SIEMENS

Data sheet 3LD2044-0TK51



SENTRON, Switch disconnector 3LD, main switch, 3-pole, lu: 16 A, Operating power / at AC-23 A at 400 V: 7.5 kW, floor mounting with door coupling, rotary operating mechanism, black, central mounting 22.5 mm 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	Short rotary knob
design of handle	rotary operating 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	Floor mounting with door coupling
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

and AC-23 A at at 400 V / rated value at AC-22 A at at 400 V / rated value at AC-21 A at 440 V / rated value at AC-21 A rat 440 V / rated value at AC-21 A rat 440 V / rated value at AC-22 A rat 440 V / rated value bethrough current / with closed switch at 440 V / for combination switch + gG fuse / maximum at 680 V / for combination switch + gG fuse / maximum at 680 V / for combination switch + gG fuse / maximum permissible at 440 V / rote combination switch + gG fuse / maximum permissible bethrough current / with closed switch at AC-23 A rat 440 V / rated value at AC-23 A rat 440 V / rated value at AC-23 A rat 440 V / rated value at AC-23 A rat 440 V / rated value at AC-23 A rat 440 V / rated value at AC-23 A rat 440 V / rated value at AC-23 A rat 440 V / rated value at AC-23 A rat 450 V / rated value at AC-23 A rat 500 V / rated value at AC-23 A rat 500 V / rated value at AC-3 rated over a rate over a r	140/	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 16 A		
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 / rate		
Let-through current / with closed switch 20 A		
let-through current / with closed switch + at 44 of V / for combination switch + gG fuse / maximum + at 80 of V / for combination switch + gG fuse / maximum permissible Main circuit operating power • at AC-23 A / at 24 0V / 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-33 A / at 40 V / rated value • at AC-33 A / at 40 V / rated value • at AC-31 at 800 V / rated value • at AC-31 at 800 V / rated value • at AC-31 at 800 V / rated value • at AC-31 at 800 V / rated value • at AC-31 at 800 V / rated value • at AC-31 at 800 V / rated value • at AC-31 at 800 V / rated value • at AC-31 at 800 V / rated value • at AC-31 at 800 V / rated value • at AC-31 at 800 V / rated value • at AC-31 at 800 V / rated value • at AC-31 at 800 V / rated value • at AC-31 at 800 V / rated value • at AC-31 at 800 V / rated value • at AC-31 at 800 V / rated value • at AC-31 at 800 V / rated value • at AC-31 at 800 V / rated value • at AC-31 at 800 V / rated value • at AC-31 at 800 V / rated value • at AC-31 at 800 V / rated value • at AC-32 at 800 V / rat		
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 ourboar our		3 KA
maximum permissible Main circuit		3 k∆
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 0 number of NC contacts / for auxiliary contacts 0 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 suitability for use a main switch a witch disconnector EMERGENCY OFF switch a witch disconnector EMERGENCY OFF switch a maintenance/repair switch yes appearance color / of the actualing element product feature con 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 product extension / optional more of the date of the bracket locks / minimum a more of the control of the con		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 2 maintenance/repair switch 2 maintenance/repair switch 3 maintenance/repair switch 4 yes 0 maintenance/repair switch 4 yes 0 maintenance/repair switch 4 yes 0 maintenance/repair switch 5 maintenance/repair switch 6 maintenance/repair switch 7 yes 1 mumber of Daroket locks / maximum 1 maps thickness / of the bracket locks / minimum 1 maps thickness / of the bracket locks / minimum 1 maps thickness / of the bracket locks / minimum 1 maps thickness / of the bracket locks / minimum 1 maps thickness / of the bracket locks / maximum 1 maps thickness / of the bracket locks / maximum 2 mortor drive 3 motor drive 4 motor drive 5 No 5 No 6 No 6 No 7 No 7 No 7 No 7 No 8		
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 at AC-3 / at 690 V / rated value 5.5 kW operational current / 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 0 number of NC contacts / for auxiliary contacts 0 number of NC contacts / for auxiliary contacts 0 number of NC contacts / for auxiliary contacts 0 number of NC contacts / for auxiliary contacts 0 operating voltage / of auxiliary contacts / rated value 10 A insulation voltage / of the auxiliary switch / rated value Sultability Sultability sultability for use • main switch • switch disconnector • EMERGENCY OFF switch • main switch • safety switch • main famone/repair switch • safety switch • main famone/repair switch • main famone/repair switch • can be locked into OFF position number of bracket locks / maximum hasp thickness / of the bracket locks / minimum nabasp thickness / of the bracket locks / minimum • notor drive • No Short Lineur interval AC / according to UL 508/UL 60947-4-1 / rated value active power (hp) / at AC / at 480 V / according to UL 508/UL 60947-4-1 / rated value active power (hp) / at AC / at 480 V / according to UL 508/UL 60947-4-1 / rated value active power (hp) / at AC / at 480 V / according to UL 508/UL 60947-4-1 / rated value active power (hp) / at AC / at 480 V / according to UL 508/UL 60947-4-1 / rated value active power (hp) / at AC / at 480 V / according to UL 508/UL 60947-4-1 / rated value active power (hp) / at AC / at 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	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 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 • selfery switch • switch disconnector • EMERGENCY OFF switch • maintenance/repair switch • safety switch • maintenance/repair switch Yes * acted to 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 / 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 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 hasp thickness / 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 / minimum napproduct extension / optional • 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** 586/UL 60947-4-1 / rated value active power(hp/) * at A C / at 480 V / according to UL* 586/UL 60947-4-1 / rated value active power(hp/) * at A C / at 480 V / according to UL\$ 586/UL 60947-4-1 / rated value active power(hp/) * at A C / at 480 V / according to UL\$ 586/UL 60947-4-1 / rated value active power(hp/) * at A C / at 480 V / according to UL\$ 586/UL 60947-4-1 / rated value active power(hp/) * at A C / at 480 V / according to UL\$ 586/UL 60947-4-1 / rated value active power(hp/) * at A C / at 480 V / according to UL\$ 586/UL 60947-4-1 / rated value active power (hp/) * at A C / at 480 V / according to UL\$ 586/UL 60947-4-1 / rated value active power (hp/) * at A C / at 480 V / according to UL\$ 586/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 • switch disconnector • EMERGENCY OFF switch • maintenance/repair switch • safety switch • safety switch • safety switch • color / of the actuating element 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 product extension / optional • motor 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 schort-time withstand current (SCCR) / 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 **One of the auxiliary switch / rated value **One of the auxiliary switch / rated value **One of the switch of the safety switch / rated value **One of the switch of the safety switch of the auxiliary switch of the safety switch of the auxiliary switch of the safety		
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 Also pitchcess / of the bracket locks / miximum hasp thickness / of the bracket locks / maximum product extension / optional • mortor 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 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 contact / rated value 500 V Suitability Suitability Suitability Wes • main switch Yes • switch disconnector Yes • MERGENCY OFF switch No • safety 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 4 mm 4 mm 4 mm 5 map thickness / of the bracket locks / maximum 8 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 / at 200 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 • safety switch • maintenance/repair switch • respectively of the actuating element • can be locked into OFF position • analy thickness / of the 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 / at 200 M / 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		
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 • maintenance/repair switch Product details 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 / 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		
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		
Suitability suitability for use • main switch • switch disconnector • EMERGENCY OFF switch • safety switch • maintenance/repair switch • maintenance/repair switch • respectively a switch • color / of the actuating element Product dotalis 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 • 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 450/60 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 active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value		
suitability for use • main switch • switch disconnector • EMERGENCY OFF switch • safety switch • 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 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 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 hasp thickness / of the bracket locks / minimum hasp thickness / of the bracket locks / maximum product extension / optional notor drive voltage trigger Short circuit conditional short-circuit current / with line-side fuse protection a tild 90 V / by gG fuse / rated value according UL operational current / at AC / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 480 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 480 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 480 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 480 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 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 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		
• 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 a hasp thickness / of the bracket locks / minimum hasp thickness / of the bracket locks / maximum a motor 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 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	•	Vas
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 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 operating voltage / at AC / at 50/60 Hz / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value short-time withstand current (SCCR) / at 600 V / according 5 KA		165
* 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 3 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	Voc
maintenance/repair switch Appearance color / of the actuating element black Product details product feature		
Appearance color / of the actuating element black Product details product feature • can be locked into OFF position Yes number of bracket locks / maximum 3 hasp thickness / of the bracket locks / minimum 4 mm hasp thickness / of the bracket locks / maximum 8 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	EMERGENCY OFF switch	No
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 508/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	EMERGENCY OFF switchsafety switch	No 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	EMERGENCY OFF switchsafety switchmaintenance/repair switch	No Yes
product feature	 EMERGENCY OFF switch safety switch maintenance/repair switch Appearance	No 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	EMERGENCY OFF switch safety switch maintenance/repair switch Appearance color / of the actuating element	No Yes Yes
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 soperational current / at AC / according to UL 508/UL operational current / at AC / according to UL 508/UL operating voltage / at AC / at 50/60 Hz / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value 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	 EMERGENCY OFF switch safety switch maintenance/repair switch Appearance color / of the actuating element Product details 	No Yes Yes
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 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 short-time withstand current (SCCR) / at 600 V / according 5 kA	EMERGENCY OFF switch safety switch maintenance/repair switch Appearance color / of the actuating element Product details product feature	No 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 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	EMERGENCY OFF switch safety switch maintenance/repair switch Appearance color / of the actuating element Product details product feature can be locked into OFF position	No Yes Yes black
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	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	No Yes Yes Yes black Yes 3
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	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	No Yes Yes black Yes 3 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	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	No Yes Yes black Yes 3 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	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	No Yes Yes black Yes 3 4 mm 8 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	EMERGENCY OFF switch safety switch maintenance/repair switch Appearance color / of the actuating element Product details product feature	No Yes Yes black Yes 3 4 mm 8 mm
protection	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	No Yes Yes black Yes 3 4 mm 8 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	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	No Yes Yes black Yes 3 4 mm 8 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	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	No Yes Yes black Yes 3 4 mm 8 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	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	No Yes Yes black Yes 3 4 mm 8 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	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	No Yes Yes black Yes 3 4 mm 8 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	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	No Yes Yes black Yes 3 4 mm 8 mm No No
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	EMERGENCY OFF switch safety switch maintenance/repair switch Appearance color / of the actuating element Product details product feature	No Yes Yes black Yes 3 4 mm 8 mm No No No
	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	No Yes Yes black Yes 3 4 mm 8 mm No No No
	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 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	No Yes Yes black Yes 3 4 mm 8 mm No No No To kA

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	5
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 2,5mm²), 1x 4mm²; front auxiliary switch 1x (0,75 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	84 mm
width	67 mm
depth	451.5 mm
fastening method	Built-in unit fixed-mounted version
fastening method	
4-hole front mounting	No
 front mounting with central attachment 	Yes
• rail mounting	Yes
net weight	420 g
Environmental conditions	
ambient temperature / during operation	
• minimum	-25 °C
maximum	55 °C
ambient temperature / during storage / minimum	-25 °C
General Product Approval	
out	



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=3LD2044-0TK51

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

https://support.industry.siemens.com/cs/ww/en/ps/3LD2044-0TK51

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3LD2044-0TK51

CAx-Online-Generator

http://www.siemens.com/cax

Tender specifications

http://www.siemens.com/specifications

