



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

| Model                                                        |                  |
|--------------------------------------------------------------|------------------|
| product brand name                                           | SETRON           |
| product designation                                          | auxiliary switch |
| accessories                                                  | Auxiliary switch |
| General technical data                                       |                  |
| degree of pollution                                          | 3                |
| overvoltage category                                         | III              |
| Voltage                                                      |                  |
| surge voltage resistance                                     | 4 kV             |
| operating voltage / at AC / according to CSA and UL          | 600 V            |
| operating voltage / at DC / according to CSA and UL          | 250 V            |
| operating voltage / at AC / at 50 Hz / rated value / minimum | 600 V            |
| operating voltage / at DC / rated value / minimum            | 250 V            |
| Current                                                      |                  |
| thermal current                                              | 10 A             |
| operational 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 125 V                                        | 10 A             |
| • at AC-12 / at 220/240 V                                    | 10 A             |
| • at AC-12 / at 380/400 V                                    | 6 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 250 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 250 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 125 V                                        | 6 A              |
| • at AC-15 / at 220/240 V                                    | 6 A              |
| • at AC-15 / at 380/400 V                                    | 2 A              |

- at AC-15 / at 600 V

0.6 A

#### Mechanical Design

|                                                         |         |
|---------------------------------------------------------|---------|
| 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

|                                                                                    |              |
|------------------------------------------------------------------------------------|--------------|
| stripped length                                                                    | 15 mm        |
| connectable conductor cross-section                                                |              |
| • minimum                                                                          | 0.75 ... 2.5 |
| • maximum                                                                          |              |
| AWG number / as coded connectable conductor cross section / for auxiliary contacts |              |
| • minimum                                                                          | 19           |
| • maximum                                                                          | 14           |

#### Connections according UL

|                                                                  |            |
|------------------------------------------------------------------|------------|
| stripped 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



[Miscellaneous](#)

##### General Product Approval

##### EMV

##### Test Certificates

##### Marine / Shipping

##### other

[KC](#)



[Type Test Certificates/Test Report](#)



[Miscellaneous](#)

##### other

##### Environment

[Confirmation](#)

[Miscellaneous](#)

[Environmental Conformations](#)

[Environmental Conformations](#)

#### Further information

##### Information on the packaging

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

##### 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=3VA9978-0AA11>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3VA9978-0AA11>

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

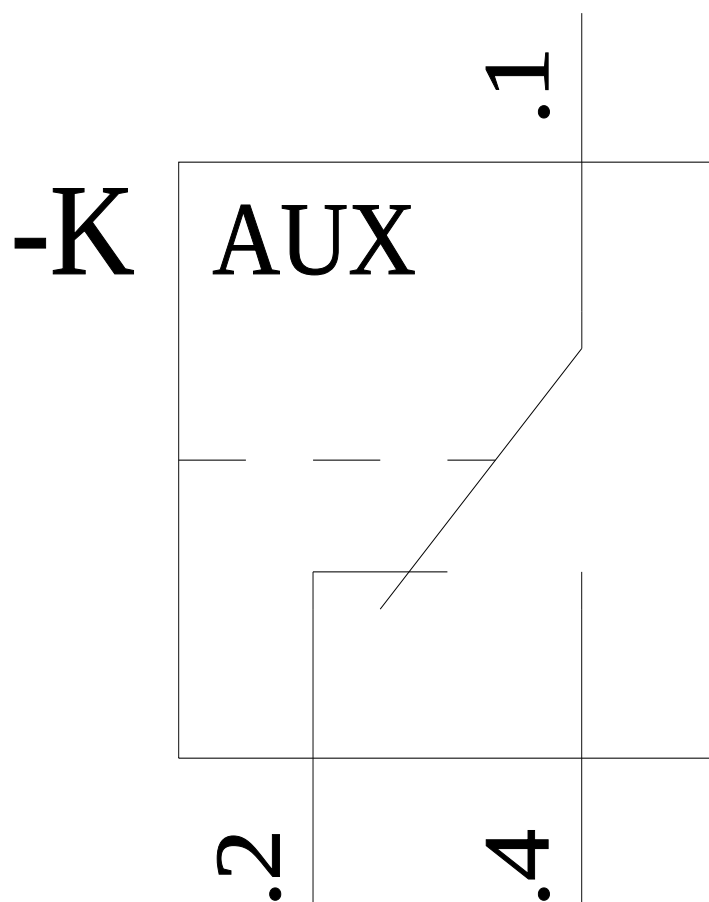
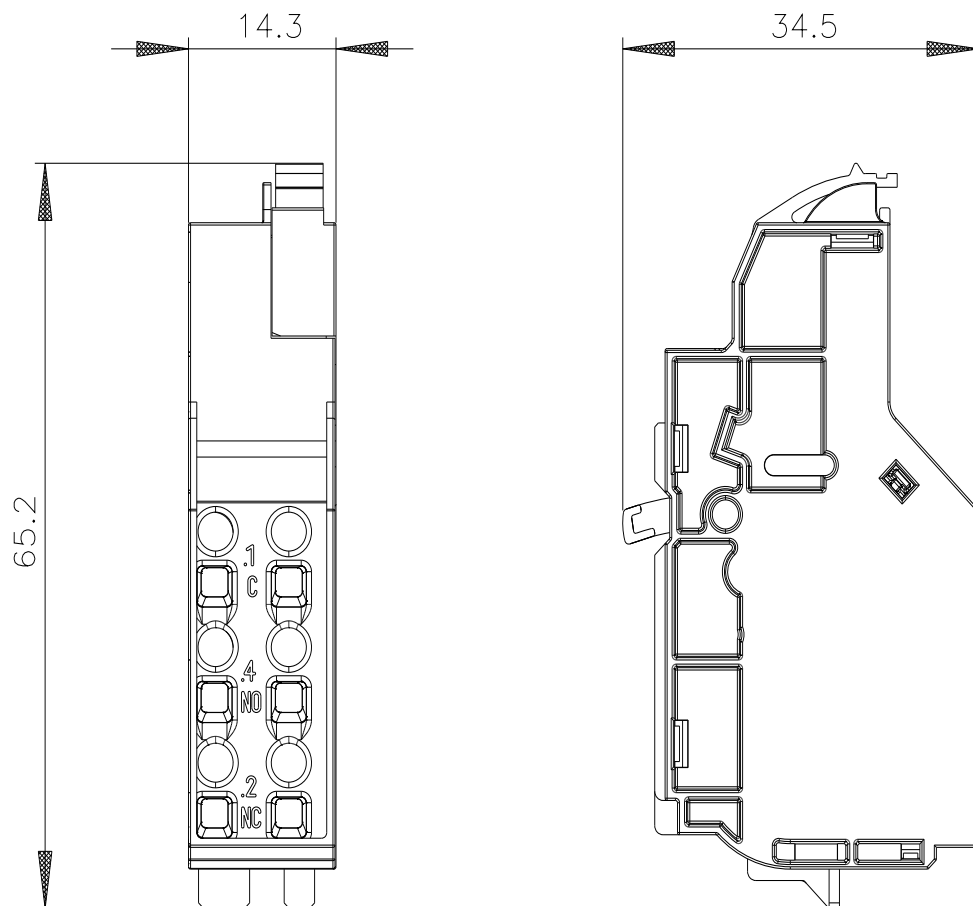
[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3VA9978-0AA11](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3VA9978-0AA11)

##### CAX-Online-Generator

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

##### Tender specifications

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



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