



Undervoltage release 415 V AC/50 Hz, 480 V AC/60 Hz with leading auxiliary contact 2 NO with screw terminal for circuit breaker 3RV2

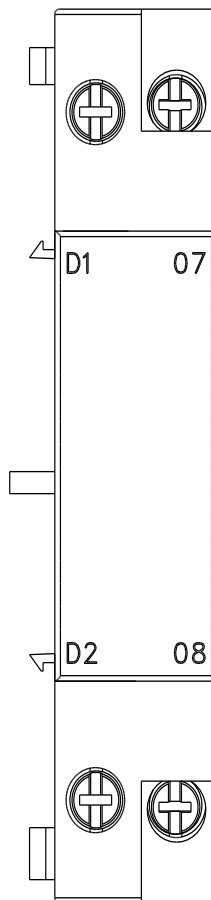
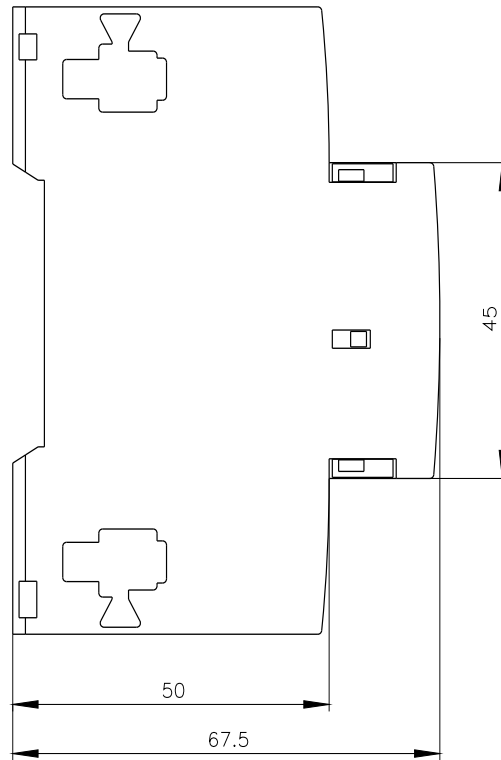
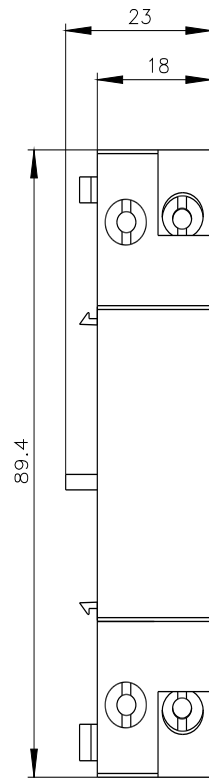
|                                                                                            |                           |
|--------------------------------------------------------------------------------------------|---------------------------|
| product brand name                                                                         | SIRIUS                    |
| product category                                                                           | Auxiliary release         |
| product designation                                                                        | undervoltage release      |
| design of the product                                                                      | with 2 auxiliary contacts |
| 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 Prohibittance (Date)                                                             | 05/01/2012                |
| Weight                                                                                     | 140 g                     |
| 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                                                                          | 2                         |
| 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                      |

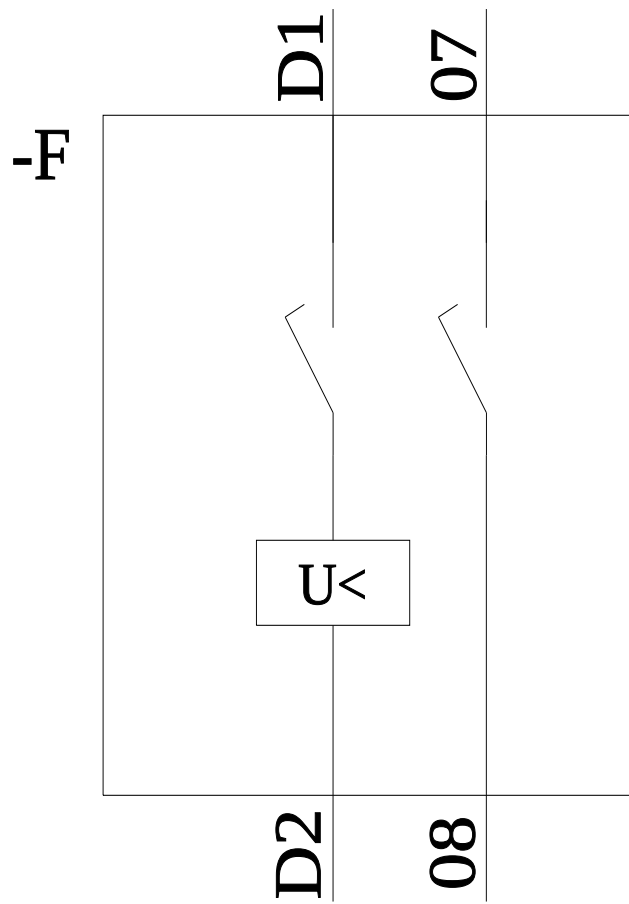
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|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|
| 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>                                                                                                                                                                                                                                                                                                                                                            |                                                  |
| <div>General Product Approval</div> <div>     </div> |                                                  |
| <div>Test Certificates</div> <div> <a href="#">Type Test Certificates/Test Report</a> <a href="#">Special Test Certificate</a> </div>                                                                                                                                                                                                                                                    |                                                  |

|                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| <b>Maritime application</b>                                                       |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |
|  |  |  |  |  |  |
| ABS                                                                               | BUREAU<br>VERITAS                                                                 | DNV                                                                               | LRS                                                                               | PRS                                                                                 | RINA                                                                                |

|                               |                                                                                     |                              |                                                                                     |                                             |
|-------------------------------|-------------------------------------------------------------------------------------|------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------|
| <b>other</b>                  |                                                                                     | <b>Railway</b>               | <b>Environment</b>                                                                  |                                             |
| <a href="#">Miscellaneous</a> |  | <a href="#">Confirmation</a> |  | <a href="#">Special Test Certificate</a>    |
|                               |                                                                                     |                              |                                                                                     | <a href="#">Environmental Confirmations</a> |

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| <b>Further information</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
| Information on the packaging<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>Information- and Downloadcenter (Catalogs, Brochures,...)<br><a href="https://www.siemens.com/ic10">https://www.siemens.com/ic10</a><br>Industry Mall (Online ordering system)<br><a href="https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RV2922-1CV1">https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RV2922-1CV1</a><br>Cax online generator<br><a href="http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&amp;mlfb=3RV2922-1CV1">http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&amp;mlfb=3RV2922-1CV1</a><br>Service&Support (Manuals, Certificates, Characteristics, FAQs,...)<br><a href="https://support.industry.siemens.com/cs/ww/en/ps/3RV2922-1CV1">https://support.industry.siemens.com/cs/ww/en/ps/3RV2922-1CV1</a><br>Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)<br><a href="http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RV2922-1CV1&amp;lang=en">http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RV2922-1CV1&amp;lang=en</a> |  |





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4/2/2025 