



Undervoltage release 415 V AC/50 Hz, 480 V AC/60 Hz with screw terminal for circuit breaker 3RV2

|                                                                                            |                                                  |
|--------------------------------------------------------------------------------------------|--------------------------------------------------|
| product brand name                                                                         | SIRIUS                                           |
| product category                                                                           | Auxiliary release                                |
| product designation                                                                        | undervoltage release                             |
| suitability for use                                                                        | motor circuit breaker                            |
| <b>General technical data</b>                                                              |                                                  |
| 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                                                |
| 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 (Date)                                                              | 05/01/2012                                       |
| type of voltage of the control supply voltage                                              | AC                                               |
| control supply voltage 1 at AC                                                             |                                                  |
| • at 50 Hz rated value                                                                     | 415 V                                            |
| • at 60 Hz rated value                                                                     | 480 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 |

#### Approvals Certificates

|                          |                   |
|--------------------------|-------------------|
| General Product Approval | Test Certificates |
|--------------------------|-------------------|



[Confirmation](#)



[Special Test Certificate](#)

|                   |                   |
|-------------------|-------------------|
| Test Certificates | Marine / Shipping |
|-------------------|-------------------|

[Type Test Certificates/Test Report](#)



|                   |       |         |             |
|-------------------|-------|---------|-------------|
| Marine / Shipping | other | Railway | Environment |
|-------------------|-------|---------|-------------|



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[Special Test Certificate](#)

[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=3RV2902-1AV1>

Cax online generator

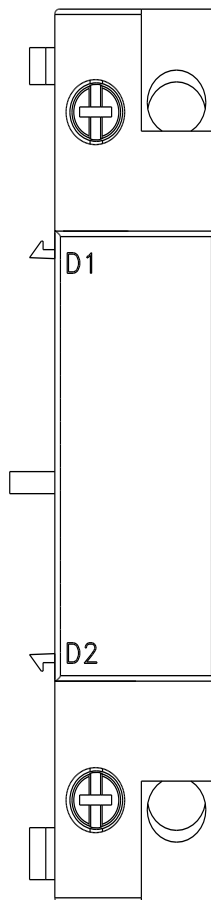
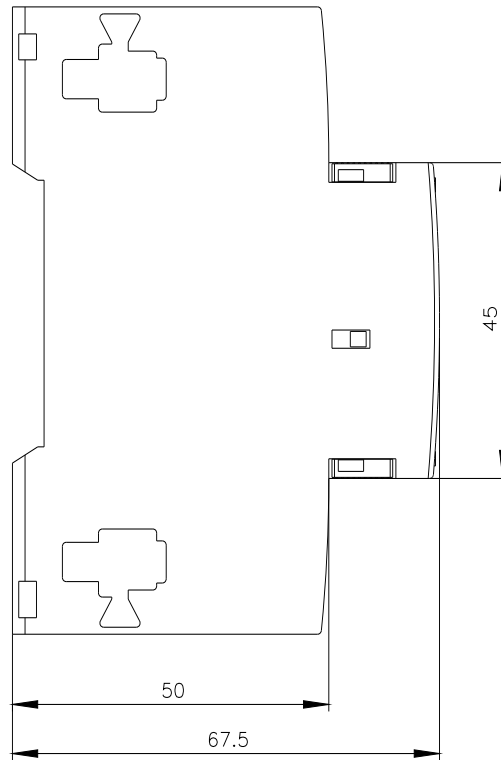
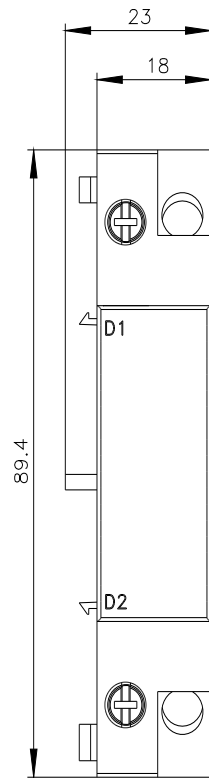
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RV2902-1AV1>

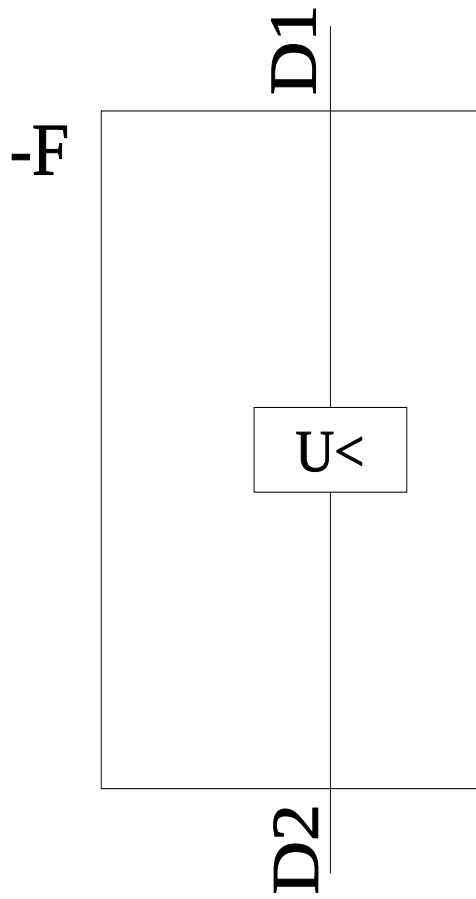
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3RV2902-1AV1>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3RV2902-1AV1&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RV2902-1AV1&lang=en)





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1/10/2024 

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