



LEADING CHANGEOVER SWITCH CHANGEOVER CONTACTS Type HQ (7mm)  
ELECTRONIC ACCESSORY FOR 3VA1 and 3VA20 up to 3VA25

| Model                                                                              |                                      |
|------------------------------------------------------------------------------------|--------------------------------------|
| product brand name                                                                 | SENTRON                              |
| product designation                                                                | Leading auxiliary switch             |
| design of the product                                                              | Accessories for 3VA circuit breakers |
| accessories                                                                        | Leading auxiliary switch             |
| General technical data                                                             |                                      |
| degree of pollution                                                                | 3                                    |
| overvoltage category                                                               | III                                  |
| lead time / relating to main contacts                                              | 20 ms                                |
| Voltage                                                                            |                                      |
| surge voltage resistance                                                           | 4 kV                                 |
| 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                                                                  |                                      |
| height                                                                             | 56 mm                                |
| width                                                                              | 7 mm                                 |
| depth                                                                              | 30 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                                                          |                                      |
| stripped length                                                                    | 15 mm                                |
| 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                                                                 |                                                                                          | EMC                                                                                      | Declaration of Conformity                                                         |                                                                                            |                                                                                                 |
|------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|
| <br>CCC | <br>VDE | <a href="#">Miscellaneous</a>                                                            |  | <br>RCM | <br>EG-Konf. |
| Declaration of Conformity                                                                | Test Certificates                                                                        | Marine / Shipping                                                                        | other                                                                             |                                                                                            |                                                                                                 |
|         | <a href="#">Type Test Certificates/Test Report</a>                                       | <br>LRS | <a href="#">Confirmation</a>                                                      | <a href="#">Miscellaneous</a>                                                              | <a href="#">Miscellaneous</a>                                                                   |

## Environment

[Environmental Conformations](#)

## Further information

Siemens has decided to exit the Russian market (see here).

<https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business>

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

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=3VA9988-0AA23>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3VA9988-0AA23>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3VA9988-0AA23](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3VA9988-0AA23)

CAX-Online-Generator

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

Tender specifications

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



