SIEMENS

Data sheet

3LD2165-5VD51-0AE2



SENTRON, Switch disconnector 3LD, main switch, 6-pole, lu: 25 A, Operating power / at AC-23 A at 400 V: 9.5 kW, molded-plastic encapsulation for metric screw connection, 1 NC, 1 NO, rotary operating mechanism, black

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	6			
number of poles / note	N			
type of device	fixed mounting			
type of switch	Molded-plastic enclosure for metric threaded joint			
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			
operational current / at AC / rated value	25 A			
Protection class				
protection class IP	IP65			
degree of protection NEMA rating	1, 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	1.1 W			
Current				
operational current				

e at AC-23 A / at 40 V / rated value 25 A 25 A 24 A 24 A 24 A 25 A 25 A 25 A	1.40.00.47.1400.77.1.1.1.1	
e at AC-21 A/ at 240 V rated value 25 A operational current / of upstream fuse / rated value 25 A operational current / of upstream fuse / rated value 25 A let-through current / with closed switch 4 gG fuse / at 440 V for combination switch + gG fuse / as 5 kA maximum et al 660 V for combination switch + gG fuse / as 5 kA maximum permissible with a switch of the combination switch + gG fuse / at AC-23 A / at 240 V / rated value 5 kW et at AC-23 A / at 240 V / rated value 9.5 kW et at AC-23 A / at 240 V / rated value 9.5 kW et at AC-23 A / at 240 V / rated value 9.5 kW et at AC-23 A / at 240 V / rated value 9.5 kW et at AC-23 A / at 240 V / rated value 9.5 kW et at AC-23 A / at 240 V / rated value 9.5 kW et at AC-23 A / at 260 V / rated value 7.5 kW et at AC-23 A / at 260 V / rated value 7.5 kW et at AC-23 A / at 600 V / rated value 7.5 kW et at AC-23 A / at 600 V / rated value 7.5 kW et at AC-23 A / at 600 V / rated value 7.5 kW et at AC-23 A / at 600 V / rated value 8.5 kW et at AC-23 A / at 600 V / rated value 9.5 kW et at AC-23 A / at 600 V / rated value 9.5 kW et at AC-23 A / at 600 V / rated value 9.5 kW et at AC-23 A / at 600 V / rated value 9.5 kW et at AC-23 A / at 600 V / rated value 9.5 kW et at AC-23 A / at 600 V / rated value 9.5 kW et at AC-23 A / at 600 V / rated value 9.5 kW et at AC-23 A / at 600 V / rated value 9.5 kW et at AC-23 A / at 600 V / rated value 9.5 kW et at AC-23 A / at 600 V / rated value 9.5 kW et at AC-23 A / at 600 V / rated value 9.5 kW et at AC-23 A / at 600 V / rated value 9.5 kW et at AC-23 A / at 600 V / rated value 9.5 kW et at AC-24 kW et at AC-25 kW et at AC-	• at AC-23 A / at 400 V / rated value	20 A
e at AC-21 A/ at 444 V / rated value 25 A operational current / of upstream fuse / rated value 25 A let-through current / with closed switch 25 A statistic for a switch 4 of the combination switch + 9G fuse / maximum e st 969 V / for combination switch + 9G fuse / maximum permissible with a switch + 9G fuse / maximum permissible with a switch + 9G fuse / maximum permissible of a switch + 9G fuse / maximum permissible with a switch + 9G fuse / maximum permissible value 9.5 kW e at AC-23 A/ at 4240 V / rated value 9.5 kW e at AC-23 A/ at 440 V / rated value 9.5 kW e at AC-23 A/ at 440 V / rated value 9.5 kW e at AC-33 A/ at 400 V / rated value 4 kW e at AC-31 at 400 V / rated value 9.5 kW e at AC-31 at 400 V / rated value 4 kW e at AC-31 at 400 V / rated value 7.5 kW e at AC-31 at 400 V / rated value 7.5 kW e at AC-31 at 400 V / rated value 9.5 kW e at AC-31 at 900 V / rated value 9.5 kW e at AC-31 at 900 V / rated value 9.5 kW e at AC-31 at 900 V / rated value 9.5 kW e at AC-31 at 900 V / rated value 9.5 kW e at AC-31 at 900 V / rated value 9.5 kW e at AC-31 at 900 V / rated value 9.5 kW e at AC-31 at 900 V / rated value 9.5 kW e at AC-31 at 900 V / rated value 9.5 kW e at AC-31 at 900 V / rated value 9.5 kW e at AC-31 at 900 V / rated value 9.5 kW e at AC-31 at 900 V / rated value 9.5 kW e at AC-31 at 900 V / rated value 9.5 kW e at AC-31 at 900 V / rated value 9.5 kW e 9.5 k	at AC-21 / at 690 V / rated value	25 A
Department of upstream fuse / rated value 25 A	at AC-21 A / at 240 V / rated value	25 A
let-hrough current / with closed switch and 40 / / for combination switch + gG fuse / maximum attention att	at AC-21 A / at 440 V / rated value	25 A
let-frough current / with closed switch a at 40 V / for combination switch + gG fuse / maximum at 860 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 40 V / rated value 9,5 kW at AC-23 A / at 40 V / rated value 9,5 kW at AC-23 A / at 40 V / rated value 9,5 kW at AC-33 A / at 400 V / rated value 9,5 kW at AC-33 / at 400 V / rated value 9,5 kW at AC-33 / at 400 V / rated value 7,5 kW at AC-33 / at 500 V / rated value 7,5 kW at AC-3 / at 500 V / rated value 7,5 kW poperational current / rated value 10 value of AC poperating value of AC poper	operational current / of upstream fuse / rated value	25 A
at 440 V / for combination switch + gG fuse / maximum at 690 V / for combination switch + gG fuse / maximum permissible Main circuit operating power at AC-29 A / at 400 V / rated value at AC-29 A / at 400 V / rated value at AC-29 A / at 400 V / rated value y 5 kW at AC-29 A / at 400 V / rated value y 5 kW at AC-29 A / at 400 V / rated value y 5 kW at AC-29 A / at 400 V / rated value at AC-29 A / at 400 V / rated value y 5 kW at AC-31 A / at 400 V / rated value y 5 kW at AC-31 A / at 400 V / rated value at AC-31 A / at 900 V / rated value y 5 kW at AC-31 A / at 900 V / rated value y 5 kW at AC-31 A / at 900 V / rated value y 5 kW at AC-31 A / at 900 V / rated value y 5 kW operational current / rated value operating vollage / of auxiliary contacts operating vollage / of the auxiliary contact / rated value operating vollage / at X V / a 460 V / according to UL 558/UL 60047-4-1 / rated value operating vollage / at X V / a 460 V / ac		
maximum entilisation witch + gG fuse / 3.5 kA maximum permissible Main circuit operating power et al. AC-23 A / at 400 V / rated value 9.5 kW et al. AC-23 A / at 440 V / rated value 9.5 kW et al. AC-23 A / at 440 V / rated value 9.5 kW et al. AC-23 A / at 400 V / rated value 9.5 kW et al. AC-23 A / at 400 V / rated value 9.5 kW et al. AC-23 A / at 400 V / rated value 9.5 kW et al. AC-23 A / at 400 V / rated value 9.5 kW et al. AC-3 / at 240 V / rated value 9.5 kW et al. AC-3 / at 240 V / rated value 7.5 kW et al. AC-3 / at 260 V / rated value 7.5 kW et al. AC-3 / at 260 V / rated value 7.5 kW et al. AC-3 / at 260 V / rated value 7.5 kW et al. AC-3 / at 260 V / rated value 7.5 kW et al. AC-3 / at 260 V / rated value 9.5 kW et al. AC-3 / at 260 V / rated value 9.5 kW et al. AC-3 / at 260 V / rated value 9.5 kW et al. AC-3 / at 260 V / rated value 9.5 kW et al. AC-3 / at 260 V / rated value 9.5 kW et al. AC-3 / at 260 V / rated value 9.5 kW et al. AC-3 / rated value 9.5 kW et a		3.5 kA
maximum permissible	maximum	
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-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 • 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 Azwillary circuit number of CO contacts / for auxillary contacts number of NC contacts / for auxillary contacts number of NC contacts / for auxillary contacts number of NC contacts / for auxillary contacts 1 number of NC contacts / for auxillary contacts 1 number of NC contacts / for auxillary contacts 1 number of NC contacts / for auxillary contacts 1 number of NC contacts / for auxillary contacts 1 number of NC contacts / for auxillary contacts 1 number of NC contacts / for auxillary contacts 1 number of NC contacts / for auxillary contacts 1 number of NC contacts / for auxillary contacts 1 number of NC contacts / for auxillary contacts 1 number of NC contacts / for auxillary contacts 1 number of NC contacts / for auxillary contacts 1 number of NC contacts / for auxillary contacts / at AC / maximum 5 suitability for use • main switch • switch disconnector • EMERGENCY OFF switch • switch disconnector • EMERGENCY OFF switch • switch disconnector • EMERGENCY OFF switch • product function / can be locked into OFF position • safety switch • product function / can be locked into OFF position • product function / can be locked into OFF position • an auximal function / can be locked into OFF position • an auximal function / can be locked into OFF position • an auximal function / can be locked into OFF position • voltage triger • No Short circuit conditional short-directit current / with line-side fuse product extension / optional • not of the auximal function / with line-side fuse product extension / optio		3.5 kA
* ai AC-23 A / at 400 V / rated value	Main circuit	
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 690 V / rated value 9.5 kW at AC-3 / at 260 V / rated value 4 kW at AC-3 / at 200 V / rated value 7.5 kW at AC-3 / at 200 V / rated value 7.5 kW at AC-3 / at 690 V / rated value 7.5 kW apartional current / rated value 9.5 kW at AC-3 / at 690 V / rated value 7.5 kW poperational current / rated value 9.5 kW at AC-3 / at 690 V / rated value 9.5 kW at AC-3 / at 690 V / rated value 9.5 kW at AC-3 / at 690 V / rated value 9.5 kW 9.5	operating power	
at AC-23 A / at 440 V / rated value at AC-23 A / at 590 V / rated value at AC-3 A / at 690 V / rated value 4 X W at AC-3 / at 400 V / rated value 7.5 kW et AC-3 / at 400 V / rated value 7.5 kW operational current / rated value 25 A Auxiliary circuit number of CO contacts / for auxiliary contacts 0 number of NC contacts / for auxiliary contacts 1 number of NO contacts / for auxiliary contacts 1 number of NO contacts / for auxiliary contacts 1 number of NO contacts / for auxiliary contacts 1 number of NO contacts / for auxiliary contacts 1 number of NO contacts / for auxiliary contacts 1 number of NO contacts / for auxiliary contact 1 number of NO contacts / for auxiliary contact 1 number of NO contacts / for auxiliary contact 1 number of NO contacts / for auxiliary contact 1 number of NO contacts / for auxiliary contact 1 number of NO contacts / for auxiliary contact 1 number of NO contacts / for auxiliary contact 2 number of NO contacts / for auxiliary contact 2 number of NO contacts / for auxiliary contact 2 number of NO contacts / for auxiliary contact 2 number of NO contacts / for auxiliary contact 2 number of NO contacts / for auxiliary contact 2 number of NO contacts / for suxiliary contact 2 number of NO contacts / for auxiliary contact 2 number of NO contacts / for auxiliary contact 2 number of NO contacts / for auxiliary contact 2 number of NO contacts / for auxiliary contact 2 number of NO contacts / for auxiliary contacts 2 number of NO contacts / for number of NO contacts 2 number of NO contacts / for number of NO contacts 2 number of NO contacts / for number of NO contacts 2 number of NO contacts / for number of	at AC-23 A / at 240 V / rated value	5 kW
at AC-23 A / at 690 V / rated value at AC-3 / at 240 V / rated value At AC-3 / at 490 V / rated value At AC-3 / at 490 V / rated value At AC-3 / at 490 V / rated value At AC-3 / at 490 V / rated value Active peraltional current / rated value Active profit	 at AC-23 A / at 400 V / rated value 	9.5 kW
at AC-3 / at 240 V / rated value at AC-3 / at 490 V / rated value 7.5 kW at AC-3 / at 490 V / rated value 7.5 kW operational current / rated value 25 A Auxiliary circuit number of CO contacts / for auxiliary contacts 0 number of NC contacts / for auxiliary contacts 1 number of NO contacts / for auxiliary contacts 1 number of NO contacts / for auxiliary contacts 1 number of NO contacts / for auxiliary contacts 1 number of NO contacts / for auxiliary contacts 1 number of NO contacts / for auxiliary contacts 1 number of NO contacts / for auxiliary contacts 1 number of NO contacts / for auxiliary contacts 1 number of NO contacts / for auxiliary contacts 1 number of NO contacts / for auxiliary contact 1 number of NO contacts / for auxiliary contacts 1 number of NO contacts / for auxiliary contacts 1 number of NO contacts / for auxiliary contacts 1 number of the auxiliary switch / rated value 10 A insulation voltage / of the auxiliary contact / rated value 10 A suitability suitabi	 at AC-23 A / at 440 V / rated value 	9.5 kW
at AC-3 / at 400 V / rated value at AC-3 / at 690 V / rated value 25 A Auxillary circuit number of CO contacts / for auxiliary contacts 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 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 contact 1 number of NC contacts / for auxiliary contact 1 number of NC contacts / for auxiliary contact 1 number of NC contacts / for auxiliary contact 1 number of NC contacts / for auxiliary contact 1 number of NC contacts / for auxiliary contact 2 number of NC contacts / for auxiliary contact 2 number of NC contacts / for auxiliary contact 2 number of NC contacts / for auxiliary contact 2 number of NC contacts / for auxiliary contact 2 number of NC contacts / for auxiliary contact 2 number of NC contacts / for auxiliary contact 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 3 number of NC contacts 4 number of NC contacts 5 number of NC contacts 5 number of NC contacts 5 nu	 at AC-23 A / at 690 V / rated value 	9.5 kW
• at AC-3 / at 690 V / rated value operational current / rated value Auxiliary circuit number of CO 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 1 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 for use • main switch • switch disconnector • EMERGENCY OFF switch • safety switch • safety switch • safety switch • maintenance/repair switch Appearance color / of the autualing element black Product datails • product function / 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 active power [np] / at AC / at 50/60 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 active power [np] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value	at AC-3 / at 240 V / rated value	4 kW
operational current / rated value 25 A Auxiliary circuit number of CO 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 contact / rated value insulation voltage / of the auxiliary switch / rated value 500 V Suitability Suitability for use • main switch • switch disconnector • EMERGENCY OFF switch • switch disconnector • EMERGENCY OFF switch • maintenance/repair switch Appearance color / of the actuating element Product details • product function / 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 • motor drive • 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 50/60 Hz / according to UL 50/8/UL 60947-4-1 / rated value active power (hp) / at AC / at 480 V / according to UL 50/8/UL 60947-4-1 / rated value active power (hp) / at AC / at 480 V / according to UL 50/8/UL 60947-4-1 / rated value active power (hp) / at AC / at 480 V / according to UL 50/8/UL 60947-4-1 / rated value active power (hp) / at AC / at 480 V / according to UL 50/8/UL 60947-4-1 / rated value active power (hp) / at AC / at 480 V / according to UL 50/8/UL 60947-4-1 / rated value active power (hp) / at AC / at 480 V / according to UL 50/8/UL 60947-4-1 / rated value active power (hp) / at AC / at 480 V / according to UL 50/8/UL 60947-4-1 / rated value active power (hp) / at AC / at 480 V / according to UL 50/8/UL 60947-4-1 / rated value active power (hp) / at AC / at 480 V / according to UL 50/8/UL 60947-4-1 / rated value	at AC-3 / at 400 V / rated value	7.5 kW
Auxiliary circuit number of CO contacts / for auxiliary contacts number of NO contacts / for auxiliary contacts 1 number of NO contacts / for auxiliary contacts 1 operating 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 insulation voltage / of the auxiliary switch / rated value insulation voltage / of the auxiliary switch / rated value insulation voltage / of the auxiliary switch / rated value insulation voltage / of the auxiliary switch / rated value insulation voltage / of the auxiliary switch / rated value insulation voltage / of the auxiliary switch / rated value insulation voltage / of the auxiliary switch / rated value insulation voltage / of the auxiliary switch / rated value insulation voltage / of the auxiliary switch / rated value insulation voltage / of the sacket locks / maximum / ves insulation voltage / of the bracket locks / maximum / of the office of the bracket locks / maximum / office of the bracket locks / maximum / office of the bracket locks / maximum / office off	• at AC-3 / at 690 V / rated value	7.5 kW
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 soutability suitability suitability for use • main switch • switch disconnector Yes • EMERGENCY OFF switch No • safety switch Yes • maintenance/repair switch Yes • maintenance/repair switch Yes Appearanco color / of the actuating element black Product details • product function / can be locked into OFF position number of bracket locks / maximum 4 mm hasp thickness / of the bracket locks / minimum 4 mm hasp thickness / of the bracket locks / maximum 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 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	operational current / rated value	25 A
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 soutability suitability suitability for use • main switch • switch disconnector Yes • EMERGENCY OFF switch No • safety switch Yes • maintenance/repair switch Yes • maintenance/repair switch Yes Appearanco color / of the actuating element black Product details • product function / can be locked into OFF position number of bracket locks / maximum 4 mm hasp thickness / of the bracket locks / minimum 4 mm hasp thickness / of the bracket locks / maximum 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 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	Auxiliary circuit	
number of NO contacts / for auxiliary contacts 1 operating voitage / of auxiliary contacts / at AC / maximum continuous current / of the auxiliary contacts / at AC / avalue insulation voitage / of the auxiliary switch / rated value 500 V Suitability suitability for use	number of CO contacts / for auxiliary contacts	0
operating voltage / of auxiliary contacts / at AC / maximum continuous current / of the auxiliary contact / rated value insulation voltage / of the auxiliary switch / rated value 500 V Suitability suitability for use • main switch • switch disconnector • EMERGENCY OFF switch • safety switch • safety switch • maintenance/repair switch • maintenance/repair switch Product details • product function / can be locked into OFF position number of bracket locks / maximum 1 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 600 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	number of NC contacts / for auxiliary contacts	1
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 • safety switch • maintenance/repair switch Yes **Pes • maintenance/repair switch **Pes • maintenance/repair switch **Product details • product function / can be locked into OFF position number of bracket locks / maximum **nasp 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* 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 to UL 508/UL 60947-4-1 / rated value short-time withstand current (SCCR) / at 600 V / according to UL 508/UL 60947-4-1 / rated value short-time withstand current (SCCR) / at 600 V / according 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	number of NO contacts / for auxiliary contacts	1
insulation voltage / of the auxiliary switch / rated value Suitability suitability for use • main switch • switch disconnector • EMERGENCY OFF switch • safety switch • maintenance/repair switch Product details • product function / can be locked into OFF position number of bracket locks / maximum hasp thickness / of the bracket locks / minimum hasp thickness / of the bracket locks / minimum hasp thickness / of the bracket locks / maximum • 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 450/60 Hz / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 430 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value short-time withstand current (SCCR) / at 600 V / according to UL 508/UL 60947-4-1 / rated value		500 V
Insulation voltage / of the auxiliary switch / rated value Suitability suitability for use • main switch • switch disconnector • EMERGENCY OFF switch • safety switch • maintenance/repair switch Product details • product function / can be locked into OFF position number of bracket locks / maximum hasp thickness / of the bracket locks / minimum hasp thickness / of the bracket locks / minimum hasp thickness / of the bracket locks / maximum hasp thickness / of the bracket locks / maximum • 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 480 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 60 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 60 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 60 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 60 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 60 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 60 V / according to UL 508/UL 60947-4-1 / rated value		10 A
Suitability suitability for use • main switch • switch disconnector • EMERGENCY OFF switch • safety switch • maintenance/repair switch • safety switch • maintenance/repair switch • maintenance/repair switch Product details • product function / 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 / a coording 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 600 V / according to UL 508/UL 60947-4-1 / rated value short-time withstand current (SCCR) / at 600 V / according to UL 508/UL 60947-4-1 / rated value	·	500 V
suitability for use • main switch • switch disconnector • EMERGENCY OFF switch • safety switch • maintenance/repair switch • maintenance/repair switch Product details • product function / 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 480 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 1600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 1600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value short-time withstand current (SCCR) / at 600 V / according to UL 508/UL 60947-4-1 / rated value	Suitability	
main switch switch disconnector EMERGENCY OFF switch safety switch safety switch maintenance/repair switch Yes Appearance color / of the actuating element Product details **product duction / 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 hasp thickness / of the bracket locks / maximum product extension / optional **emotive** **potage trigger** No Short circuit conditional short-circuit current / with line-side fuse protection **a t690 V / by gG fuse / rated value operational current / at AC / according to UL 508/UL 60947-4-1 / rated value operating voltage / at AC / at 480 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 480 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 480 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 480 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value short-time withstand current (SCCR) / at 600 V / according to UL 508/UL 60947-4-1 / rated value short-time withstand current (SCCR) / at 600 V / according to UL short-time withstand current (SCCR) / at 600 V / according to UL short-time withstand current (SCCR) / at 600 V / according to UL		
EMERGENCY OFF switch safety switch mintenance/repair switch Product details product details product function / 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 moroduct 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 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	•	Yes
EMERGENCY OFF switch safety switch mintenance/repair switch Product details product details product function / 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 moroduct 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 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 Product details	EMERGENCY OFF switch	No
Appearance color / of the actuating element Product details • product function / can be locked into OFF position number of bracket locks / maximum hasp thickness / of the bracket locks / minimum hasp thickness / of the bracket locks / maximum product extension / optional • motor drive • voltage trigger Short circuit conditional short-circuit current / with line-side fuse protection • at 690 V / by gG fuse / rated value according UL operational current / at AC / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 480 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value short-time withstand current (SCCR) / at 600 V / according 5 kA	safety switch	Yes
Appearance color / of the actuating element Product details • product function / can be locked into OFF position number of bracket locks / maximum hasp thickness / of the bracket locks / minimum hasp thickness / of the bracket locks / maximum product extension / optional • motor drive • voltage trigger Short circuit conditional short-circuit current / with line-side fuse protection • at 690 V / by gG fuse / rated value according UL operational current / at AC / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 480 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value short-time withstand current (SCCR) / at 600 V / according 5 kA	maintenance/repair switch	Yes
Product details • product function / 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 operational current / at AC / according to UL 508/UL operational current / at AC / at 50/60 Hz / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 480 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value short-time withstand current (SCCR) / at 600 V / according short-time withstand current (SCCR) / at 600 V / according short-time withstand current (SCCR) / at 600 V / according short-time withstand current (SCCR) / at 600 V / according short-time withstand current (SCCR) / at 600 V / according		
Product details • product function / 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 operational current / at AC / according to UL 508/UL operational current / at AC / at 50/60 Hz / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 480 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value short-time withstand current (SCCR) / at 600 V / according short-time withstand current (SCCR) / at 600 V / according short-time withstand current (SCCR) / at 600 V / according short-time withstand current (SCCR) / at 600 V / according short-time withstand current (SCCR) / at 600 V / according	color / of the actuating element	black
product function / 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 hasp thickness / of the bracket locks / maximum hasp thickness / of the bracket locks / maximum word drive wold drive voltage trigger No Short circuit conditional short-circuit current / with line-side fuse protection at 690 V / by gG fuse / rated value short-drive 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 short-time withstand current (SCCR) / at 600 V / according 5 kA		
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 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 short-time withstand current (SCCR) / at 600 V / according 5 kA		Vac
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		Yes
hasp thickness / of the bracket locks / maximum product extension / optional • motor drive • voltage trigger No Short circuit conditional short-circuit current / with line-side fuse protection • at 690 V / by gG fuse / rated value 50 kA according UL operational current / at AC / according to UL 508/UL 60947-4-1 / rated value operating voltage / at AC / at 50/60 Hz / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 480 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value short-time withstand current (SCCR) / at 600 V / according 5 kA		2
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 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	hasp thickness / of the bracket locks / minimum	4 mm
 voltage trigger Short circuit conditional short-circuit current / with line-side fuse protection at 690 V / by gG fuse / rated value 50 kA according UL operational current / at AC / according to UL 508/UL 60947-4-1 / rated value operating voltage / at AC / at 50/60 Hz / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 480 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value short-time withstand current (SCCR) / at 600 V / according 5 kA 	hasp thickness / of the bracket locks / minimum hasp thickness / of the bracket locks / maximum	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	hasp thickness / of the bracket locks / minimum hasp thickness / of the bracket locks / maximum product extension / optional	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	hasp thickness / of the bracket locks / minimum hasp thickness / of the bracket locks / maximum product extension / optional • motor drive	4 mm 8 mm No
protection	hasp thickness / of the bracket locks / minimum hasp thickness / of the bracket locks / maximum product extension / optional	4 mm 8 mm No
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 short-time withstand current (SCCR) / at 600 V / according 5 kA	hasp thickness / of the bracket locks / minimum hasp thickness / of the bracket locks / maximum product extension / optional	4 mm 8 mm No
operational current / at AC / according to UL 508/UL 60947-4-1 / rated value operating voltage / at AC / at 50/60 Hz / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 480 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value short-time withstand current (SCCR) / at 600 V / according 5 kA	hasp thickness / of the bracket locks / minimum hasp thickness / of the bracket locks / maximum product extension / optional	4 mm 8 mm No
operational current / at AC / according to UL 508/UL 60947-4-1 / rated value operating voltage / at AC / at 50/60 Hz / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 480 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value short-time withstand current (SCCR) / at 600 V / according 5 kA	hasp thickness / of the bracket locks / minimum hasp thickness / of the bracket locks / maximum product extension / optional	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 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	hasp thickness / of the bracket locks / minimum hasp thickness / of the bracket locks / maximum product extension / optional	4 mm 8 mm No No
solative 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	hasp thickness / of the bracket locks / minimum hasp thickness / of the bracket locks / maximum product extension / optional	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	hasp thickness / of the bracket locks / minimum hasp thickness / of the bracket locks / maximum product extension / optional	4 mm 8 mm No No No 25 A
508/UL 60947-4-1 / rated value short-time withstand current (SCCR) / at 600 V / according 5 kA	hasp thickness / of the bracket locks / minimum hasp thickness / of the bracket locks / maximum product extension / optional	4 mm 8 mm No No No 25 A 600 V
	hasp thickness / of the bracket locks / minimum hasp thickness / of the bracket locks / maximum product extension / optional	4 mm 8 mm No No No 25 A 600 V
	hasp thickness / of the bracket locks / minimum hasp thickness / of the bracket locks / maximum product extension / optional	4 mm 8 mm No No No 50 kA 25 A 600 V 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	2					
number of connectable NO contacts / for auxiliary contacts / attachable / maximum	3					
number of connectable CO contacts / for auxiliary contacts / attachable / maximum	0					
Connections						
AWG number / as coded connectable conductor cross section / solid						
• maximum	8					
• minimum	14					
type of connectable conductor cross-sections / for copper conductor						
• solid	1x (1,	516mm²)				
 finely stranded / with core end processing 		1x (1,510mm²)				
stranded	1x (1,	516mm²)				
type of connectable conductor cross-sections / for auxiliary contacts						
• solid	lateral auxiliary switch 2x (0,75 2,5mm²), 1x 4mm²; front auxiliary					
• finely stranded / with core end processing	switch 1x (0,75 2,5mm²) lateral auxiliary switch 2x (0,75 1,5mm²), 1x 2,5mm²; front auxiliary switch 1x 2,5mm²					
• stranded	lateral auxiliary switch 2x (0,75 2,5mm²), 1x 4mm²; front auxiliary switch 1x (0,75 2,5mm²)					
type of electrical connection		,				
for main current circuit	box terminal					
 for auxiliary contacts 	connection terminals					
Requirements						
design of the fuse link						
 for short-circuit protection of the main circuit / required 	fuse gL/gG: 25 A					
 for short-circuit protection of the auxiliary switch / required 	fuse gL/gG: 10 A					
Mechanical Design						
height	201 m	ım				
width	146 m	146 mm				
depth	149 mm					
fastening method	Comp	lete unit in enclosure				
fastening method						
4-hole front mounting	No					
front mounting with central attachment	Yes					
• rail mounting	No					
net weight Environmental conditions	894 g					
ambient temperature / during operation	25.96					
minimum maximum	-25 °C 55 °C					
ambient temperature / during storage / minimum	-25 °C					
Certificates	20 (
reference code						
acc. to DIN EN 61346-2	S					
• acc. to IEC 81346-2	SF					
General Product Approval		Declaration of Conformity	Test Certificates	other		









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=3LD2165-5VD51-0AE2

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

https://support.industry.siemens.com/cs/ww/en/ps/3LD2165-5VD51-0AE2

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3LD2165-5VD51-0AE2

Tender specifications

http://www.siemens.com/specifications











