SIEMENS

Data sheet 3VA9988-0AA12

AUXILIARY SWITCH CHANGEOVER CONTACTS TYPE HQ (7MM)
ACCESSORY FOR 3VA1 and 3VA20 up to 3VA25

Model	
Product brand name	SENTRON
Product designation	auxiliary switch
Product version	Accessories for 3VA circuit breakers
Accessories	Auxiliary switch

General technical data	
Degree of pollution	3
Overvoltage category	III

Voltage	
Rated insulation voltage Ui	690 V
Rated impulse withstand voltage	4 kV
Rated operational voltage Ue at AC 50 Hz	240 V
Rated operational voltage Ue with DC	250 V

Current	
Thermal current limit Ith	6 A
Operating current	
• at AC-12 / at 12 V	6 A
• at AC-12 / at 24 V	6 A

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• at AC-12 / at 48 V	6 A
• at AC-12 / at 110 V	6 A
• at AC-12 / at 230 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 230 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 220 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 110 V	3 A
• at AC-15 / at 230 V	3 A

Mechanical Design

Height	56 mm
Width	7 mm
Width / Note	1 slot (7 mm)
Depth	30 mm
Net weight	30 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

Wire stripping length	15 mm
AWG number / as coded connectable conductor cross section / for auxiliary contacts	
• minimum	20
• maximum	16

Connetctions according UL

Wire stripping 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

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General Product Approval					EMC
CCC	VDE	KC	Miscellaneous	EAC	RCM

Declaration of Conformity	Test Certificates	Shipping Approval	other	
EG-Konf.	Type Test Certificates/Test Report	LRS	Manufacturer Declaration	Miscellaneous

Further information

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=3VA9988-0AA12

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3VA9988-0AA12

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3VA9988-0AA12

CAx-Online-Generator
http://www.siemens.com/cax

Tender specifications
http://www.siemens.com/specifications

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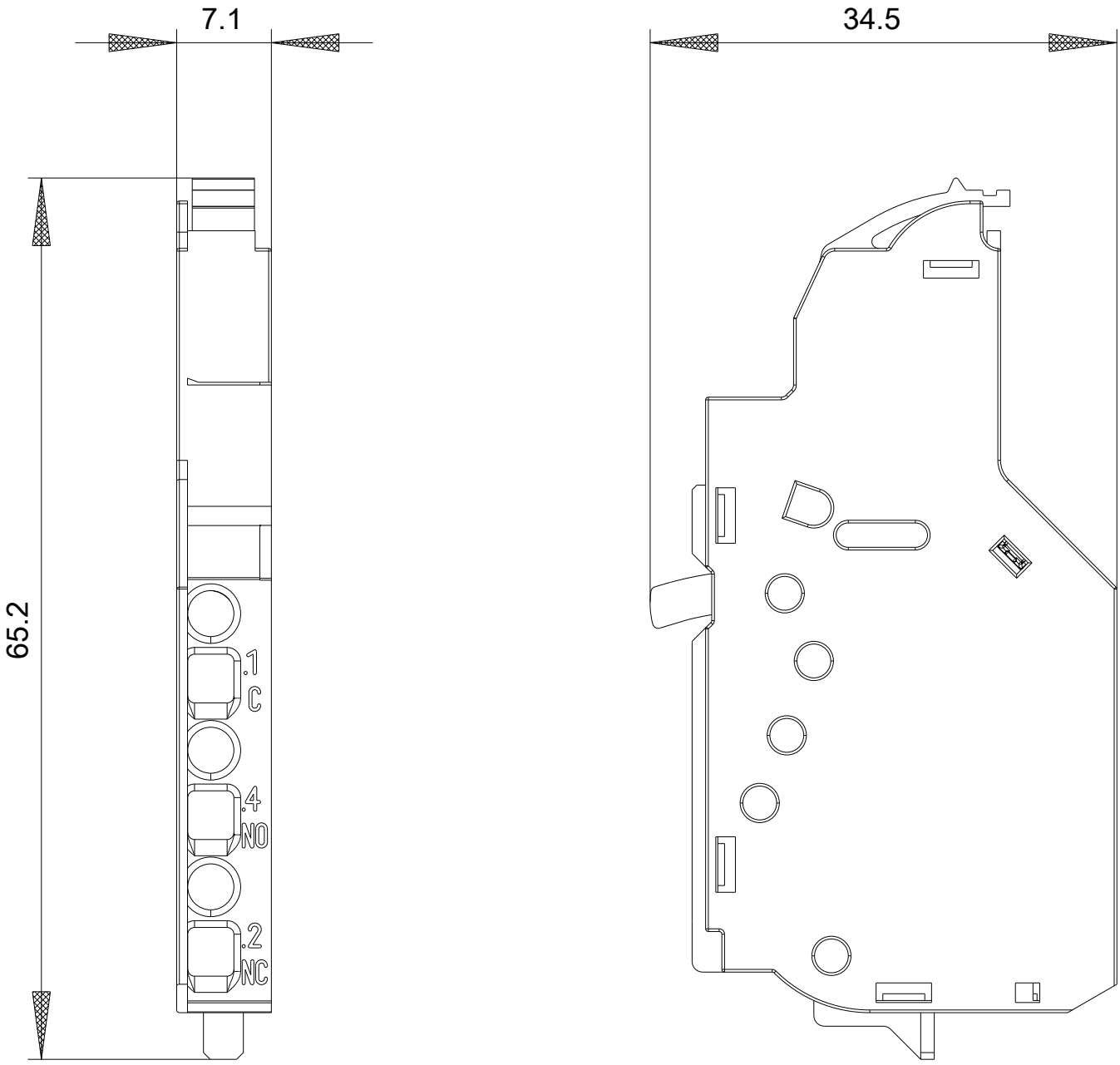

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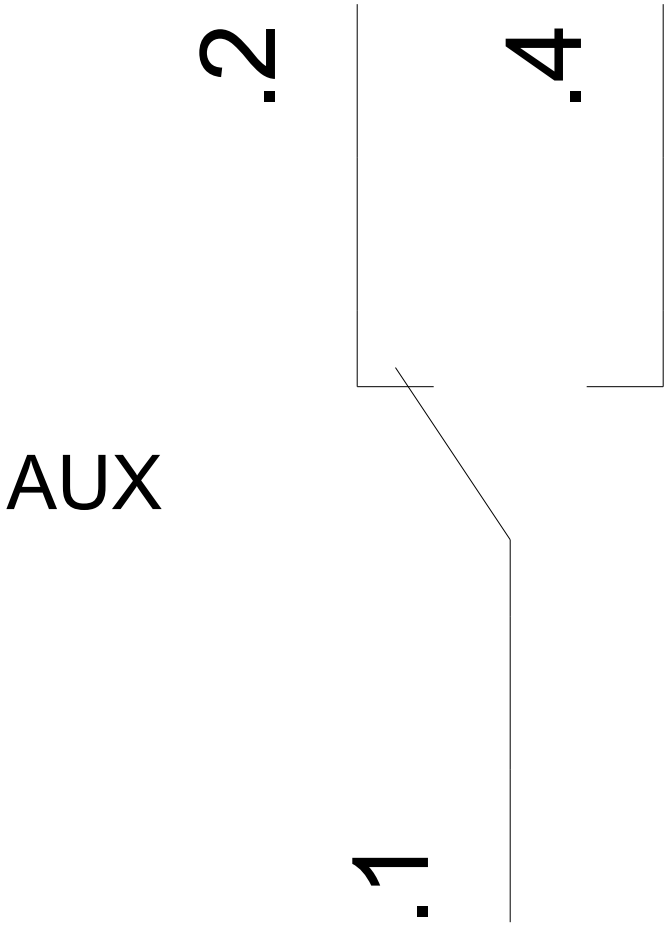

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last modified: 10/03/2019

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