SIEMENS

Data sheet

3VA9978-0AA12



auxiliary switch changeover contacts Type HQ (7 mm) 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	300 V
operating voltage / at DC / according to CSA and UL	250 V
operating voltage / at AC / at 50 Hz / rated value / minimum	240 V
operating voltage / at DC / rated value / minimum	250 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	4 A
• at DC-12 / at 48 V	2 A
• at DC-12 / at 110 V	0.5 A
• at DC-12 / at 250 V	0.25 A
• at DC-13 / at 12 V	1 A
• at DC-13 / at 24 V	0.8 A
• at DC-13 / at 48 V	0.4 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	3 A
• at AC-15 / at 24 V	3 A
• at AC-15 / at 48 V	3 A
• at AC-15 / at 125 V	3 A
• at AC-15 / at 220/240 V	3 A
Mechanical Design	
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 of for auxiliary contacts	cross section /				
• minimum		20			
• maximum		16			
Connetctions according UL					
stripped length [in]		0.6 in			
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					
CE UK EG-Konf.		(UL)	DE	<u>Miscellaneous</u>	
General Product Approval	EMV	Test Certificates	Marine / Shipping	other	
EAC	Ø	Type Test Certific- ates/Test Report	Lloyd's Register	<u>Miscellaneous</u>	



RCM

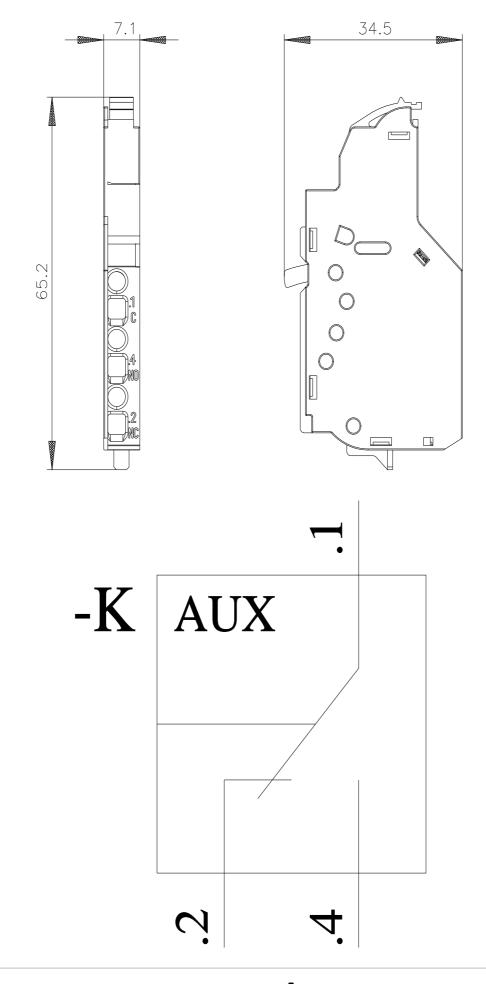
Miscellaneous Environmental Confirmations

Environment

other

Environmental Con**firmations**

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=3VA9978-0AA12 Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3VA9978-0AA12 Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb =3VA9978-0AA12 CAx-Online-Generator http://www.siemens.com/cax **Tender specifications** http://www.siemens.com/specifications



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