

SENTRON, 3LD switch disconnecter, main switch, 4- pole, Iu:25 A, Operational power / at AC-23 A at 400 V: 9,5 kW, floor mounting with door coupling, rotary operating mechanism, black, 4- hole mounting of the handle



Model	
product brandname	SENTRON
Product designation	3LD switch disconnecter
Design of the product	Main switch
Display version / for switch position indicator manual operation	1 ON - 0 OFF
Design of the operating mechanism	Short rotary knob
Design of handle	rotary operating mechanism, black
Type of the driving mechanism / motor drive	No
General technical data	
Number of poles	4
Type of device	fixed mounting
Type of switch	Floor mounting with door coupling
Size of switch disconnecter	2
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
Protection class IP / on the front	IP65

Dissipation	
Power loss [W]	1.1 W
<ul style="list-style-type: none"> for rated value of the current / at AC / in hot operating state / per pole 	

Electricity	
Current / at AC / rated value	25 A
Continuous current / rated value	25 A
Short-time current resistance (I _{cw}) / at 690 V / limited to 1 s / rated value	640 A

Main circuit	
Operating frequency	
<ul style="list-style-type: none"> initial value Full-scale value 	50 Hz 60 Hz
Operating power	
<ul style="list-style-type: none"> at AC-23 A / at 400 V / rated value at AC-23 A / at 690 V / rated value at AC-3 / at 400 V / rated value at AC-3 / at 690 V / rated value 	9.5 kW 9.5 kW 7.5 kW 7.5 kW
Operating voltage	
<ul style="list-style-type: none"> at AC / at 50/60 Hz / rated value 	690 V

Auxiliary circuit	
Operating voltage / of 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	
<ul style="list-style-type: none"> Main switch switch disconnecter EMERGENCY OFF switch safety switch maintenance/repair switch 	Yes Yes No Yes Yes

Product details	
Product feature / interlock	Yes
Product extension / optional	
<ul style="list-style-type: none"> motor drive 	No

- Voltage trigger

No

Connections

Type of electrical connection

- for main current circuit
- for auxiliary contacts

Box terminal
connection terminals

Requirements

Design of the fuse link

- for short-circuit protection of the main circuit / required
- for short-circuit protection of the auxiliary switch / required

fuse gL/gG: 25 A

fuse gL/gG: 10 A

Mechanical Design

Height

84 mm

Width

67 mm

Depth

429.5 mm

Mounting type

Built-in unit fixed-mounted version

Mounting type

- front mounting with 4-hole attachment
- front mounting with central attachment
- rail mounting

Yes

No

Yes

Net weight

439 g

Environmental conditions

Ambient temperature

- during operation / minimum
- during operation / maximum

-25 °C

55 °C

Certificates

Equipment marking

- acc. to DIN EN 61346-2
- acc. to DIN EN 81346-2

S

SF

General Product Approval	Declaration of Conformity
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CCC



CSA



UL



VDE

[Miscellaneous](#)



EG-Konf.

Test Certificates	Shipping Approval	other
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[Special Test Certificate](#)



LRS



PRS

[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?mfb=3LD2113-1TL51>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3LD2113-1TL51>

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

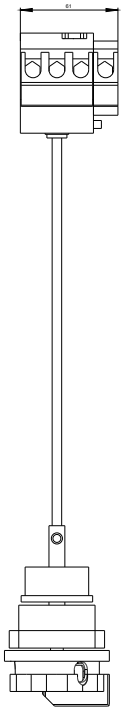
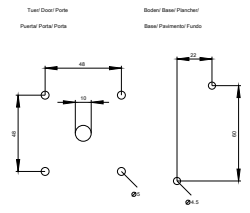
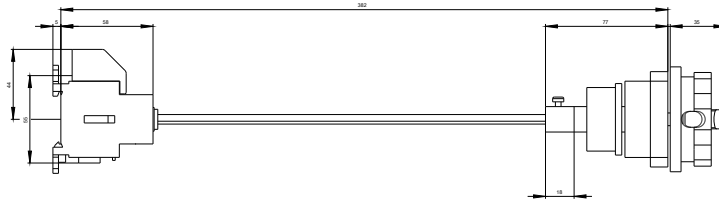
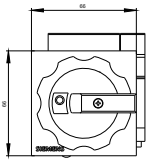
http://www.automation.siemens.com/bilddb/cax_en.aspx?mfb=3LD2113-1TL51

CAX-Online-Generator

<http://www.siemens.com/cax>

Tender specifications

<http://www.siemens.com/specifications>



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