

TRIP ALARM SWITCH CHANGEOVER CONTACTS TYPE HP  
(14MM) ACCESSORY FOR 3VA4/5/6-BREAKER



| Model  |                                      |
|--|--------------------------------------|
| Product brand name                             | SENTRON                              |
| Product designation                            | Tripped signaling switch             |
| Design of the product                          | Accessories for 3VA circuit breakers |
| accessories                                    | Tripped signaling switch             |
| General technical data                         |                                      |
| Degree of pollution                            | 3                                    |
| Overvoltage category                           | III                                  |
| Voltage  |                                      |
| Tension assignée d'isolement $U_i$             | 690 V                                |
| Tension assignée de tenue aux chocs            | 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                                |
| Electricity                                    |                                      |
| Thermal current                                | 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                |
| Connectable conductor cross-section  |                      |
| • minimum  | 0.75 mm <sup>2</sup> |
| • maximum  | 2.5 mm <sup>2</sup>  |
| 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  | other  |
|---|---|--|--|
| <br>CSA        | <br>UL | <br>EAC | <br>RCM |
| <br>EG-Konf. |   |  | <a href="#">Miscellaneous</a>  |

## 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=3VA9978-0AB11>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3VA9978-0AB11>

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

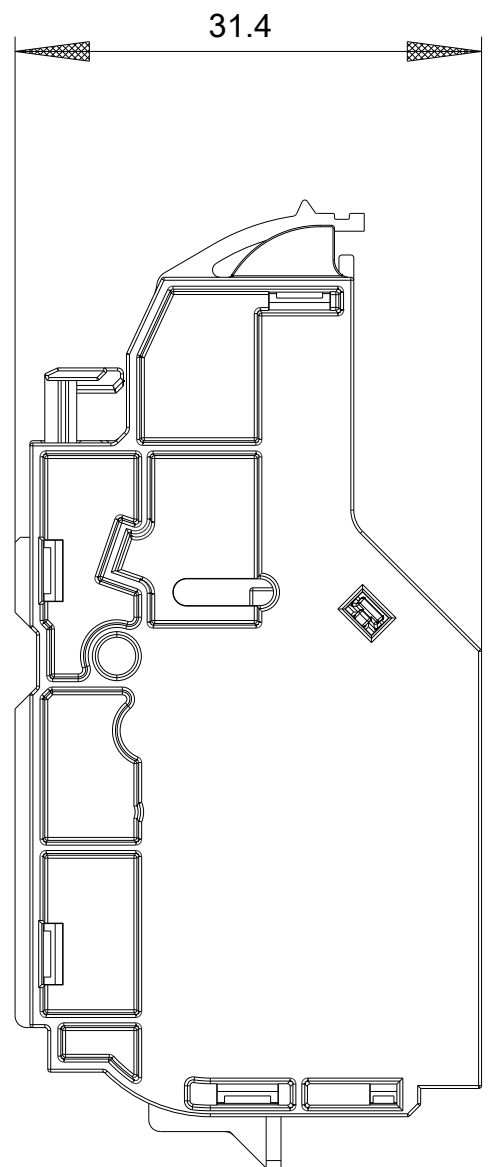
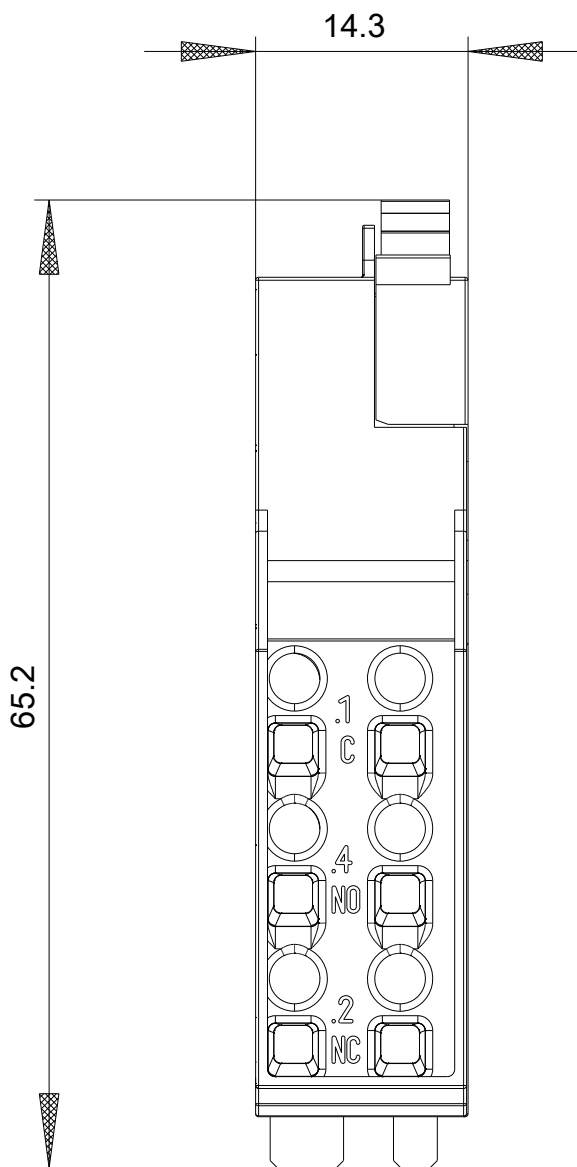
[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3VA9978-0AB11](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3VA9978-0AB11)

### CAX-Online-Generator

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

### Tender specifications

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



2.

4.

TAS

1.

**last modified:**

11/17/2017