

SETRON, Switch disconnecter 3LD, main switch, 3-pole, I_n: 125 A, Operating power / at AC-23 A at 400 V: 45 kW, installation in distribution boards, knob-operated mechanism, black, handle direct at the switch



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	DIN-rail mounting
Size of switch disconnecter	4
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	IP40
Protection class IP / on the front	IP40

Dissipation	
Power loss [W]	12 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	125 A
Continuous current / rated value	125 A
Short-time current resistance (I _{cw}) / at 690 V / limited to 1 s / rated value	2 000 A

Main circuit	
Operating frequency	
<ul style="list-style-type: none"> initial value 	50 Hz
<ul style="list-style-type: none"> Full-scale value 	60 Hz
Operating power	
<ul style="list-style-type: none"> at AC-23 A / at 400 V / rated value 	45 kW
<ul style="list-style-type: none"> at AC-23 A / at 690 V / rated value 	37 kW
<ul style="list-style-type: none"> at AC-3 / at 400 V / rated value 	37 kW
<ul style="list-style-type: none"> at AC-3 / at 690 V / rated value 	30 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 	Yes
<ul style="list-style-type: none"> switch disconnecter 	Yes
<ul style="list-style-type: none"> EMERGENCY OFF switch 	No
<ul style="list-style-type: none"> safety switch 	Yes
<ul style="list-style-type: none"> maintenance/repair switch 	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: 125 A

fuse gL/gG: 10 A

Mechanical Design

Height

83 mm

Width

71 mm

Depth

97 mm

Mounting type

Built-in unit fixed-mounted version

Mounting type

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

No

No

Yes

Net weight

372 g

Certificates

Reference identifier

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

S

SF

General Product Approval

Declaration of Conformity



CCC



CSA



UL



VDE

[Miscellaneous](#)



EG-Konf.

Test Certificates

[Special Test Certificate](#)

Shipping Approval



LRS

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=3LD2830-0TK11>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3LD2830-0TK11>

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

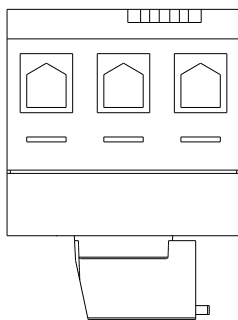
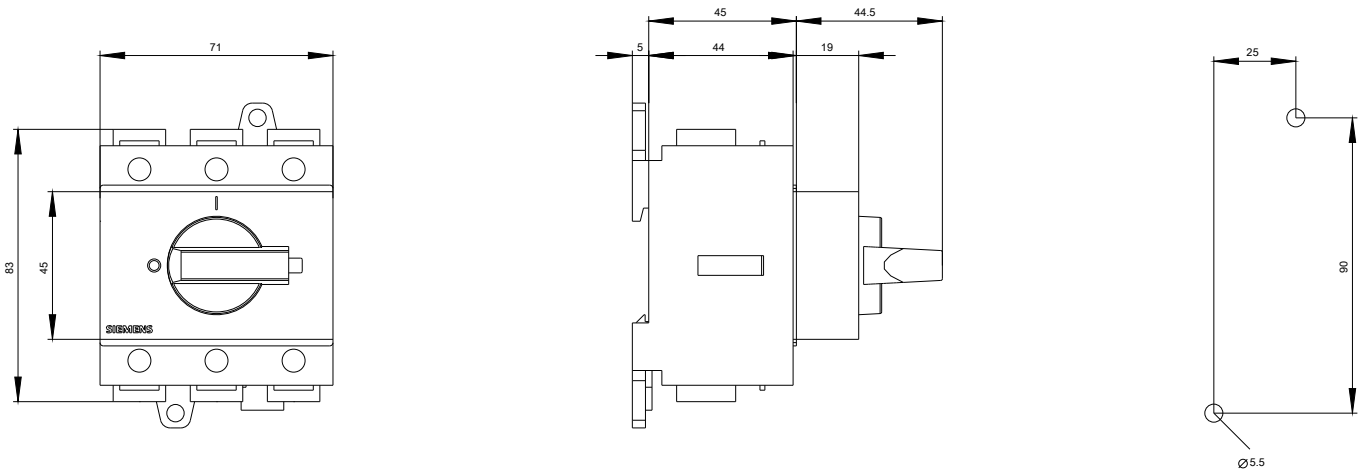
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3LD2830-0TK11

CAX-Online-Generator

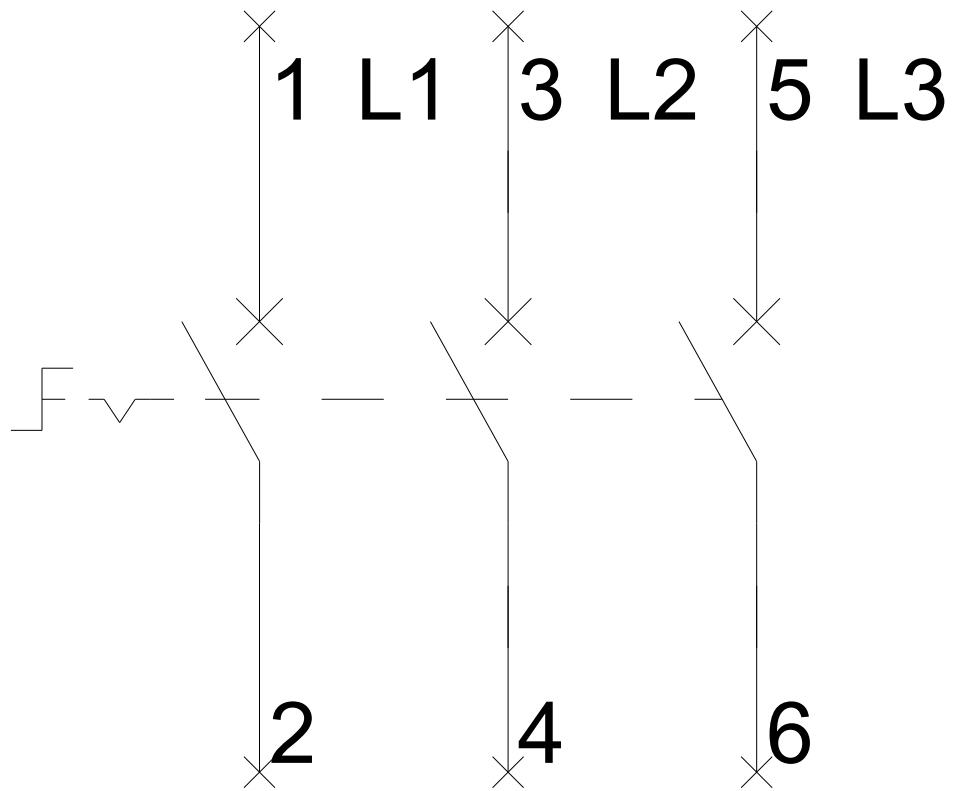
<http://www.siemens.com/cax>

Tender specifications

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



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