SIEMENS

Data sheet

3LD2244-0TK51



SENTRON, Switch disconnector 3LD, main switch, 3-pole, lu: 32 A, Operating power / at AC-23 A at 400 V: 11.5 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	2	
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	9 kA2.s	
let-through I2t value / with closed switch / at 440 V / for combination switch + gG fuse / maximum	9 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 	1.8 W	
 per conductor / typical 	2 W	
Current		
operational current		
• at 40 °C / rated value	32 A	
• at 45 °C / rated value	32 A	
• at 50 °C / rated value	32 A	
• at 55 °C / rated value	32 A	

et AC / rated value et AC / rated value if AC / rate / rate value if AC /		
	at AC / rated value	32 A
• at AC-21 A/ at 240 V / rated value 32 A • at AC-21 A/ at 240 V / rated value 40 A Itstrough current / with closed switch 40 A Itstrough current / with closed switch 41 5 kA • at 400 V / for combination switch + gG fuse / 5 kA maximum • at 600 V / for combination switch + gG fuse / 5 kA • at AC-23 A / at 240 V / rated value 6 kW • at AC-23 A / at 240 V / rated value 12 kW • at AC-23 A / at 240 V / rated value 12 kW • at AC-23 A / at 240 V / rated value 12 kW • at AC-33 A / at 240 V / rated value 12 kW • at AC-33 A / at 240 V / rated value 12 kW • at AC-31 A / rated value 12 kW • at AC-31 A / rated value 12 kW • at AC-31 A / rated value 12 kW • at AC-31 A / rated value 10 kW • at AC-31 A / rated value 10 kW • at AC-31 A / rated value 10 kW • at AC-31 / rated value 10 k • at AC-31 / rated value <td></td> <td></td>		
operational current / of upstheam fuse / rade value 40 A let-Hrough current / with closed switch 40 A let-Hrough current / with closed switch 45 KA et 680 V / for combination switch + gG fuse / maximum permissible 5 KA onaximum permissible 5 KA adata circuit 6 KW et 800 V / for combination switch + gG fuse / maximum permissible 5 KA operating power et AC-23 A i at 240 V / rated value et AC-23 A i at 240 V / rated value 15 KW et AC-23 A i at 240 V / rated value 15 KW et AC-23 A i at 400 V / rated value 10 KW et AC-23 A i at 400 V / rated value 5 KW et AC-23 A i at 400 V / rated value 5 KW operational current / rated value 10 KW et AC-23 A i at 400 V / rated value 0 number of NC contects / for auxillary contacts 0 number of NC contects / for auxillary contacts 0 number of NC contects / for auxillary contacts 0 A insultability sautability for use 500 V estability sautability for use Yes establex witch		
lethrough current / whit clased switch 4.5 toA ext 680 V/ for combination switch + gG fuse / reastmum 5 toA reastmum permissible 5 toA Main circuit operating power • at AC-23 A/ at 240 V / rated value 6 kW • at AC-23 A/ at 240 V / rated value 15 kW • at AC-23 A/ at 240 V / rated value 12 kW • at AC-23 A/ at 240 V / rated value 12 kW • at AC-23 A/ at 240 V / rated value 12 kW • at AC-37 at 240 V / rated value 22 A <i>value</i> 23 A • at AC-37 at 240 V / rated value 22 A <i>value</i> 23 A • at AC-37 at 240 V / rated value 22 A <i>value</i> 23 A <i>value</i> 0 number of Co contacts / for auxiliary contacts 0 number of NC contacts / for auxiliary contacts 0 operating voltage / of auxiliary contacts 0 insultion voltage / of aux		
	operational current / of upstream fuse / rated value	40 A
maximum • at 600 / / for combination switch + gG fuse / maximum permissible Main Criccil • at AC-23 A / at 400 / rated value 5 KA • at AC-23 A / at 400 / rated value 12 kW • at AC-23 A / at 400 / rated value 12 kW • at AC-23 A / at 400 / rated value 12 kW • at AC-33 A / at 400 / rated value 12 kW • at AC-33 A / at 400 / rated value 12 kW • at AC-37 at 400 / rated value 5 kW • at AC-37 at 400 / rated value 5 kW • at AC-37 at 400 / rated value 9 for kW • at AC-37 at 400 / rated value 9 for kW • at AC-37 at 400 / rated value 9 for kW • at AC-37 at 400 / rated value 9 for kW • at AC-37 at 400 / rated value 9 for kW • at AC-37 at 400 / rated value 0 for kW • at AC-37 at 400 / rated value 9 for kW • at AC-37 at 600 / rated value 0 for kW • at AC-37 at 600 / rated value 9 for kW • number of NC contacts / for auxiliary contacts 0 for kW 0 for kW 9 for kW • main switch Yes • wein switch / rated value 900 V Sutability Sutability for use 9 for kW	let-through current / with closed switch	
• at 600 // for combination switch + gG fuse / maximum permissible 5 KA Main circuit • at Ac-23 A / at 240 // rated value 6 KW • at Ac-23 A / at 240 // rated value 12 KW • at Ac-23 A / at 400 // rated value 12 KW • at Ac-23 A / at 400 // rated value 12 KW • at Ac-23 A / at 400 // rated value 5 KW • at Ac-23 A / at 400 // rated value 5 KW • at Ac-31 at 400 // rated value 5 KW • at Ac-31 at 400 // rated value 5 KW • at Ac-31 at 400 // rated value 9 KW • at Ac-31 at 400 // rated value 9 KW • at Ac-31 at 600 // rated value 9 KW • at Ac-31 at 600 // rated value 9 KW • at Ac-31 at 600 // rated value 9 KW • at Ac-31 at 600 // rated value 9 KW • at Ac-31 at 600 // rated value 9 CW • at Ac-31 at 600 // rated value 9 CW • at Ac-31 at 600 // rated value 9 CW • at Ac-31 at 600 // rated value 9 CW • at Ac-31 at 600 // rated value 9 CW • at Ac-31 at 600 // rated value 9 CW • at Ac-31 at 600 // rated value 9 CW • at Ac-31 at 600 // rated value 9 CW • at Ac-31 at 600 // rated value 9 CW • at at an		4.5 kA
maximum permissible Main circuit 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 400 V / rated value • at AC-23 A / at 400 V / rated value • at AC-3 A / at 500 V / rated value • at AC-3 A / at 500 V / rated value • at AC-3 / at 200 V / rated value		
Main circuit operating power • at AC-23 A / at 40 V / rated value 6 kW • at AC-23 A / at 40 V / rated value 12 kW • at AC-23 A / at 40 V / rated value 12 kW • at AC-23 A / at 40 V / rated value 12 kW • at AC-31 / at 40 V / rated value 5 kW • at AC-31 / at 40 V / rated value 5 kW • at AC-3 / at 400 V / rated value 5 kW • at AC-3 / at 400 V / rated value 9 kW • at AC-3 / at 600 V / rated value 9 kW • operational current / rated value 9 kW • operational current / rated value 0 • number of NC contacts / for auxiliary contacts 0 • number of NC contacts / for auxiliary contacts 0 • operating switch for auxiliary contact / rated value • output of the auxiliary contact / rated value 500 V • subth disconnector Yes • at 8C+28 kV at 80 kW Yes • at 80 kV at 80 kV at 80 kV Yes • at 80 kV at 80 kV at 80 kV at 80 kV Yes • at 80 kV Product details No <td></td> <td>5 kA</td>		5 kA
operating power e at AC-23 A / at 240 V / rated value 6 KW e at AC-23 A / at 400 V / rated value 12 KW e at AC-23 A / at 400 V / rated value 12 kW e at AC-23 A / rated VV / rated value 15 kW e at AC-3 / at 260 V / rated value 55 kW e at AC-3 / at 260 V / rated value 55 kW 55 kW e at AC-3 / at 260 V / rated value 95 kW 95 kW operating power e at AC-3 / at 260 V / rated value 95 kW 95 kW operating voltage / of auxiliary contacts for auxiliary contacts / for auxiliary contacts / for auxiliary contacts / for auxiliary contacts / auxiliary contacts / for auxiliary contacts / for auxiliary contacts / for auxiliary contacts / for auxiliary contacts / auxiliary solut o idisconnector / for auxiliary contacts / auxiliary solut o idisconnector / yes • solut o idisconnector / for auxiliary contacts / solut / yes • aside bidisconnector / yes · main switch		
• at AC-23 A / at 690 V / rated value 12 kW • at AC-3 / at 240 V / rated value 55 kW • at AC-3 / at 640 V / rated value 9.5 kW • perational current / rated value 9.5 kW operational current / rated value 9.5 kW operational current / rated value 9.5 kW operational current / rated value 9.5 kW operating voltage / of auxiliary contacts 0 number of NC contacts / for auxiliary contacts 0 or contacts / for auxiliary contacts 0 or contacts / for auxiliary contacts 0 continuous current / of the auxiliary contacts / rated value 500 V suitability 500 V suitability 500 V suitability 500 V suitability for use Yes • anin switch Yes • anine inance/repair switch Yes • anine inance/repair switch Yes color / of the actuating element black Product feature Yes • actable locked into OFF position Yes • actable locked / maximum 3 <tr< td=""><td></td><td></td></tr<>		
• at AC-3 / at 240 V / rated value 5.5 kW • at AC-3 / at 400 V / rated value 10 kW • et AC-3 / at 400 V / rated value 32 A Auxiliary circuit 32 A number of CO contacts / for auxiliary contacts 0 number of NC contacts / for auxiliary contacts 0 operating voltage / of auxiliary contacts 0 operating voltage / of auxiliary contacts 0 operating voltage / of the auxiliary contacts 0 continuous current / of the auxiliary contacts 0 continuous current / of the auxiliary contacts 0 continuous current / of the auxiliary contact / rated value 10 A insulation voltage / of the auxiliary contact / rated value 500 V Suitability 500 V suitability for use • • nain switch Yes • sain switch Yes • anain bocked into OFF position Yes roduct feature • • and bocked into OFF position Yes number of bracket locks / maximum 3 nearby of the bracket locks / maximum 8 mm produ		
• at AC-3 / at 690 V / rated value 9.5 kW operational current / rated value 32 A Availary circuit 0 number of NC contacts / for auxiliary contacts 0 operating voltage / of auxiliary contacts 0 operating voltage / of auxiliary contacts / rated value 500 V continuous current / of the auxiliary contacts / rated value 500 V continuous current / of the auxiliary contact / rated value 500 V suitability 500 V suitability 500 V suitability for use • • nain switch Yes • wild disconnector Yes • wild disconnector Yes • naintenance/repair switch Yes Appearance color / of the actualing element black Product details Yes Product details product feature • No • • can be locked into OFF position Yes Yes number of bracket locks / maximum 8 mm mm hasp thickness / of the bracket locks / maximum 8 mm product extension /	 at AC-3 / at 240 V / rated value 	5.5 kW
operational current / rated value 32 A Auxiliary circuit		
Auxillary circuit 0 number of C0 contacts / for auxiliary contacts 0 number of NO contacts / for auxiliary contacts 0 operating voltage / of auxiliary contacts / at AC / maximum 500 V continuous current / of the auxiliary contact / rated value 500 V insulation voltage / of the auxiliary contact / rated value 500 V Suitability 500 V suitability for use 0 e main switch Yes e switch disconnector Yes e main switch Yes e safety switch Yes e arisely switch Yes order / of the actuating element black Product details Product details product details Yes number of bracket locks / maximum 3 hasp thickness / of the bracket locks / maximum 3 hasp thickness / of the bracket locks / maximum 6 mm product details No ond final short-circuit current / with line-side fuse 50 kA Absp thickness / of the bracket locks / maximum 8 mm hasit micknes / of loce / according		
number of CO contacts / for auxiliary contacts 0 number of NC contacts / for auxiliary contacts 0 operating voltage / of auxiliary contacts 0 continuous current / of the auxiliary contacts 0 insulation voltage / of auxiliary contacts 0 suitability 500 V Suitability 500 V suitability 500 V suitability for use 9 • main switch Yes • switch disconnector Yes • suitability (symbol Yes • addrey switch Yes • addrey switch Yes • color / of the actuating element Yes Product details Yes product feature 9 • can be locked into OFF position Yes • number of bracket locks / maximum 3 hasp thickness / of the bracket locks / maximum 8 mm product detature No • woltage trigger No Short circuit Coorditional short-circuit current / with line-side fuse protection • ot 60 V / by gG fuse / rated value <td< td=""><td>operational current / rated value</td><td>32 A</td></td<>	operational current / rated value	32 A
number of NC contacts / for auxiliary contacts 0 operating voltage / of auxiliary contacts 0 operating voltage / of auxiliary contacts / at AC / maximum 500 V continuous current / of the auxiliary contact / rated value 10 A suitability 500 V suitability 500 V suitability 500 V suitability 500 V suitability for use Yes • main switch Yes • EMERGENCY OFF switch No • safety switch Yes • maintenance/repair switch Yes color / of the actuating element black Product feature e • ona be locked into OFF position Yes number of bracket locks / maximum 3 nage thickness / of the bracket locks / maximum 8 mm product details No voltage trigger No soldot dive No • onblage trigger No Short circuit 50 kA scording UL 600 V Soldot dive 50 kA	Auxiliary circuit	
number of NO contacts / for auxillary contacts 0 operating voltage / of auxillary contacts / at AC / maximum 500 V continuous current / of the auxillary switch / rated value 10 A insulation voltage / of the auxillary switch / rated value 500 V Suitability 500 V suitability for use 9 • main switch Yes • switch disconnector Yes • maintenance/repair switch Yes • maintenance/repair switch Yes • color / of the actuating element black Product details 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 details No ovoltage trigger No Short circuit 50 kA conditional short-circuit current / with line-side fuse protection 600 V <	number of CO contacts / for auxiliary contacts	0
operating voltage / of auxiliary contacts / at AC / maximum 500 V continuous current / of the auxiliary contact / rated value 10 A insulation voltage / of the auxiliary switch / rated value 500 V Suitability 790 Suitability suitability 790 Suitability ordititability 790 Suitability ordititability 790 Suitability ordititability 790 Suitability orditability 8 product feature 700 Suitability ocan be locked into OFF position 710 Suitability number of bracket locks / maximum 8 mm <	number of NC contacts / for auxiliary contacts	0
continuous current / of the auxiliary contact / rated value 10 A insulation voltage / of the auxiliary switch / rated value 500 V Suitability 500 V suitability for use • main switch • switch disconnector Yes • switch disconnector Yes • switch disconnector Yes • adety switch Yes • maintenance/repair switch Yes • maintenance/repair switch Yes • 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 / maximum 8 mm product extension / optional • woltage trigger • woltage trigger No Short circuit 00 KA according UL 50 kA according UL 600 V operational current / at AC / at 50/60 Hz / according to UL 20 0500 VL 60947-4-1 / rated value 20 active power (hp/) r41 AC / at 600 V / according to UL 20 0500 VL 60947-4-1 / rated value 20 sobrt-time withstand current (SCCR) / at 600 V / according to UL 20	number of NO contacts / for auxiliary contacts	0
insulation voltage / of the auxiliary switch / rated value 500 V Suitability suitability for use main switch switch disconnector Suitability for use switch disconnector Yes Suitability for use safety switch Yes Appearance color / of the actuating element black Product details product feature can be locked into OFF position Yes number of bracket locks / maximum Asp thickness / of the bracket locks / maximum Masp thickness / of the bracket locks / maximum motor drive No Short circuit conditional short-circuit current / with line-side fuse protection ot at 690 V / by gG fuse / rated value So kA according UL operating voltage / rat AC / according to UL SoBVL 60947-4-1 / rated value active power [hp] / rat AC / at 400 V / according to UL SoBVL 60947-4-1 / rated value active power [hp] / rat AC / at 600 V / according to UL SoBVL 60947-4-1 / rated value active power [hp] / rat AC / at 600 V / according to UL SoBVL 60947-4-1 / rated value short-time withstand current (SCCR) / at 600 V / according to UL SoBVL 60947-4-1 / rated value sho	operating voltage / of auxiliary contacts / at AC / maximum	500 V
Suitability suitability suitability for use • main switch • switch disconnector Yes • EMERGENCY OFF switch No • safety switch Yes • maintenance/repair switch Yes color / of the actuating element black Product details product feature • can be locked into OFF position Yes number of bracket locks / maximum 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 • operating UL operating UL operating UL operating UL operating UL operating voltage / rat / rated value active power (hp) / rat AC / at 50/60 Hz / according to UL 508/UL 60947-4-1 / rated value active power (hp) / rat AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value sobrt-time withstand current (SCCR) / at 600 V / according to UL 508/UL 60947-4-1 / rated value	continuous current / of the auxiliary contact / rated value	10 A
suitability for use Yes • main switch Yes • switch disconnector Yes • EMERGENCY OFF switch No • safety switch Yes • maintenance/repair switch Yes Appearance Color / of the actuating element product details product details product details product details 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 details No • outinge 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 32 A operational current / at AC / at coording to UL 508/UL 600 V 508/UL 60947-4-1 / rated value 600 V active power (hp) / at AC / at 480 V / according to UL 20 508/UL 60947-4-1 / rated value 20 active power (hp) / at AC / at 600 V / according to UL 20 508/UL 60947-4-1 / rated value 20 active power (hp) / at AC / at 600 V / according to UL 20 508/UL 60947-4-1 / rated value 20 activ	insulation voltage / of the auxiliary switch / rated value	500 V
suitability for use Yes • main switch Yes • switch disconnector Yes • EMERGENCY OFF switch No • safety switch Yes • maintenance/repair switch Yes Appearance Color / of the actuating element product details product details product details product details 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 details No • outinge 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 32 A operational current / at AC / at coording to UL 508/UL 600 V 508/UL 60947-4-1 / rated value 600 V active power (hp) / at AC / at 480 V / according to UL 20 508/UL 60947-4-1 / rated value 20 active power (hp) / at AC / at 600 V / according to UL 20 508/UL 60947-4-1 / rated value 20 active power (hp) / at AC / at 600 V / according to UL 20 508/UL 60947-4-1 / rated value 20 activ	Suitability	
main switch ves switch disconnector ves eMERGENCY OFF switch No safety switch maintenance/repair switch Yes Appearance color / of the actuating element black Product details product feature e 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 s hasp thickness / of the bracket locks / maximum roduct extension / optional e motor drive voltage trigger No solution solution set of the bracket locks / maximum a mm hasp thickness / of the bracket locks / maximum s roduct extension / optional e motor drive voltage trigger No Short circuit conditional short-circuit current / with line-side fuse profection operational current / at AC / according to UL 508 kL active power (hp) / at AC / at 5008 V / according to UL 508/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 short-time withstand current (SCCR) / at 600 V / according to UL 508/UL 60947-4-1 / rated value short-time withstand current (SCCR) / at 600 V / according fs AA		
• EMERGENCY OFF switch No • safety switch Yes • maintenance/repair switch Yes Appearance color / of the actuating element black Product details product feature • can be locked into OFF position Yes number of bracket locks / maximum 3 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 32 A operational current / at AC / at 50/60 Hz / according to UL 32 A operating voltage / at AC / at 50/00 Hz / according to UL 508/UL 60947-4-1 / rated value active power (hp) / at AC / at 600 V / according to UL 20 508/UL 60947-4-1 / rated value 20 short-time withstand current (SCCR) / at 600 V / according to UL 20		Yes
• EMERGENCY OFF switch No • safety switch Yes • maintenance/repair switch Yes Appearance color / of the actuating element black Product details product feature • can be locked into OFF position Yes number of bracket locks / maximum 3 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 32 A operational current / at AC / at 50/60 Hz / according to UL 32 A operating voltage / at AC / at 50/00 Hz / according to UL 508/UL 60947-4-1 / rated value active power (hp) / at AC / at 600 V / according to UL 20 508/UL 60947-4-1 / rated value 20 short-time withstand current (SCCR) / at 600 V / according to UL 20	switch disconnector	
• safety switch Yes • maintenance/repair switch Yes Appearance color / of the actuating element black Product details product details product details product feature • can be locked into OFF position Yes number of bracket locks / maximum 3 hasp thickness / of the bracket locks / maximum hasp thickness / of the bracket locks / maximum 8 mm product extension / optional • motor drive • woltage trigger No Short circuit Coording UL conditional short-circuit current / with line-side fuse protection 32 A operational current / at AC / according to UL 508/UL 600 V / by gG fuse / rated value 50 kA according UL 32 A operational current / at AC / according to UL 508/UL 600 V / secording to UL 508/UL 600 V / according to UL 508/UL 600 V / acco		
maintenance/repair switch Yes Appearance color / of the actuating element black Product details product feature can be locked into OFF position res number of bracket locks / maximum hasp thickness / of the bracket locks / maximum hasp thickness / of the bracket locks / maximum hasp thickness / of the bracket locks / maximum more of bracket locks / maximum hasp thickness / of the bracket locks / maximum more of bracket locks / maximum hasp thickness / of the bracket locks / maximum more of the bracket locks / maximum the of		
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 No • 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 goerating voltage / at AC / at 50/60 Hz / according to UL operational current / at AC / at 480 V / according to UL 20 508/UL 60947-4-1 / rated value 20 active power [hp] / at AC / at 600 V / according to UL 20 508/UL 60947-4-1 / rated value 20 active power [hp] / at AC / at 600 V / according to UL 20 508/UL 60947-4-1 / rated value 20 active power [hp] / at AC / at 600 V / according to UL 20 short-time withstand current (SCCR) / at 600 V / according to SKA 20	-	
color / of the actuating element black Product details product feature • can be locked into OFF position 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 • 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 active power [hp] / at AC / at 50/60 Hz / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value 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 [h	· ·	
Product details product feature • can be locked into OFF position number of bracket locks / maximum asp thickness / of the bracket locks / minimum hasp thickness / of the bracket locks / minimum hasp thickness / of the bracket locks / maximum bracket locks / maximum hasp thickness / of the bracket locks / maximum hasp thickness / of the bracket locks / maximum bracket locks / maximum hasp thickness / of the bracket locks / maximum bracket locks / maximum hasp thickness / of the bracket locks / maximum bracket locks / maximum <tr< td=""><td></td><td>black</td></tr<>		black
product feature 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 8 mm • motor drive No • voltage trigger No Short circuit No conditional short-circuit current / with line-side fuse protection 50 kA according UL 50 kA operational current / at AC / according to UL 508/UL 32 A obg47-4-1 / rated value 600 V active power [hp] / at AC / at 50/60 Hz / according to UL 20 s8/UL 60947-4-1 / rated value 20 active power [hp] / at AC / at 600 V / according to UL 20 short-tire withstand current (SCCR) / at 600 V / according to UL 20	č	DIACK
• 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 8 mm • wotor 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 32 A operational current / at AC / according to UL 508/UL 600 V 508/UL 60947-4-1 / rated value 600 V active power [hp] / at AC / at 480 V / according to UL 20 508/UL 60947-4-1 / rated value 20 active power [hp] / at AC / at 600 V / according to UL 20 short-time withstand current (SCCR) / at 600 V / according to UL 20		
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 8 mm • motor drive No • voltage trigger No Short circuit No conditional short-circuit current / with line-side fuse protection 50 kA • at 690 V / by gG fuse / rated value 50 kA according UL 32 A operational current / at AC / according to UL 508/UL 32 A operating voltage / at AC / at 50/60 Hz / according to UL 600 V 508/UL 60947-4-1 / rated value 20 active power [hp] / at AC / at 480 V / according to UL 20 508/UL 60947-4-1 / rated value 20 active power [hp] / at AC / at 600 V / according to UL 20 508/UL 60947-4-1 / rated value 20 active power [hp] / at AC / at 600 V / according to UL 20 508/UL 60947-4-1 / rated value 20 short-time withstand current (SCCR) / at 600 V / according to UL 20	•	
hasp thickness / of the bracket locks / minimum 4 mm hasp thickness / of the bracket locks / maximum 8 mm product extension / optional 8 mm • motor drive No • voltage trigger No Short circuit No 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 32 A 60947-4-1 / rated value 600 V operating voltage / at AC / at 50/60 Hz / according to UL 32 A 608/UL 60947-4-1 / rated value 600 V soB/UL 60947-4-1 / rated value 20 short-time withstand current (SCCR) / at 600 V / according to UL 5 kA	· · · · · · · · · · · · · · · · · · ·	
hasp thickness / of the bracket locks / maximum 8 mm product extension / optional No e motor drive No • voltage trigger No Short circuit No 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 32 A 60947-4-1 / rated value 600 V operating voltage / at AC / at 50/60 Hz / according to UL 600 V 508/UL 60947-4-1 / rated value 20 active power [hp] / at AC / at 600 V / according to UL 20 508/UL 60947-4-1 / rated value 20 short-time withstand current (SCCR) / at 600 V / according to UL 50 kA		
product extension / optional No • motor drive No • voltage trigger No Short circuit No conditional short-circuit current / with line-side fuse protection • at 690 V / by gG fuse / rated value • at 690 V / by gG fuse / rated value 50 kA according UL operational current / at AC / according to UL 508/UL 32 A operating voltage / at AC / at 50/60 Hz / according to UL 50 kV 508/UL 60947-4-1 / rated value 600 V active power [hp] / at AC / at 480 V / according to UL 20 508/UL 60947-4-1 / rated value 20 active power [hp] / at AC / at 600 V / according to UL 20 short-time withstand current (SCCR) / at 600 V / according to UL 20		
• motor driveNo• voltage triggerNoShort circuitNoShort circuitState of the state		8 mm
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 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 for the withstand current (SCCR) / at 600 V / according 5 kA	product extension / optional	
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 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	motor drive	No
conditional short-circuit current / with line-side fuse protection 50 kA • at 690 V / by gG fuse / rated value 50 kA according UL 50 kA operational current / at AC / according to UL 508/UL 32 A 60947-4-1 / rated value 600 V operating voltage / at AC / at 50/60 Hz / according to UL 600 V 508/UL 60947-4-1 / rated value 600 V active power [hp] / at AC / at 480 V / according to UL 20 508/UL 60947-4-1 / rated value 20 active power [hp] / at AC / at 600 V / according to UL 20 508/UL 60947-4-1 / rated value 20 short-time withstand current (SCCR) / at 600 V / according 5 kA	voltage trigger	No
protection • at 690 V / by gG fuse / rated value 50 kA according UL operational current / at AC / according to UL 508/UL 32 A objectional current / at AC / according to UL 508/UL 32 A operating voltage / at AC / at 50/60 Hz / according to UL 600 V 508/UL 60947-4-1 / rated value 600 V active power [hp] / at AC / at 480 V / according to UL 20 508/UL 60947-4-1 / rated value 20 active power [hp] / at AC / at 600 V / according to UL 20 508/UL 60947-4-1 / rated value 20 active power [hp] / at AC / at 600 V / according to UL 20 508/UL 60947-4-1 / rated value 20 active power [hp] / at AC / at 600 V / according to UL 50 508/UL 60947-4-1 / rated value 5	Short circuit	
• at 690 V / by gG fuse / rated value 50 kA according UL 32 A operational current / at AC / according to UL 508/UL 32 A 60947-4-1 / rated value 600 V operating voltage / at AC / at 50/60 Hz / according to UL 600 V 508/UL 60947-4-1 / rated value 600 V active power [hp] / at AC / at 480 V / according to UL 20 508/UL 60947-4-1 / rated value 20 active power [hp] / at AC / at 600 V / according to UL 20 508/UL 60947-4-1 / rated value 20 active power [hp] / at AC / at 600 V / according to UL 508/UL 508/UL 60947-4-1 / rated value 20 short-time withstand current (SCCR) / at 600 V / according 5 kA	conditional short-circuit current / with line-side fuse	
according UL operational current / at AC / according to UL 508/UL 32 A 60947-4-1 / rated value 600 V operating voltage / at AC / at 50/60 Hz / according to UL 600 V 508/UL 60947-4-1 / rated value 600 V active power [hp] / at AC / at 480 V / according to UL 20 508/UL 60947-4-1 / rated value 20 active power [hp] / at AC / at 600 V / according to UL 20 508/UL 60947-4-1 / rated value 20 short-time withstand current (SCCR) / at 600 V / according 5 kA	protection	
operational current / at AC / according to UL 508/UL 32 A 60947-4-1 / rated value 600 V operating voltage / at AC / at 50/60 Hz / according to UL 600 V 508/UL 60947-4-1 / rated value 20 active power [hp] / at AC / at 480 V / according to UL 20 508/UL 60947-4-1 / rated value 20 active power [hp] / at AC / at 600 V / according to UL 20 508/UL 60947-4-1 / rated value 20 short-time withstand current (SCCR) / at 600 V / according 5 kA	at 690 V / by gG fuse / rated value	50 kA
60947-4-1 / rated value 600 V operating voltage / at AC / at 50/60 Hz / according to UL 600 V 508/UL 60947-4-1 / rated value 20 active power [hp] / at AC / at 480 V / according to UL 20 508/UL 60947-4-1 / rated value 20 active power [hp] / at AC / at 600 V / according to UL 20 508/UL 60947-4-1 / rated value 20 short-time withstand current (SCCR) / at 600 V / according 5 kA	according UL	
508/UL 60947-4-1 / rated value 20 active power [hp] / at AC / at 480 V / according to UL 20 508/UL 60947-4-1 / rated value 20 active power [hp] / at AC / at 600 V / according to UL 20 508/UL 60947-4-1 / rated value 20 short-time withstand current (SCCR) / at 600 V / according 5 kA		32 A
active power [hp] / at AC / at 480 V / according to UL 20 508/UL 60947-4-1 / rated value 20 active power [hp] / at AC / at 600 V / according to UL 20 508/UL 60947-4-1 / rated value 20 short-time withstand current (SCCR) / at 600 V / according 5 kA	operating voltage / at AC / at 50/60 Hz / according to UL	600 V
active power [hp] / at AC / at 600 V / according to UL 20 508/UL 60947-4-1 / rated value 20 short-time withstand current (SCCR) / at 600 V / according 5 kA	active power [hp] / at AC / at 480 V / according to UL	20
short-time withstand current (SCCR) / at 600 V / according 5 kA	active power [hp] / at AC / at 600 V / according to UL	20
	short-time withstand current (SCCR) / at 600 V / according	5 kA

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continuous current / of upstream fuse / according to UL / rated value	80 A
type of fuse / according to UL	RK5
Number	
number of connectable NC contacts / for auxiliary contacts	3
/ attachable / maximum	
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	8
• minimum	14
type of connectable conductor cross-sections / for copper conductor	
• solid	1x (1,516mm²)
 finely stranded / with core end processing 	1x (1,510mm²)
stranded	1x (1,516mm²)
type of connectable conductor cross-sections / for auxiliary contacts	
• solid	lateral auxiliary switch 2x (0,75 2,5mm ²), 1x 4mm ² ; front auxiliary switch 1x (0,75 2,5mm ²)
 finely stranded / with core end processing 	lateral auxiliary switch 2x (0,75 1,5mm ²), 1x 2,5mm ² ; front auxiliary switch 1x 2,5mm ²
• stranded	lateral auxiliary switch 2x (0,75 2,5mm ²), 1x 4mm ² ; front auxiliary switch 1x (0,75 2,5mm ²)
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: 40 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	410 g
Environmental conditions	410 g
ambient temperature / during operation	05.00
• minimum	-25 °C
• maximum	55 °C
ambient temperature / during storage / minimum	-25 °C
General Product Approval	
Confirmation	Miscellaneous



CE EG-Konf. Special Test Certificate





Marine / Shipping



Miscellaneous

other

Environmental Confirmations

Further information

Information- and Downloadcenter (Catalogs, Brochures,...) http://www.siemens.com/lowvoltage/catalogs Industry Mall (Online ordering system) https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3LD2244-0TK51 Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3LD2244-0TK51 Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3LD2244-0TK51 CAx-Online-Generator http://www.siemens.com/cax Tender specifications http://www.siemens.com/specifications

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