SIEMENS

## Product data sheet 3RV2901-1J

LATERAL AUXILIARY SWITCH 2NO+2NC,
SCREW CONNECTION,
FOR CIRCUIT-BREAKERS SZ S00/S0

| General technical data: | | |
|---|---|---|
| **product brand name** | | SIRIUS |
| **product designation** | | auxiliary switch, lateral |
| **Design of the product** | | lateral auxiliary switches |
| **Size of the circuit-breaker** | | S00, S0 |
| **Protection class IP / on the front** | | IP20 |
| **Ambient temperature** | | |
| • during storage | °C | -50 … +80 |
| • during operating | °C | -20 … +60 |

| Auxiliary circuit: | | |
|---|---|---|
| **Number of NC contacts / for auxiliary contacts** | | |
| • instantaneous switching | | 2 |
| **Number of NO contacts / for auxiliary contacts** | | |
| • instantaneous switching | | 2 |
| **Number of changeover contacts / of the auxiliary contacts** | | |
| • instantaneous switching | | 0 |
| **Operating current / of the auxiliary contacts** | | |
| • at AC-12 | | |
| • at 24 V | A | 10 |
| • at 230 V | A | 10 |


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| | | |
|---|---|---|
| • at 400 V | A | 10 |
| • at 690 V | A | 10 |
| • maximum | A | 10 |
| • at AC-15 | | |
| • at 24 V | A | 6 |
| • at 230 V | A | 4 |
| • at 690 V | A | 1 |
| • at 400 V | A | 3 |
| • at DC-13 | | |
| • at 24 V | A | 2 |
| • at 110 V | A | 0.5 |
| • at 125 V | A | 0.5 |
| • at 220 V | A | 0.25 |
| • at 250 V | A | 0.25 |

## Installation/mounting/dimensions:

| | | |
|---|---|---|
| **Type of mounting** | | plug-in fixing |
| **Width** | mm | 18 |
| **Height** | mm | 90 |
| **Depth** | mm | 68 |

## Connections:

| | | |
|---|---|---|
| **Design of the electrical connection** | | |
| • for auxiliary and control current circuit | | screw-type terminals |
| **Type of the connectable conductor cross-section** | | |
| • for auxiliary contacts | | |
| • solid | | 2x (0.5 ... 1.5 mm²), 2x (0.75 ... 2.5 mm²) |
| • finely stranded | | |
| • with conductor end processing | | 2x (0.5 ... 1.5 mm²), 2x (0.75 ... 2.5 mm²) |
| • for AWG conductors / for auxiliary contacts | | 2x (20 ... 14) |

## Certificates/approvals:

| | | |
|---|---|---|
| **Verification of suitability** | | CE / UL / CSA / CCC |


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| General Product Approval | | | Declaration of Conformity | Test Certificates | |
|---|---|---|---|---|---|
| CCC | CSA | UL | EG-Konf. | Special Test Certificate | Type Test Certificates/Test Report |
| **Shipping Approval** | | | | | |
| ABS | BUREAU VERITAS | GL | LRS | PRS | RINA |
| **Shipping Approval** | **other** | | | | |
| RMRS | VDE | other | | | |

## Further information:

**Information- and Downloadcenter (Catalogs, Brochures,…)**
http://www.siemens.com/industrial-controls/catalogs

**Industry Mall (Online ordering system)**
http://www.siemens.com/industrial-controls/mall

**CAx-Online-Generator**
http://www.siemens.com/cax

**Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**
http://support.automation.siemens.com/WW/view/en/3RV2901-1J/all

**Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)**
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3RV2901-1J


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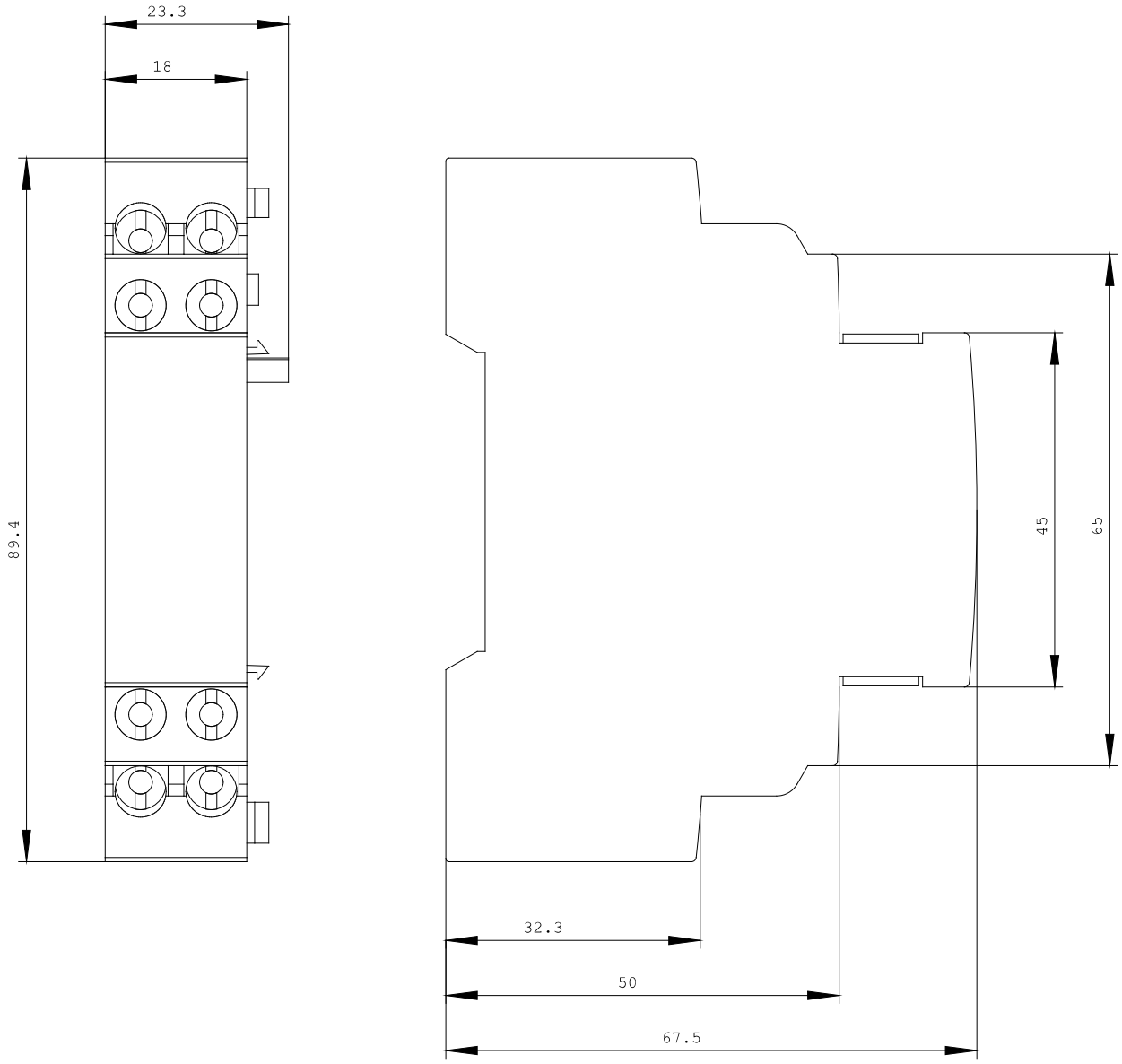



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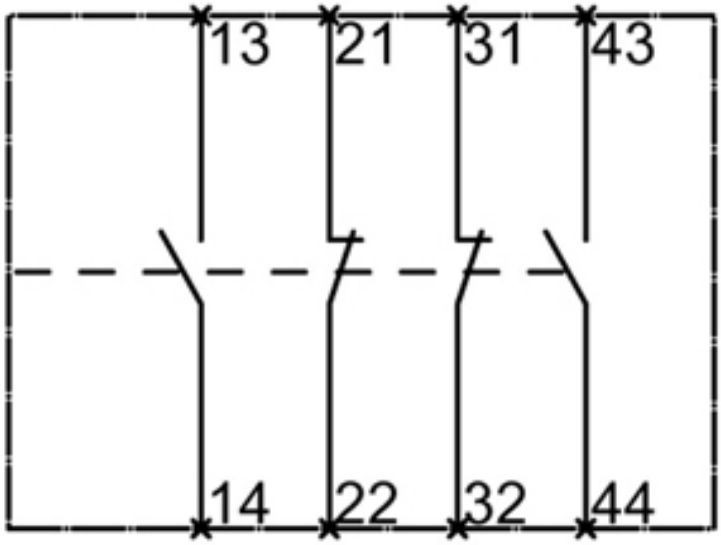


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