SIEMENS

Data sheet

3LD2017-0TK11



SENTRON, switch disconnector 3LD, main switch, 3-pole, lu: 16 A, operating power / at AC-23 A at 400 V: 7.5 kW, floor mounting with door coupling, defeatable knob-operated mechanism, black, 4-hole mounting of the handle

Model		
product brand name	SENTRON	
product designation	3LD Switch disconnector	
design of the product	Main switch	
display version / for switch position indicator manual operation	1 ON - 0 OFF	
design of the actuating element	selector switch	
design of handle	knob-operated mechanism, black	
type of the driving mechanism / motor drive	No	
General technical data		
number of poles	3	
type of device	fixed mounting	
type of switch	Floor mounting with door coupling	
size of switch disconnector	1	
mechanical service life (switching cycles) / typical	100 000	
electrical endurance (switching cycles)		
• at AC-23 A / at 690 V	6 000	
I2t value / with closed switch / at 690 V / for combination switch + gG fuse / maximum	3 kA2.s	
let-through I2t value / with closed switch / at 440 V / for combination switch + gG fuse / maximum	2.5 kA2.s	
operating frequency / maximum	50 1/h	
Voltage		
insulation voltage / rated value	690 V	
surge voltage resistance / rated value	6 kV	
Protection class		
protection class IP	IP65	
degree of protection NEMA rating	1, 3R, 4X, 12	
protection class IP / on the front	IP65	
Dissipation		
power loss [W]		
 for rated value of the current / at AC / in hot operating state / per pole 	0.5 W	
per conductor / typical	1 W	
Current		
operational current		
• at 40 °C / rated value	16 A	
• at 45 °C / rated value	16 A	
• at 50 °C / rated value	16 A	
• at 55 °C / rated value	16 A	

Al AC / rated value A AC / rated value A AC / rated value A / AC / rated value		
	at AC / rated value	16 A
operational current / of upstream fue / rated value 20 A left-through current / with closed switch + gG fuse / m at K400 V / for combination switch + gG fuse / maximum permissible 3 kA mat 6800 V / for combination switch + gG fuse / maximum permissible 3 kA value circuit et AC-23 A / at 240 V / rated value 4 kW et AC-23 A / at 240 V / rated value 5 kW et AC-23 A / at 240 V / rated value 5 kW et AC-23 A / at 240 V / rated value 5 kW et AC-23 A / at 240 V / rated value 5 kW et AC-23 A / at 240 V / rated value 5 kW et AC-23 A / at 240 V / rated value 5 kW et AC-23 A / at 260 V / rated value 5 kW et AC-23 A / at 260 V / rated value 5 kW et AC-23 A / at 260 V / rated value 16 A Auxiliary contacts / for auxiliary contacts 0 number of NC contacts / for auxiliary contacts 0 number of NC contacts / for auxiliary contacts 0 continuotion contacts / for auxiliary contacts 0 A insubition voltage / of the auxiliary contacts 0 A insubition voltage / of the auxiliary contacts 0 A insubition voltage /		
let-through current / with closed switch 3 kA ret 680 // for combination switch + gG fuse / 3 kA ret 680 // for combination switch + gG fuse / 3 kA retarding power etal AC-33 A retail 40 // rated value 4 kW etal AC-33 A retail 40 // rated value 5 kW etal AC-33 A retail 40 // rated value 7.5 kW etal AC-33 A retail 40 // rated value 7.5 kW etal AC-33 A retail 40 // rated value 8 kW etal AC-33 A retail 40 // rated value 8 kW etal AC-33 A retail 40 // rated value 8 kW etal AC-33 A retail 40 // rated value 6 kW etal AC-33 A retail 40 // rated value 16 A Availlary decreating 0 number of CO contexts / for auxiliary contacts 0 number of CO contexts / for auxiliary contacts 0 operating valtage / of auxiliary contacts 0 operating valtage / of auxiliary contacts / rated value 500 V sublability for use maintenance/repair switch Yes emaintenance/repair switch Yes emaintenance/repair switch Yes Yes cotor / of the actualing dentent black Poduct deatis		
	· · ·	20 A
maximum a kinu maximum permissible 3 kA Main Circuit et AC-23 A / at A40 V / rated value 4 kW et AC-23 A / at A40 V / rated value 4 kW et AC-23 A / at A40 V / rated value 6 kW et AC-23 A / at A40 V / rated value 6 kW et AC-23 A / at A40 V / rated value 6 kW et AC-23 A / at A40 V / rated value 6 kW et AC-23 A / at A40 V / rated value 6 kW et AC-23 / at A40 V / rated value 6 kW et AC-23 / at A40 V / rated value 6 kW et AC-23 / at A40 V / rated value 6 kW et AC-23 / at A40 V / rated value 6 kW et AC-23 / at A40 V / rated value 6 kW operation soluter / rated value 6 kW operation value / ratuellary contacts 0 number of NC contacts / for auxiliary contacts 0 number of NC contacts / for auxiliary contacts 0 kC / maximum solutability for use 60 V mastation values / of the auxiliary contacts 0 A unumber of NC contacts / for auxiliary contacts 0 A solato introve contacts / for auxiliary contacts 0 A solato introve cont	-	
• al 600 V / for combination switch + gG fuse / maximum permissible 3 kA Main circuit • • al AC-23 / al 240 V / rated value 4 kW • al AC-23 / al 240 V / rated value 6 kW • al AC-23 / al 240 V / rated value 7.5 kW • al AC-23 / al 240 V / rated value 7.5 kW • al AC-23 / al 240 V / rated value 7.5 kW • al AC-3 / rat 400 V / rated value 8 kW • al AC-3 / rat 400 V / rated value 6 kW • al AC-3 / rat 240 V / rated value 6 kW • al AC-3 / rat 240 V / rated value 6 kW • al AC-3 / rat 300 V / rated value 6 kW • al AC-3 / rat 300 V / rated value 6 kW • al AC-3 / rat 300 V / rated value 6 kW • al AC-3 / rat 300 V / rated value 6 kW • al AC-3 / rat 300 V / rated value 6 kW • al AC-3 / rat 300 V / rated value 7 kB • number of NC contack / for auxiliary contacts 0 - number of NC contack / for auxiliary contacts 0 kW - solutalisity for use 900 V - solate block <td></td> <td>3 KA</td>		3 KA
main running wain 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-3 / at 250 V / rated value <t< td=""><td></td><td>3 kA</td></t<>		3 kA
operating power at AC-23 A / at 240 V / rated value at AC-23 A / at 440 V / rated value bt AC-23 A / at 440 V / rated value bt AC-23 A / at 40 V / rated value bt AC-23 A / at 400 V / rated value bt AC-23 A / at 400 V / rated value bt AC-23 / at 260 V / rated value bt AC-23 / at 260 V / rated value bt AC-23 / at 260 V / rated value bt AC-3 / at 260 V / rated value bt AC-3 / at 260 V / rated value bt AC-3 / at 260 V / rated value bt AC-3 / at 260 V / rated value bt AC-3 / at 260 V / rated value bt AC-3 / at 260 V / rated value bt AC-3 / at 260 V / rated value bt AC-3 / at 260 V / rated value bt AC-3 / at 260 V / rated value bt AC-3 / at 260 V / rated value bt AC-3 / at 260 V / rated value bt AC-3 / at 260 V / rated value bt AC-3 / at 260 V / rated value bt AC-3 / at 260 V / rated value bt AC-3 / at 260 V / rated value bt AC-3 / at 260 V / rated value contacts / for auxiliary contacts / at AC / maximum continuus current / of the auxiliary contacts / at AC / maximum bt AC-4 / bt actualting element bt AC-4 / bt AC-4 / at 200 / according to UL bt AC-4 / bt AC-4 / at 200 / according to UL bt AC-4 / bt AC-4 / at 200 / according to UL bt AC-4 / bt / at 200 / acc		
	Main circuit	
et at AC-23 A / at 400 V / rated value et at AC-23 A / at 400 V / rated value et at AC-23 A / at 400 V / rated value et at AC-3 / at 240 V / rated value et AC-3 / at 240 V / rated value at AC-3 / at 260 V / rated value at AC-3 / at 260 V / rated value for Availary contracts / for auxiliary contacts outract / for auxiliary contacts 0 rumber of CO contacts / for auxiliary contacts 0 rumber of NC contacts / for auxiliary contacts 0 rumber of NC contacts / for auxiliary contacts 0 rumber of NC contacts / for auxiliary contacts 0 rumber of NC contacts / for auxiliary contacts 0 rumber of NC contacts / for auxiliary contacts 0 rumber of NC contacts / for auxiliary contacts 0 operating voltage / of the auxiliary contacts / at AC / maximum S00 V continuous contacts / for auxiliary contacts 0 operating voltage / of the auxiliary contacts / at AC / maximum S00 V suitability suitability for use • enain switch • safety switch • safety switch • safety switch • can be locked into OFF position Yes • can be locked into OFF position rumber of NC contacts lock / maximum for duce • contact lock / maximum Appoarance • contact locks / maximum for solution • enotor drive • contact locks / maximum for solution • enotor drive • contact locks / maximum for solution • enotor drive • contact locks / maximum for • contage triger for	operating power	
• at AC-23 A / at 40 V / rated value 7.5 kW • at AC-23 A / at 90 V / rated value 8 kW • at AC-3 / at 400 V / rated value 6 kW • at AC-3 / at 400 V / rated value 6 kW • at AC-3 / at 400 V / rated value 5 kW • at AC-3 / at 400 V / rated value 6 kW • at AC-3 / at 630 V / rated value 5 kW • at AC-3 / at 400 V / rated value 16 A Abstingy circuit 0 number of NC contacts / for auxiliary contacts 0 operating voltage / of auxiliary contacts 0 operating voltage / of auxiliary contact / rated value 500 V Suitability for use 500 V • main switch Yes • witch disconnector Yes • witch disconnector Yes • witch disconnector Yes • main switch Yes • and boloked into OFF position Yes number of brackel locks / maximum 3		4 kW
et at AC-23 A / at 690 V / rated value it AC-3 / at 240 V / rated value it AC-3 / at 240 V / rated value it AC-3 / at 240 V / rated value it AC-3 / at 690 V / rated value it AC-3 / at 600 V / accor	 at AC-23 A / at 400 V / rated value 	8 kW
• et AC-3 / at 240 V / rated value 3 kW • et AC-3 / at 400 V / rated value 6 kW • et AC-3 / at 400 V / rated value 6 kW • et AC-3 / at 400 V / rated value 16 A Auxiliary circuit 16 A number of CO contacts / for auxiliary contacts 0 number of NO contacts / for auxiliary contacts 0 operating voltage / of the auxiliary contacts 0 operating voltage / of the auxiliary contacts 0 continuous current / of the auxiliary contacts / rated value 10 A insulation voltage / of the auxiliary contact / rated value 500 V Suitability suitability suitability of use 10 A insulation voltage / of the auxiliary contact / rated value 500 V Suitability suitability suitability suitability suitability Yes • maintenance/repair switch Yes • and b locked into OFF position Yes • number of backet locks / maximum 3 nape thickness / of the bracket locks / maximum 6 mm product details nom	 at AC-23 A / at 440 V / rated value 	7.5 kW
	 at AC-23 A / at 690 V / rated value 	8 kW
• at AC-3 / at 690 V / rated value 5.5 kW operational current / rated value 16 A Auxiliary circuit 0 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 500 V suitability 500 V suitability for use 0 • nain switch Yes • winch disconnector Yes • winch disconnector Yes • naintenance/repair switch Yes • all belocked into OFF position Yes • nain belocked locks / maximum 3 hasp thickness / of the bracket locks / maximum 3 hasp thickness / of the bracket locks / maximum 6 mm product feature No • voltage trigger No • oral belocket locks / maximum 6 mm product feature No • oral belocket locks / maximum 6 mm product feature No • oral belock	 at AC-3 / at 240 V / rated value 	3 kW
operational current / rated value 16 A Auxiliary circuit	• at AC-3 / at 400 V / rated value	6 kW
Auxiliary circuit 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 500 V insulation voltage / of the auxiliary contact / rated value 500 V suitability for 500 V suitability for use 6 • main switch Yes • switch disconnector Yes • main switch Yes • and inswitch Yes • and intenance/repair switch Yes Appoarance Color / of the actuating element black Product feature red tables ///>/ optical 3 hasp thickness / of the bracket locks / maximum 6 nord drive No No • voltage trigger No	• at AC-3 / at 690 V / rated value	5.5 kW
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 / at AC / maximum 500 V continuous current / of the auxiliary contacts 10 A insulation voltage / of the auxiliary switch / rated value 500 V suitability 500 V color / of the actuating elemen	operational current / rated value	16 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 / at AC / maximum 500 V continuous current / of the auxiliary contacts 10 A insulation voltage / of the auxiliary switch / rated value 500 V suitability 500 V color / of the actuating elemen	Auxiliary circuit	
number of NC contacts / for auxiliary contacts 0 operating voltage / of auxiliary contacts 0 continuous current / of the auxiliary contact. / rated value 10 A insulation voltage / of auxiliary sontact. / rated value 10 A Suitability Suitability suitability for use • • main switch Yes • switch disconnector Yes • maintenance/repair switch Yes • maintenance/repair switch Yes • maintenance/repair switch Yes otor / of the acuating element black Product feature • • can be locked into OFF position Yes number of bracket locks / maximum 3 nasp thickness / of the bracket locks / minimum 4 mm nasp thickness / of the bracket locks / minimum 6 mm product extension / optional • • motor drive No • onditional short-circuit current / with line-side fuse 50 kA accorditional short-circuit current / with line-side fuse 50 kA accorditional short-circuit current / with line-side fuse 50 kA <td></td> <td>0</td>		0
number of NO contacts / for auxiliary contacts / at AC / maximum 500 V 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 500 V • main switch Yes • switch disconnector Yes • switch disconnector Yes • maintenance/repair switch Yes • maintenance/repair switch Yes • maintenance/repair switch Yes • can be locked into OFF position Yes • roduct details product feature • can be locked into OFF position Yes • number of bracket locks / maximum 3 • hasp thickness / of the bracket locks / maximum 6 mm product extension / optional • • voltage trigger No Stort circuit Conditional short-circuit current / with line-side fuse protection • at 690 V / by Gf fuse / rated value 50 kA according UL 600 V 0 operational current / at AC / according to UL 600 V	· · · · · · · · · · · · · · · · · · ·	
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 • EMERGENCY OFF switch No • safety switch Yes • maintenance/repair switch Yes Appearance color / of the actuating element Product details Product details product feature 0 A mm - number of bracket locks / maximum 3 - hasp thickness / of the bracket locks / maximum 6 mm product extension / optional • voltage trigger • voltage trigger No Short circuit 50 kA according UL 50 kA according UL 600 V operating voltage / 1 A C / at 5006 Hz / according to UL 500 kA active power (hp) / at AC / at 5006 Hz / according to UL 600 V 508/UL 60947-4-1 / rated value 7.5 active power (hp) / at AC / at 500 V / according to UL 50 kA		0
Insulation voltage / of the auxiliary switch / rated value 500 V Suitability suitability or use • main switch Yes • switch disconnector Yes • EMERGENCY OFF switch No • safety switch Yes • main function carbon	operating voltage / of auxiliary contacts / at AC / maximum	500 V
Suitability suitability for use • main switch Yes • switch disconnector Yes • EMERGENCY OFF switch No • safety switch Yes • maintenance/repair switch Yes color / of the actuating element black Product details product feature 0 • can be locked into OFF position Yes number of bracket locks / maximum 3 hasp thickness / of the bracket locks / maximum 6 mm product details No • voltage trigger No • sta90 V / by gG fuse / rated value 50 kA	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 otor / 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 / maximum 4 mm hasp thickness / of the bracket locks / maximum 6 mm product details No voltage trigger No Short circuit Conditional short-circuit current / with line-side fuse protection or at 690 V / by gG fuse / rated value 50 kA according UL 600 V operational current / at AC / according to UL 508/UL 600 V 508/UL 60947-4-1 / rated value 600 V operating voltage / at AC / at 50/60 Hz / according to UL 508/UL 600 V 508/UL 60947-4-1 / rated value 7.5 coll 600 V soluble 60947-4-1 / rated value 7.5 soluble 60947-4-1 / rated value 7.5 soluble 60947-4-1 / rated value 7.5 soluble 60947-4-1 / rated value 7.5 <td>insulation voltage / of the auxiliary switch / rated value</td> <td>500 V</td>	insulation voltage / of the auxiliary switch / rated value	500 V
	Suitability	
switch disconnector Yes EMERGENCY OFF switch No safety switch Yes maintenance/repair switch Yes Appearance color / of the actuating element black Product details product details product details product details product set locks / maximum A mm hasp thickness / of the bracket locks / minimum 4 mm hasp thickness / of the bracket locks / maximum ontor drive voltage trigger No Short circuit conditional short-circuit current / with line-side fuse protection or at 680 V / by G fuse / rated value So kA according UL operational current / at AC / at coording to UL So8/UL 60947-4-1 / rated value active power [hp] / at AC / at 500 V / according to UL So8/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL So8/UL 60947-4-1 / rated value short-time withstand current (SCCR) / at 600 V / according to UL So8/UL 60947-4-1 / rated value short-time withstand current (SCCR) / at 600 V / according to UL So8/UL 60947-4-1 / rated value	suitability for use	
• EMERGENCY OFF switch No • safety switch Yes • maintenance/repair switch Yes Appearance color / of the actuating element oclor / of the actuating element black Product details product details product feature • can be locked into OFF position • 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 6 mm product extension / optional • motor drive • woltage trigger No Short circuit So kA according UL 50 kA according UL 600 V operational current / at AC / according to UL 508/UL 600 V soB/UL 60947.4-1 / rated value 7.5 soB/UL 60947.4-1 / rated value 7.5 soB/UL 60947.4-1 / rated value 10 short-time withstand current (SCCR) / at 600 V / according to UL 50 kA	main switch	Yes
• safety switch Yes • maintenance/repair switch Yes Appearance color / of the actuating element black Product details product feature e.an be locked into OFF position Yes number of bracket locks / maximum 3 hasp thickness / of the bracket locks / maximum 6 mm hasp thickness / of the bracket locks / maximum 6 mm 6 mm product extension / optional • motor drive No No No Short circuit conditional short-circuit current / with line-side fuse protection 50 kA according UL 600 V operating voltage / at AC / at 50/60 Hz / according to UL. 600 V 508/UL 60947-4-1 / rated value 7.5 active power [hp] / at AC / at 600 V / according to UL. 508/UL 60947-4-1 / rated value 7.5 active power [hp] / at AC / at 600 V / according to UL. 508/UL 60947-4-1 / rated value 10 short-line withstand current (SCR) / at 600 V / according 5 KA 56 56	 switch disconnector 	Yes
maintenance/repair switch Yes Appearance color / of the actuating element black Product details product details product feature e can be locked into OFF position Yes number of bracket locks / maximum 3 hasp thickness / of the bracket locks / maximum 6 man product extension / optional e motor drive voltage trigger No Short circuit conditional short-circuit current / with line-side fuse protection e 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 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-line withstand current (SCCR) / at 600 V / according to UL 508/UL 60947-4-1 / rated value		
Appearance color / of the actuating element black Product details product feature		
color / of the actuating element black Product details product feature • can be locked into OFF position • umber of bracket locks / maximum 3 hasp thickness / of the bracket locks / minimum 4 mm hasp thickness / of the bracket locks / maximum 6 mm product extension / optional • wotor drive • voltage trigger No Short circuit 200 conditional short-circuit current / with line-side fuse protection • at 680 V / by gG fuse / rated value operational current / at AC / according to UL 508/UL 508/UL 60947-4-1 / rated value 600 V operating voltage / at AC / at 50/60 Hz / according to UL 508/UL 60947-4-1 / rated value 600 V active power [hp] / at AC / at 480 V / according to UL 508/UL 60947-4-1 / rated value 7.5 active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value 10 active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value 50	EMERGENCY OFF switch	No
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 6 mm product extension / optional • motor drive • voltage trigger Short circuit conditional short-circuit current / with line-side fuse protection • at 690 V / by gG fuse / rated value 50 kA according UL operational current / at AC / according to UL 508/UL 600 V 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 short-time withstand current (S	EMERGENCY OFF switchsafety switch	No Yes
product feature Yes • 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 6 mm product extension / optional 6 mm • motor drive No • voltage trigger No Short circuit 0 conditional short-circuit current / with line-side fuse 50 kA according UL 50 kA operational current / at AC / according to UL 508/UL 16 A obg47-4-1 / rated value 600 V operating voltage / at AC / at 50/60 Hz / according to UL 600 V soB/UL 60947-4-1 / rated value 7.5 active power [hp] / at AC / at 480 V / according to UL 10 soB/UL 60947-4-1 / rated value 10 short-time withstand current (SCCR) / at 600 V / according to UL 5 kA	 EMERGENCY OFF switch safety switch maintenance/repair switch 	No Yes
• 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 6 mm product extension / optional • motor drive • woltage trigger No Short circuit • notor drive 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 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 600 V / according to UL 7.5 508/UL 60947-4-1 / rated value 10 active power [hp] / at AC / at 600 V / according to UL 55 KA	EMERGENCY OFF switch safety switch maintenance/repair switch Appearance	No Yes Yes
number of bracket locks / maximum 3 hasp thickness / of the bracket locks / minimum 4 mm hasp thickness / of the bracket locks / maximum 6 mm product extension / optional 6 mm • 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 16 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 7.5 508/UL 60947-4-1 / rated value 10 active power [hp] / at AC / at 600 V / according to UL 50 short-time withstand current (SCCR) / at 600 V / according to UL 50 kA	EMERGENCY OFF switch safety switch maintenance/repair switch Appearance color / of the actuating element	No Yes Yes
hasp thickness / of the bracket locks / minimum 4 mm hasp thickness / of the bracket locks / maximum 6 mm product extension / optional 6 mm e motor drive No • voltage trigger No Short circuit 0 conditional short-circuit current / with line-side fuse protection 50 kA according UL 50 kA operational current / at AC / according to UL 508/UL 16 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 7.5 active power [hp] / at AC / at 600 V / according to UL 7.5 508/UL 60947-4-1 / rated value 10 active power [hp] / at AC / at 600 V / according to UL 50 kA	EMERGENCY OFF switch safety switch maintenance/repair switch Appearance color / of the actuating element Product details	No Yes Yes
hasp thickness / of the bracket locks / maximum 6 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 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 508/UL 60947-4-1 / rated value 600 V active power [hp] / at AC / at 480 V / according to UL 508/UL 508/UL 60947-4-1 / rated value 7.5 active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value 10 short-time withstand current (SCCR) / at 600 V / according to UL 508/UL 60947-4-1 / rated value 5 kA	EMERGENCY OFF switch safety switch maintenance/repair switch Appearance color / of the actuating element Product details product feature	No Yes Yes black
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 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 7.5 so8/UL 60947-4-1 / rated value 10 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 e can be locked into OFF position	No Yes Yes black Yes
 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	EMERGENCY OFF switch safety switch maintenance/repair switch Appearance color / of the actuating element Product details product feature e can be locked into OFF position number of bracket locks / maximum	No Yes Yes black Yes 3
voltage trigger No Short circuit conditional short-circuit current / with line-side fuse protection e 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 800 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value 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 to UL for the with the top	EMERGENCY OFF switch safety switch maintenance/repair switch Appearance color / of the actuating element Product details product feature e 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
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 16 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 7.5 508/UL 60947-4-1 / rated value 10 active power [hp] / at AC / at 600 V / according to UL 50 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 e 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
conditional short-circuit current / with line-side fuse protection 50 kA • at 690 V / by gG fuse / rated value 50 kA according UL 0perational current / at AC / according to UL 508/UL 60947-4-1 / rated value 16 A operating voltage / at AC / at 50/60 Hz / according to UL 508/UL 60947-4-1 / rated value 600 V sole/UL 60947-4-1 / rated value 600 V active power [hp] / at AC / at 480 V / according to UL 508/UL 60947-4-1 / rated value 7.5 active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value 10 short-time withstand current (SCCR) / at 600 V / according 5 kA 5 kA	EMERGENCY OFF switch safety switch maintenance/repair switch Appearance color / of the actuating element Product details product feature e 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 6 mm
protection • at 690 V / by gG fuse / rated value 50 kA according UL operational current / at AC / according to UL 508/UL 16 A o0947-4-1 / 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 7.5 508/UL 60947-4-1 / rated value 10 active power [hp] / at AC / at 600 V / according to UL 5 kA	EMERGENCY OFF switch safety switch maintenance/repair switch Appearance color / of the actuating element Product details product feature e 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 e motor drive	No Yes Yes black Yes 3 4 mm 6 mm
according UL operational current / at AC / according to UL 508/UL 16 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 7.5 active power [hp] / at AC / at 480 V / according to UL 7.5 508/UL 60947-4-1 / rated value 10 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 e 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 e motor drive e voltage trigger	No Yes Yes black Yes 3 4 mm 6 mm
operational current / at AC / according to UL 508/UL 16 A 60947-4-1 / rated value 16 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 7.5 508/UL 60947-4-1 / rated value 10 active power [hp] / at AC / at 600 V / according to UL 5 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 	No Yes Yes black Yes 3 4 mm 6 mm
operational current / at AC / according to UL 508/UL 16 A 60947-4-1 / rated value 16 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 7.5 508/UL 60947-4-1 / rated value 10 active power [hp] / at AC / at 600 V / according to UL 5 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 6 mm No No
operating voltage / at AC / at 50/60 Hz / according to UL 600 V 508/UL 60947-4-1 / rated value 7.5 active power [hp] / at AC / at 480 V / according to UL 7.5 508/UL 60947-4-1 / rated value 10 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 6 mm No No
active power [hp] / at AC / at 480 V / according to UL 7.5 508/UL 60947-4-1 / rated value 7.5 active power [hp] / at AC / at 600 V / according to UL 10 508/UL 60947-4-1 / rated value 10 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 6 mm No No No
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 60947-4-1 / rated value operating voltage / at AC / at 50/60 Hz / according to UL 	No Yes Yes black Yes 3 4 mm 6 mm 6 mm No No S0 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 60947-4-1 / rated value active power [hp] / at AC / at 480 V / according to UL 	No Yes 3 4 mm 6 mm No No No 16 A 600 V
	 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 	No Yes black Yes 3 4 mm 6 mm No No No S0 kA 16 A 600 V 7.5

continuous current / of upstream fuse / according to UL / rated value	50 A
type of fuse / according to UL	- RK5
Number	
number of connectable NC contacts / for auxiliary contacts / attachable / maximum	3
number of connectable NO contacts / for auxiliary contacts / attachable / maximum	5
number of connectable CO contacts / for auxiliary contacts / attachable / maximum	0
Connections	
AWG number / as coded connectable conductor cross section / solid	
 maximum minimum 	10 18
type of connectable conductor cross-sections / for copper conductor	
• solid	1x (16mm²)
 finely stranded / with core end processing 	1x (14mm²)
stranded	1x (16mm ²)
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: 20 A
 for short-circuit protection of the auxiliary switch / required 	fuse gL/gG: 10 A
Mechanical Design	
height	75 mm
width	67 mm
depth	385 mm
fastening method	Built-in unit fixed-mounted version
fastening method	
 4-hole front mounting 	Yes
 front mounting with central attachment 	No
rail mounting	Yes
net weight	419 g
Environmental conditions	
ambient temperature / during operation	
minimum	-25 °C
• maximum	-25 °C
ambient temperature / during storage / minimum	-25 °C
	-20 0
General Product Approval	
Confirmation CCC	Miscellaneous UL VDE
General Product Declaration of Conformity	Marine / Shipping other







Miscellaneous



Further information

Information- and Downloadcenter (Catalogs, Brochures,...) http://www.siemens.com/lowvoltage/catalogs Industry Mall (Online ordering system) https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3LD2017-0TK11 Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3LD2017-0TK11 Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3LD2017-0TK11 CAx-Online-Generator http://www.siemens.com/cax Tender specifications http://www.siemens.com/specifications

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