## **SIEMENS**

Data sheet 3LD2003-0TK51



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, rotary operating 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	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	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]			
<ul> <li>for rated value of the current / at AC / in hot operating state / per pole</li> </ul>	0.5 W		
<ul><li>per conductor / typical</li></ul>	1 W		
Current			
operational current			
• at 40 °C / rated value	16 A		
<ul> <li>at 45 °C / rated value</li> </ul>	16 A		
<ul> <li>at 50 °C / rated value</li> </ul>	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 V / rated value but Ac-3 / at 240 V / rated value but Ac-3 / at 240 V / rated value but Ac-3 / at 240 V / rated value but Ac-3 / at 240 V / rated value but Ac-3 / at 240 V / rated value but Ac-3 / at 240 V / rated value but Ac-3 / at 240 V / rated value but Ac-3 / at 240 V / rated value but Ac-3 / at 240 V / rated value but Ac-3 / at 240 V / rated value but Ac-3 / at 240 V / rated value but Ac-3 / at 240 V / rated value but Ac-3 / at 240 V / rated value but Ac-3 / at 240 V / rated value but Ac-3 / at 240 V / rated value but Ac-4 / rated value bu		O IVA
operating power  at AC-23 A / at 240 V / rated value at AC-23 A / at 400 V / rated value at AC-23 A / at 440 V / rated value at AC-23 A / at 440 V / rated value at AC-23 A / at 400 V / rated value at AC-3 / at 240 V / rated value at AC-3 / at 240 V / rated value at AC-3 / at 240 V / rated value but AC-3 / at 240 V / rated value at AC-3 / at 240 V / rated value but AC-3 / at 240 V / rated value but AC-3 / at 240 V / rated value but AC-3 / at 240 V / rated value but Ac-3 / at 240 V / rated value but Ac-3 / at 240 V / rated value but Ac-3 / at 240 V / rated value but Ac-3 / at 240 V / rated value but Ac-3 / at 240 V / rated value but Ac-3 / at 240 V / rated value but Ac-3 / at 240 V / rated value but Ac-3 / at 240 V / rated value but Ac-3 / at 240 V / rated value but Ac-3 / at 240 V / rated value but Ac-3 / at 240 V / rated value but Ac-3 / at 240 V / rated value but Ac-3 / at 240 V / rated value but Ac-3 / at 240 V / rated value but Ac-3 / at 240 V / rated value but Ac-3 / at 240 V / rated value but Ac-4 / rated value bu	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 / maximum  product extension / optional  more of the date of the bracket locks / maximum  product extension / optional  more of the actual current / at AC / at 50/80 Hz / according to UL 508/UL 60947-4-1 / rated value  operating voltage / at AC / at 480 V / according to UL 508/UL 60947-4-1 / rated value  operating voltage / at AC / at 50/80 Hz / according to UL 508/UL 60947-4-1 / rated value  operating voltage / at AC / at 50/80 Hz / according to UL 508/UL 60947-4-1 / rated value  operating voltage / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value  operating voltage / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value		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 mordout extension / optional 1 mortor of wite 2 mortor of wite 3 mortor of wite 3 mortor of wite 4 mortor of wite 5 on A  8 mortor of wite 5 on A  8 mortor of wite 6 on V 6		
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	<ul><li>at AC-23 A / at 440 V / rated value</li></ul>	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 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		
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 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  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     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	<ul><li>EMERGENCY OFF switch</li><li>safety switch</li></ul>	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	<ul><li>EMERGENCY OFF switch</li><li>safety switch</li><li>maintenance/repair switch</li></ul>	No Yes
product feature	<ul> <li>EMERGENCY OFF switch</li> <li>safety switch</li> <li>maintenance/repair switch</li> </ul> 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	<ul> <li>EMERGENCY OFF switch</li> <li>safety switch</li> <li>maintenance/repair switch</li> <li>Appearance</li> <li>color / of the actuating element</li> <li>Product details</li> </ul>	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	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)		
<ul> <li>finely stranded / with core end processing</li> </ul>	1x (14mm²)		
stranded	1x (16mm²)		
type of connectable conductor cross-sections / for auxiliary contacts			
• solid	lateral auxiliary switch 2x (0,75 $\dots$ 2,5mm²), 1x 4mm²; front auxiliary switch 1x (0,75 $\dots$ 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			
<ul> <li>for short-circuit protection of the main circuit / required</li> </ul>	fuse gL/gG: 20 A		
required			
for short-circuit protection of the auxiliary switch / required	fuse gL/gG: 10 A		
<ul> <li>for short-circuit protection of the auxiliary switch /</li> </ul>	fuse gL/gG: 10 A		
for short-circuit protection of the auxiliary switch / required	fuse gL/gG: 10 A 84 mm		
for short-circuit protection of the auxiliary switch / required  Mechanical Design			
for short-circuit protection of the auxiliary switch / required  Mechanical Design height	84 mm		
for short-circuit protection of the auxiliary switch / required  Mechanical Design  height  width	84 mm 67 mm		
for short-circuit protection of the auxiliary switch / required      Mechanical Design     height     width     depth	84 mm 67 mm 92.5 mm		
for short-circuit protection of the auxiliary switch / required      Mechanical Design     height     width     depth     fastening method	84 mm 67 mm 92.5 mm		
for short-circuit protection of the auxiliary switch / required      Mechanical Design     height     width     depth     fastening method     fastening method	84 mm 67 mm 92.5 mm Built-in unit fixed-mounted version		
	84 mm 67 mm 92.5 mm Built-in unit fixed-mounted version Yes		
for short-circuit protection of the auxiliary switch / required      Mechanical Design     height     width     depth     fastening method     fastening method	84 mm 67 mm 92.5 mm Built-in unit fixed-mounted version  Yes No		
for short-circuit protection of the auxiliary switch / required      Mechanical Design     height     width     depth     fastening method     fastening method	84 mm 67 mm 92.5 mm Built-in unit fixed-mounted version  Yes No No		
for short-circuit protection of the auxiliary switch / required      Mechanical Design     height     width     depth     fastening method     fastening method	84 mm 67 mm 92.5 mm Built-in unit fixed-mounted version  Yes No No		
for short-circuit protection of the auxiliary switch / required      Mechanical Design     height     width     depth     fastening method     fastening method	84 mm 67 mm 92.5 mm Built-in unit fixed-mounted version  Yes No No		
for short-circuit protection of the auxiliary switch / required      Mechanical Design     height     width     depth     fastening method     fastening method         • 4-hole front mounting         • front mounting with central attachment         • rail mounting     net weight  Environmental conditions  ambient temperature / during operation	84 mm 67 mm 92.5 mm Built-in unit fixed-mounted version  Yes No No 188 g		
for short-circuit protection of the auxiliary switch / required      Mechanical Design     height     width     depth     fastening method     fastening method	84 mm 67 mm 92.5 mm Built-in unit fixed-mounted version  Yes No No 188 g		



Confirmation







Miscellaneous

General Product Approval  Declaration of Conformity	Test Certificates	Marine / Shipping
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Special Test Certificate





other

**Miscellaneous** 

Environmental Confirmations

## **Further information**

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

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

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3LD2003-0TK51

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

https://support.industry.siemens.com/cs/ww/en/ps/3LD2003-0TK51

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

http://www.automation.siemens.com/bilddb/cax\_en.aspx?mlfb=3LD2003-0TK51

**CAx-Online-Generator** 

http://www.siemens.com/cax

**Tender specifications** 

http://www.siemens.com/specifications







