

leading changeover switch changeover contacts type HP (14mm)
accessory for: 3VA4/5/6



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
Operating voltage / at AC / acc. to CSA and UL	600 V
Operating voltage / at DC / acc. to CSA and UL	250 V
Rated operational voltage U_e at AC 50 Hz	600 V
Rated operational voltage U_e with DC	250 V
Current	
Thermal current limit I_{th}	10 A

Operating current	
• at AC-12 / at 12 V	10 A
• at AC-12 / at 24 V	10 A
• at AC-12 / at 48 V	10 A
• at AC-12 / at 110 V	10 A
• at AC-12 / at 230 V	10 A
• at AC-12 / at 400 V	6 A
• at AC-12 / at 600 V	2 A
• at DC-12 / at 12 V	6 A
• at DC-12 / at 24 V	6 A
• at DC-12 / at 48 V	2 A
• at DC-12 / at 110 V	0.6 A
• at DC-12 / at 230 V	0.3 A
• at DC-13 / at 12 V	3 A
• at DC-13 / at 24 V	3 A
• at DC-13 / at 48 V	0.8 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	6 A
• at AC-15 / at 24 V	6 A
• at AC-15 / at 48 V	6 A
• at AC-15 / at 110 V	6 A
• at AC-15 / at 230 V	6 A
• at AC-15 / at 400 V	2 A
• at AC-15 / at 600 V	0.6 A

Mechanical Design

Width / Note	2 slots (14 mm)
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	19
• maximum	14

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



CCC



CSA



UL



VDE

[KC](#)

[Miscellaneous](#)

General
Product Ap-
proval

EMC

Declaration of
Conformity

Shipping Ap-
proval

other



RCM



EG-Konf.



LRS

[Manufacturer De-
claration](#)

[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=3VA9978-0AA21>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3VA9978-0AA21>

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

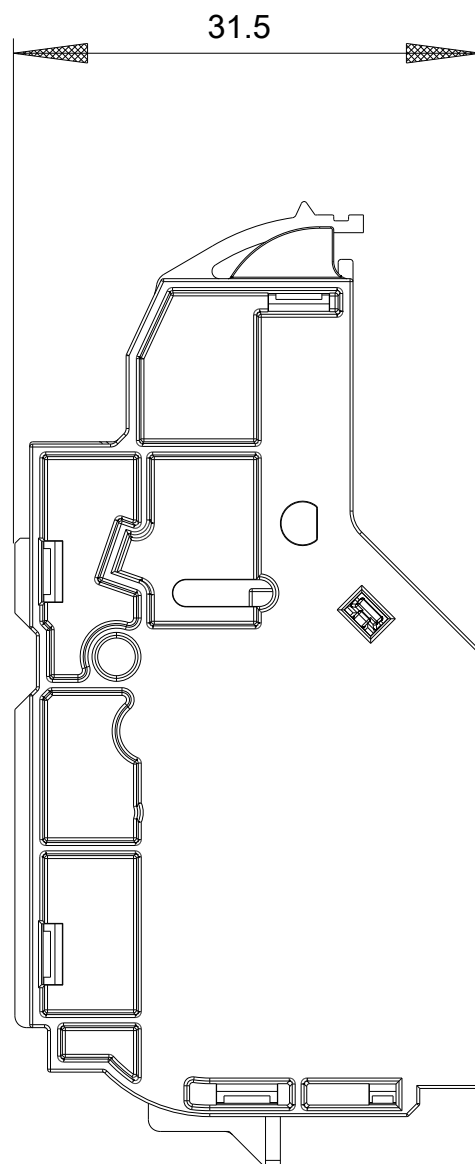
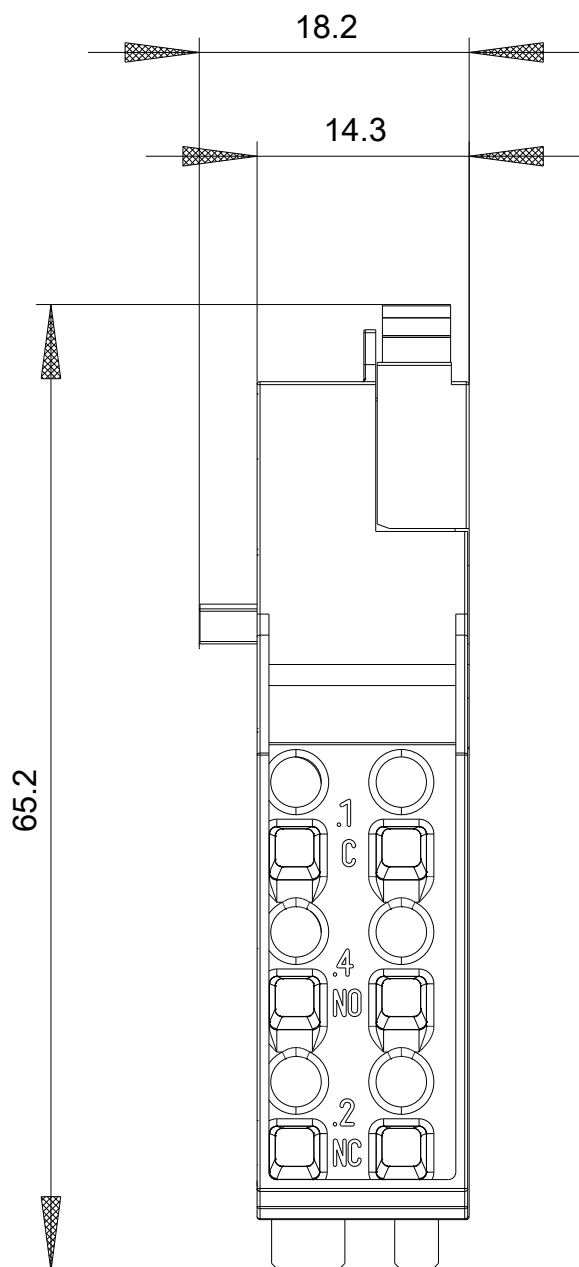
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3VA9978-0AA21

CAX-Online-Generator

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

Tender specifications

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



LCS

2.

4.

1.

last modified:

05/09/2020