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 Approval

EMV

Test Certificates

Marine / Shipping

other

<u>KC</u>





Type Test Certificates/Test Report



Confirmation

other

Miscellaneous

Miscellaneous

Environmental Confirmations

Environment

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,...)

 $\underline{https://support.industry.siemens.com/cs/ww/en/ps/3VA9978-0AA12}$

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

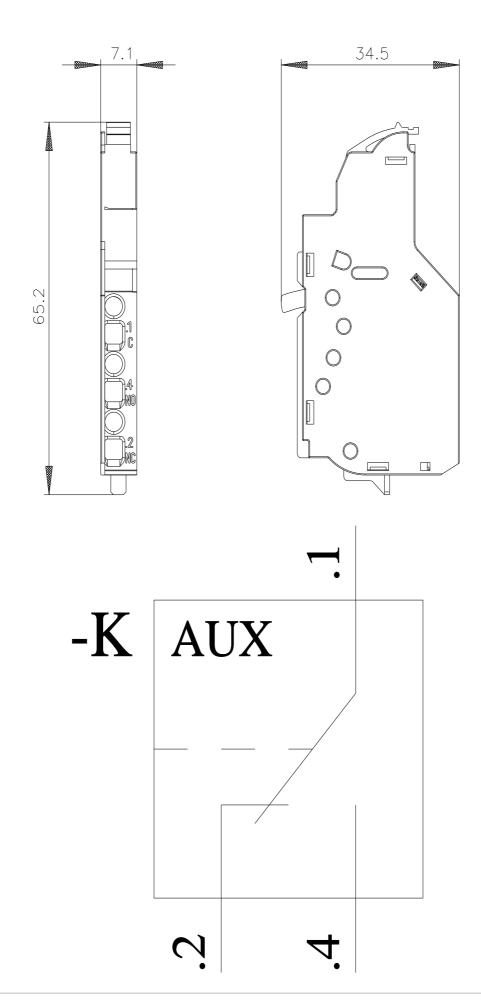
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3VA9978-0AA12

CAx-Online-Generator

http://www.siemens.com/cax

Tender specifications

http://www.siemens.com/specifications



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