

Auxiliary switch transverse 2 NO, screw terminal for circuit breaker 3RV2



|                                                                                                                                                  |                                  |
|--------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|
| product brand name                                                                                                                               | SIRIUS                           |
| product category                                                                                                                                 | Auxiliary switch                 |
| product designation                                                                                                                              | auxiliary switch                 |
| design of the product                                                                                                                            | transverse auxiliary switches    |
| General technical data                                                                                                                           |                                  |
| size of the circuit-breaker                                                                                                                      | S00, S0, S2, S3                  |
| display version LED                                                                                                                              | No                               |
| insulation voltage rated value                                                                                                                   | 300 V                            |
| degree of pollution                                                                                                                              | 3                                |
| surge voltage resistance rated value                                                                                                             | 4 kV                             |
| protection class IP on the front                                                                                                                 | IP20                             |
| reference code according to IEC 81346-2                                                                                                          | Q                                |
| Substance Prohibitance (Date)                                                                                                                    | 10/01/2009                       |
| number of NC contacts for auxiliary contacts instantaneous contact                                                                               | 0                                |
| number of NO contacts for auxiliary contacts instantaneous contact                                                                               | 2                                |
| number of CO contacts of auxiliary contacts instantaneous contact                                                                                | 0                                |
| operational current of auxiliary contacts at AC-12 <ul style="list-style-type: none"><li>• at 24 V</li><li>• at 230 V</li></ul>                  | 2.5 A<br>2.5 A                   |
| operational current of auxiliary contacts at AC-12 maximum                                                                                       | 2.5 A                            |
| operational current of auxiliary contacts at AC-15 <ul style="list-style-type: none"><li>• at 24 V</li><li>• at 230 V</li></ul>                  | 2 A<br>0.5 A                     |
| operational current of auxiliary contacts at DC-13 <ul style="list-style-type: none"><li>• at 24 V</li><li>• at 48 V</li><li>• at 60 V</li></ul> | 1 A<br>0.3 A<br>0.15 A           |
| Ambient conditions                                                                                                                               |                                  |
| ambient temperature <ul style="list-style-type: none"><li>• during operation</li><li>• during storage</li></ul>                                  | -20 ... +60 °C<br>-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                                                                                                                                |                                  |

|                                                                                |                                                                       |
|--------------------------------------------------------------------------------|-----------------------------------------------------------------------|
| protection class IP on the front according to IEC 60529                        | IP20                                                                  |
| touch protection on the front according to IEC 60529                           | finger-safe, for vertical contact from the front                      |
| <b>Installation/ mounting/ dimensions</b>                                      |                                                                       |
| fastening method                                                               | plug-in fixing                                                        |
| height                                                                         | 12 mm                                                                 |
| width                                                                          | 45 mm                                                                 |
| depth                                                                          | 17 mm                                                                 |
| <b>Connections/ Terminals</b>                                                  |                                                                       |
| type of electrical connection for auxiliary and control circuit                | screw-type terminals                                                  |
| connectable conductor cross-section for auxiliary contacts                     |                                                                       |
| • solid or stranded                                                            | 0.5 ... 2.5 mm <sup>2</sup>                                           |
| • finely stranded with core end processing                                     | 0.5 ... 2.5 mm <sup>2</sup>                                           |
| type of connectable conductor cross-sections                                   |                                                                       |
| • for auxiliary contacts                                                       |                                                                       |
| — solid                                                                        | 2x (0.5 ... 1.5 mm <sup>2</sup> ), 2x (0.75 ... 2.5 mm <sup>2</sup> ) |
| — finely stranded with core end processing                                     | 2x (0.5 ... 1.5 mm <sup>2</sup> ), 2x (0.75 ... 2.5 mm <sup>2</sup> ) |
| • 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



[Confirmation](#)



[KC](#)

|                          |                   |                   |
|--------------------------|-------------------|-------------------|
| General Product Approval | Test Certificates | Marine / Shipping |
|--------------------------|-------------------|-------------------|



[Type Test Certificates/Test Report](#)

[Special Test Certificate](#)



|                   |       |
|-------------------|-------|
| Marine / Shipping | other |
|-------------------|-------|



[Miscellaneous](#)

[Confirmation](#)



|         |             |
|---------|-------------|
| Railway | Environment |
|---------|-------------|

[Special Test Certificate](#)

[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=3RV2901-1F>

##### Cax online generator

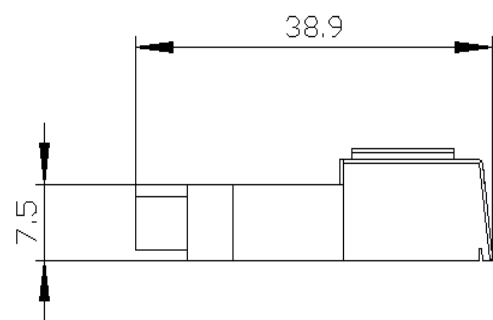
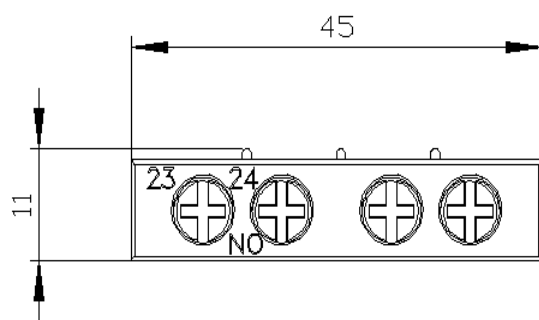
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RV2901-1F>

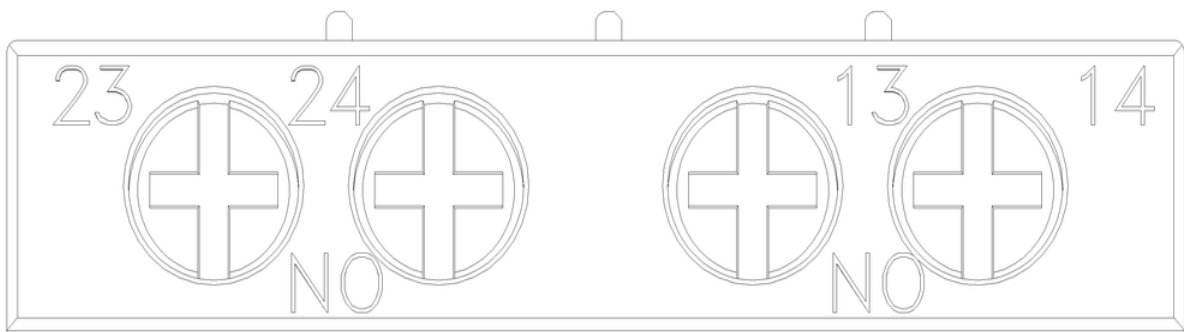
##### Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

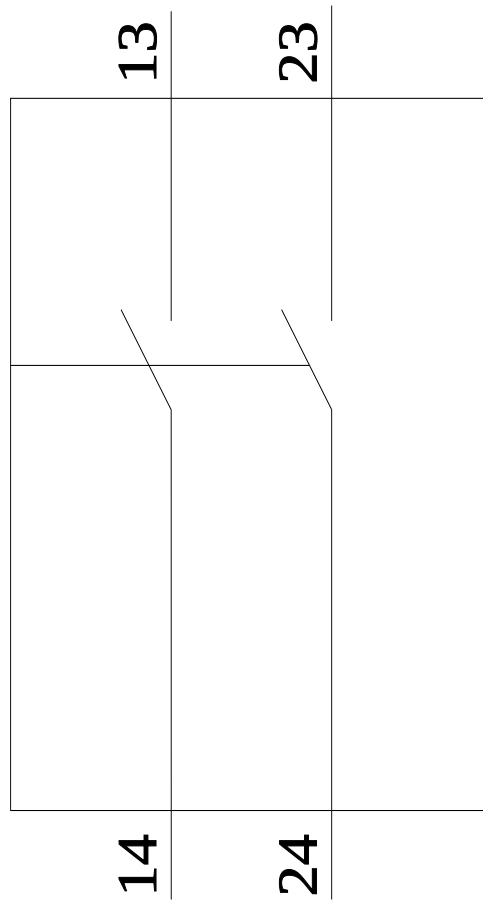
<https://support.industry.siemens.com/cs/ww/en/ps/3RV2901-1F>

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

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







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1/10/2024 

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