



Undervoltage release 400 V AC/50 Hz, 440 V AC/60 Hz with screw terminal for circuit breaker 3RV2

|                                                                                            |                       |
|--------------------------------------------------------------------------------------------|-----------------------|
| product brand name                                                                         | SIRIUS                |
| product category                                                                           | Auxiliary release     |
| product designation                                                                        | undervoltage release  |
| product type designation                                                                   | 3RV29                 |
| suitability for use                                                                        | motor circuit breaker |
| <b>General technical data</b>                                                              |                       |
| certificate of suitability                                                                 | CE / UL / CSA         |
| size of the circuit-breaker                                                                | S00, S0, S2, S3       |
| closing active power at AC maximum                                                         | 13 W                  |
| active power at AC in operation maximum                                                    | 2.4 W                 |
| apparent power at AC in operation maximum                                                  | 7.2 VA                |
| insulation voltage                                                                         |                       |
| • rated value                                                                              | 690 V                 |
| • with degree of pollution 3 at AC rated value                                             | 690 V                 |
| degree of pollution                                                                        | 3                     |
| protection class IP on the front according to IEC 60529                                    | IP20                  |
| break time maximum                                                                         | 20 ms                 |
| reference code according to DIN 40719 extended according to IEC 204-2 according to IEC 750 | F                     |
| reference code according to EN 61346-2                                                     | F                     |
| Substance Prohibitance (day/month/year)                                                    | 05/01/2012            |
| Net Weight                                                                                 | 126 g                 |
| type of voltage of the control supply voltage                                              | AC                    |
| control supply voltage 1 at AC                                                             |                       |
| • at 50 Hz rated value                                                                     | 400 V                 |
| • at 60 Hz rated value                                                                     | 440 V                 |
| control supply voltage frequency 1                                                         | 50 ... 60 Hz          |
| number of NC contacts for auxiliary contacts instantaneous contact                         | 0                     |
| number of NO contacts for auxiliary contacts                                               |                       |
| • instantaneous contact                                                                    | 0                     |
| • leading contact                                                                          | 0                     |
| number of CO contacts of auxiliary contacts instantaneous contact                          | 0                     |
| <b>Ambient conditions</b>                                                                  |                       |
| ambient temperature                                                                        |                       |
| • during operation                                                                         | -20 ... +60 °C        |
| • during storage                                                                           | -50 ... +80 °C        |
| <b>Electrical Safety</b>                                                                   |                       |
| 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>Short-circuit protection</b>                                 |                                                  |
| design of short-circuit protection                              | fuse                                             |
| <b>Installation/ mounting/ dimensions</b>                       |                                                  |
| fastening method                                                | snap-on mounting                                 |
| height                                                          | 90 mm                                            |
| width                                                           | 19 mm                                            |
| depth                                                           | 68 mm                                            |
| <b>Connections/ Terminals</b>                                   |                                                  |
| type of electrical connection for auxiliary and control circuit | screw-type terminals                             |
| <b>Approvals Certificates</b>                                   |                                                  |
| Environment                                                     | General Product Approval                         |

[Environmental Confirmations](#)



|                   |                      |
|-------------------|----------------------|
| Test Certificates | Maritime application |
|-------------------|----------------------|

[Type Test Certificates/Test Report](#)

[Special Test Certificate](#)



|                      |       |
|----------------------|-------|
| Maritime application | other |
|----------------------|-------|



[Miscellaneous](#)

[Confirmation](#)

[Miscellaneous](#)



|         |
|---------|
| Railway |
|---------|

[Special Test Certificate](#)

|                     |
|---------------------|
| Further information |
|---------------------|

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=3RV2902-1AV0>

Cax online generator

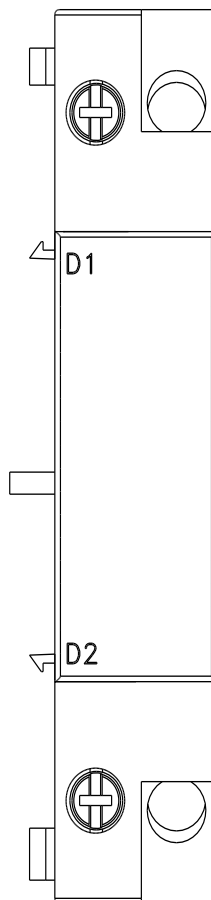
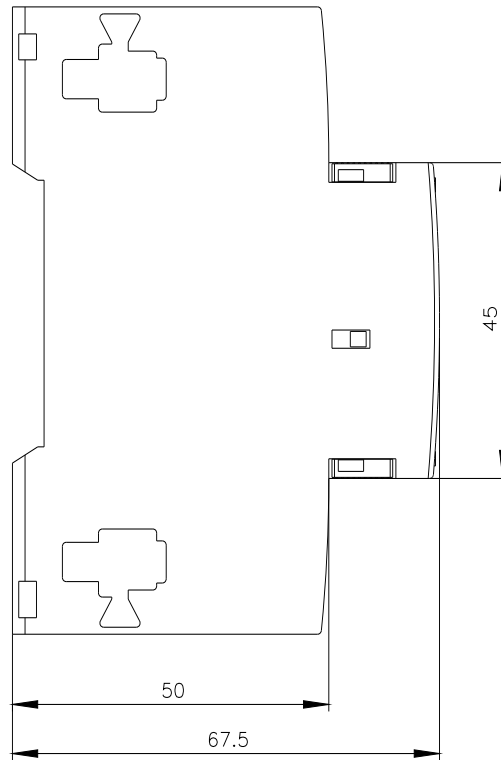
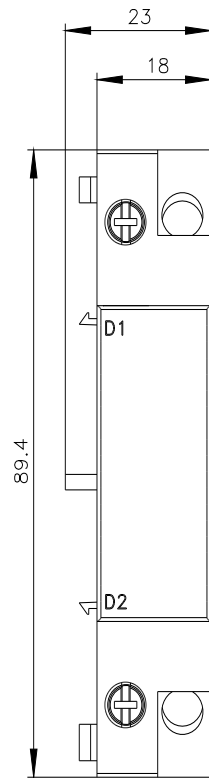
<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RV2902-1AV0>

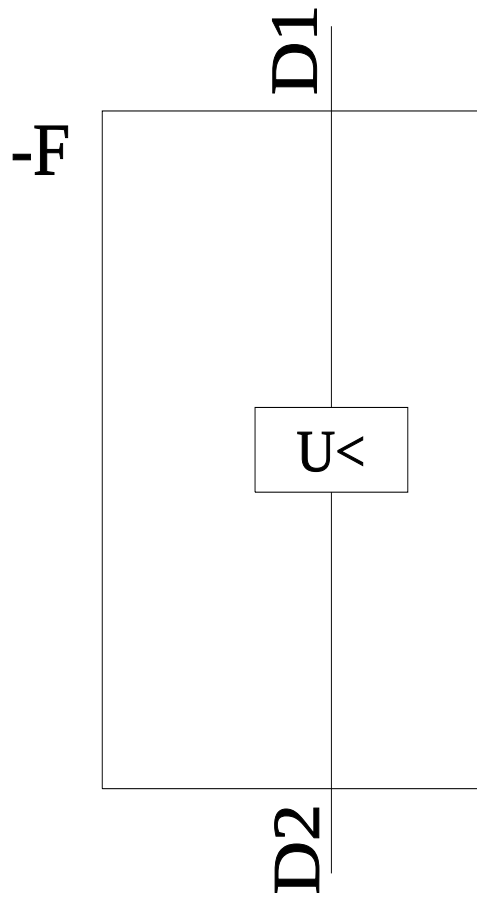
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3RV2902-1AV0>

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

[https://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3RV2902-1AV0&lang=en](https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RV2902-1AV0&lang=en)





last modified:

4/2/2025 