

accessory for VL160X, VL160, VL250 mot. op. mech. w/ strd en. mech 220...250V AC/DC

Model	
product brand name	SETRON
product designation	Motorized operating mechanism with stored energy mechanism
design of the product	Accessories for VL160X; VL160; VL250
type of the driving mechanism	Motorized operating mechanism with spring energy store
General technical data	
operating frequency maximum	120 1/h
Voltage	
fuse protection type for external auxiliary power supply required	NEOZED fuse (gL/gG): 2 A / miniature circuit breaker, C char.: 2 A
operating range factor control supply voltage rated value	
• at DC initial value	0.85
• at DC full-scale value	1.1
• at AC at 50 Hz initial value	0.85
• at AC at 50 Hz full-scale value	1.1
• at AC at 60 Hz initial value	0.85
• at AC at 60 Hz full-scale value	1.1
Protection class	
protection class IP	IP30
Control current	
operating apparent power	100 VA
control supply voltage	
• at DC rated value minimum	250 V
• at DC rated value maximum	220 V
• at AC at 50 Hz rated value minimum	220 V
• at AC at 50 Hz rated value maximum	250 V
• at AC at 60 Hz rated value minimum	220 V
• at AC at 60 Hz rated value maximum	250 V
pulse duration minimum	50 ms
Connections	
stripped length	10 mm
connectable conductor cross-section solid	
• minimum	0.75 mm ²
• maximum	1.5 mm ²
connectable conductor cross-section stranded	
• minimum	0.75 mm ²
• maximum	1.5 mm ²
connectable conductor cross-section finely stranded with core end processing	
• minimum	0.75 mm ²
• maximum	1.5 mm ²

tightening torque	
• minimum	1 N·m
• maximum	1.2 N·m

Mechanical Design

height	103 mm
width	98 mm
depth	166 mm
net weight	2 818 g

Environmental conditions

ambient temperature during operation	
• minimum	-25 °C
• maximum	70 °C
ambient temperature during storage	
• minimum	-40 °C
• maximum	80 °C

Certificates

reference code according to IEC 81346-2	M
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Approvals Certificates

General Product Approval	Test Certificates	Marine / Shipping
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[Confirmation](#)



[Special Test Certificate](#)



Marine / Shipping	other	Environment
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[Miscellaneous](#)

[Confirmation](#)

[Environmental Confirmations](#)

Environment

[Environmental Confirmations](#)

Further information

Information on the packaging

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

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=3VL9300-3MQ00>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3VL9300-3MQ00>

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

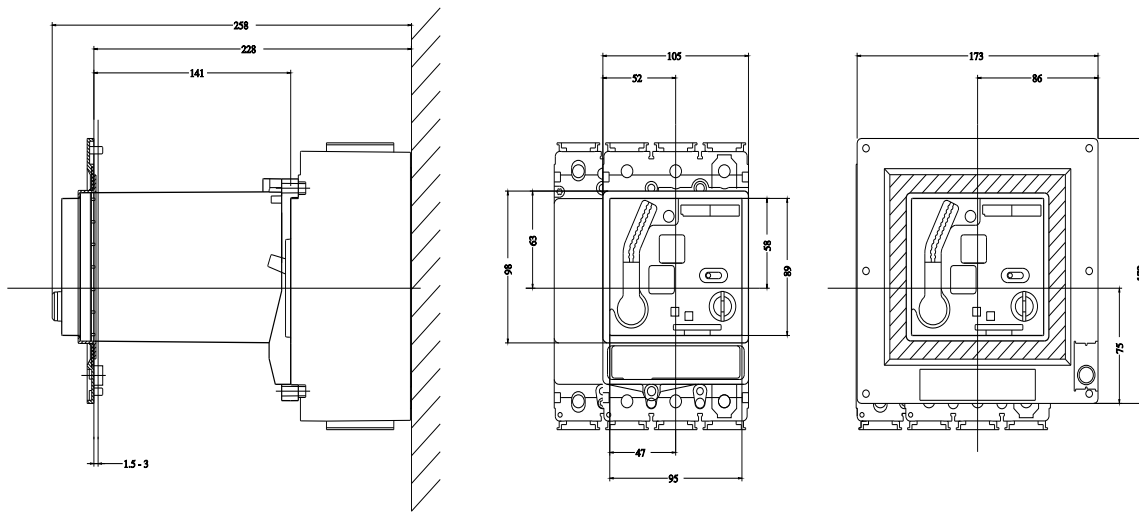
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3VL9300-3MQ00

CAX-Online-Generator

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

Tender specifications

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



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3/11/2024 

