

position signaling switch accessory for: plug-in unit 3VA9603-0KP00



Model	
product brand name	SETRON
product designation	Position signaling switch
accessories	Position signaling switch
General technical data	
degree of pollution	3
overvoltage category	III
Voltage	
surge voltage resistance	4 kV
operating voltage / at AC / at 50 Hz / rated value / minimum	24 V
operating voltage / at DC / rated value / minimum	24 V
Current	
thermal current	6 A
operational current	
• at AC-12 / at 12 V	6 A
• at AC-12 / at 24 V	6 A
• at AC-12 / at 48 V	6 A
• at AC-12 / at 125 V	6 A
• at AC-12 / at 220/240 V	6 A
• at DC-12 / at 12 V	6 A
• at DC-12 / at 24 V	6 A
• at DC-12 / at 48 V	2.5 A
• at DC-12 / at 110 V	0.4 A
• at DC-12 / at 250 V	0.2 A
• at DC-13 / at 12 V	4 A
• at DC-13 / at 24 V	4 A
• at DC-13 / at 48 V	1 A
• at DC-13 / at 110 V	0.2 A
• at DC-13 / at 250 V	0.1 A
• at AC-15 / at 12 V	6 A
• at AC-15 / at 24 V	6 A
• at AC-15 / at 48 V	6 A
• at AC-15 / at 125 V	5 A
• at AC-15 / at 220/240 V	4 A
Mechanical Design	
height	170 mm
width	120 mm
depth	12 mm
Net Weight	28.5 g

tightening torque / with screw-type terminals / minimum	0.7 N·m
tightening torque / with screw-type terminals / maximum	0.9 N·m
<b>Connections according IEC</b>	
stripped length	8 mm
connectable conductor cross-section	0.5 ... 1
<ul style="list-style-type: none"> <li>• minimum</li> <li>• maximum</li> </ul>	
AWG number / as coded connectable conductor cross section / for auxiliary contacts	
<ul style="list-style-type: none"> <li>• minimum</li> <li>• maximum</li> </ul>	20 17

<b>Connections according UL</b>	
stripped length [in]	0.31 in
tightening torque [lbf-in] / with screw-type terminals / minimum	6.2 lbf-in
tightening torque [lbf-in] / with screw-type terminals / maximum	8 lbf-in
ambient temperature / during operation	
<ul style="list-style-type: none"> <li>• minimum</li> <li>• maximum</li> </ul>	-40 °C 125 °C
ambient temperature / during storage	
<ul style="list-style-type: none"> <li>• minimum</li> <li>• maximum</li> </ul>	-40 °C 80 °C

**Certificates**

General Product Approval	EMV	Test Certificates
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EG-Konf.



[Miscellaneous](#)



RCM

[Type Test Certificates/Test Report](#)

Maritime application	other	Environment
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LRS

[Confirmation](#)

[Miscellaneous](#)



[Environmental Confirmations](#)

[Environmental Confirmations](#)

**Further information**

Information on the packaging

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

Information for data generation and storage

<https://support.industry.siemens.com/cs/ww/en/view/109995012>

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

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

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3VA9603-0KB00>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3VA9603-0KB00>

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

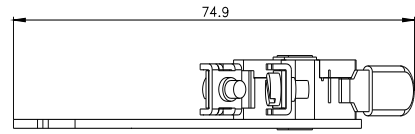
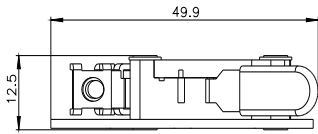
[https://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3VA9603-0KB00](https://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3VA9603-0KB00)

CAX-Online-Generator

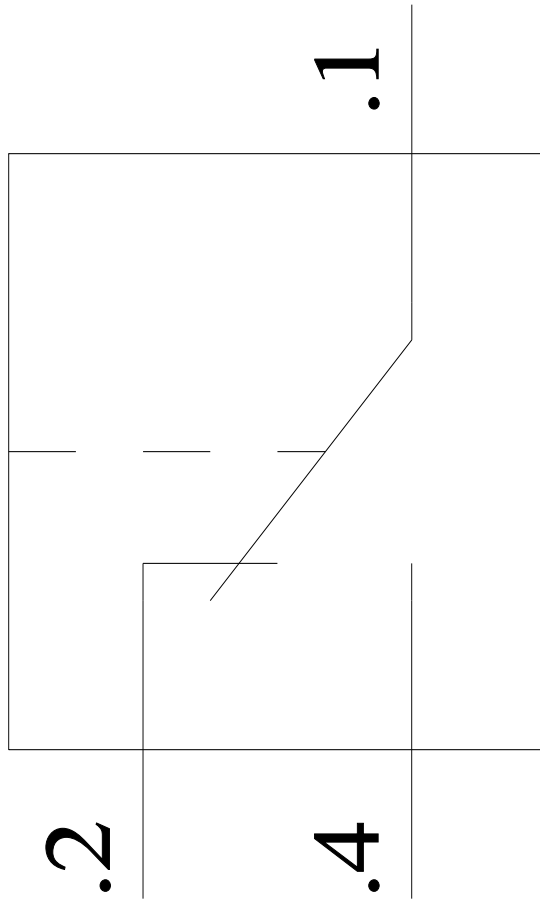
<https://www.siemens.com/cax>

Tender specifications

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



**-K**



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