



Auxiliary switch can be mounted on the side 2 NO+2 NC screw terminal for circuit breaker 3RV2

|                                                                    |                            |
|--------------------------------------------------------------------|----------------------------|
| product brand name                                                 | SIRIUS                     |
| product category                                                   | Auxiliary switch           |
| product designation                                                | auxiliary switch           |
| design of the product                                              | lateral auxiliary switches |
| <b>General technical data</b>                                      |                            |
| certificate of suitability                                         | CE / UL / CSA / CCC        |
| size of the circuit-breaker                                        | S00, S0, S2, S3            |
| display version LED                                                | No                         |
| insulation voltage rated value                                     | 690 V                      |
| degree of pollution                                                | 3                          |
| surge voltage resistance rated value                               | 6 kV                       |
| protection class IP on the front                                   |                            |
| • according to IEC 60529                                           | IP20                       |
| •                                                                  | IP20                       |
| reference code according to IEC 81346-2                            | Q                          |
| Substance Prohibition (Date)                                       | 10/01/2009                 |
| Weight                                                             | 0.094 kg                   |
| number of NC contacts for auxiliary contacts instantaneous contact | 2                          |
| number of NO contacts for auxiliary contacts instantaneous contact | 2                          |
| number of CO contacts of auxiliary contacts instantaneous contact  | 0                          |
| operational current at AC-15 at 690 V rated value                  | 1 A                        |
| operational current of auxiliary contacts at AC-12                 |                            |
| • at 24 V                                                          | 10 A                       |
| • at 230 V                                                         | 10 A                       |
| • at 400 V                                                         | 10 A                       |
| • at 690 V                                                         | 10 A                       |
| operational current of auxiliary contacts at AC-12 maximum         | 10 A                       |
| operational current of auxiliary contacts at AC-15                 |                            |
| • at 24 V                                                          | 6 A                        |
| • at 230 V                                                         | 4 A                        |
| • at 400 V                                                         | 3 A                        |
| operational current of auxiliary contacts at DC-13                 |                            |
| • at 24 V                                                          | 2 A                        |
| • at 110 V                                                         | 0.5 A                      |
| • at 220 V                                                         | 0.25 A                     |
| • at 250 V                                                         | 0.25 A                     |
| <b>Ambient conditions</b>                                          |                            |
| ambient temperature                                                |                            |

- during operation -20 ... +60 °C
- during storage -50 ... +80 °C

#### Environmental footprint

|                                                        |           |
|--------------------------------------------------------|-----------|
| Environmental Product Declaration (EPD)                | Yes       |
| global warming potential [CO2 eq] total                | 4.44 kg   |
| global warming potential [CO2 eq] during manufacturing | 0.238 kg  |
| global warming potential [CO2 eq] during operation     | 4.2 kg    |
| global warming potential [CO2 eq] after end of life    | 0.0053 kg |

#### Electrical Safety

|                                                                |                                                  |
|----------------------------------------------------------------|--------------------------------------------------|
| <b>protection class IP on the front according to IEC 60529</b> | IP20                                             |
| <b>touch protection on the front according to IEC 60529</b>    | finger-safe, for vertical contact from the front |

#### Installation/ mounting/ dimensions

|                         |                |
|-------------------------|----------------|
| <b>fastening method</b> | plug-in fixing |
| <b>height</b>           | 90 mm          |
| <b>width</b>            | 18 mm          |
| <b>depth</b>            | 68 mm          |

#### Connections/ Terminals

|                                                                                |                                             |
|--------------------------------------------------------------------------------|---------------------------------------------|
| type of electrical connection for auxiliary and control circuit                | screw-type terminals                        |
| <b>connectable conductor cross-section for auxiliary contacts</b>              |                                             |
| • solid or stranded                                                            | 0.5 ... 2.5 mm²                             |
| • finely stranded with core end processing                                     | 0.5 ... 2.5 mm²                             |
| <b>type of connectable conductor cross-sections</b>                            |                                             |
| • for auxiliary contacts                                                       |                                             |
| — solid                                                                        | 2x (0.5 ... 1.5 mm²), 2x (0.75 ... 2.5 mm²) |
| — finely stranded with core end processing                                     | 2x (0.5 ... 1.5 mm²), 2x (0.75 ... 2.5 mm²) |
| • for AWG cables for auxiliary contacts                                        | 2x (20 ... 14)                              |
| AWG number as coded connectable conductor cross section for auxiliary contacts | 20 ... 14                                   |

#### Approvals Certificates

##### General Product Approval



[KC](#)



##### Test Certificates

[Type Test Certificates/Test Report](#)

[Special Test Certificate](#)



##### Marine / Shipping



[Miscellaneous](#)

[Confirmation](#)



[Special Test Certificate](#)

##### Railway

[Confirmation](#)



[Environmental Confirmations](#)

#### Further information

Information on the packaging

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

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

<https://www.siemens.com/ic10>

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RV2901-1J>

Cax online generator

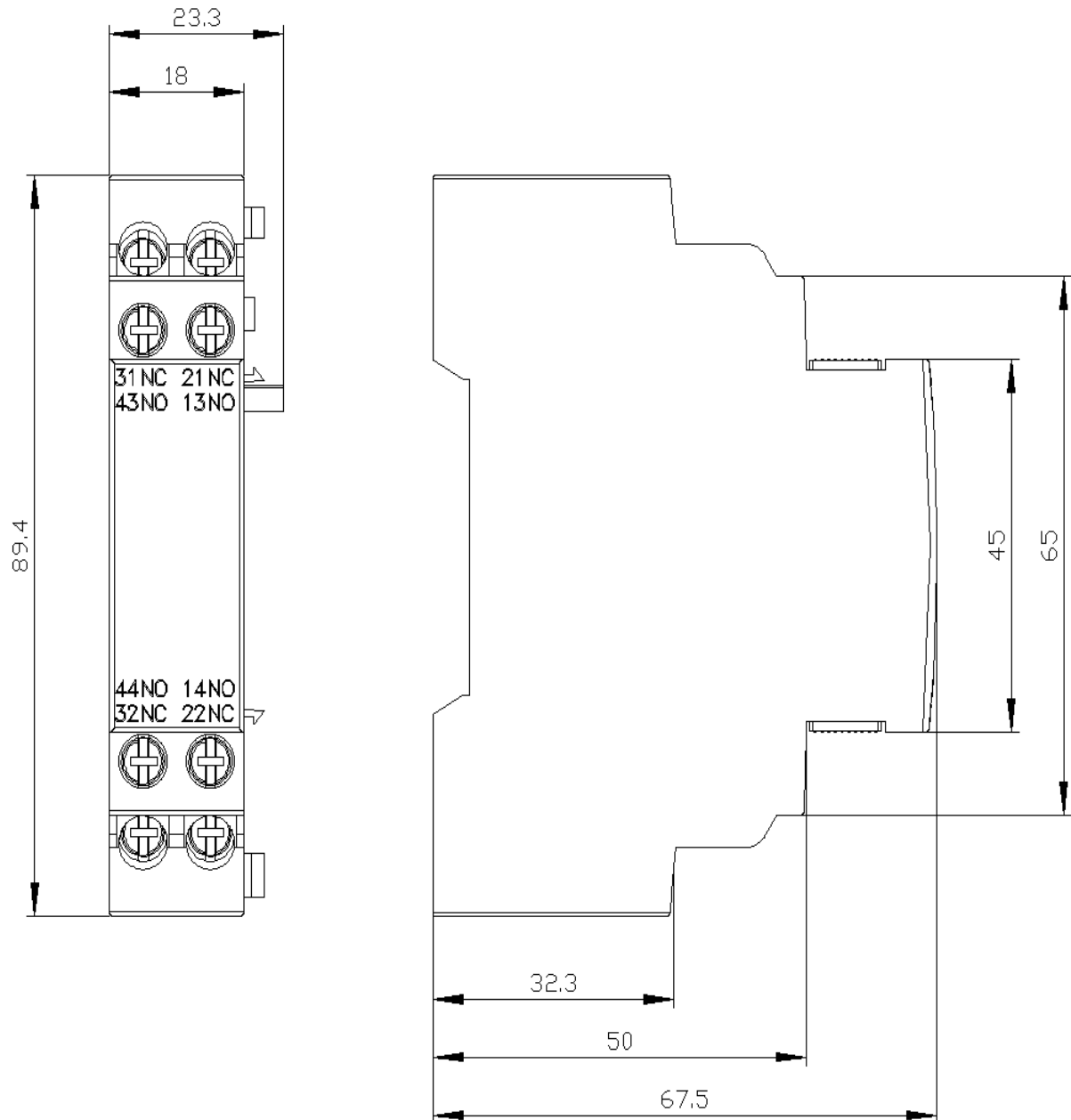
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RV2901-1J>

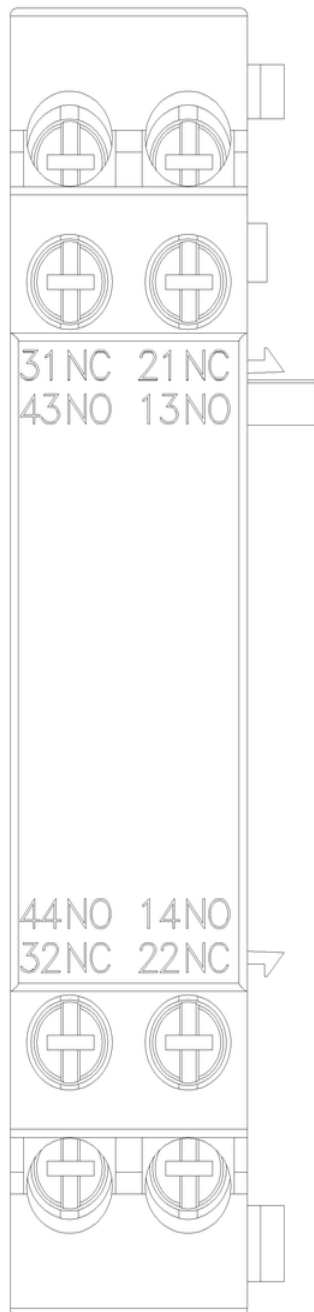
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

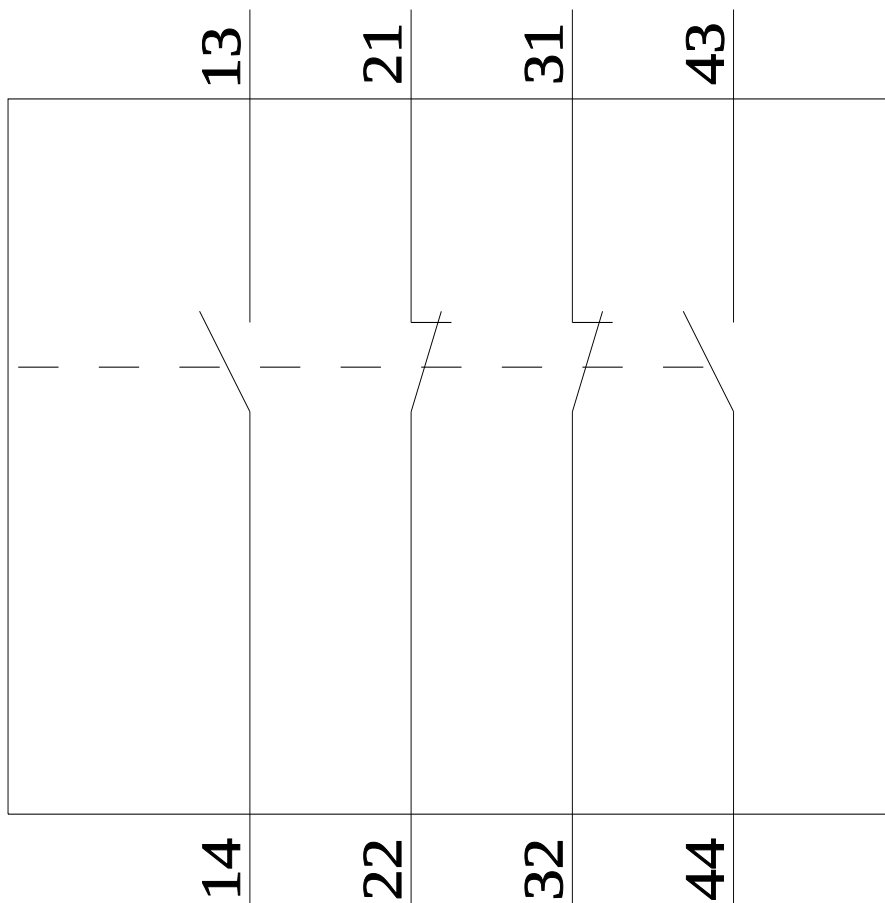
<https://support.industry.siemens.com/cs/ww/en/ps/3RV2901-1J>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3RV2901-1J&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RV2901-1J&lang=en)







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