SIEMENS

## Data sheet 3RV2901-1J




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 |
| **product type designation** | 3RV29 |
| **General technical data** | |
| **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 Prohibitance (day/month/year)** | 10/01/2009 |
| **Net Weight** | 80 g |
| 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 |


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| | |
|---|---|
| **Ambient conditions** | |
| **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 |
| **Installation/ mounting/ dimensions** | |
| **fastening method** | plug-in fixing |
| **height** | 90 mm |
| **width** | 18 mm |
| **depth** | 68 mm |
| **Connections/ Terminals** | |
| 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 mm² |
| ● finely stranded with core end processing | 0.5 ... 2.5 mm² |
| **type of connectable conductor cross-sections** | |
| ● 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** | |
| Environmental Product Declaration | |
| ● 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 |

**Environment**

Environmental Confirmations

**General Product Approval**

**General Product Approval**

**Test Certificates**

Type Test Certificates/Test Report

Special Test Certificate

**Maritime application**

**Maritime application**

**other**

Miscellaneous

Confirmation

**other**

Miscellaneous

**Railway**

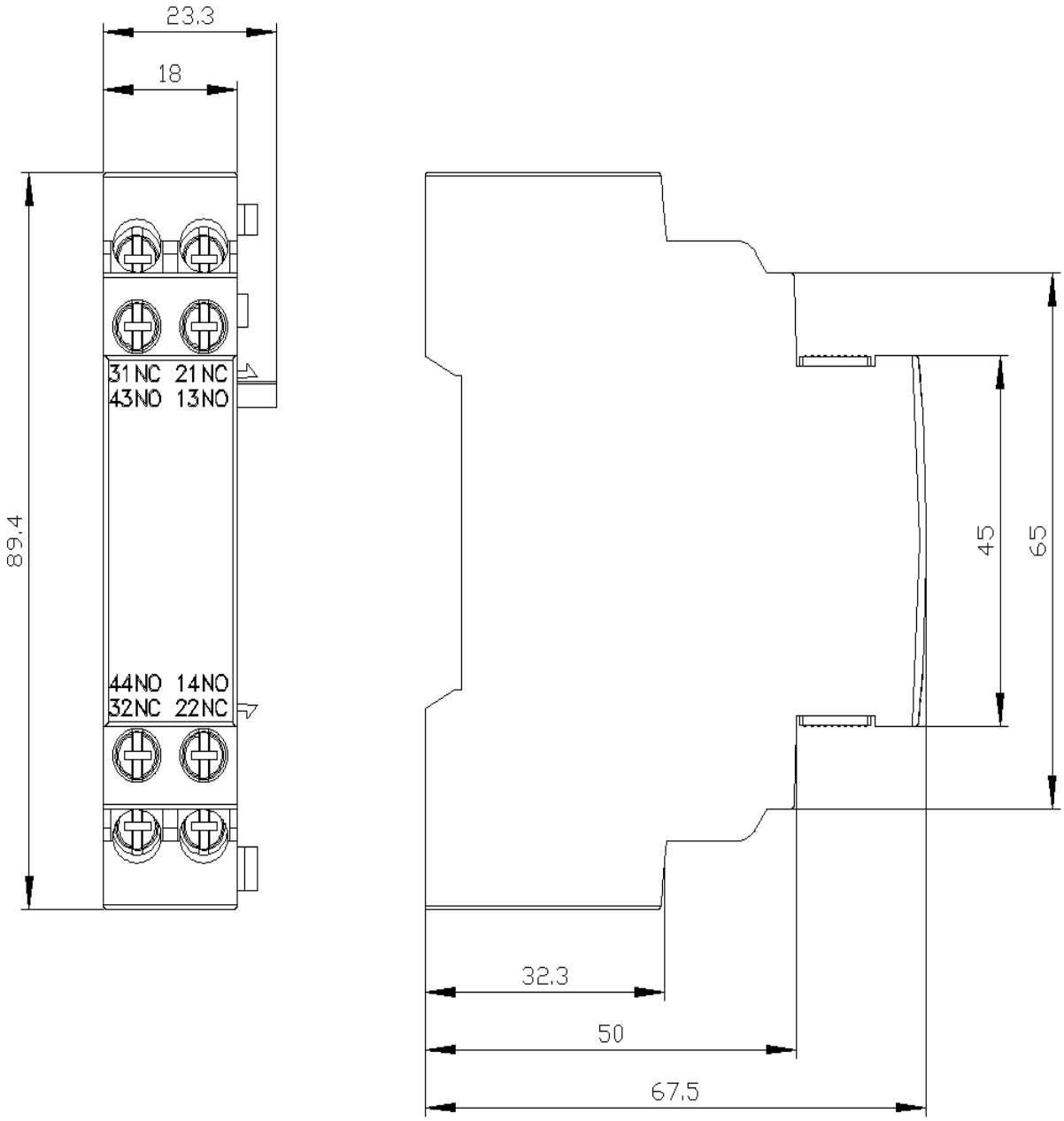
Special Test Certificate

Confirmation

**Further information**

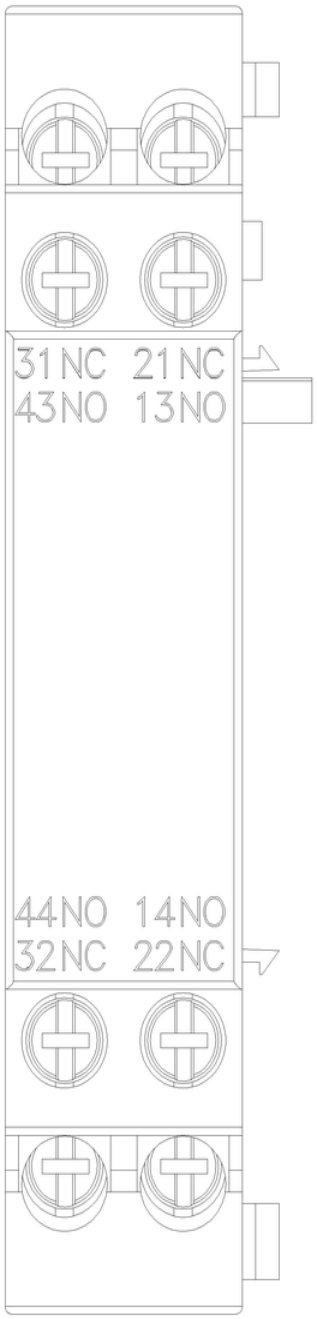

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**Information on the packaging**
https://support.industry.siemens.com/cs/ww/en/view/109813875
**Information for data generation and storage**
https://support.industry.siemens.com/cs/ww/en/view/109995012
**Information- and Downloadcenter (Catalogs, Brochures,…)**
https://www.siemens.com/ic10
**Industry Mall (Online ordering system)**
https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RV2901-1J
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https://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, ...)**
https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RV2901-1J&lang=en



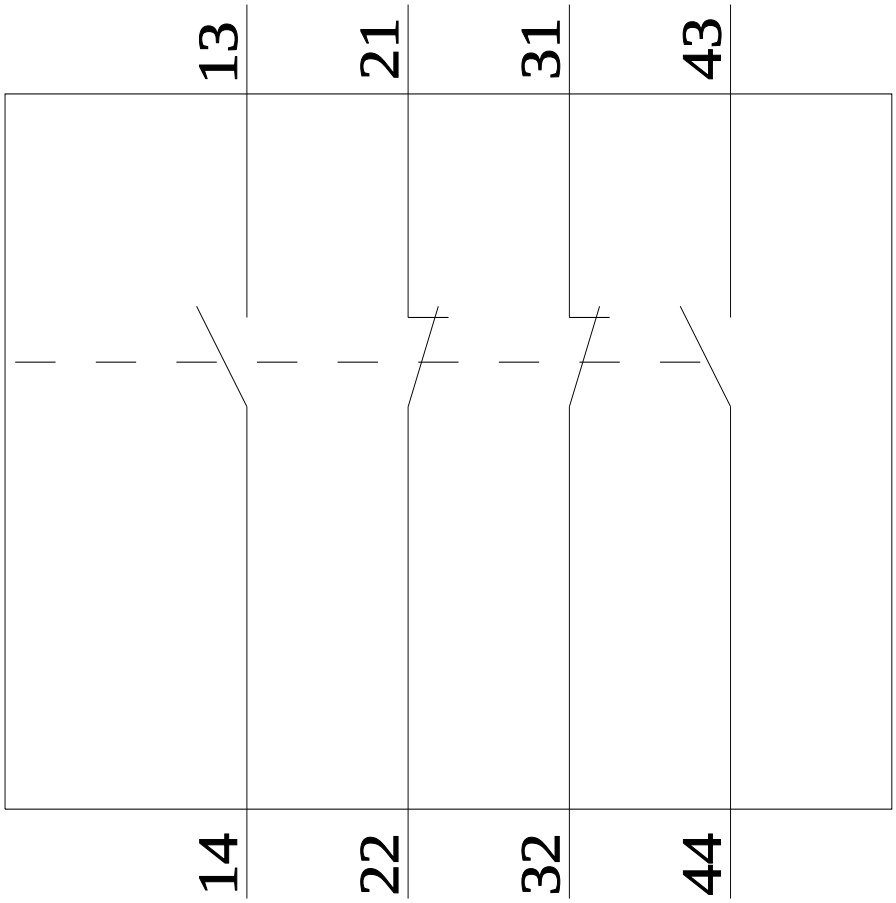


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