

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



Model	
Product brand name	SETRON
Product designation	Leading auxiliary switch
Product version	Accessories for 3VA circuit breakers
Accessories	Leading auxiliary switch
General technical data	
Degree of pollution	3
Overvoltage category	III
Lead time / relating to main contacts	20 ms
Voltage	
Rated insulation voltage U_i	690 V
Rated impulse withstand voltage	4 kV
Rated operational voltage U_e at AC 50 Hz	24 V
Rated operational voltage U_e with DC	24 V
Current	
Thermal current limit I_{th}	0.3 A
Operating current	
• at AC-12 / at 12 V	0.3 A

• at AC-12 / at 24 V	0.3 A
• at DC-12 / at 12 V	0.1 A
• at DC-12 / at 24 V	0.1 A
• at DC-13 / at 12 V	0.07 A
• at DC-13 / at 24 V	0.07 A
• at AC-15 / at 12 V	0.3 A
• at AC-15 / at 24 V	0.3 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

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
 CCC	 VDE	 EAC	 RCM
Miscellaneous		 EG-Konf.	

Test Certificates	Shipping Approval	other	
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=3VA9988-0AA23>

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3VA9988-0AA23>

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

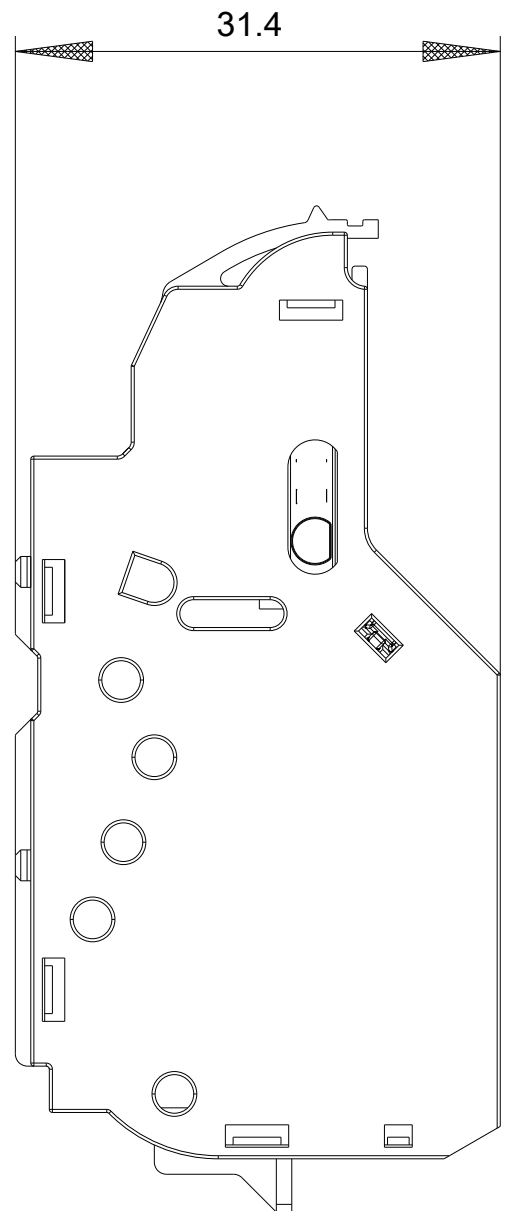
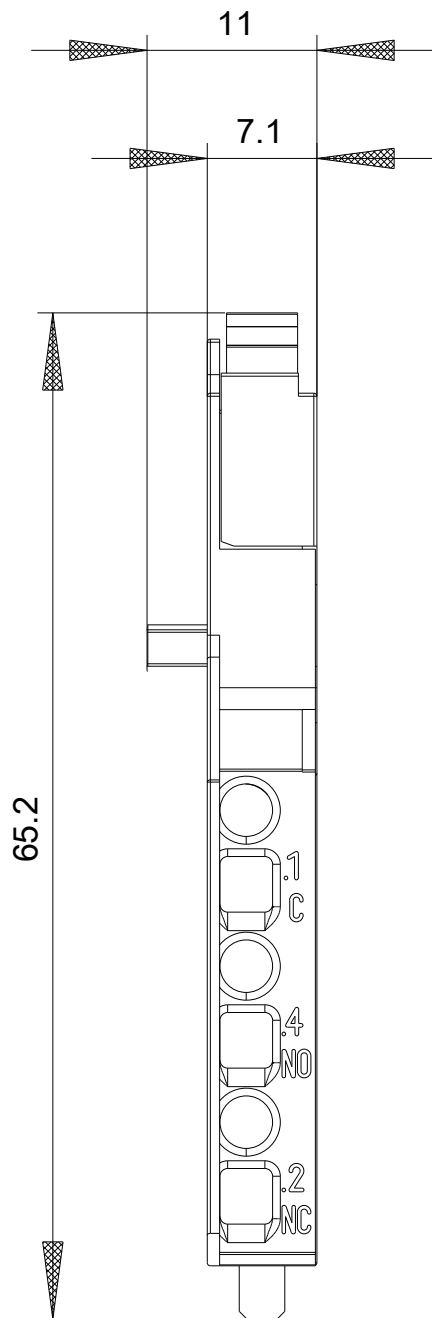
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3VA9988-0AA23

CAX-Online-Generator

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

Tender specifications

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



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4.

1.

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