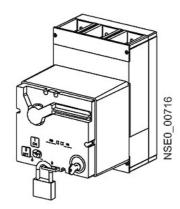
## **SIEMENS**

3VL9300-3MN00 **Data sheet** 



accessory for VL160X, VL160, VL250 mot. op. mech. w/ strd en. mech 110...127V AC/DC

Model				
product brand name	SENTRON			
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			
<ul> <li>at DC / full-scale value</li> </ul>	1.1			
<ul> <li>at AC / at 50 Hz / initial value</li> </ul>	0.85			
<ul> <li>at AC / at 50 Hz / full-scale value</li> </ul>	1.1			
<ul><li>at AC / at 60 Hz / initial value</li></ul>	0.85			
<ul> <li>at AC / at 60 Hz / full-scale value</li> </ul>	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				
<ul><li>at DC / rated value / minimum</li></ul>	127 V			
<ul><li>at DC / rated value / maximum</li></ul>	110 V			
<ul> <li>at AC / at 50 Hz / rated value / minimum</li> </ul>	110 V			
<ul><li>at AC / at 50 Hz / rated value / maximum</li></ul>	127 V			
<ul><li>at AC / at 60 Hz / rated value / minimum</li></ul>	110 V			
<ul> <li>at AC / at 60 Hz / rated value / maximum</li> </ul>	127 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 mm²				
• maximum		1.5 mm²				
connectable conductor cross-section / strand	ed					
• minimum		0.75	mm²			
• maximum		1.5 mm²				
connectable conductor cross-section / finely with core end processing	stranded /					
• minimum		0.75 mm <sup>2</sup>				
• maximum		1.5 mm²				
tightening torque						
• minimum		1 N·n	1 N·m			
<ul><li>maximum</li></ul>		1.2 N·m				
Mechanical Design						
height		103 n	nm			
width		98 mm				
depth		166 mm				
net weight		2 782 g				
Environmental conditions						
ambient temperature / during operation						
• minimum		-25 °C				
<ul><li>maximum</li></ul>	naximum		70 °C			
ambient temperature / during storage						
• minimum		-40 °(	C			
<ul><li>maximum</li></ul>		80 °C				
Certificates						
reference code						
• acc. to DIN EN 61346-2		М				
• acc. to IEC 81346-2		М				
General Product Approval	EMC		Declaration of Conformity	Test Certificates	Marine / Shipping	

Miscellaneous







**Special Test Certific-**<u>ate</u>



Marine / Shipping

other







Manufacturer Declaration

**Miscellaneous** 

**Environmental Con**firmations

other

Confirmation

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=3VL9300-3MN00

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

https://support.industry.siemens.com/cs/ww/en/ps/3VL9300-3MN00

 $\label{lem:lemmage} \begin{tabular}{ll} Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) \\ $$ \underline{$http://www.automation.siemens.com/bilddb/cax\_en.aspx?mlfb=3VL9300-3MN00}$ \end{tabular}$ 

**CAx-Online-Generator** 

http://www.siemens.com/cax

**Tender specifications** 

http://www.siemens.com/specifications

