

SWITCH DISCONNECTOR 3VA1 IEC FRAME 160 3-POLE SD100,
IN=125A WITHOUT OVERLOAD PROTECTION WITHOUT SHORT
CIRCUIT PROT. CABLE CONNECTION UNDERVOLTAGE
RELEASE (UVR) 24 V DC



Model	
product brandname	SENTRON
Product designation	Switch disconnecter
Design of the product	in MCCB design
Number of poles	3
Design of the auxiliary release	Undervoltage release (UVR)
Design of the auxiliary switch	Without

General technical data	
Tension assignée d'isolement Ui	800 V
Max. rated operational voltage Ue with AC 50/60Hz	690 V
Max. rated operational voltage Ue with DC	500 V
Active power loss / for rated value of the current / at AC / in hot operating state / per device	38 W
Mechanical service life (switching cycles) / typical	15 000
Product function	
• communication function	No
Net weight	1 100 g

Electricity

Courant permanent assigné lu	125 A
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Mechanical Design

Height	130 mm
Width	76.2 mm
Depth	70 mm

Connections

Arrangement of electrical connectors / for main current circuit	Front terminal
Type of electrical connection / for main current circuit	Terminal connection

Auxiliary circuit

Product component	
• undervoltage release	Yes
• Voltage trigger	No
• undervoltage release with leading contact	No
• Trip indicator	No
Number of CO contacts / for auxiliary contacts	0

Accessories

Product extension / optional / motor drive	Yes
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Environmental conditions

Protection class IP / on the front	IP40
Ambient temperature	
• during operation / minimum	-25 °C
• during operation / maximum	70 °C
• during storage / minimum	-40 °C
• during storage / maximum	80 °C

Certificates

Equipment marking / acc. to DIN EN 81346-2	Q
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General Product Approval	EMC	Declaration of Conformity	Test Certificates	Shipping Approval
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Shipping Approval	other
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Further information

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

Industry: Mall (Online ordering system)

<https://eb.automation.siemens.com/mall/en/>

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

<http://support.automation.siemens.com/WW/view/en/3VA1112-1AA36-0BA>

Image database (product images, 2D dimension drawings, 3D models)

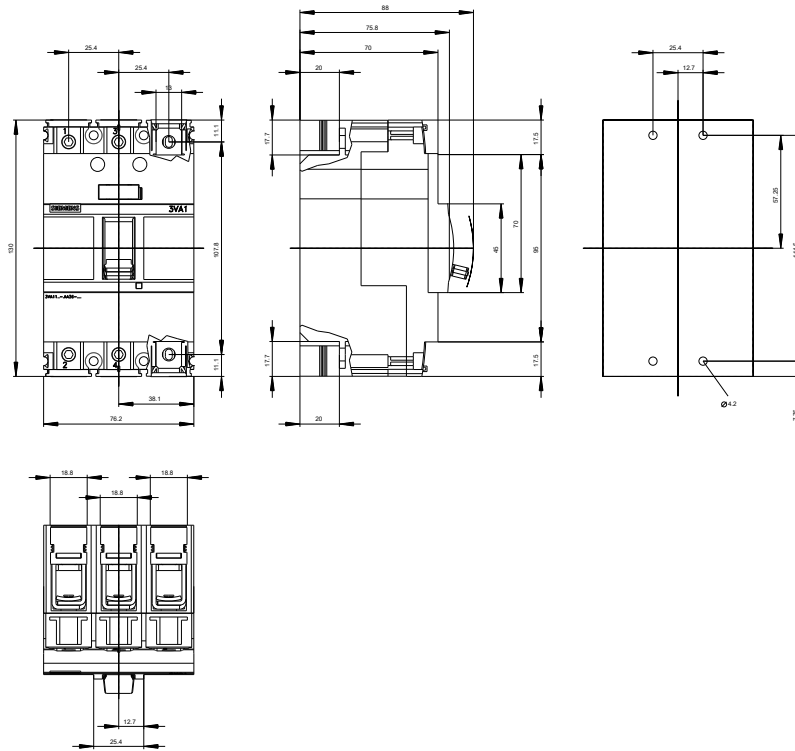
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3VA1112-1AA36-0BA0

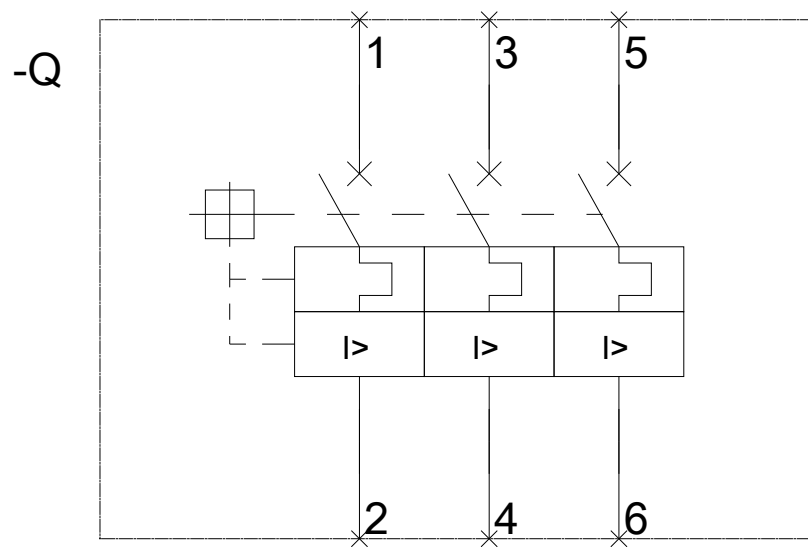
CAx Online Generator

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

Tender specifications

<http://www.siemens.com>





last modified:

10/24/2016