SIEMENS

Data sheet

3LD2766-0TB51-0US2



SENTRON, Switch disconnector 3LD, main switch, 3-pole, lu: 100 A, Operating power / at AC-23 A at 400 V: 37 kW, molded-plastic encapsulation for inch cable gland, 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	3
number of poles / note	N + PE
type of device	fixed mounting
type of switch	Molded-plastic enclosure for inch threaded joint
size of switch disconnector	4
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	64 kA2.s
let-through I2t value / with closed switch / at 440 V / for combination switch + gG fuse / maximum	64 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, 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 	7.5 W
 per conductor / typical 	8 W
Current	
operational current	
 at 40 °C / rated value 	100 A
• at 45 °C / rated value	100 A
• at 50 °C / rated value	100 A

e at AC-23 A / at 400 V rated value e at AC-21 A / at 240 V rated value e at AC-21 A / at 240 V rated value e personal comment of upstream transverse and account of the upstream transverse and account of the upstream transverse and upstream transverse	• at 55 °C / rated value	100 A
e at AC-21 A / at 240 V / rated value operational current / of upstream fuse / rated value let-through current / with closed switch e at 440 V / for combination switch * gG fuse / maximum ot at 560 V / for combination switch * gG fuse / maximum ot at 560 V / for combination switch * gG fuse / maximum ot at 560 V / for combination switch * gG fuse / maximum permissable Waint circuit operating power at AC-23 A / at 240 V / rated value ot AC-23 A / at 240 V / rated value ot AC-23 A / at 440 V / rated value ot AC-23 A / at 440 V / rated value ot AC-23 A / at 440 V / rated value ot AC-23 A / at 400 V / rated value ot AC-23 A / at 400 V / rated value ot AC-23 A / at 400 V / rated value ot AC-23 A / at 400 V / rated value ot AC-23 A / at 400 V / rated value ot AC-23 A / at 600 V / rated value operational current / for auxiliary contacts number of CO contacts / for auxiliary contacts number of NC contacts / for auxiliary contacts operating values of auxiliary contacts on the contacts / for auxiliary contacts operation values of the auxiliary contacts on the contacts / for auxiliary contacts operating values of auxiliary contacts on the contacts / for auxiliary contacts / for		
e at AC-21 A / at 440 V / rated value tet-through content / with closed switch e at 440 V / for combination switch + gG fuse / maximum e at 950 V / for combination switch + gG fuse / maximum e at 950 V / for combination switch + gG fuse / maximum e at 950 V / for combination switch + gG fuse / maximum e at 950 V / for combination switch + gG fuse / maximum e at 950 V / for combination switch + gG fuse / maximum e at 950 V / for combination switch + gG fuse / maximum e at 40 C-23 A / at 240 V / rated value e at AC-23 A / at 400 V / rated value e at AC-23 A / at 400 V / rated value e at AC-32 A / at 400 V / rated value e at AC-3 / at 400 V / rated value e at AC-3 / at 400 V / rated value e at AC-3 / at 400 V / rated value e at AC-3 / at 400 V / rated value e at AC-3 / at 400 V / rated value e at AC-3 / at 400 V / rated value e at AC-3 / at 400 V / rated value e at AC-3 / at 400 V / rated value e at AC-3 / at 800 V / rated value e at AC-3 / rated V / rated		
International current / of upstream fuse / rated value 100 A International current / with closed switch + gG fuse / maximum 100 A International current / with closed switch + gG fuse / maximum 100 A International current / with closed switch + gG fuse / maximum 100 A International current / with closed switch + gG fuse / maximum 100 A International current / with closed switch + gG fuse / maximum 100 A International current / with closed switch + gG fuse / maximum 100 A International current / with closed switch + gG fuse / with control of with current / with closed switch + gG fuse / with closed switch 100 A International current / with closed switch + gG fuse / with closed switch 100 A International current / with closed switch + gG fuse / with closed switch 100 A International current / with closed switch + gG fuse / with closed switch 100 A International current / with closed switch + gG fuse / with closed switch 100 A International current / with closed switch wit		
let-through current / with closed switch		
at 440 V / for combination switch + gG fuse / maximum at 690 V / for combination switch + gG fuse / maximum permissible Main creuit 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 at AC-29 A / at 440 V / rated value at AC-29 A / at 440 V / rated value at AC-29 A / at 440 V / rated value at AC-31 A / at 240 V / rated value at AC-31 A / at 400 V / rated value at AC-31 A / at 400 V / rated value at AC-31 A / at 500 V / rated value at AC-31 A / at 500 V / rated value poperational current / rated value coperational current / rated value operational current / rated value operating value active parting value operating value active parting value operating	·	100 A
maximum entitles and the second secon	let-through current / with closed switch	
maximum permissible Main circuit Operating power at AC-23 A / at 440 V / rated value at AC-23 A / at 440 V / rated value 37 kW at AC-23 A / at 440 V / rated value 37 kW at AC-23 A / at 440 V / rated value 38 kW at AC-32 A / at 40 V / rated value 39 kW at AC-32 A / at 40 V / rated value 18.5 kW at AC-3 / at 280 V / rated value 19.5 kW at AC-3 / at 280 V / rated value 22 kW operational current / rated value 22 kW operational current / rated value 23 kW autility grequet number of CO contacts / for auxiliary contacts 0 current of CO contacts / for auxiliary contacts 0 current of CO contacts / for auxiliary contacts 0 current of NO contacts 0	maximum	10 kA
operating power		10 kA
* at AC-23 A / at 240 V / rated value	Main circuit	
at AC-23 A / at 400 V / rated value	operating power	
* at AC-23 A / at 440 V / rated value	at AC-23 A / at 240 V / rated value	18.5 kW
at AC-23 A / at 690 V / rated value at AC-3 / at 240 V / rated value 30 kW at AC-3 / at 390 V / rated value 30 kW at AC-3 / at 390 V / rated value 22 kW operational current / rated value 100 A Auxiliary circuit number of CO contacts / for auxiliary contacts number of NC contacts / for auxiliary contact / rated value operating voltage / of auxiliary contact / rated value suitability suitability for use nain switch yes nain switch yes e main switch safety switch safety switch naintenance/repair switch Appearance color / of the actuating element Product details product feature e can be locked into OFF position number of bracket locks / maximum apas thickness / of the bracket locks / minimum nasp thickness / of the bracket locks / maximum nasp thickness / of the bracket locks / maximum nasp thickness / of the bracket locks / maximum nasp thickness / of the bracket locks / maximum nasp thickness / of the bracket locks / maximum nasp thickness / of the bracket locks / maximum nasp thickness / of the bracket locks / maximum nasp thickness / of the bracket locks / maximum nasp thickness / of the bracket locks / maximum nasp thickness / of the bracket locks / maximum nasp thickness / of the bracket locks / maximum nasp thickness / of the bracket locks / maximum nasp thickness / of the bracket locks / maximum nasp thickness / of the bracket locks / maximum nasp thickness / of the bracket locks / maximum nasp thickness / of the bracket locks / maximum nasp thickness / of the bracket locks / maximum nasp thickness / of the bracket locks / maximum nasp thickness / of the bracket locks / maximum nasp	at AC-23 A / at 400 V / rated value	37 kW
at AC-3 / at 240 V / rated value at AC-3 / at 369 V / rated value 22 kW operational current / rated value 100 A Auxiliary circuit number of CO contacts / for auxiliary contacts 0 number of NC contacts / for auxiliary contacts 0 operating voltage / of the auxiliary contacts 0 operating voltage / of the auxiliary contact / at AC / maximum continuous current / of the auxiliary switch / rated value Sintability suitability suitability for use • main switch • switch disconnector • switch disconnector • EMERGENCY OFF switch • safety switch • safety 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 / maximum hasp thickness / of the bracket locks / maximum hasp thickness / of the bracket locks / maximum hasp thickness / of the bracket locks / maximum hasp thickness / of the bracket locks / maximum hasp thickness / of the bracket locks / maximum hasp thickness / of the bracket locks / maximum on the product details product details product details product details product details South County South South	at AC-23 A / at 440 V / rated value	37 kW
at AC-3 / at 400 V / rated value 22 kW operational current / rated value 100 A Auxiliary circuit: number of CO contacts / for auxiliary contacts 0 number of NC contacts / for auxiliary contacts 0 number of NC contacts / for auxiliary contacts 0 number of NC contacts / for auxiliary contacts 0 number of NC contacts / for auxiliary contacts 1 number of NC contacts / for auxiliary contacts 0 number of NC contacts / for auxiliary contacts 1 number of NC contacts / for auxiliary contacts 0 number of NC contacts / for auxiliary contact / at AC / maximum 500 V number of NC contacts / for auxiliary contact / rated value 10 A number of NC contacts / for auxiliary contact / rated value 500 V suitability or use	at AC-23 A / at 690 V / rated value	30 kW
• at AC-3 / at 690 V / rated value operational current / rated value Auxillary circuit number of CO contacts / for auxillary contacts number of NC contacts / for auxillary contacts operating voltage / of auxillary contacts operating voltage / of auxillary contacts operating voltage / of auxillary contacts / at AC / maximum continuous current / of the auxiliary contact / rated value insulation voltage / of the auxiliary switch / rated value suitability suitab	at AC-3 / at 240 V / rated value	18.5 kW
operational current / rated value 100 A Auxiliary circuit number of CO contacts / for auxiliary contacts number of NC contacts / for auxiliary contacts 0 number of NO contacts / for auxiliary contacts 0 number of NO contacts / for auxiliary contacts 0 operating voltage / of auxiliary contacts / at AC / maximum 500 V continuous current / of the auxiliary contact / rated value 10 A insulation voltage / of auxiliary switch / rated value 500 V Suitability Suitability Suitability for use • main switch • switch disconnector • EMERGENCY OFF switch • switch disconnector • EMERGENCY OFF switch • maintenance/repair switch Pres Appearance color / of the actuating element Product detaits product detaits product detaits product detaits product desture • can be locked into OFF position 1 Assp thickness / of the bracket locks / maximum 1 Assp thickness / of the bracket locks / maximum 1 Assp thickness / of the bracket locks / maximum 1 • motor drive • voltage trigger No Short circuit conditional short-circuit current / with line-side fuse protection • at 690 V / by g Guse / rated value according UL operational current / at AC / according to UL 508/UL 60947-4-1 / rated value active power [Inp] / at AC / at 50/60 Hz / according to UL 508/UL 60947-4-1 / rated value active power [Inp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [Inp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [Inp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [Inp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [Inp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value	at AC-3 / at 400 V / rated value	30 kW
Auxillary circuit number of CO contacts / for auxillary contacts number of NO contacts / for auxillary contacts number of NO contacts / for auxillary contacts operating voltage / of auxillary contacts / at AC / maximum continuous current / of the auxillary contact / rated value insulation voltage / of the auxillary switch / rated value 500 V Suitability suitability for use • main switch • switch disconnector • switch disconnector • switch disconnector • safety switch • safety switch • safety switch • safety switch • maintenance/repair switch Appearance color / of the actuating element black Product details product feature • oan be locked into OFF position number of bracket locks / maximum hasp thickness / of the bracket locks / minimum • masp 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 g Guse / rated value operating voltage / at AC / at 50/60 Hz / according to UL 508/UL 60947-4-1 / rated value active power [Inp] / at AC / at 180 V / according to UL 508/UL 60947-4-1 / rated value active power [Inp] / at AC / at 180 V / according to UL 508/UL 60947-4-1 / rated value active power [Inp] / at AC / at 180 V / according to UL 508/UL 60947-4-1 / rated value active power [Inp] / at AC / at 180 V / according to UL 508/UL 60947-4-1 / rated value active power [Inp] / at AC / at 180 V / according to UL 508/UL 60947-4-1 / rated value active power [Inp] / at AC / at 180 V / according to UL 508/UL 60947-4-1 / rated value active power [Inp] / at AC / at 180 V / according to UL 508/UL 60947-4-1 / rated value active power [Inp] / at AC / at 180 V / according to UL 508/UL 60947-4-1 / rated value	at AC-3 / at 690 V / rated value	22 kW
number of CO contacts / for auxiliary contacts 0 number of NC contacts / for auxiliary contacts 0 number of NC contacts / for auxiliary contacts 0 operating voltage / of auxiliary contacts / at AC / maximum 500 V contacts / for auxiliary contacts / at AC / maximum 500 V continuous current / of the auxiliary contact / rated value 10 A insulation voltage / of the auxiliary switch / rated value 500 V suitability suitability for use • main switch	operational current / rated value	100 A
number of NC contacts / for auxiliary contacts 0 number of NC contacts / for auxiliary contacts 0 operating voltage / of auxiliary contacts / at AC / maximum 500 V continuous current / of the auxiliary contact / rated value 10 A insulation voltage / of auxiliary switch / rated value 500 V Suitability for use	Auxiliary circuit	
number of NC contacts / for auxiliary contacts number of NC contacts / for auxiliary contacts operating voltage / of auxiliary contacts operating voltage / of auxiliary contact / rated value continuous current / of the auxiliary contact / rated value insulation voltage / of the auxiliary switch / rated value **Suttability for use **main switch **which disconnector **emain switch **emain swit	number of CO contacts / for auxiliary contacts	0
number of NO 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 contact / rated value Soutability suitability s		
operating voltage / of auxiliary contacts / at AC / maximum continuous current / of the auxiliary contact / rated value insulation voltage / of the auxiliary switch / rated value Suttability suitability 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 • respectively a switch • product details product feature • can be locked into OFF position number of bracket locks / maximum 1 a hasp thickness / of the bracket locks / maximum product extension / optional • motor drive • voltage trigger Short circuit conditional short-circuit current / with line-side fuse protection • at 690 V / by gG fuse / rated value operating voltage / at AC / at 50/60 Hz / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 480 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 460 0 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
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 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 • an top duct extension / optional • motor drive • voltage trigger Short circuit conditional short-circuit current / with line-side fuse protection • at 690 V / by gG fuse / rated value operating voltage / at AC / at 50/60 Hz / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 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		
insulation voltage / of the auxiliary switch / rated value Suitability 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 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 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 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		10 A
Suitability suitability for use • main switch • switch disconnector • EMERGENCY OFF switch • safety switch • safety switch • safety 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 / 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		
• main switch • main switch • switch disconnector • EMERGENCY OFF switch • safety switch • safety switch • maintenance/repair switch Product details product details product feature • can be locked into OFF position number of bracket locks / maximum hasp thickness / of the bracket locks / minimum hasp thickness / of the bracket locks / maximum hasp thickness / of the bracket locks / maximum semple of the details 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 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		
 main switch switch disconnector EMERGENCY OFF switch safety switch reafety switch maintenance/repair switch res maintenance/repair switch res maintenance/repair switch res maintenance/repair switch res product details product details product feature can be locked into OFF position res number of bracket locks / maximum hasp thickness / of the bracket locks / minimum hasp thickness / of the bracket locks / maximum 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 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 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 		
switch disconnector EMERGENCY OFF switch safety switch safety switch maintenance/repair switch Product details product details product feature can be locked into OFF position number of bracket locks / maximum hasp thickness / of the bracket locks / minimum hasp thickness / of the bracket locks / maximum hasp thickness / of the bracket locks / maximum product extension / optional		Yes
• EMERGENCY OFF switch • safety switch • safety switch • maintenance/repair switch Appearance color / of the actuating element Product details product feature • can be locked into OFF position number of bracket locks / maximum 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 1400 V / according to UL 508/UL 60947-4-1 / rated value 75 808/UL 60947-4-1 / rated value		
safety 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 hasp thickness / of the bracket locks / maximum shasp thickness / of the bracket locks / maximum product extension / optional		
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 number of bracket locks / maximum 3 hasp thickness / of the bracket locks / minimum hasp thickness / of the bracket locks / maximum product extension / optional • motor drive No • 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 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	•	
color / of the actuating element Product details product feature • can be locked into OFF position number of bracket locks / maximum hasp thickness / of the bracket locks / minimum hasp thickness / of the bracket locks / maximum product extension / optional • motor drive • voltage trigger No 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 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 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	·	
Product details product feature		black
product feature • can be locked into OFF position number of bracket locks / maximum hasp thickness / of the bracket locks / minimum hasp thickness / of the bracket locks / maximum product extension / optional • motor drive • voltage trigger No 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		black
• 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 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 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 secording 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	•	V
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 active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value		
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 servational current / at AC / according to UL 508/UL operational current / at AC / at 50/60 Hz / according to 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 active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value		
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 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 75	<u> </u>	8 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		N.
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		
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		NO .
protection		
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 75 508/UL 60947-4-1 / rated value		
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 75 508/UL 60947-4-1 / rated value	at 690 V / by gG fuse / rated value	50 kA
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 75 508/UL 60947-4-1 / rated value	according UL	
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 75 75		100 A
508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value 75		600 V
508/UL 60947-4-1 / rated value		60
short-time withstand current (SCCR) / at 600 V / according 10 kA	active newer [ha] / at AC / at 600 \/ / according to LII	
		75

to UL 508/UL 60947-4-1	000 A
continuous current / of upstream fuse / according to UL / rated value	200 A
type of fuse / according to UL	RK5
Number	
number of connectable NC contacts / for auxiliary contacts / attachable / maximum	3
number of connectable NO contacts / for auxiliary contacts / attachable / maximum	5
number of connectable CO contacts / for auxiliary contacts / attachable / maximum	0
Connections	
AWG number / as coded connectable conductor cross section / solid	
• maximum	1
• minimum	12
type of connectable conductor cross-sections / for copper conductor	
• solid	1x (450mm²)
 finely stranded / with core end processing 	1x (435mm²)
• stranded	1x (450mm²)
type of connectable conductor cross-sections / for auxiliary contacts	
• solid	lateral auxiliary switch 2x (0,75 2,5mm²), 1x 4mm²; front auxiliary switch 1x (0,75 2,5mm²)
• finely stranded / with core end processing	lateral auxiliary switch 2x (0,75 1,5mm²), 1x 2,5mm²; front auxiliary switch 1x 2,5mm²
• stranded	lateral auxiliary switch 2x (0,75 2,5mm²), 1x 4mm²; front auxiliary switch 1x (0,75 2,5mm²)
type of electrical connection	
for main current circuit	box terminal
 for auxiliary contacts 	connection terminals
Requirements	
design of the fuse link	
 for short-circuit protection of the main circuit / required 	fuse gL/gG: 100 A
 for short-circuit protection of the auxiliary switch / required 	fuse gL/gG: 10 A
Mechanical Design	
height	302 mm
width	212 mm
depth	181 mm
fastening method	Complete unit in enclosure
fastening method	
 4-hole front mounting 	No
 front mounting with central attachment 	Yes
rail mounting	No
net weight	1 906 g
Environmental conditions	
ambient temperature / during operation	
ambient temperature / during operation • minimum	-25 °C
	-25 °C 55 °C
• minimum	





Confirmation





Miscellaneous

General Product Declaration of Conformity Test Certificates Marine / Shipping







Miscellaneous

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=3LD2766-0TB51-0US2

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

https://support.industry.siemens.com/cs/ww/en/ps/3LD2766-0TB51-0US2

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3LD2766-0TB51-0US2

CAx-Online-Generator

http://www.siemens.com/cax

Tender specifications

http://www.siemens.com/specifications

