## **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 cross section / for auxiliary contacts	
• 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	











**Miscellaneous** 

General	Product	Approvai
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EMV

**Test Certificates** 

Marine / Shipping

other

<u>KC</u>





Type Test Certificates/Test Report



Confirmation

other

Environment

Miscellaneous

**Miscellaneous** 

Environmental Confirmations Environmental Confirmations

## Further information

Information on the packaging

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

 $Information-\ and\ Download center\ (Catalogs,\ Brochures,...)$ 

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

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

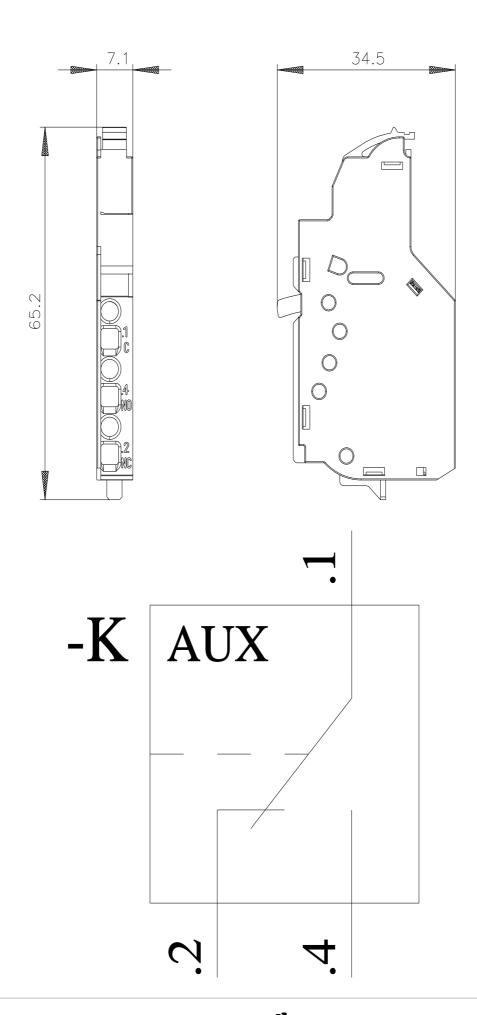
http://www.automation.siemens.com/bilddb/cax\_en.aspx?mlfb=3VA9978-0AA12

**CAx-Online-Generator** 

http://www.siemens.com/cax

Tender specifications

http://www.siemens.com/specifications



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