

AUXILIARY SWITCH CHANGEOVER CONTACTS TYPE HP  
(14MM) 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             | 6 kV                                 |
| Rated operational voltage $U_e$ at AC 50 Hz | 600 V                                |
| Rated operational voltage $U_e$ with DC     | 250 V                                |
| Electricity                                 |                                      |
| 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

|   |                 |
|---|-----------------|
| Height  | 56 mm           |
| Width   | 14 mm           |
| Width / Note  | 2 slots (14 mm) |
| Depth   | 30 mm           |
| Net weight  | 40 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  | 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 | EMC | Declaration of Conformity |
|--------------------------|-----|---------------------------|



[Miscellaneous](#)



|                   |                   |       |
|-------------------|-------------------|-------|
| 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=3VA9988-0AA11>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3VA9988-0AA11>

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

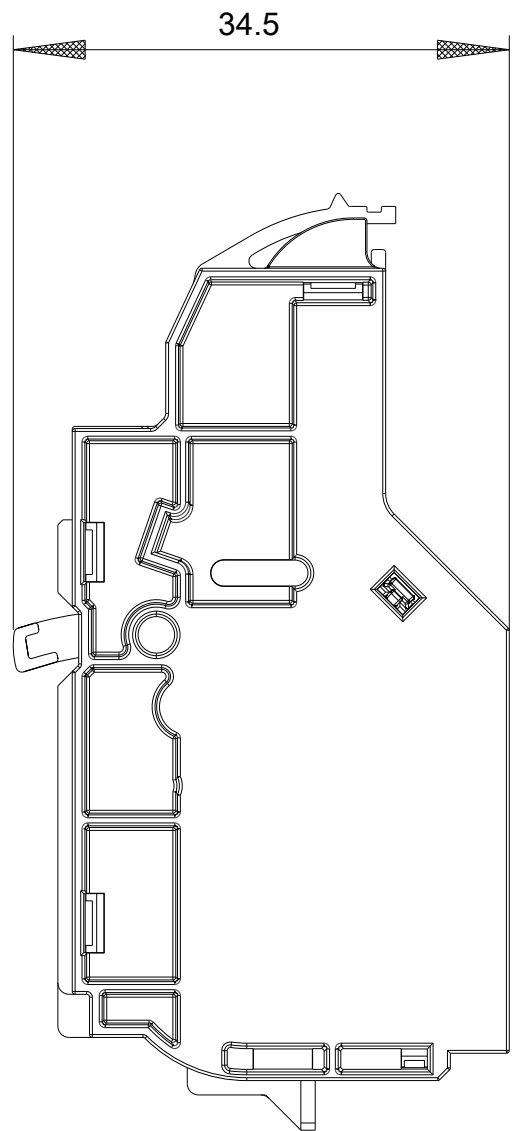
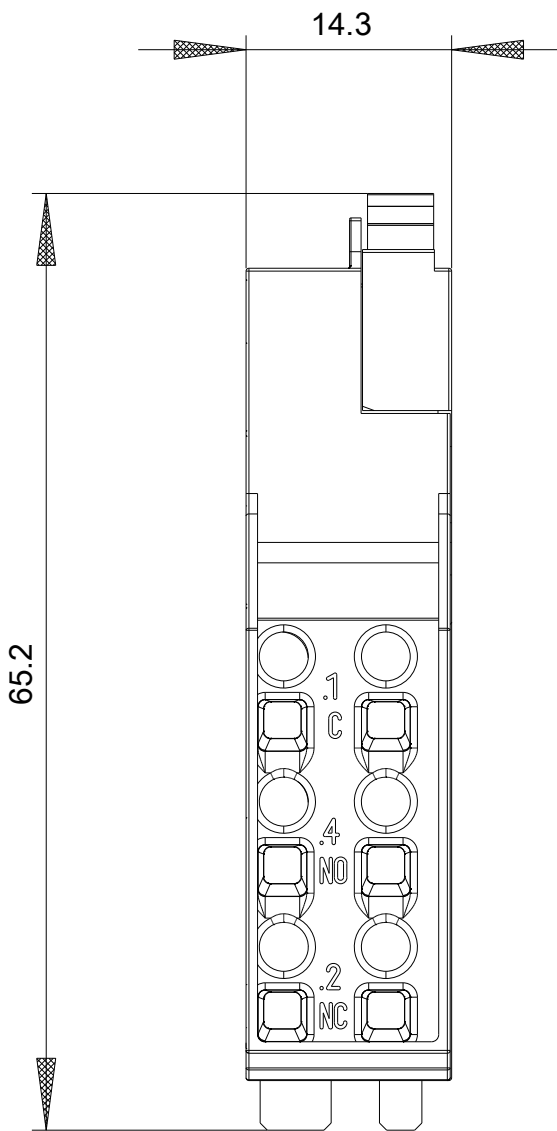
[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3VA9988-0AA11](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3VA9988-0AA11)

**CAX-Online-Generator**

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

**Tender specifications**

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

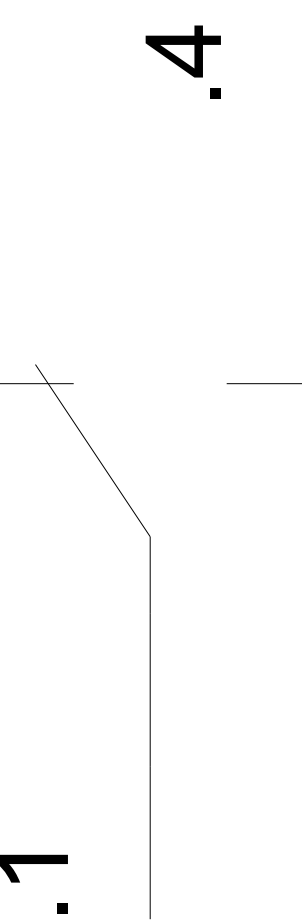


AUX

2.

4.

1.



**last modified:**

02/28/2019