SIEMENS

Data sheet 3LD2154-1TP51



SENTRON, Switch disconnector 3LD, main switch, 3-pole, lu: 25 A, Operating power / at AC-23 A at 400 V: 9.5 kW, front-mounted, 1 NC, 1 NO, 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	front mounted		
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	4 kA2.s		
let-through I2t value / with closed switch / at 440 V / for combination switch + gG fuse / maximum	4 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 	1.1 W		
 per conductor / typical 	1 W		
Current			
operational current			
 at 40 °C / rated value 	25 A		
at 45 °C / rated value	25 A		
 at 50 °C / rated value 	25 A		
• at 55 °C / rated value	25 A		

	at AC / rated value	05.4
e at AC-21 At 860 V / Interd value 25 A e at AC-21 A / at 440 V / Interd value 25 A e at AC-21 A / at 440 V / Interd value 25 A external value 25 A perainorial current / or upstream fuse / rated value 25 A external		25 A
at AC-21 A/ at 440 V / rated value 25 A at AC-21 A/ at 440 V / rated value 25 A operational current / for Lopisteriam fuse / rated value 25 A let-through current / with closed switch at 440 V / for combination switch + gG fuse / maximum at 600 V / for combination switch + gG fuse / maximum permissible Main circuit operating power at AC-23 A / at 240 V / rated value 5 kW at AC-23 A / at 240 V / rated value 10 kW at AC-23 A / at 400 V / rated value 10 kW at AC-23 A / at 400 V / rated value 10 kW at AC-23 A / at 400 V / rated value 10 kW at AC-23 A / at 400 V / rated value 25 kW at AC-23 A / at 400 V / rated value 35 kW at AC-23 A / at 400 V / rated value 36 kW at AC-31 x / at 240 V / rated value 48 kW at AC-31 x / at 240 V / rated value 58 kW at AC-31 x / at 240 V / rated value 58 kW at AC-31 x / at 600 V / rated value 7.5 kW operational current / rated value 25 A Austiliary circuit 40 contacts / for auxiliary contacts 10 current / rated value 25 A Auxiliary circuit 50 contacts / for auxiliary contacts 10 current / rated value 50 kW operational current / rated value 70 kW operational current / of the auxiliary contacts 10 current of the auxiliary contacts 10 current of the current of the ouxiliary contacts 10 current of the current of the ouxiliary contacts 10 current of the ouxiliary contacts 10 current of the ouxiliary contacts 10 current / value 10 kW operational current / of the auxiliary contacts 10 current / value 10 kW operational short-circuit current / with line side fuse product detaire 0 kW by gG suse / rated value 50 kW operational current / at AC / accordin		
e at AC-21 A/ at 440 V / rated value Jet-frough nument / orth patersom fixe / rated value Jet-frough nument / with closed switch e at 440 V / for combination switch + gG fuse / at 460 V / for combination switch + gG fuse / at 460 V / for combination switch + gG fuse / at 460 V / for combination switch + gG fuse / at 460 V / for combination switch + gG fuse / at 460 V / for combination switch + gG fuse / at 460 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-31 A / at 400 V / rated value e at AC-31 at 400 V / rated value for at AC-31 at 400 V / rated value e at AC-31 at 400 V / rated value e at AC-31 at 400 V / rated value e at AC-31 at 400 V / rated value e at AC-31 at 400 V / rated value e at AC-31 at 400 V / rated value e at AC-31 at 400 V / rated value e at AC-31 at 400 V / rated value e at AC-31 at 400 V / rated value e at AC-31 at 400 V / rated value e at AC-31 at 400 V / rated value e at AC-31 at 400 V / rated value e at AC-31 at 400 V / rated value e at AC-31 at 400 V / rated value e at AC-31 at 400 V / rated value e at AC-31 at 400 V / rated value e at AC-31 at 400 V / rated value e at AC-31 at 400 V / rated value		
Let-through current / with closed switch 25 A		
let-Procupt current / with closed switch + gG fuse / at 440 V / for combination switch + gG fuse / at 240 V / for combination switch + gG fuse / at 240 V / for combination switch + gG fuse / at 240 V / for combination switch + gG fuse / at 240 V / for combination switch + gG fuse / at 240 V / for combination switch + gG fuse / at 240 V / for combination switch + gG fuse / at 240 V / for combination switch + gG fuse / at 240 V / for combination switch + gG fuse / at 240 V / for combination switch + gG fuse / at 240 V / for combination switch + gG fuse / at 240 V / for add value 10 kW at 240 V / for add value 10 kW at 240 V / for add value 4 kW at 240 V / for add value 4 kW at 240 V / for add value 25 A for add villation		
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 10 kW at AC-23 A / at 440 V / rated value 10 kW at AC-23 A / at 440 V / rated value 10 kW at AC-31 A / at 420 V / rated value 4 kW at AC-31 A / at 420 V / rated value 5 kW at AC-31 at 240 V / rated value 5 kW at AC-31 at 690 V / rated value 7.5 kW at AC-31 at 690 V / rated value 7.5 kW at AC-31 at 690 V / rated value 7.5 kW aperational courter / rated value 8.5 kW	·	25 A
maximum		0.514
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 operation all current / rated value operation of contacts / for auxiliary contacts number of NC contacts / for auxiliary contacts 1 number of NC contacts / for auxiliary contacts 1 number of NC contacts / for auxiliary contacts 1 number of NC contacts / for auxiliary contacts 1 1 10 10 10 20 20 20 20 20		3.5 KA
maximum permissible Main circuit		<i>Δ</i> kΔ
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 at AC-3 / at 240 V / rated value at AC-3 / at 240 V / rated value 3 kW at AC-3 / at 240 V / rated value 25 A Auxiliary circuit number of CO contacts / for auxiliary contacts number of NC contacts / for auxiliary contacts number of trace emain switch yes		TIVA
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 at AC-3 / at 240 V / rated value at AC-3 / at 240 V / rated value 3 kW at AC-3 / at 240 V / rated value 25 A Auxiliary circuit number of CO contacts / for auxiliary contacts number of NC contacts / for auxiliary contacts number of trace emain switch yes	Main circuit	
* at AC-23 A / at 400 V / rated value * at AC-23 A / at 400 V / rated value * at AC-23 A / at 400 V / rated value * at AC-23 A / at 400 V / rated value * at AC-23 A / at 400 V / rated value * at AC-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 * 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 * operation of Contacts / for auxiliary contacts * operation of Contacts / for auxiliary contacts * number of NC contacts / for auxiliary contacts * number of NC contacts / for auxiliary contacts * number of NC contacts / for auxiliary contacts * operating voltage / of the auxiliary contacts * operating voltage / of the auxiliary contact / rated value * insulation voltage / of the auxiliary contact / rated value * insulation voltage / of the auxiliary contact / rated value * on an awaith * waith disconnector * email waith of the auxiliary switch / rated value * on an awaith * waith disconnector * email of the auxiliary switch * on an awaith * yes * awaith disconnector * email of the auxiliary switch * on an awaith * yes * awaith disconnector * email of the auxiliary switch * on an awaith * yes * awaith disconnector * on a be locked into OFF position * on an awaith of the auxiliary switch * on awaith	operating power	
at AC-23 A / at 400 V / rated value at AC-23 A / at 400 V / rated value 9.5 kW at AC-23 A / at 600 V / rated value 4 kW 4 at AC-3 / at 240 V / rated value 8 kW 5 at AC-3 / at 2600 V / rated value 8 kW 25 A Availary circuit number of CO contacts / for auxiliary contacts number of NC contacts / for auxiliary contacts number of NC contacts / for auxiliary contacts 1 number of NC contacts / for auxiliary contacts 1 number of NC contacts / for auxiliary contacts 1 number of NC contacts / for auxiliary contacts 1 number of NC contacts / for auxiliary contacts 1 number of NC contacts / for auxiliary contacts 1 number of NC contacts / for auxiliary contacts 1 number of NC contacts / for auxiliary contacts 1 number of NC contacts / for auxiliary contacts 1 number of NC contacts / for auxiliary contacts 1 number of NC contacts / for auxiliary contacts 1 number of NC contacts / for auxiliary contacts 1 number of NC contacts / for auxiliary contacts 2 number of NC contacts / for auxiliary contacts 2 number of NC contacts / for auxiliary contacts 2 number of NC contacts / for auxiliary contacts 2 number of NC contacts / for auxiliary contacts 2 number of NC contacts / for auxiliary contacts 2 number of NC contacts / for auxiliary contacts 2 number of NC contacts / for auxiliary contacts 2 number of NC contacts / for auxiliary contacts 2 number of NC contacts / for auxiliary contacts 3 number of NC contacts / for auxiliary contacts 4 number of NC contacts / for auxiliary contacts 5 number of NC contacts / for auxiliary contacts 5 number of NC contacts / for auxiliary contacts 5 number of NC contacts / for auxiliary contacts 5 number of NC contacts / for auxiliary contacts 6 number of NC contacts / for auxiliary contacts 7 / se number of NC contacts / for auxiliary contacts 7 / se number of NC contacts / for auxiliary contacts 7 / se number of NC contacts / for auxiliary contacts 8 number of NC contacts / for auxiliary contacts 9 / se number of NC contacts / se number of NC contacts / se number of NC contacts / se number of		5 kW
at AC-23 A / at 490 V / rated value at AC-23 A / at 590 V / rated value at AC-3 / at 300 V / rated value at AC-3 / at 300 V / rated value at AC-3 / at 300 V / rated value at AC-3 / at 500 V / rated value 25 A Auxiliary circuit number of CC contacts / for auxiliary contacts number of NC contacts / for auxiliary contacts 1 number of NC contacts / for auxiliary contacts 1 operating voltage / of auxiliary contacts / at AC / maximum continuous current / of the auxiliary switch / rated value Suitability suitability suitability suitability suitability or use • main switch • switch disconnector • switch disconnector • EMERGENCY OFF switch • safety switch • safety switch • safety switch Product details Appearance color / of the acusaling element Product details Product details Product details Appearance		
at AC-3 / at 240 V / rated value at AC-3 / at 400 V / rated value at AC-3 / at 690 V / rated value 7.5 kW operational current / rated value 25 A Auxillary circuit number of CO contacts / for auxillary contacts number of NC contacts / for auxillary contacts 1 number of NC contacts / for auxillary contacts 1 operating voltage / of auxillary contacts 1 operating voltage / of the auxillary contacts 1 operating voltage / of the auxillary contacts 1 operating voltage / of the auxillary contact / rated value continuous current / of the auxillary contact / rated value insulation voltage / of the auxillary switch / rated value 500 V Suitability suitability for use a main switch b switch disconnector b e MERGENCY OFF switch c switch disconnector b e MERGENCY OFF switch c safety switch c safety switch c naintenance/repair switch Appearance color / of the actuating element c on the locked into OFF position number of bracket locks / maximum Anaph thickness / of the bracket locks / minimum Anaph thickness / of the bracket locks / minimum Anaph thickness / of the bracket locks / maximum product extension / optional nord rive voltage trigger No Short circuit conditional short-circuit current / with line-side fuse protection at 690 V / by gG fuse / rated value scive power [hp] / 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 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	 at AC-23 A / at 440 V / rated value 	9.5 kW
at AC-3 / at 400 V / rated value at AC-3 / at 600 V / rated value 7.5 kW operational current / rated value 25 A Auxillary circuit number of CO contacts / for auxiliary contacts number of NC contacts / for auxiliary contacts 1 number of NC contacts / for auxiliary contacts 1 number of NC contacts / for auxiliary contacts 1 operating voltage / of auxiliary contacts / at AC / maximum continuous current / of the auxiliary contact / rated value sout a voltage / of the auxiliary switch / rated value 500 V Suitability suitability for use • main switch • switch disconnector • safety switch • switch disconnector • EMERGENCY OFF switch • maintenance/repair switch • maintenance/repair switch • maintenance/repair switch * yes * acted to contact / for auxiliary contact / yes • maintenance/repair switch * yes * maintenance/repair switch * yes * product details product feature • a can be locked into OFF position * a can be locked into OFF position * number of bracket locks / maximum * hasp thickness / of the bracket locks / minimum hasp thickness / of the bracket locks / minimum • notor drive • voltage trigger No * Short circuit conditional short-circuit current / with line-side fuse protection • at 690 V / by g G fuse / rated value * according UL * operating voltage / at AC / at 480 V / according to UL * 588/UL 60947-4-1 / rated value * active power/fip/) at AC / at 480 V / according to UL * 588/UL 60947-4-1 / rated value * active power/fip/) at AC / at 480 V / according to UL * 588/UL 60947-4-1 / rated value * active power/fip/) at AC / at 480 V / according to UL * 588/UL 60947-4-1 / rated value * active power/fip/) at AC / at 480 V / according to UL * 588/UL 60947-4-1 / rated value * active power/fip/) at AC / at 480 V / according to UL * 588/UL 60947-4-1 / rated value * active power/fip/ 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 7.5 kW operational current / rated value 25 A Auxillary circuit number of CO contacts / for auxiliary contacts number of NC contacts / for auxiliary contacts 1 number of NC contacts / for auxiliary contacts 1 number of NC contacts / for auxiliary contacts 1 operating voltage / of auxiliary contacts / at AC / maximum continuous current / of the auxiliary contact / rated value sout a voltage / of the auxiliary switch / rated value 500 V Suitability suitability for use • main switch • switch disconnector • safety switch • switch disconnector • EMERGENCY OFF switch • maintenance/repair switch • maintenance/repair switch • maintenance/repair switch * yes * acted to contact / for auxiliary contact / yes • maintenance/repair switch * yes * maintenance/repair switch * yes * product details product feature • a can be locked into OFF position * a can be locked into OFF position * number of bracket locks / maximum * hasp thickness / of the bracket locks / minimum hasp thickness / of the bracket locks / minimum • notor drive • voltage trigger No * Short circuit conditional short-circuit current / with line-side fuse protection • at 690 V / by g G fuse / rated value * according UL * operating voltage / at AC / at 480 V / according to UL * 588/UL 60947-4-1 / rated value * active power/fip/) at AC / at 480 V / according to UL * 588/UL 60947-4-1 / rated value * active power/fip/) at AC / at 480 V / according to UL * 588/UL 60947-4-1 / rated value * active power/fip/) at AC / at 480 V / according to UL * 588/UL 60947-4-1 / rated value * active power/fip/) at AC / at 480 V / according to UL * 588/UL 60947-4-1 / rated value * active power/fip/) at AC / at 480 V / according to UL * 588/UL 60947-4-1 / rated value * active power/fip/ at AC / at 480 V / according to UL * 588/UL 60947-4-1 / rated value		
• at AC-3 / at 690 V / rated value 25 A Auxillary cruit number of CO contacts / for auxiliary contacts 0 number of NC contacts / for auxiliary contacts 1 number of NC contacts / for auxiliary contacts 1 operating voltage / of auxiliary contacts 1 operating voltage / of auxiliary contacts / at AC / maximum 500 V continuous current / of the auxiliary switch / rated value 500 V Solitability suitability suitability use • main switch Yes • switch disconnector 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 / minimum 4 mm hasp thickness / of the bracket locks / minimum 8 mm product extension / optional • notor drive • voltage trigger Short circuit conditional short-circuit current / with line-side fuse protection • at 690 V / by gG fuse / rated value coperating 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 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value		
operational current / rated value 25 A Auxiliary circuit number of OC contacts / for auxiliary contacts 0 number of NC contacts / for auxiliary contacts 1 number of NC contacts / for auxiliary contacts 1 operating voltage / of auxiliary contacts 1 operating voltage / of auxiliary contacts / 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 for use • main switch Yes • main switch Yes • main switch Yes • safety switch No • safety switch Yes • main switch Yes • main switch Yes • main switch Yes • main switch Yes • main switch Yes • main switch Yes • main switch Yes • main switch Yes • and be actually switch Yes • and be actually switch Yes Appearance color / of the actualing element black Product details product details product details product details • and be locked into OFF position Yes number of bracket locks / maximum 4 mm hasp thickness / of the bracket locks / minimum 4 mm hasp thickness / of the bracket locks / maximum 8 mm product exhesion / optional • motor drive No • voltage trigger No Short circuit conditional short-circuit current / with line-side fuse protection • at 800 V / by gG fuse / rated value 50 kA according UL operating voltage / at AC / at 6006 Nz / according to UL 508/UL 60947-4-1 / rated value active power [np] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [np] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [np] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [np] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [np] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [np] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value		
Auxillary circuit number of CO contacts / for auxiliary contacts number of NC contacts / for auxiliary contacts 1 number of NC contacts / for auxiliary contacts 1 coperating voltage / of auxiliary contacts / at AC / maximum continuous current / of the auxiliary contact / rated value insulation voltage / of the auxiliary contact / rated value insulation voltage / of the auxiliary switch / rated value Sout voltage / of the auxiliary switch / rated value Sout voltage / of the auxiliary switch / rated value Sout voltage / of the auxiliary switch / rated value Sout voltage / of the auxiliary switch / rated value Sout voltage / of the auxiliary switch / rated value Sout voltage / of the auxiliary switch / rated value Sout voltage / of the auxiliary switch / rated value Sout voltage / of the auxiliary switch / rated value Sout voltage / of the auxiliary switch / rated value Sout voltage / of the auxiliary switch / rated value Sout voltage / of the bracket locks / maximum / ankaps thickness / of the bracket locks / maximum / ankaps thickness / of the bracket locks / maximum / ankaps thickness / of the bracket locks / maximum / ankaps thickness / of the bracket locks / maximum / ankaps thickness / of the bracket locks / maximum / ankaps thickness / of the bracket locks / maximum / ankaps thickness / of the bracket locks / maximum / ankaps thickness / of the bracket locks / maximum / ankaps thickness / of the bracket locks / maximum / ankaps thickness / of the bracket locks / maximum / ankaps thickness / of the bracket locks / maximum / ankaps thickness / of the bracket locks / maximum / ankaps thickness / of the bracket locks / maximum / ankaps thickness / of the bracket locks / maximum / ankaps / an		
number of CO contacts / for auxiliary contacts number of NC contacts / for auxiliary contacts 1 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 500 V suitability suitability suitability for use • main switch • switch disconnector • EMERGENCY OFF switch • safety switch • 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 • wotolage trigger • voltage trigger short circuit conditional short-circuit current / with line-side fuse protection • at 690 V / by gG fuse / rated value active power [hp] / at AC / at 480 V / according to UL 508/UL 60947*4-1 / rated value active power [hp] / at AC / at 460 0 V / according short-tircuit withstand current (SCCR) / at 600 V / according 5 KA		
number of NC contacts / for auxiliary contacts 1 number of NC contacts / for auxiliary contacts 1 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 Suitability Wes • main switch Yes • switch disconnector Yes • EMERGENCY OFF switch No • safety switch Yes • maintenance/repair switch Yes • maintenance/repair switch Yes • maintenance/repair switch Yes • maintenance/repair switch Yes • maintenance/repair switch Yes • maintenance/repair switch Yes maintenance/repair switch Yes product details product feature • can be locked into OFF position Yes number of bracket locks / maximum 3 hasp thickness / of the bracket locks / minimum 4 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 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 60947-4-1 / rated value		0
number of NO contacts / for auxiliary contacts / at AC / maximum 500 V continuous current / of the auxiliary contacts / at AC / maximum 500 V suitability auxiliary contacts / at AC / maximum 500 V suitability or use • main switch Yes • switch disconnector Yes • switch disconnector Yes • maintenance/repair switch Yes • name to locked into OFF position Yes number of bracket locks / maximum 4 mm hasp thickness / of the bracket locks / maximum 4 mm hasp thickness / of the bracket locks / maximum 9 moduct extension / optional • motor drive No voltage trigger No No No voltage trigger No No No voltage trigger 4 AC / at 50/60 Hz / according to UL 508/UL 60947'4-11 / rated value active power [hp] / at AC / at 480 V / according to UL 508/UL 60947'4-11 / rated value active power [hp] / at AC / at 480 V / according to UL 508/UL 60947'4-11 / rated value active power [hp] / at AC / at 480 V / according to UL 508/UL 60947'4-11 / rated value active power [hp] / at AC / at 480 V / according to UL 508/UL 60947'4-11 / rated value active power [hp] / at AC / at 480 V / according to UL 508/UL 60947'4-11 / rated value active power [hp] / at AC / at 480 V / according to UL 508/UL 60947'4-11 / rated value active power [hp] / at AC / at 480 V / according to UL 508/UL 60947'4-11 / rated value active power [hp] / at AC / at 480 V / according to UL 508/UL 60947'4-11 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947'4-11 / rated value active power [hp] / at AC / at 480 V / according to UL 508/UL 60947'4-11 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947'4-11 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947'4-11 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947		
operating voltage / of auxiliary contacts / at AC / maximum continuous current / of the auxiliary contact / rated value insulation voltage / of the auxiliary switch / rated value Sout V Suitability suitability for use • main switch • switch disconnector • EMERGENCY OFF switch • safety switch • maintenance/repair switch • maintenance/repair switch • maintenance/repair switch • can be locked into OFF position 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 • 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 solv-Ultshort withstand current (SCCR) / at 600 V / according to UL solv-Ultshort withstand current (SCCR) / at 600 V / according to UL solv-Ultshort withstand current (SCCR) / at 600 V / according to UL solv-Ultshort withstand current (SCCR) / at 600 V / according to UL solv-Ultshort withstand current (SCCR) / at 600 V / according to UL solv-Ultshort withstand current (SCCR) / at 600 V / according to UL solv-Ultshort withstand current (SCCR) / at 600 V / according to UL solv-Ultshort withstand current (SCCR) / at 600 V / according to UL solv-Ultshort withstand current (SCCR) / at 600 V / according to UL solv-Ultshort withstand current (SCCR) / at 600 V / according to UL solv-Ultshort withstand current (SCCR) / at 600 V / according to UL solv-Ultshort withstand current (SCCR) / at 600 V / according to UL solv-Ultshort withstand current (SCCR) / at 600 V / according to UL solv-Ultshort with succession and succession an		
continuous current / of the auxiliary contact / rated value insulation voltage / of the auxiliary switch / rated value Suitability suitability suitability for use • main switch • switch disconnector • EMERGENCY OFF switch • safety switch • safety switch • maintenance/repair switch • maintenance/repair switch • maintenance/repair switch Product details product details product feature • can be locked into OFF position number of bracket locks / maximum 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 short-time withstand current (SCCR) / at 600 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 short-time withstand current (SCCR) / at 600 V / according to UL 508/UL 60947-4-1 / rated value		
insulation voltage / of the auxiliary switch / rated value Suitability suitability for use		
Suitability suitability for use • main switch • switch disconnector • EMERGENCY OFF switch • safety switch • maintenance/repair switch • maintenance/repair switch • maintenance/repair switch • maintenance/repair switch Yes 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 / minimum 4 mm hasp thickness / of the bracket locks / maximum 9 mounter 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 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		
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 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 short-time withstand current (SCCR) / 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 smm 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 maintenance/repair switch Product details product details product feature	•	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 outlage / 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		
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 ahasp 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 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		
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		
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 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	Thaintenance/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 / 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 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 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value	·	res
product feature	Appearance	
• 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	Appearance color / of the actuating element	
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 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 5 kA	Appearance color / of the actuating element Product details	
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	Appearance color / of the actuating element Product details product feature	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 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	Appearance color / of the actuating element Product details product feature • can be locked into OFF position	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	Appearance color / of the actuating element Product details product feature • can be locked into OFF position number of bracket locks / maximum	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	Appearance color / of the actuating element Product details product feature • can be locked into OFF position number of bracket locks / maximum hasp thickness / of the bracket locks / minimum	Yes 3 4 mm
■ 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 short-time withstand current (SCCR) / at 600 V / according 5 kA	Appearance color / of the actuating element Product details product feature • can be locked into OFF position number of bracket locks / maximum hasp thickness / of the bracket locks / maximum hasp thickness / of the bracket locks / maximum	Yes 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	Appearance color / of the actuating element Product details product feature • can be locked into OFF position number of bracket locks / maximum hasp thickness / of the bracket locks / maximum hasp thickness / of the bracket locks / maximum product extension / optional	Yes 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	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	black Yes 3 4 mm 8 mm
protection	Appearance color / of the actuating element Product details product feature	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 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	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	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 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	Appearance color / of the actuating element Product details product feature • can be locked into OFF position number of bracket locks / maximum hasp thickness / of the bracket locks / minimum hasp thickness / of the bracket locks / maximum product extension / optional • motor drive • voltage trigger Short circuit conditional short-circuit current / with line-side fuse protection	Yes 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	Appearance color / of the actuating element Product details product feature • can be locked into OFF position number of bracket locks / maximum hasp thickness / of the bracket locks / minimum hasp thickness / of the bracket locks / maximum product extension / optional • motor drive • voltage trigger Short circuit conditional short-circuit current / with line-side fuse protection • at 690 V / by gG fuse / rated value	Yes 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	Appearance color / of the actuating element Product details product feature • can be locked into OFF position number of bracket locks / maximum hasp thickness / of the bracket locks / minimum hasp thickness / of the bracket locks / maximum product extension / optional • motor drive • voltage trigger Short circuit conditional short-circuit current / with line-side fuse protection • at 690 V / by gG fuse / rated value	Yes 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	Appearance color / of the actuating element Product details product feature • can be locked into OFF position number of bracket locks / maximum hasp thickness / of the bracket locks / minimum hasp thickness / of the bracket locks / maximum product extension / optional • motor drive • voltage trigger Short circuit conditional short-circuit current / with line-side fuse protection • at 690 V / by gG fuse / rated value according UL operational current / at AC / according to UL 508/UL	Yes 3 4 mm 8 mm No No
508/UL 60947-4-1 / rated value short-time withstand current (SCCR) / at 600 V / according 5 kA	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	Yes 3 4 mm 8 mm No No No
	Appearance color / of the actuating element Product details product feature • can be locked into OFF position number of bracket locks / maximum hasp thickness / of the bracket locks / minimum hasp thickness / of the bracket locks / maximum product extension / optional • motor drive • voltage trigger Short circuit conditional short-circuit current / with line-side fuse protection • at 690 V / by gG fuse / rated value according UL operational current / at AC / according to UL 508/UL 60947-4-1 / rated value operating voltage / at AC / at 50/60 Hz / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 480 V / according to UL	Yes 3 4 mm 8 mm No No No 50 kA
	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 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL	Yes 3 4 mm 8 mm No No No 10

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	1		
number of connectable NO contacts / for auxiliary contacts / attachable / maximum	1		
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	2x (0.75 2.5 mm²), 1x 4 mm²		
 finely stranded / with core end processing 	2x (0.75 1.5 mm²), 1x 2.5 mm²		
stranded	2x (0.75 2.5 mm²), 1x 4 mm²		
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: 25 A		
 for short-circuit protection of the auxiliary switch / required 	fuse gL/gG: 10 A		
Mechanical Design			
height	84 mm		
width	67 mm		
depth	116.5 mm		
fastening method	Built-in unit fixed-mounted version		
fastening method			
 4-hole front mounting 	No		
 front mounting with central attachment 	Yes		
rail mounting	No		
net weight	251 g		
Environmental conditions			
ambient temperature / during operation			
• minimum	-25 °C		
maximum	55 °C		
ambient temperature / during storage / minimum	-25 °C		
General Product Approval			





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=3LD2154-1TP51

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

https://support.industry.siemens.com/cs/ww/en/ps/3LD2154-1TP51

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3LD2154-1TP51

CAx-Online-Generator

http://www.siemens.com/cax

Tender specifications

http://www.siemens.com/specifications

