

Auxiliary switch transverse 1 NO+1 NC 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 |
| product type designation                                           | 3RV29                         |
| <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                                     | 300 V                         |
| degree of pollution                                                | 3                             |
| surge voltage resistance rated value                               | 4 kV                          |
| protection class IP on the front                                   |                               |
| • according to IEC 60529                                           | IP20                          |
| •                                                                  | IP20                          |
| reference code according to IEC 81346-2                            | Q                             |
| Substance Prohibitance (day/month/year)                            | 10/01/2009                    |
| Net Weight                                                         | 17.5 g                        |
| number of NC contacts for auxiliary contacts instantaneous contact | 1                             |
| number of NO contacts for auxiliary contacts instantaneous contact | 1                             |
| number of CO contacts of auxiliary contacts instantaneous contact  | 0                             |
| operational current of auxiliary contacts at AC-12                 |                               |
| • at 24 V                                                          | 2.5 A                         |
| • at 230 V                                                         | 2.5 A                         |
| operational current of auxiliary contacts at AC-12 maximum         | 2.5 A                         |
| operational current of auxiliary contacts at AC-15                 |                               |
| • at 24 V                                                          | 2 A                           |
| • at 230 V                                                         | 0.5 A                         |
| operational current of auxiliary contacts at DC-13                 |                               |
| • at 24 V                                                          | 1 A                           |
| • at 48 V                                                          | 0.3 A                         |
| • at 60 V                                                          | 0.15 A                        |
| <b>Ambient conditions</b>                                          |                               |
| ambient temperature                                                |                               |
| • during operation                                                 | -20 ... +60 °C                |
| • during storage                                                   | -50 ... +80 °C                |
| 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                                                  |
| <b>connectable conductor cross-section for auxiliary contacts</b>                     |                                                                       |
| • 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>                                           |
| <b>type of connectable conductor cross-sections</b>                                   |                                                                       |
| • 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)                                                        |
| <b>AWG number as coded connectable conductor cross section for auxiliary contacts</b> | 20 ... 14                                                             |

|                                                            |                                 |
|------------------------------------------------------------|---------------------------------|
| <b>Approvals Certificates</b>                              |                                 |
| <b>Environmental Product Declaration</b>                   |                                 |
| • 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                       |
| • global warming potential [CO2 eq] / total                | 4.44 kg                         |
| <b>Environment</b>                                         | <b>General Product Approval</b> |

[Environmental Confirmations](#)



|                                 |                                                                                                |                             |
|---------------------------------|------------------------------------------------------------------------------------------------|-----------------------------|
| <b>General Product Approval</b> | <b>Test Certificates</b>                                                                       | <b>Maritime application</b> |
| EG-Konf.<br>                    | <a href="#">Type Test Certificates/Test Report</a><br><a href="#">Special Test Certificate</a> | ABS<br>BUREAU VERITAS       |

|                             |                                                               |
|-----------------------------|---------------------------------------------------------------|
| <b>Maritime application</b> | <b>other</b>                                                  |
| DNV<br>LRS<br>PRS<br>RINA   | <a href="#">Miscellaneous</a><br><a href="#">Confirmation</a> |

|                                               |                                                                          |
|-----------------------------------------------|--------------------------------------------------------------------------|
| <b>other</b>                                  | <b>Railway</b>                                                           |
| <a href="#">Miscellaneous</a><br>产品合格 QC PASS | <a href="#">Special Test Certificate</a><br><a href="#">Confirmation</a> |

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| <b>Further information</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Information on the packaging</b><br><a href="https://support.industry.siemens.com/cs/ww/en/view/109813875">https://support.industry.siemens.com/cs/ww/en/view/109813875</a><br><b>Information for data generation and storage</b><br><a href="https://support.industry.siemens.com/cs/ww/en/view/109995012">https://support.industry.siemens.com/cs/ww/en/view/109995012</a><br><b>Information- and Downloadcenter (Catalogs, Brochures,...)</b><br><a href="https://www.siemens.com/ic10">https://www.siemens.com/ic10</a><br><b>Industry Mall (Online ordering system)</b> |

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

Cax online generator

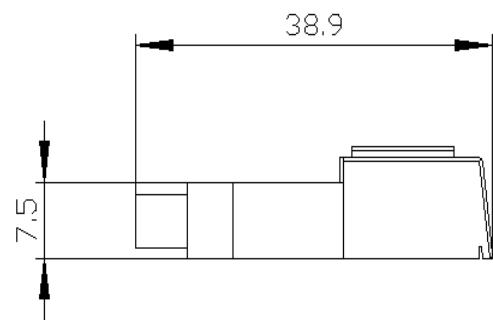
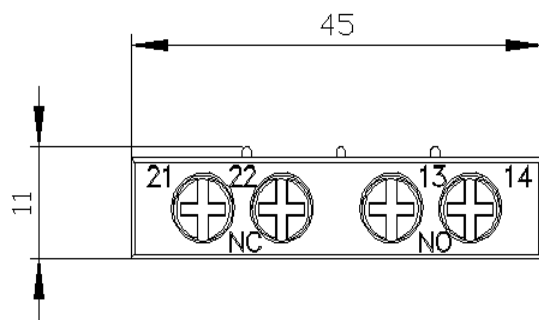
<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RV2901-1E>

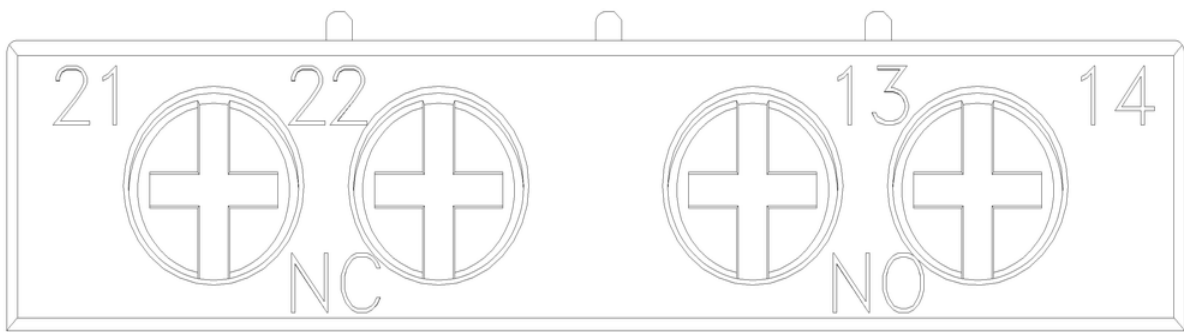
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

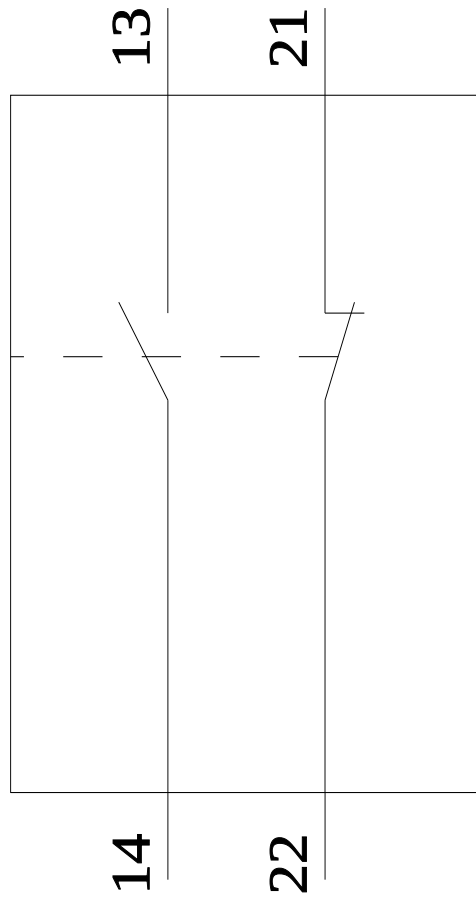
<https://support.industry.siemens.com/cs/ww/en/ps/3RV2901-1E>

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

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







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