



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	
break time / typical	5 s
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
Current	
make time / typical	0.1 s
Control current	
operating apparent power	100 V·A
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
Accessories	
accessories	Accessories for VL160X; VL160; VL250
pulse duration / minimum	50 ms
Connections	
stripped length	10 mm
connectable conductor cross-section / solid	
• minimum	0.75 mm <sup>2</sup>
• maximum	1.5 mm <sup>2</sup>

connectable conductor cross-section / stranded	
<ul style="list-style-type: none"> <li>• minimum</li> <li>• maximum</li> </ul>	0.75 mm <sup>2</sup> 1.5 mm <sup>2</sup>
connectable conductor cross-section / finely stranded / with core end processing	
<ul style="list-style-type: none"> <li>• minimum</li> <li>• maximum</li> </ul>	0.75 mm <sup>2</sup> 1.5 mm <sup>2</sup>
tightening torque	
<ul style="list-style-type: none"> <li>• minimum</li> <li>• maximum</li> </ul>	1 N·m 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	
<ul style="list-style-type: none"> <li>• minimum</li> <li>• maximum</li> </ul>	-25 °C 70 °C
ambient temperature / during storage	
<ul style="list-style-type: none"> <li>• minimum</li> <li>• maximum</li> </ul>	-40 °C 80 °C

General Product Approval	EMC	Declaration of Conformity	Test Certificates	Marine / Shipping
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[Miscellaneous](#)



[Special Test Certificate](#)



Marine / Shipping	other
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[Miscellaneous](#)

[Confirmation](#)

[Environmental Confirmations](#)

### 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=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](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>



