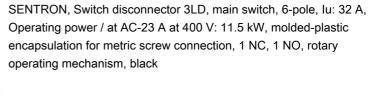
Data sheet





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	9 kA2.s
let-through I2t value / with closed switch / at 440 V /	9 kA2.s
for combination switch + gG fuse / maximum	
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	32 A
operating voltage	
• at AC / at 50/60 Hz / rated value	690 V
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 	1.8 W
• per conductor / typical	1.8 W
Current	
operational current	
• at AC-23 A / at 690 V / rated value	13 A
• at AC-23 A / at 400 V / rated value	22 A
• at AC-22 A / at 690 V / rated value	32 A
• at AC-21 / at 690 V / rated value	32 A
• at AC-21 A / at 240 V / rated value	32 A
• at AC-21 A / at 440 V / rated value	32 A
• at AC-22 A / at 240 V / rated value	32 A
● at AC-22 A / at 440 V / rated value	32 A
• at AC-23 A / at 240 V / rated value	22 A
• at AC-23 A / at 440 V / rated value	
	22 A
operational current / of upstream fuse / rated value	
operational current / of upstream fuse / rated value let-through current / with closed switch	22 A 40 A
<u> </u>	
let-through current / with closed switch • at 440 V / for combination switch + gG fuse / maximum • at 690 V / for combination switch + gG fuse /	40 A
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	40 A 4.5 kA
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 short-time withstand current (lcw)	40 A 4.5 kA
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	40 A 4.5 kA 4.5 kA

operating frequency initial value full-scale value 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 400 V / rated value at AC-23 A / at 400 V / rated value at AC-23 A / at 400 V / rated value 11.5 kW at AC-23 A / at 400 V / rated value 11.5 kW at AC-23 A / at 400 V / rated value 11.5 kW at AC-34 A / at 400 V / rated value 11.5 kW at AC-3 / at 240 V / rated value 5.5 kW at AC-3 / at 240 V / rated value 9.5 kW operational current / rated value 9.5 kW operational current / rated value operating voltage / of auxiliary contacts 1 unmber of CO contacts / for auxiliary contacts 1 unmber of NO contacts / for auxiliary contacts 1 unmber of NO contacts / for auxiliary contacts 1 unmber of NO contacts / for auxiliary contacts 1 unmber of NO contacts / for auxiliary contacts 1 unmber of NO contacts / for auxiliary contacts 1 unmber of NO contacts / for auxiliary contacts 1 unmber of NO contacts / for auxiliary contacts 1 unmber of NO contacts / for auxiliary contacts 1 unmber of NO contacts / for auxiliary contacts 1 unmber of NO contacts / for auxiliary contacts 1 unmber of NO contacts / for auxiliary contacts 1 unmber of NO contacts / for auxiliary contacts 1 unmber of NO contacts / for auxiliary contacts 1 unmber of NO contacts / for auxiliary contacts 1 unmber of NO contacts / for auxiliary contacts 1 unmber of NO contacts / for auxiliary contacts 1 unmber of NO contacts / for auxiliary contacts 1 unmber of NO contacts / for unxiliary contacts 1 unmber of NO contacts / for unxiliary contacts 1 unmber of NO contacts / for unxiliary contacts 1 unmber of NO contacts / for unxiliary contacts 1 unmber of NO contacts / for unxiliary contacts 1 unmber of NO contacts / for unxiliary contacts 1 unmber of NO contacts / for unxiliary contacts 1 unmber of NO contacts / for unxiliary contacts 1 unmber of NO contacts / for unxiliary contacts 1 unmber of NO contacts / for unxiliary contacts 1 unmber of NO contacts / for unxiliar	Main circuit	
• full-scale value • full-scale value operating power • at AC-23 A / at 240 V / rated value • at AC-23 A / at 240 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-23 A / at 690 V / rated value • at AC-3 / at 240 V / rated value • at AC-3 / at 240 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 690 V / rated value • at AC-3 / at 690 V / rated value • at AC-3 / at 400 V / rated value • at AC-3 / at 690 V / rated value • at AC-3 / at 690 V / rated value • at AC-3 / at 690 V / rated value • at AC-3 / at 690 V / rated value • at AC-3 / at 690 V / rated value Doperating voltage / for auxiliary contacts 1 unwher of NO contacts / for auxiliary contacts 1 unwher of NO contacts / for auxiliary contacts 1 unwher of NO contacts / for auxiliary contacts 1 unwher of NO contacts / for auxiliary contacts 1 operating voltage / of auxiliary contacts / at AC / south of the auxiliary contact / rated value 2 operating voltage / of the auxiliary contact / rated value 500 V walue Suitability suitability suitability suitability for use • main switch • walue Suitability suitability suitability suitability suitability suitability suitability suitability for use • main switch • safety switch • safety switch • maintenance/repair switch Yes Appearance color / of the actuating element black Product details • product details	operating frequency	
operating power • at AC-23 A / at 240 V / rated value • at AC-23 A / at 400 V / at 5060 Hz / 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 240 V / rated value • at AC-3 / at 240 V / rated value • at AC-3 / at 240 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 690 V / rated value • at AC-3 / at 690 V / rated value • at AC-3 / at 690 V / rated value • at AC-3 / at 690 V / rated value • at AC-3 / at 690 V / rated value operational current / rated value 32 A Auxiliary circuit number of CO contacts / for auxiliary contacts 1 number of NC contacts / fo	● initial value	50 Hz
at AC-23 A / at 240 V / rated value at AC-23 A / at 400 V / at 50/60 Hz / rated value 11.5 kW at AC-23 A / at 400 V / rated value 11.5 kW at AC-23 A / at 400 V / rated value 11.5 kW at AC-23 A / at 400 V / rated value 11.5 kW at AC-3 / at 240 V / rated value 5.5 kW at AC-3 / at 240 V / rated value 5.5 kW at AC-3 / at 400 V / rated value 5.5 kW at AC-3 / at 690 V / rated value 5.5 kW at AC-3 / at 690 V / rated value 5.5 kW poperational current / rated value 5.5 kW at AC-3 / at 690 V / rated value 5.5 kW poperational current / rated value 5.5 kW at AC-3 / at 690 V / rated value 5.5 kW poperational current / rated value 10 A at AC-3 / at 690 V / rated value 11.5 kW 11.5 k	• full-scale value	60 Hz
at AC-23 A / at 400 V / at 50/60 Hz / rated value at AC-23 A / at 400 V / rated value at AC-23 A / at 400 V / rated value 11.5 kW at AC-23 A / at 490 V / rated value 11.5 kW at AC-23 A / at 490 V / rated value 11.5 kW at AC-3 / at 240 V / rated value 5.5 kW at AC-3 / at 240 V / rated value 9.5 kW operational current / rated value 9.5 kW operational current / rated value 12.6 kW operational current / rated value 9.5 kW operational current / rated value 12.6 kW operational current / rated value 13.2 A Auxiliary circuit number of NC contacts / for auxiliary contacts number of NC contacts / for auxiliary contacts 1 continuous current / of the auxiliary contacts 1 continuous current / of the auxiliary contact / rated value insulation voltage / of the auxiliary switch / rated value insulation voltage / of the auxiliary switch / rated value Eultability suitability for use • main switch • switch disconnector • EMERGENCY OFF switch • maintenance/repair switch Yes • maintenance/repair switch Product details • product details • product function / can be locked into OFF position number of bracket locks / maximum 3 hasp thickness / of the bracket locks / minimum 4 mm	operating power	
at AC-23 A / at 400 V / rated value at AC-23 A / at 440 V / rated value at AC-23 A / at 690 V / rated value at AC-3 / at 240 V / rated value at AC-3 / at 240 V / rated value at AC-3 / at 400 V / rated value at AC-3 / at 400 V / rated value at AC-3 / at 690 V / rated value 9.5 kW operational current / rated value 32 A Auxiliary circuit number of CO contacts / for auxiliary contacts number of NC 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 / solve with a continuous current / of the auxiliary contact / rated value continuous current / of the auxiliary switch / rated value insulation voltage / of the auxiliary switch / rated value Suitability suitability suitability for use • main switch • switch disconnector • EMERGENCY OFF switch • maintenance/repair switch No • safety switch • maintenance/repair switch Appearance color / of the actuating element black Product details • product function / can be locked into OFF position number of bracket locks / maximum 3 hasp thickness / of the bracket locks / minimum 4 mm	• at AC-23 A / at 240 V / rated value	6 kW
at AC-23 A / at 440 V / rated value at AC-23 A / at 690 V / rated value at AC-3 / at 240 V / rated value 5.5 kW at AC-3 / at 690 V / rated value 5.5 kW at AC-3 / at 690 V / rated value 9.5 kW operational current / rated value 9.5 kW operational current / rated value 0.5 kW operational current / rated value 0.5 kW Auxiliary circuit number of CO 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 switch / rated value Suitability suitability suitability suitability suitability suitability selement / Yes after y switch safety switch main switch yes Appearance color / of the auxiling element black Product details Product function / can be locked into OFF position number of bracket locks / maximum 3 hasp thickness / of the bracket locks / maximum 3 hasp thickness / of the bracket locks / maximum 3 hasp thickness / of the bracket locks / maximum 3	• at AC-23 A / at 400 V / at 50/60 Hz / rated value	11.5 kW
at AC-23 / at 690 V / rated value at AC-3 / at 240 V / rated value at AC-3 / at 400 V / rated value 5.5 kW at AC-3 / at 690 V / rated value 9.5 kW operational current / rated value 9.5 kW operational current / rated value 32 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 / 1 operating voltage / of auxiliary contact / rated value 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 • maintenance/repair switch Yes • maintenance/repair switch Appearance color / of the actuating element black Product details • product function / can be locked into OFF position number of bracket locks / maximum 3 hasp thickness / of the bracket locks / minimum 1 1.5 kW 5.5 kW 9.5 kW 9.5 kW 9.5 kW 9.5 kW 9.0 V 24 A Auxiliary circuit 10 A 21 A 24 A Auxiliary circuit 10 A 25 A 26 A Auxiliary circuit 10 A 27 A 28 A Auxiliary circuit 10 A 29 A Auxiliary circuit 10 A 20 A 20 V 20	• at AC-23 A / at 400 V / rated value	11.5 kW
at AC-3 / at 240 V / rated value at AC-3 / at 400 V / rated value at AC-3 / at 690 V / rated value 9.5 kW operational current / rated value 32 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 operating voltacts / for auxiliary contacts 1 operating voltace / of auxiliary contacts operating voltace / of auxiliary contacts / at AC / maximum 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 • maintenance/repair switch Yes Appearance color / of the actuating element black Product details • product function / can be locked into OFF position number of bracket locks / maximum hasp thickness / of the bracket locks / minimum 4 mm	• at AC-23 A / at 440 V / rated value	11.5 kW
at AC-3 / at 400 V / rated value at AC-3 / at 690 V / rated value 9.5 kW operational current / rated value 32 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 Suitability suitability suitability for use • main switch • switch disconnector • EMERGENCY OFF switch • safety 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 12 A mm	• at AC-23 A / at 690 V / rated value	11.5 kW
at AC-3 / at 690 V / rated value operational current / rated value Auxiliary circuit number of CO contacts / for auxiliary contacts number of NO 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 Suitability suitability suitability • 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 function / can be locked into OFF position number of bracket locks / maximum 3 hasp thickness / of the bracket locks / maximum 4 mm	• at AC-3 / at 240 V / rated value	5.5 kW
operational current / rated value 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 1 operating voltage / of auxiliary contacts / tat AC / maximum continuous current / of the auxiliary contact / rated value insulation voltage / of the auxiliary switch / rated value Suitability suitability suitability suitability for use • main switch • switch disconnector • EMERGENCY OFF switch • safety switch • maintenance/repair switch Yes Appearance color / of the actuating element Product details • product function / can be locked into OFF position number of bracket locks / maximum 3 hasp thickness / of the bracket locks / maximum 3 hasp thickness / of the bracket locks / minimum 4 mm	• at AC-3 / at 400 V / rated value	9.5 kW
Auxiliary circuit number of CO contacts / for auxiliary contacts number of NC 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 switch / rated value Suitability suitability suitability for use • main switch • switch disconnector • EMERGENCY OFF switch • safety switch • maintenance/repair switch • maintenance/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 1 do A 10 A 500 V Yes 9 waintenance/repair switch / Yes 9 waintenance/repair switch Yes 4 yes 4 yes 4 yes 4 yes	• at AC-3 / at 690 V / rated value	9.5 kW
number of CO contacts / for auxiliary contacts number of NC contacts / for auxiliary contacts number of NO 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 Suitability suitability suitability suitability suitability or use • main switch • switch disconnector • switch disconnector • EMERGENCY OFF switch • safety switch • maintenance/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 4 mm	operational current / rated value	32 A
number of CO contacts / for auxiliary contacts number of NC contacts / for auxiliary contacts number of NO 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 Suitability suitability suitability suitability suitability or use • main switch • switch disconnector • switch disconnector • EMERGENCY OFF switch • safety switch • maintenance/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 4 mm	Auxiliary circuit	
number of NC contacts / for auxiliary contacts number of NO 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 Suitability suitability suitability for use • main switch • switch disconnector • EMERGENCY OFF switch • safety switch • maintenance/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 4 mm		0
number of NO 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 Suitability suitability suitability for use • main switch • switch disconnector • EMERGENCY OFF switch • safety switch • maintenance/repair switch • maintenance/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 10 A		
maximum continuous current / of the auxiliary contact / rated value insulation voltage / of the auxiliary switch / rated value Suitability suitability for use • main switch • switch disconnector • safety switch • safety switch • maintenance/repair 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 10 A 1		1
continuous current / of the auxiliary contact / rated value insulation voltage / of the auxiliary switch / rated value Suitability	operating voltage / of auxiliary contacts / at AC /	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 • 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 500 V Yes 500 V Yes Yes Yes • product disconnector Yes Yes Product details • product function / can be locked into OFF position 1 Amm 1 Amm	maximum	
Suitability suitability suitability for use • main switch • switch disconnector • EMERGENCY OFF switch • safety 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 4 mm		10 A
Suitability suitability for use • main switch • switch disconnector • EMERGENCY OFF switch • safety 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 Yes Yes Yes Yes Yes Yes		500 V
suitability for use • main switch • switch disconnector • EMERGENCY OFF switch • safety 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 Yes Yes Yes Yes Yes		
 main switch switch disconnector EMERGENCY OFF switch safety switch maintenance/repair switch Appearance color / of the actuating element black Product details product function / can be locked into OFF position number of bracket locks / maximum hasp thickness / of the bracket locks / minimum 4 mm 		
switch disconnector Switch disconnector EMERGENCY OFF switch safety 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 Yes Yes Yes Yes		Voc
EMERGENCY OFF switch safety 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 No Yes Yes Yes Appearance Ves Appearance Appearance Ves Appearance Appearance Solve Appearance Ves Appearance Appearance Solve Appearance Appearance Appearance Solve Appearance Appearance Appearance Solve Appearance Appearance Appearance Appearance Solve Appearance Appe		
 ◆ safety switch ◆ maintenance/repair switch Yes Appearance color / of the actuating element black Product details ◆ product function / can be locked into OFF position number of bracket locks / maximum hasp thickness / of the bracket locks / minimum 4 mm 		
maintenance/repair switch Appearance color / of the actuating element black Product details product function / can be locked into OFF position number of bracket locks / maximum hasp thickness / of the bracket locks / minimum Yes Yes Yes Appearance Ves Appearance State of the actuating element black Yes Appearance Appearance Appearance State of the state of the blacket locks / minimum Appearance Appearanc		
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 4 mm	·	
recolor / 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 black Yes 4 mm	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 4 mm	Appearance	
product function / can be locked into OFF position number of bracket locks / maximum hasp thickness / of the bracket locks / minimum 4 mm	color / of the actuating element	black
position number of bracket locks / maximum hasp thickness / of the bracket locks / minimum 4 mm	Product details	
hasp thickness / of the bracket locks / minimum 4 mm	· · · · · · · · · · · · · · · · · · ·	Yes
	number of bracket locks / maximum	3
hasp thickness / of the bracket locks / maximum 8 mm	hasp thickness / of the bracket locks / minimum	4 mm
		8 mm
product extension / optional	product extension / optional	
• motor drive No	motor drive	No

voltage trigger	No
Short circuit	
conditional short-circuit current / with line-side fuse	
protection	
• at 690 V / by gG fuse / rated value	50 kA
according UL	
operational current / at AC / according to UL 508/UL 60947-4-1 / rated value	32 A
operating voltage / at AC / at 50/60 Hz / according to UL 508/UL 60947-4-1 / rated value	600 V
active power [hp] / at AC / at 480 V / according to UL 508/UL 60947-4-1 / rated value	20
active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value	20
short-time withstand current (SCCR) / at 600 V / according to UL 508/UL 60947-4-1	5 kA
continuous current / of upstream fuse / according to UL / rated value	80 A
type of fuse / according to UL	RK5
Number	
number of connectable NC contacts / for auxiliary	2
contacts / attachable / maximum	
number of connectable NO contacts / for auxiliary	3
contacts / attachable / maximum	
number of connectable CO contacts / for auxiliary	0
contacts / attachable / maximum	
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 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: 40 A

• for short-circuit protection of the auxiliary switch

/ required

fuse gL/gG: 10 A

Mechanical Design	
height	201 mm
width	146 mm
depth	149 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	878 g

ambient temperature / during operation • minimum • maximum • maximum -25 °C ambient temperature / during storage / minimum -25 °C

Certificates

reference code

• acc. to DIN EN 61346-2

S

• acc. to IEC 81346-2

SF

General Product Approval

Declaration of Conformity

Test Certificates









Special Test Certificate

Miscellaneous

other

Environmental Confirmations

Further information

Information- and Downloadcenter (Catalogs, Brochures,...)

http://www.siemens.com/lowvoltage/catalogs

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3LD2265-5VD51-0AE2

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

https://support.industry.siemens.com/cs/ww/en/ps/3LD2265-5VD51-0AE

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3LD2265-5VD51-0AE2

CAx-Online-Generator

http://www.siemens.com/cax

Tender specifications

http://www.siemens.com/specifications

