AC / at 600 V / according to UL * 508/UL 60947-4-1 / rated value poperati		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 6 kW at AC-3 / at 400 V / rated value 6 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 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 suitability suitability suitability for use 0 main switch 1 yes 0 main switch 1 yes 0 maintenance/repair switch 2 maintenance/repair switch 3 maintenance/repair switch 4 maintenance/repair switch 4 maintenance/repair switch 5 motor drive 0 can be locked into OFF position 1 mumber of bracket locks / maximum 2 maps thickness / of the bracket locks / minimum 4 man hasp thickness / of the bracket locks / minimum 6 mm 7 product drives / maximum 7 at 600 V by g6 fuse / rated value 8 voltage frigger 8 No 8 Short circuit conditional short-circuit current / with line-side fuse protection 1 at 600 V by g6 fuse / rated value 8 ocording UL 9 operating voltage / at AC / at 600 V / according to UL 508UL 60947-4-1 / rated value 8 ocording UL 508UL 60947-4-1 / rated value 8 ocording to UL 508UL 60947-4-1 rated value 9 ocording to UL 508UL 60947-4-1 rated value 9 ocording to UL 508UL 60947-4-1 rated value 9 o		
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 5.5 kW operational current / rated value 16 A 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 / operating voltage / of auxiliary contacts / operating voltage / of auxiliary contacts / at AC / maximum continuous current / of the auxiliary swritch / rated value 500 V Sultability Sultability for use main swritch swritch disconnector emain swritch swritch disconnector EMERGENCY OFF swritch safety swritch safety swritch can be locked into OFF position ves afety swritch can be locked into OFF position number of bracket locks / maximum product feature can be locked into OFF position number of bracket locks / maximum apage thickness / of the bracket locks / minimum nproduct extension / optional nord offive nonior drive nonior drive No Short circuit conditional short-circuit current / with line-side fuse profection at 690 V by gG fuse / rated value secording UL operating voltage / at AC / at 480 V / according to UL 508/UL 60947-4-1 / rated value short-line withstand current / get of the Value operating voltage / at AC / at 480 V / according to UL 508/UL 60947-4-1 / rated value short-line withstand current (sock of 1 at 600 V / according to UL 508/UL 60947-4-1 / rated value short-line withstand current (sock of 1 at 600 V / according to UL 508/UL 60947-4-1 / rated value short-line withstand current (sock of 1 at 600 V / according to UL 508/UL 60947-4-1 / rated value short-line withstand current (sock of 1 at 600 V / according to UL 508/UL 60947-4-1 / rated value short-line withstand current (sock of 1 at 600 V / according to UL 508/UL 60947-4-1 / rated value	 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 be at AC-3 / at 600 V / rated value coperational 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 Soutability suitability for use • main switch • switch disconnector • safety switch • switch disconnector • EMERGENCY OFF switch • maintenance/repair switch • maintenance/repair switch • maintenance/repair switch • roduct 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 • notor drive • voltage trigger No Short circuit conditional short-circuit current / with line-side fuse protection • at 690 V / by g G 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 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 continuous current / of the auxiliary contact / rated value sinsulation voltage / of the auxiliary switch / rated value 500 V Suitability suitability for use • main switch • switch disconnector • safety switch • switch disconnector • EMERGENCY OFF switch • naintenance/repair switch • rated value **Product details** product feature • can be locked into OFF position number of bracket locks / maximum 2 hasp thickness / of the bracket locks / minimum hasp thickness / of the bracket locks / minimum hasp thickness / of the bracket locks / minimum • notor drive • voltage trigger No **Short Circuit conditional short-circuit current / with line-side fuse protection • at 690 V / by g G fuse / rated value **Scording UL operating voltage / at A C / at 480 V / according to UL 588/UL 69947-4-1 / rated value active power(hp) / at AC / at 480 V / according to UL 588/UL 69947-4-1 / rated value active power(hp) / at AC / at 480 V / according to UL 588/UL 69947-4-1 / rated value active power(hp) / at AC / at 480 V / according to UL 588/UL 69947-4-1 / rated value active power(hp) / at AC / at 480 V / according to UL 588/UL 69947-4-1 / rated value active power(hp) / at AC / at 480 V / according to UL 588/UL 69947-4-1 / rated value active power fine) / at AC / at 480 V / according to UL 588/UL 69947-4-1 / rated value active power fine) / at AC / at 480 V / according to UL 588/UL 69947-4-1 / rated value active power fine) / at AC / at 480 V / according to UL 588/UL 69947-4-1 / rated value active power fine) / at AC / at 480 V / according to UL 588/UL 69947-4-1 / rated value		
• at AC-3 / at 690 V / rated value operational current / rated value Auxiliary creuit number of CO contacts / for auxiliary contacts number of NC contacts / for auxiliary contacts o number of NC contacts / for auxiliary contacts o perating 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 for use • main switch • switch disconnector • EMERGENCY OFF switch • safety switch • safety switch • maintenance/repair switch Product datails product feature • can be locked into OFF position number of bracket locks / maximum hasp thickness / of the bracket locks / maximum • montor drive • voltage trigger No Short circuit conditional short-circuit current / with line-side fuse protection • at 890 V / by gG fuse / rated value active power [hp] / at AC / at 600 V / according to UL. 508/UL. 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL. 508/UL. 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL. 508/UL. 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL. 508/UL. 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL. 508/UL. 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL. 508/UL. 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL. 508/UL. 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL. 508/UL. 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL. 508/UL. 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL. 508/UL. 60947-4-1 / rated value		
operational current / rated value 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 • maintenance/repair switch • safety switch • safety switch • maintenance/repair switch Appearance color / of the actuating element Product dataits Product dataits Product dataits Product dataits Product selaure • can be locked into OFF position number of bracket locks / maximum 2 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 6500 N Lz / 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 Suitability Wes • main switch Yes • switch disconnector Yes • EMERGENCY OFF switch No • 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 product details product feature • can be locked into OFF position Yes number of bracket locks / maximum 4 mm product extension / optional • motor drive • voltage trigger • voltage trigger No Short circuit conditional short-circuit current / with line-side fuse protection • at 690 V / by gG fuse / 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 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 suitability for use • main switch • switch disconnector • EMERGENCY OFF switch • witch disconnector • EMERGENCY OFF switch • waintenance/repair switch • maintenance/repair switch • maintenance/repair switch • safety switch • maintenance/repair switch • respectively switch • respec		
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 Product details product details product feature • can be locked into OFF position number of bracket locks / maximum 1 hasp thickness / of the bracket locks / minimum 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 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 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		
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 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 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 • remaintenance/repair switch • remaintenance/repair switch Product dotails 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 of 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 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 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 short-time withstand current (SCCR) / 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 • maintenance/repair 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 400 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value		300 V
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 hasp thickness / of the bracket locks / minimum hasp thickness / of the bracket locks / maximum for out 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 poperational current / at AC / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 480 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 480 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 480 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 480 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value 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 • 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 / maximum 4 mm 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 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 short-time withstand current (SCCR) / at 600 V / according 5 kA	•	Voc
EMERGENCY OFF switch safety switch maintenance/repair switch Pres Appearance color / of the actuating element black Product details product feature can be locked into OFF position number of bracket locks / maximum ansy 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 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 400 V / according to UL 508/UL 60947-4-1 / rated value short-time withstand current (SCCR) / at 600 V / according 5 kA 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	Switch disconnector	res
maintenance/repair switch Appearance color / of the actuating element black Product details product feature	- EMEDOENCY OFF availab	No
Appearance color / of the actuating element black 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		
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 • 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	• safety switch	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	safety switchmaintenance/repair switch	Yes
product feature	safety switchmaintenance/repair switch Appearance	Yes Yes
ocan be locked into OFF position rumber 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 sperational current / at AC / according to UL 508/UL doperating 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	 safety switch maintenance/repair switch Appearance color / of the actuating element 	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	safety switch maintenance/repair switch Appearance color / of the actuating element Product details	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	safety switch maintenance/repair switch Appearance color / of the actuating element Product details product feature	Yes Yes black
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 soperational 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	safety switch maintenance/repair switch Appearance color / of the actuating element Product details product feature can be locked into OFF position	Yes Yes black 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	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 black 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	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 black 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	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 black 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	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 black 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	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	Yes Yes black Yes 2 4 mm 6 mm
protection	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 black 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	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 black 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	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	Yes Yes black Yes 2 4 mm 6 mm
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	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 black 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	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 black 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	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 black 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	safety switch maintenance/repair switch Appearance color / of the actuating element Product details product feature	Yes Yes black Yes 2 4 mm 6 mm No No No
	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 black Yes 2 4 mm 6 mm No No No
	safety switch maintenance/repair switch Appearance color / of the actuating element Product details product feature	Yes Yes black 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	3
number of connectable NO contacts / for auxiliary contacts / attachable / maximum	3
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	lateral auxiliary switch 2x (0,75 2,5mm²), 1x 4mm²; front auxiliary switch 1x (0,75 2,5mm²)
 finely stranded / with core end processing 	lateral auxiliary switch 2x (0,75 1,5mm²), 1x 2,5mm²; front auxiliary switch 1x 2,5mm²
• stranded	lateral auxiliary switch 2x (0,75 \dots 2,5mm²), 1x 4mm²; front auxiliary switch 1x (0,75 \dots 2,5mm²)
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	89.5 mm
fastening method	Built-in unit fixed-mounted version
fastening method	
 4-hole front mounting 	Yes
 front mounting with central attachment 	No
• rail mounting	No
net weight	164 g
Environmental conditions	
ambient temperature / during operation	
• minimum	-25 °C
maximum	55 °C
ambient temperature / during storage / minimum	-25 °C
General Product Approval	
- Common approved	



Confirmation







Miscellaneous





Special Test Certificate





other

Environmental Confirmations

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=3LD2022-0TK11

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

https://support.industry.siemens.com/cs/ww/en/ps/3LD2022-0TK11

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3LD2022-0TK11

CAx-Online-Generator

http://www.siemens.com/cax

Tender specifications

http://www.siemens.com/specifications

