

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



Model	
Product brand name	SETRON
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 $U_i$	690 V
Rated impulse withstand voltage	4 kV
Rated operational voltage $U_e$ at AC 50 Hz	240 V
Rated operational voltage $U_e$ with DC	250 V
Electricity	
Thermal current limit $I_{th}$	6 A
Operating 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 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

#### Connections 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

General Product Approval	EMC	Declaration of Conformity
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CCC



VDE

[Miscellaneous](#)



RCM



EG-Konf.

Test Certificates	Shipping Approval	other	
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[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, ...)

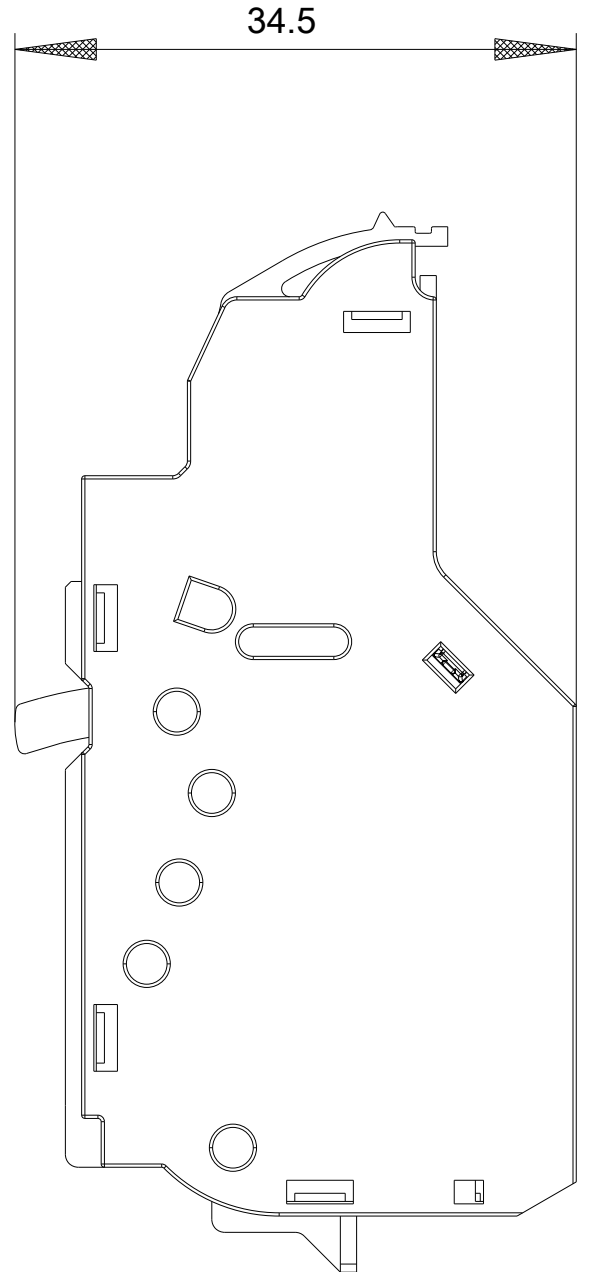
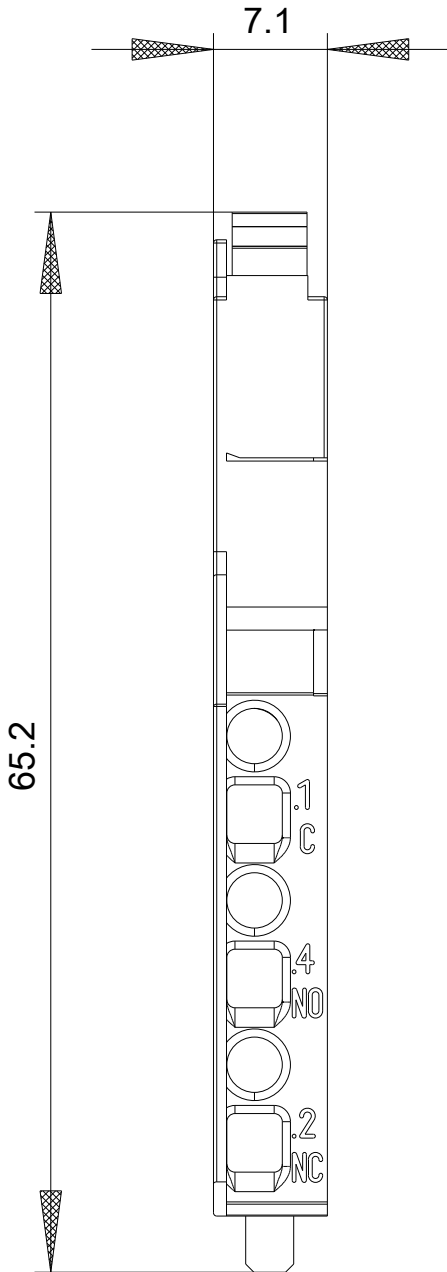
[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3VA9988-0AA12](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3VA9988-0AA12)

### CAX-Online-Generator

<http://www.siemens.com/cax>

### Tender specifications

<http://www.siemens.com/specifications>

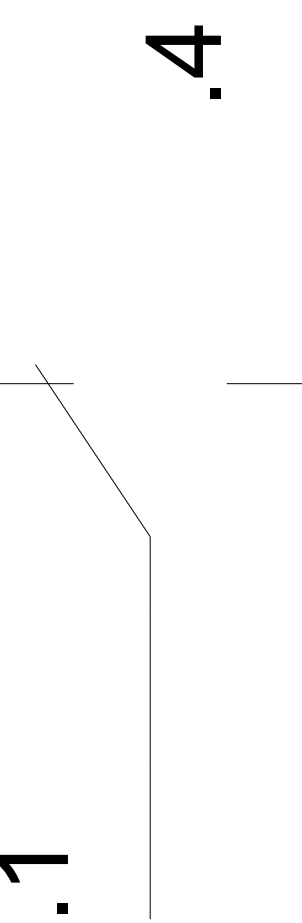


AUX

2.

4.

1.



**last modified:**

02/28/2019