



trip alarm switch changeover contacts Type HQ (7 mm) electronic-comp. accessory for: 3VA4/5/6

| Model                                                                              |                          |
|------------------------------------------------------------------------------------|--------------------------|
| product brand name                                                                 | SETRON                   |
| product designation                                                                | Tripped signaling switch |
| accessories                                                                        | Tripped signaling 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                                | 24 V                     |
| operating voltage / at DC / according to CSA and UL                                | 24 V                     |
| operating voltage / at AC / at 50 Hz / rated value / minimum                       | 24 V                     |
| operating voltage / at DC / rated value / minimum                                  | 24 V                     |
| Current                                                                            |                          |
| thermal current                                                                    | 0.3 A                    |
| operational current                                                                |                          |
| • at AC-12 / at 12 V                                                               | 0.3 A                    |
| • at AC-12 / at 24 V                                                               | 0.3 A                    |
| • at DC-12 / at 12 V                                                               | 0.1 A                    |
| • at DC-12 / at 24 V                                                               | 0.1 A                    |
| • at DC-13 / at 12 V                                                               | 0.07 A                   |
| • at DC-13 / at 24 V                                                               | 0.07 A                   |
| • at AC-15 / at 12 V                                                               | 0.3 A                    |
| • at AC-15 / at 24 V                                                               | 0.3 A                    |
| Mechanical Design                                                                  |                          |
| Net Weight                                                                         | 27 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                                                          |                          |
| stripped length                                                                    | 15 mm                    |
| connectable conductor cross-section                                                |                          |
| • minimum                                                                          | 0.5 ... 1.5              |
| • maximum                                                                          |                          |
| AWG number / as coded connectable conductor cross section / for auxiliary contacts |                          |
| • minimum                                                                          | 20                       |
| • maximum                                                                          | 16                       |
| Connetctions 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](#)



[Confirmation](#)

| General Product Approval | EMV | Test Certificates | Maritime application | other |
|--------------------------|-----|-------------------|----------------------|-------|
|--------------------------|-----|-------------------|----------------------|-------|



[Type Test Certificates/Test Report](#)



[Miscellaneous](#)

| other | Environment |
|-------|-------------|
|-------|-------------|

[Confirmation](#)

[Environmental Confirmations](#)

[Environmental Confirmations](#)

#### Further information

##### Information on the packaging

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

##### Information for data generation and storage

<https://support.industry.siemens.com/cs/ww/en/view/109995012>

##### Information- and Downloadcenter (Catalogs, Brochures,...)

<https://www.siemens.com/lowvoltage/catalogs>

##### Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3VA9978-0AB13>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3VA9978-0AB13>

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

[https://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3VA9978-0AB13](https://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3VA9978-0AB13)

##### CAX-Online-Generator

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

##### Tender specifications

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



