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Data sheet 3VA9603-0KB00

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



Model	
product brand name	SENTRON
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
ambient temperature / during operation	
● minimum	-40 °C

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• maximum	125 °C
ambient temperature / during storage	
• minimum	-40 °C
• maximum	80 °C
tightening torque / with screw-type terminals / minimum	0.7 N·m
tightening torque / with screw-type terminals / maximum	0.9 N·m
ambient temperature / during storage	
• minimum	-40 °C
• maximum	80 °C

Connections according IEC

stripped length	8 mm
connectable conductor cross-section	
• minimum	0.5 ... 1
• maximum	
AWG number / as coded connectable conductor cross section / for auxiliary contacts	
• minimum	20
• maximum	17

Connetctions according UL

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

Certificates

General Product Approval				EMV	Test Certificates
CE EG-Konf.	UKCA	Miscellaneous	EAC	RCM	Type Test Certificates/Test Report

Marine / Shipping	other			Environment	
Lloyd's Register LRS	Miscellaneous	Confirmation	Miscellaneous	EPD	Environmental Confirmations

Environment

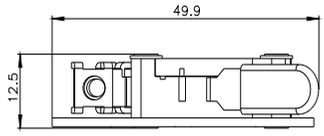
Environmental Confirmations

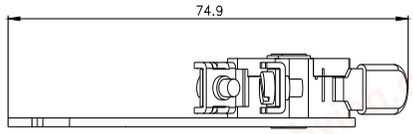
Further information

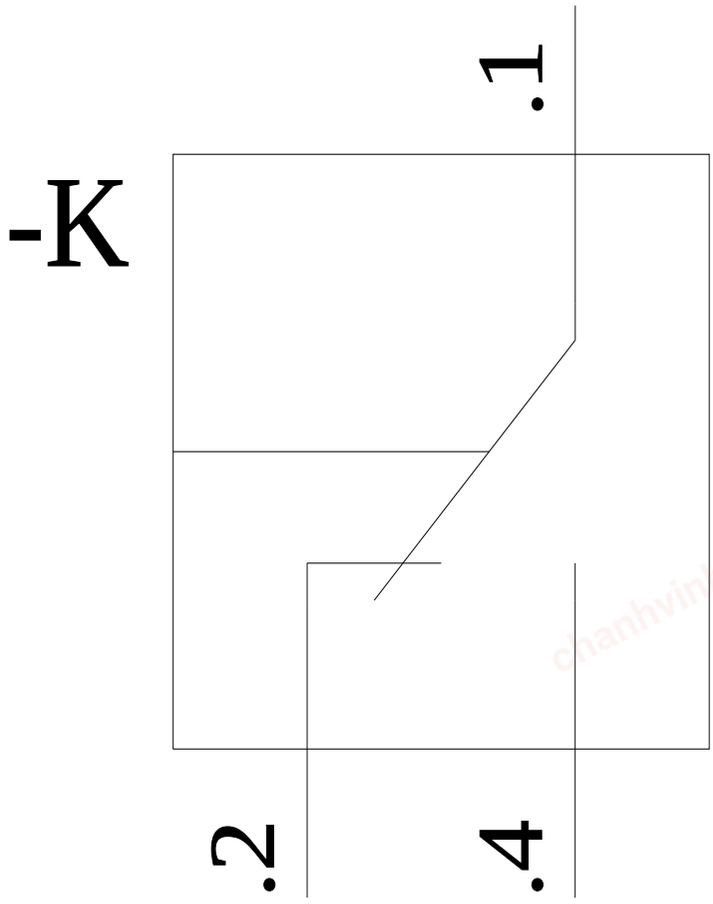
Information on the packaging
https://support.industry.siemens.com/cs/ww/en/view/109813875
Information- and Downloadcenter (Catalogs, Brochures,…)
http://www.siemens.com/lowvoltage/catalogs
Industry Mall (Online ordering system)
https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3VA9603-0KB00
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, ...)
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3VA9603-0KB00
CAx-Online-Generator
http://www.siemens.com/cax
Tender specifications
http://www.siemens.com/specifications

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