

SETRON, Switch disconnecter 3LD, main switch, 3-pole, Iu: 160 A, Operating power / at AC-23 A at 400 V: 75 kW, front-mounted, knob-operated mechanism, black, 4-hole mounting of the handle



Model	
Product brand name	SETRON
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	selector switch
Design of handle	knob-operated mechanism, black
Type of the driving mechanism / motor drive	No
General technical data	
Number of poles	3
Type of device	fixed mounting
Type of switch	front mounted
Size of switch disconnecter	5
Operating frequency / maximum	50 1/h
Voltage	
Insulation voltage / rated value	690 V
Surge voltage resistance / rated value	8 kV

Protection class	
Protection class IP	IP65
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	36 W
Electricity	
Current / at AC / rated value	160 A
Continuous current / rated value	160 A
Short-time current resistance (I _{cw}) / at 690 V / limited to 1 s / rated value	4 000 A
Main circuit	
Operating frequency	
initial value	50 Hz
Full-scale value	60 Hz
Operating power	
at AC-23 A / at 400 V / rated value	75 kW
at AC-23 A / at 690 V / rated value	45 kW
at AC-3 / at 400 V / rated value	50 kW
at AC-3 / at 690 V / rated value	37 kW
Operating voltage	
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	
Main switch	Yes
switch disconnecter	Yes
EMERGENCY OFF switch	No
safety switch	No
maintenance/repair switch	Yes
Product details	
Product feature / interlock	Yes
Product extension / optional	
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: 160 A

fuse gL/gG: 10 A

Mechanical Design

Height

169 mm

Width

112 mm

Depth

94 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

No

Net weight

2 089 g

Certificates

- Reference identifier / acc. to DIN EN 61346-2
- Reference identifier / acc. to DIN EN 81346-2

S

SF

General Product Approval

Declaration of Conformity

Test Certificates



CCC



CSA



UL



EG-Konf.

[Type Test
Certificates/Test
Report](#)

[Special Test
Certificate](#)

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=3LD2305-0TK11>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3LD2305-0TK11>

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

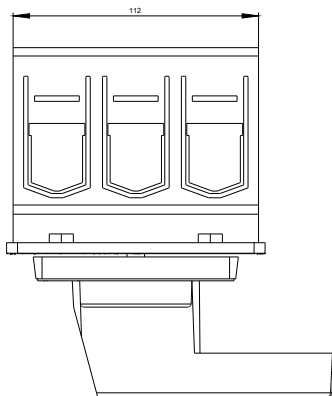
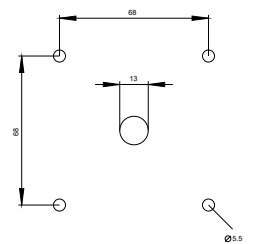
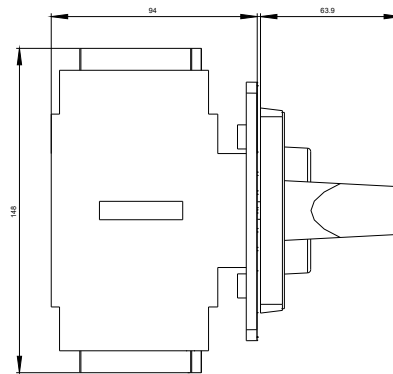
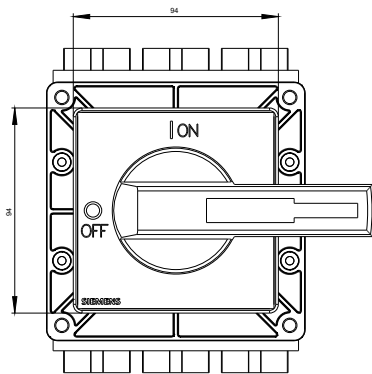
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3LD2305-0TK11

CAX-Online-Generator

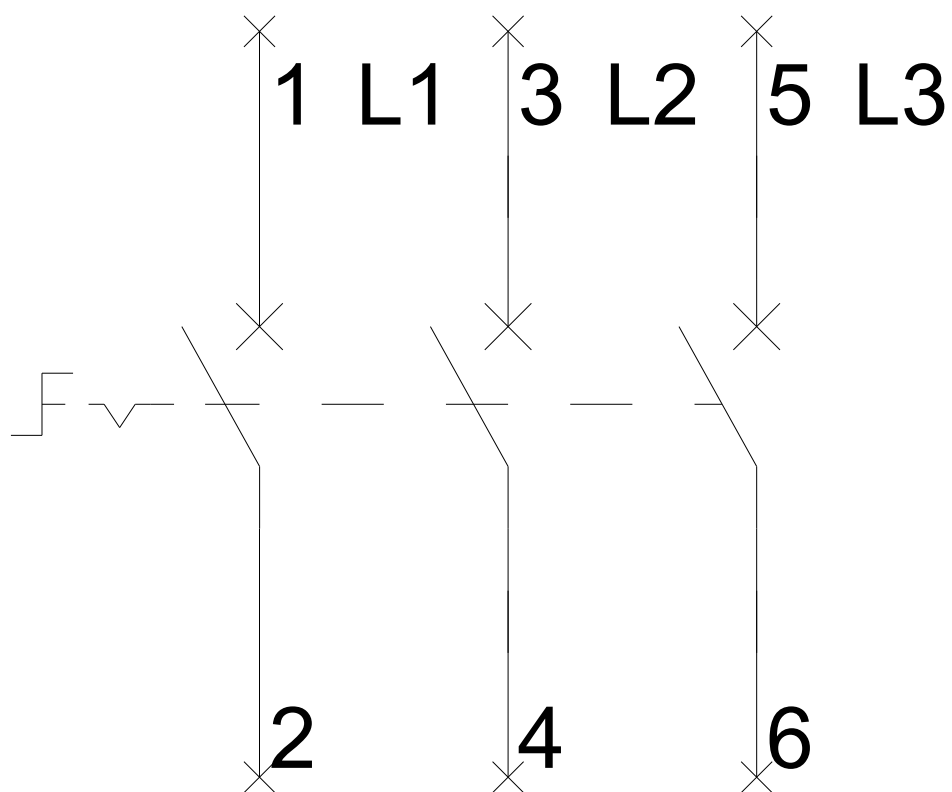
<http://www.siemens.com/cax>

Tender specifications

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



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