



Figure similar

Model	
product brandname	SENTRON
Type of the driving mechanism	motorized operating mechanism
General technical data	
Break time / typical	1 s
Operating frequency / maximum	120 1/h
Voltage	
Fuse protection type / for external auxiliary power supply / required	NEOZED fuse (gL/gG): 6 A / miniature circuit breaker, C char.: 6 A
Operating range factor control supply voltage rated value	
• at AC / at 60 Hz / initial value	0.85
• at AC / at 60 Hz / Full-scale value	1.1
• at DC / initial value	0.85
• at DC / Full-scale value	1.1
Protection class	

Protection class IP	IP30
Electricity	
Make time / typical	1 s
Control current	
Operating apparent output	100 V·A
Control supply voltage	
• at DC / rated value / minimum	60 V
• at DC / rated value / maximum	42 V
• at AC / at 50 Hz / rated value / minimum	42 V
• at AC / at 50 Hz / rated value / maximum	60 V
• at AC / at 60 Hz / rated value / minimum	42 V
• at AC / at 60 Hz / rated value / maximum	60 V
Operating range factor control supply voltage rated value / at AC / at 50 Hz	
• initial value	0.85
• Full-scale value	1.1
Accessories	
accessories	Accessories for VL160X
Connections	
Connectable conductor cross-section / stranded	
• minimum	1.5 mm ²
• maximum	1.5 mm ²
Wire stripping length	9 mm
Connectable conductor cross-section	
• solid	
— minimum	1.5 mm ²
— maximum	1.5 mm ²
• finely stranded / with core end processing	
— minimum	1.5 mm ²
— maximum	1.5 mm ²
Mechanical Design	
Height	126.4 mm
Width	102.1 mm
Depth	175.8 mm
Net weight	1 790 g
Environmental conditions	
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 61346-2
- acc. to DIN EN 81346-2

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General Product Approval	EMC	Declaration of Conformity	Test Certificates
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[n](#)

Shipping Approval



Shipping Approval	other
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Further information

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

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

Industry Mall (Online ordering system)

<https://eb.automation.siemens.com/mall/en/WW/Catalog/Product/3VL9100-3MC10>

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

<http://support.automation.siemens.com/WW/view/en/3VL9100-3MC10/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3VL9100-3MC10

CAX-Online-Generator

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

Tender specifications

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