

SETRON, Switch disconnecter 3LD, emergency switching-off switch, 4- pole, 25 A, operating power at AC-23 A at 400 V: 9.5 kW, molded-plastic encapsulation for metric cable gland, rotary operating mechanism, red/yellow



Model	
Product brand name	SETRON
Product designation	3LD Switch disconnecter
Design of the product	EMERGENCY-STOP 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, red/yellow
Type of the driving mechanism / motor drive	No
General technical data	
Number of poles	4
Number of poles / Note	PE
Type of device	fixed mounting
Type of switch	Molded-plastic enclosure for metric threaded joint
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] / for rated value of the current / at AC / in hot operating state / per pole	1.1 W
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	
• initial value	50 Hz
• Full-scale value	60 Hz
Operating power	
• at AC-23 A / at 400 V / rated value	9.5 kW
• at AC-23 A / at 690 V / rated value	9.5 kW
• at AC-3 / at 400 V / rated value	7.5 kW
• at AC-3 / at 690 V / rated value	7.5 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	Yes
• safety switch	Yes
• maintenance/repair switch	Yes
Product details	
Product feature / interlock	Yes
Product extension / optional	

- motor drive
- Voltage trigger

No

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

152 mm

Width

100 mm

Depth

117 mm

Mounting type

Complete unit in enclosure

Mounting type

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

No

Yes

No

Net weight

481 g

Environmental conditions

Ambient temperature

- during operation / minimum
- during operation / maximum

-25 °C

55 °C

Certificates

Reference code

- 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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[Miscellaneous](#)



LRS

[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=3LD2164-1TC53>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3LD2164-1TC53>

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

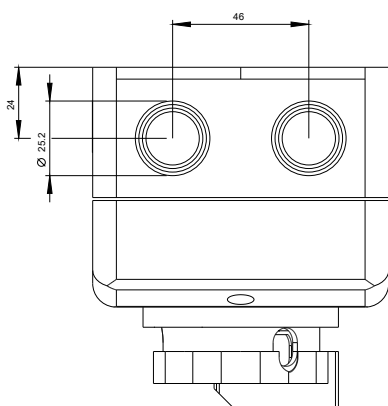
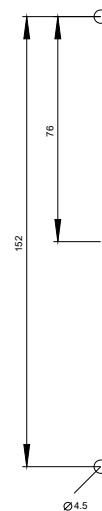
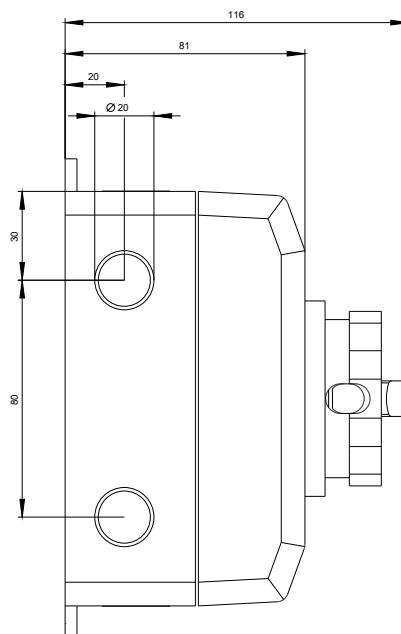
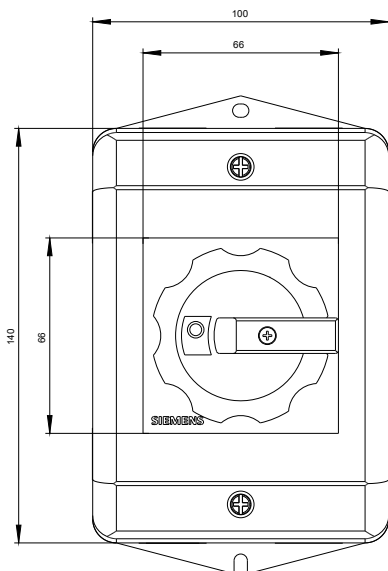
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3LD2164-1TC53

CAX-Online-Generator

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

Tender specifications

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



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