

electrical alarm switch changeover contacts type HQ (7mm)
accessory for: 3VA1/2 breaker



Model	
Product brand name	SETRON
Product designation	Electrical alarm switch
Design of the product	Accessories for 3VA circuit breakers
accessories	Electrical alarm switch
General technical data	
Degree of pollution	3
Overvoltage category	III
Voltage	
Tension assignée d'isolement Ui	690 V
Tension assignée de tenue aux chocs	4 kV
Rated operational voltage Ue at AC 50 Hz	240 V
Rated operational voltage Ue with DC	250 V
Electricity	
Thermal current	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
Connectable conductor cross-section	
• minimum	0.5 mm ²
• maximum	1.5 mm ²
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



CCC



VDE

[Miscellaneous](#)



RCM



EG-Konf.

Test Certificates

other

[Type Test Certificates/Test Report](#)

[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=3VA9988-0AB22>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3VA9988-0AB22>

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

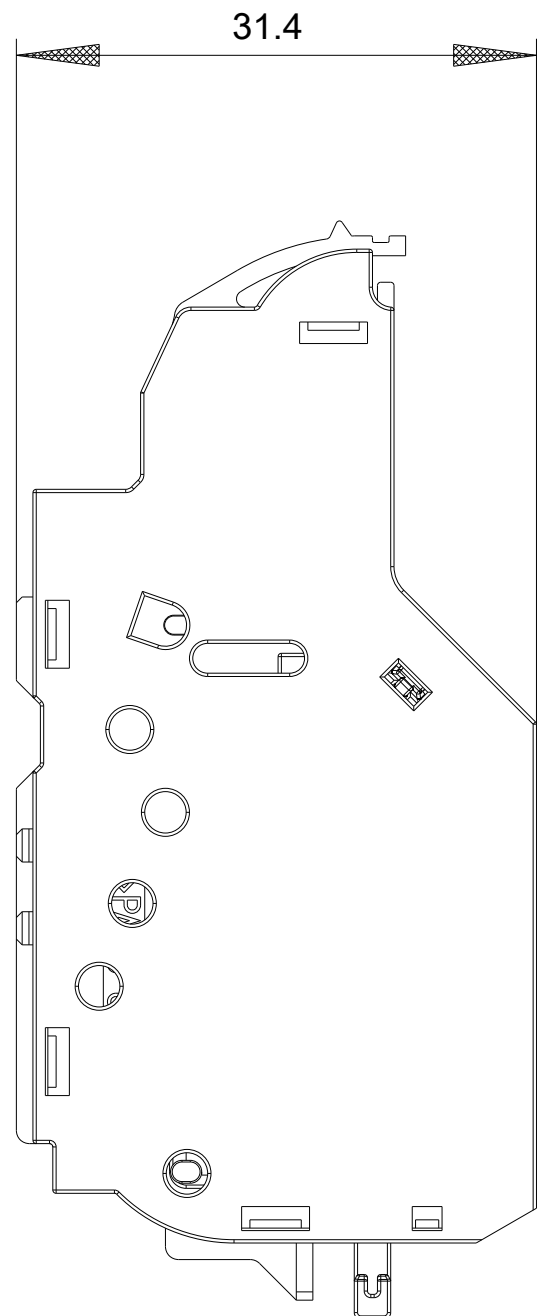
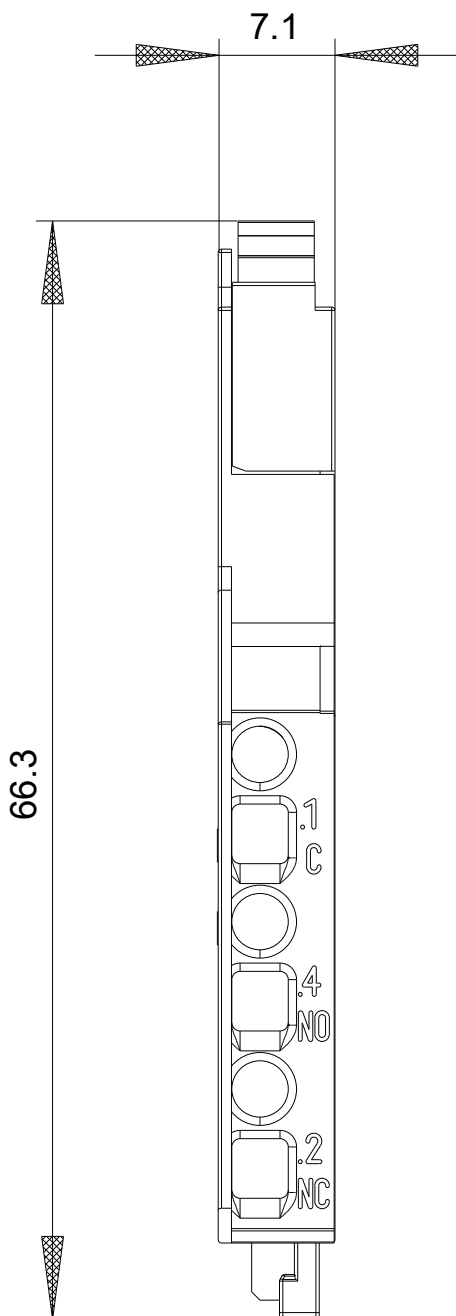
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3VA9988-0AB22

CAX-Online-Generator

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

Tender specifications

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



2.

4.

EAS

1.

last modified:

10/30/2018