

SENTRON, Switch disconnecter 3LD, DC switch, 2-pole, Iu: 32 A, operating current / at DC- 21 A at 800 V: 32 A, installation in distribution boards, knob-operated mechanism, black, handle direct at the switch



Model	
product brand name	SENTRON
product designation	Switch disconnecter
design of the product	DC switch
display version for switch position indicator manual operation	1 ON - 0 OFF
type of switch	DIN-rail mounting
design of the actuating element	selector switch
color of the actuating element	black
design of handle	knob-operated mechanism, black
type of the driving mechanism motor drive	No
General technical data	
number of poles	2
size of switch disconnecter	2
mechanical service life (operating cycles) typical	10 000
operating frequency maximum	120 1/h
degree of pollution	3
Voltage	
insulation voltage rated value	800 V
surge voltage resistance rated value	6 kV
operating voltage	
• at DC rated value	800 V
Protection class	
protection class IP	IP10
protection class IP on the front	IP40
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
suitability for use switch disconnecter	Yes
suitability for use EMERGENCY OFF switch	No
suitability for use safety switch	Yes
suitability for use maintenance/repair switch	Yes
Product details	
product feature can be locked into OFF position	Yes
Accessories	
product extension optional	
• motor drive	No

<ul style="list-style-type: none"> voltage trigger 	No
number of connectable NC contacts for auxiliary contacts attachable maximum	2
number of connectable NO contacts for auxiliary contacts attachable maximum	4
number of connectable CO contacts for auxiliary contacts attachable maximum	0
number of bracket locks maximum	2
hasp thickness of the bracket locks	4 ... 6 mm

Short circuit

design of the fuse link	fuse gL/gG: 10 A
<ul style="list-style-type: none"> for short-circuit protection of the auxiliary switch required 	
operational current of upstream fuse rated value	80 A

Connections

type of connectable conductor cross-sections for copper conductor	1x (1,5...16mm ²) 1x (1,5...10mm ²) 1x (1,5...16mm ²)
<ul style="list-style-type: none"> solid 	
<ul style="list-style-type: none"> finely stranded with core end processing 	
<ul style="list-style-type: none"> stranded 	
type of connectable conductor cross-sections for auxiliary contacts	2x (0.75 ... 2.5 mm ²), 1x 4 mm ² 2x (0.75 ... 1.5 mm ²), 1x 2.5 mm ² 2x (0.75 ... 2.5 mm ²), 1x 4 mm ²
<ul style="list-style-type: none"> solid 	
<ul style="list-style-type: none"> finely stranded with core end processing 	
<ul style="list-style-type: none"> stranded 	
type of electrical connection	box terminal connection terminals
<ul style="list-style-type: none"> for main current circuit 	
<ul style="list-style-type: none"> for auxiliary contacts 	

Mechanical Design

height	128 mm
width	98 mm
depth	129 mm
type of device	fixed mounting
fastening method	Built-in unit fixed-mounted version
fastening method	No No Yes
<ul style="list-style-type: none"> 4-hole front mounting 	
<ul style="list-style-type: none"> front mounting with central attachment 	
<ul style="list-style-type: none"> rail mounting 	
Net Weight	408 g

Environmental conditions

ambient temperature during operation	-25 °C 55 °C
<ul style="list-style-type: none"> minimum maximum 	
ambient temperature during storage	-25 °C 55 °C
<ul style="list-style-type: none"> minimum maximum 	

Approvals Certificates

General Product Approval	Maritime application	other	Environment
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[Confirmation](#)



[Environmental Confirmations](#)

Environment

[Environmental Confirmations](#)

Further information

Information on the packaging

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

Information for data generation and storage

<https://support.industry.siemens.com/cs/ww/en/view/109995012>

Information- and Downloadcenter (Catalogs, Brochures,...)

<https://www.siemens.com/lowvoltage/catalogs>

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3LD2230-8VQ11-0AF6>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3LD2230-8VQ11-0AF6>

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

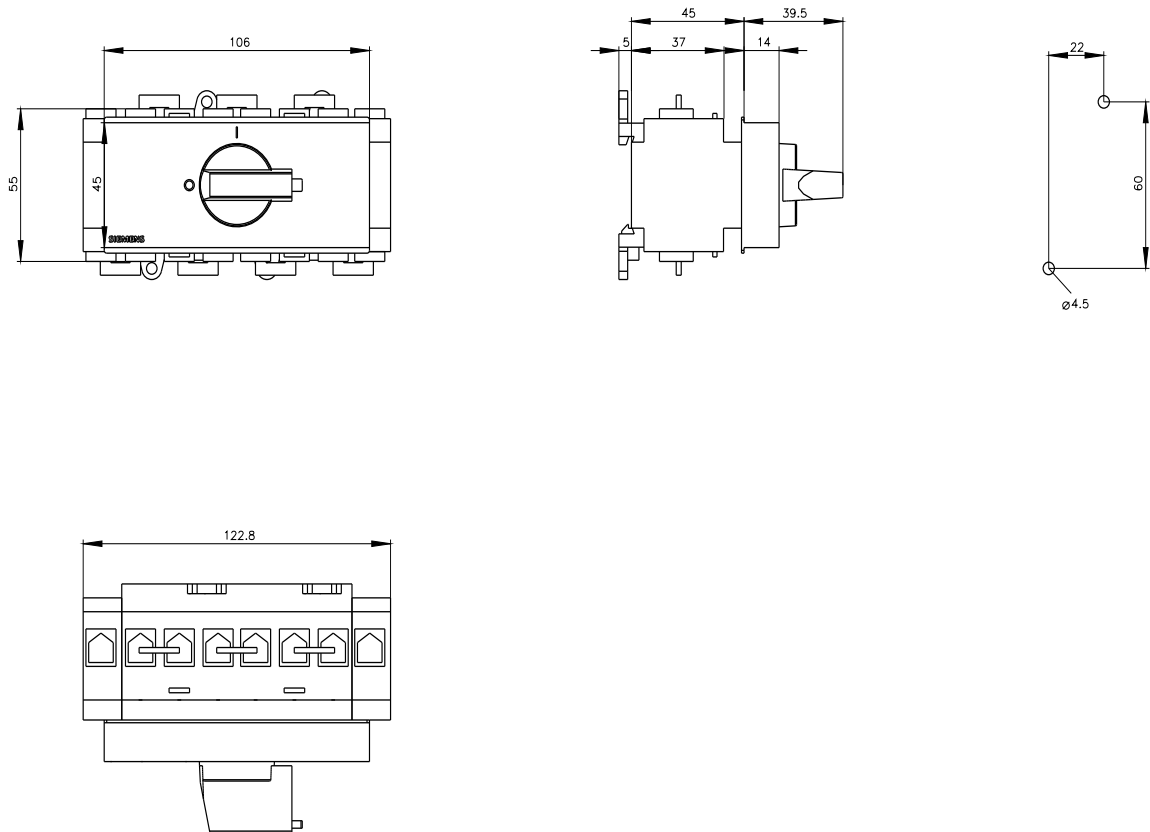
https://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3LD2230-8VQ11-0AF6

CAX-Online-Generator

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

Tender specifications

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



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