SIEMENS

Data sheet 3VA9978-0AA13



auxiliary switch changeover contacts Type HQ (7 mm) electronic-comp. accessory for: 3VA4/5/6

Model	
product brand name	SENTRON
product designation	auxiliary switch
accessories	Auxiliary switch
General technical data	
degree of pollution	3
overvoltage category	III
Voltage	
surge voltage resistance	4 kV
operating voltage / at AC / according to CSA and UL	24 V
operating voltage / at DC / according to CSA and UL	24 V
operating voltage / at AC / at 50 Hz / rated value / minimum	24 V
operating voltage / at DC / rated value / minimum	24 V
Current	
thermal current	0.3 A
operational current	
● at AC-12 / at 12 V	0.3 A
● at AC-12 / at 24 V	0.3 A
● at DC-12 / at 12 V	0.1 A
● at DC-12 / at 24 V	0.1 A
● at DC-13 / at 12 V	0.07 A
● at DC-13 / at 24 V	0.07 A
● at AC-15 / at 12 V	0.3 A
● at AC-15 / at 24 V	0.3 A
Mechanical Design	
Net Weight	27 g
tightening torque / with screw-type terminals / minimum	0.4 N·m
tightening torque / with screw-type terminals / maximum	0.5 N·m
Connections according IEC	
stripped length	15 mm
connectable conductor cross-section	
● minimum	0.5 ... 1.5
● maximum	
AWG number / as coded connectable conductor cross section / for auxiliary contacts	
● minimum	20
● maximum	16
Connetctions according UL	
stripped length [in]	0.6 in

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tightening torque [lbf·in] / with screw-type terminals / minimum	3.5 lbf·in
tightening torque [lbf·in] / with screw-type terminals / maximum	4.4 lbf·in

Certificates

General Product Approval






Miscellaneous



Confirmation

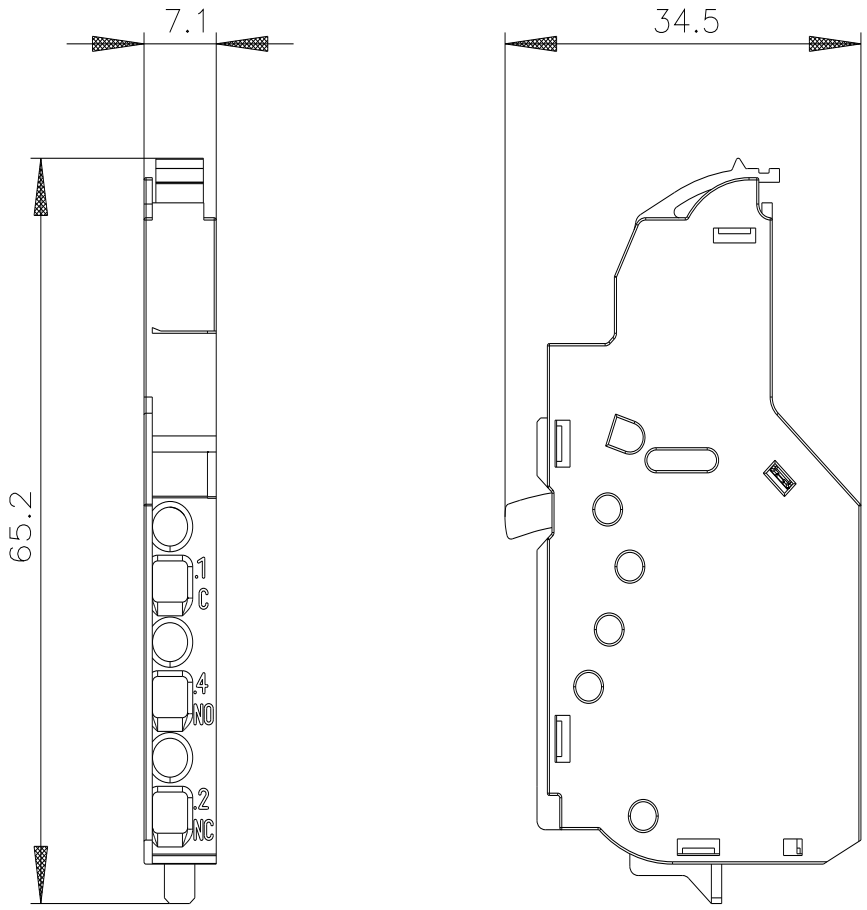
General Product Approval	EMV	Test Certificates	Maritime application	other
 		Type Test Certific-ates/Test Report		Miscellaneous

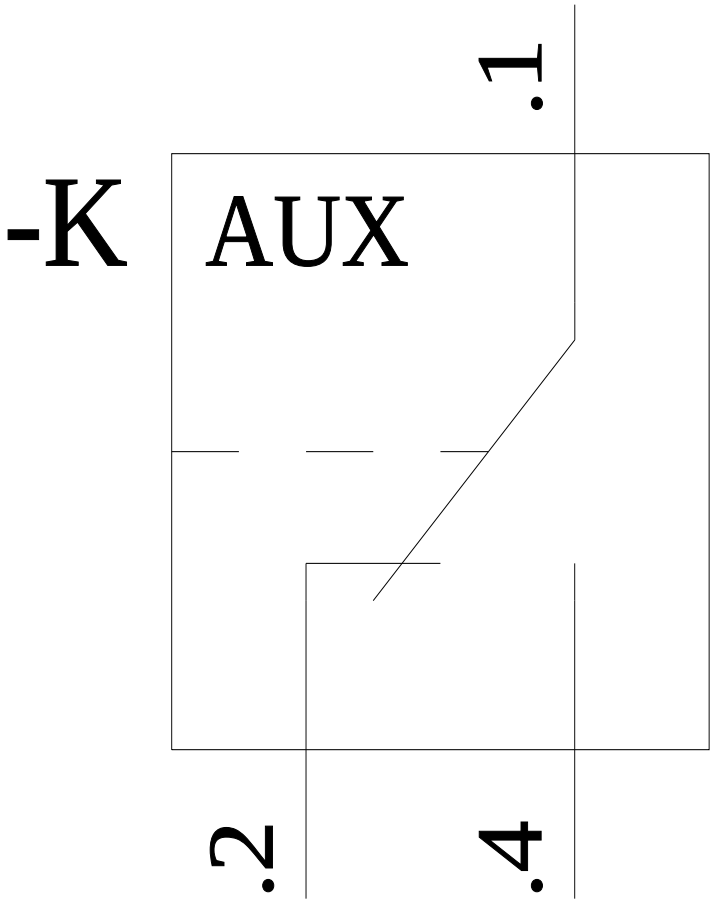
other	Environment	
Confirmation	Environmental Con-firmations	Environmental Con-firmations

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=3VA9978-0AA13
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3VA9978-0AA13
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)
https://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3VA9978-0AA13
CAx-Online-Generator
https://www.siemens.com/cax
Tender specifications
https://www.siemens.com/specifications

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