



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



[Type Test Certificates/Test Report](#)



[Miscellaneous](#)

[Confirmation](#)

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

[Miscellaneous](#)

[Environmental Confirmations](#)

[Environmental Confirmations](#)

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=3VA9978-0AB13>

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, ...)

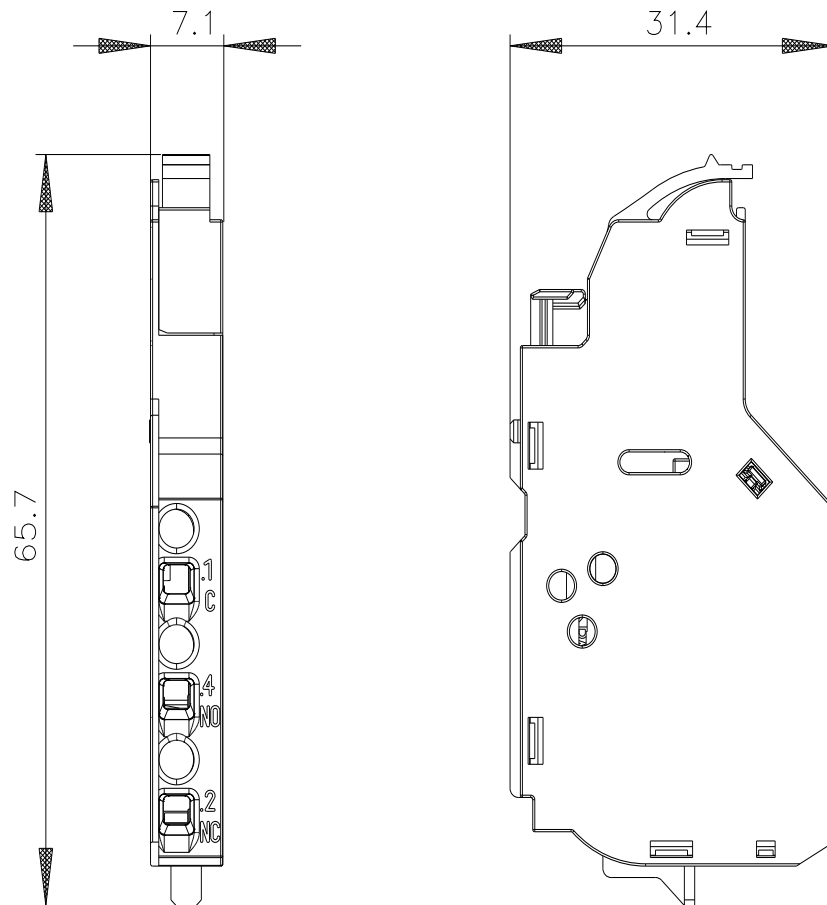
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3VA9978-0AB13

CAX-Online-Generator

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

Tender specifications

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



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2.

4.

last modified:

12/20/2020

