

Switch disconnecter 3LD3, main switch 3-polig + N, lu 32A
operational switch at AC-23 A at 400 V 11,5 kW front mounted Base
mounting with center-hole 22,5 mm knob-operated mechanism black
48 x 48 mm

Model	
Product brand name	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	selector switch
Design of handle	knob-operated 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	front mounted
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]	1.8 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	32 A
Continuous current / rated value	32 A
Short-time current resistance (I _{cw}) / at 690 V / limited to 1 s / rated value	500 A

Main circuit	
Operating frequency	50 Hz
<ul style="list-style-type: none"> initial value 	

<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 	11.5 kW
<ul style="list-style-type: none"> • at AC-23 A / at 690 V / rated value 	11.5 kW
<ul style="list-style-type: none"> • at AC-3 / at 400 V / rated value 	9.5 kW
<ul style="list-style-type: none"> • at AC-3 / at 690 V / rated value 	9.5 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 	Yes
<ul style="list-style-type: none"> • switch disconnector 	Yes
<ul style="list-style-type: none"> • EMERGENCY OFF switch 	Yes
<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
<ul style="list-style-type: none"> • Voltage trigger 	No
Short-time current resistance (I_{cw}) / limited to 1 s / rated value	500 kA
Number of NC contacts	0
Number of NO contacts	0

Connections

Type of electrical connection	
<ul style="list-style-type: none"> • for main current circuit 	Box terminal

Requirements

Design of the fuse link	
<ul style="list-style-type: none"> • for short-circuit protection of the main circuit / required 	fuse gL/gG: 40 A
<ul style="list-style-type: none"> • for short-circuit protection of the auxiliary switch / required 	fuse gL/gG: 10 A

Mechanical Design

Height	60 mm
Width	49 mm
Depth	114 mm
Mounting type	Built-in unit fixed-mounted version
Mounting type	
• front mounting with 4-hole attachment	No
• front mounting with central attachment	Yes
• rail mounting	No
Net weight	200 g

Environmental conditions

Ambient temperature

- | | |
|------------------------------|--------|
| • during operation / minimum | -25 °C |
| • during operation / maximum | 55 °C |

Certificates

Equipment marking

- | | |
|--------------------------|----|
| • acc. to DIN EN 61346-2 | S |
| • acc. to DIN EN 81346-2 | SF |

Declaration of Conformity



EG-Konf.

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=3LD3250-0TL11>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3LD3250-0TL11>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3LD3250-0TL11

CAX-Online-Generator

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

Tender specifications

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