



surge suppressor, diode combination, 12-250 V DC, for contactors 3RT2.1 and auxiliary contactors 3RH2

|                          |                                                     |
|--------------------------|-----------------------------------------------------|
| product brand name       | SIRIUS                                              |
| product category         | Surge suppressor                                    |
| product designation      | Diode assembly                                      |
| product type designation | 3RT29                                               |
| suitability for use      | for 3RT2.1 contactors and 3RH2 auxiliary contactors |

|                                               |                   |
|-----------------------------------------------|-------------------|
| General technical data                        |                   |
| certificate of suitability                    | CE / UL / CSA     |
| size of contactor                             | S00               |
| Substance Prohibitance (Date)                 | 10/01/2009        |
| SVHC substance name                           | Lead - 7439-92-1  |
| Weight                                        | 0.006 kg          |
| type of voltage of the control supply voltage | DC                |
| control supply voltage at DC rated value      | 12 ... 250 V      |
| design of the surge suppressor                | Diode combination |

|                     |                |
|---------------------|----------------|
| Ambient conditions  |                |
| ambient temperature |                |
| • during operation  | -25 ... +60 °C |
| • during storage    | -40 ... +80 °C |

|                                                        |            |
|--------------------------------------------------------|------------|
| Environmental footprint                                |            |
| Environmental Product Declaration (EPD)                | Yes        |
| global warming potential [CO2 eq] total                | 7.04 kg    |
| global warming potential [CO2 eq] during manufacturing | 0.089 kg   |
| global warming potential [CO2 eq] during operation     | 6.96 kg    |
| global warming potential [CO2 eq] after end of life    | -0.0061 kg |

|                                    |         |
|------------------------------------|---------|
| Installation/ mounting/ dimensions |         |
| mounting position                  | any     |
| fastening method                   | clip-on |
| height                             | 46 mm   |
| width                              | 28 mm   |
| depth                              | 9 mm    |

|                          |     |                   |
|--------------------------|-----|-------------------|
| Approvals Certificates   |     |                   |
| General Product Approval | EMV | Test Certificates |



[Special Test Certificate](#)

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

[Type Test Certificates/Test Report](#)



other

Railway

Environment

[Miscellaneous](#)



[Confirmation](#)

[Special Test Certificate](#)



[Environmental Confirmations](#)

#### 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=3RT2916-1EH00>

Cax online generator

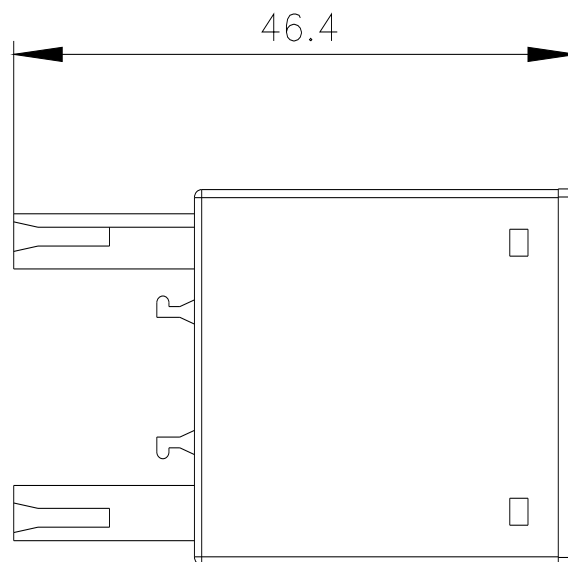
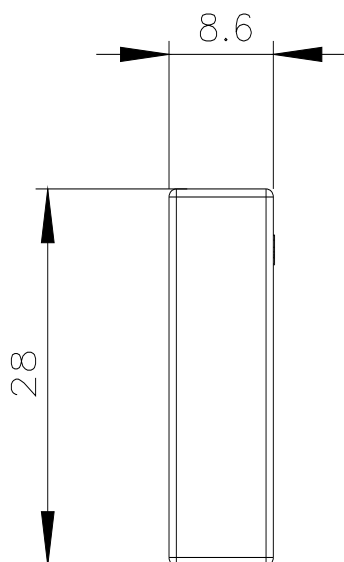
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT2916-1EH00>

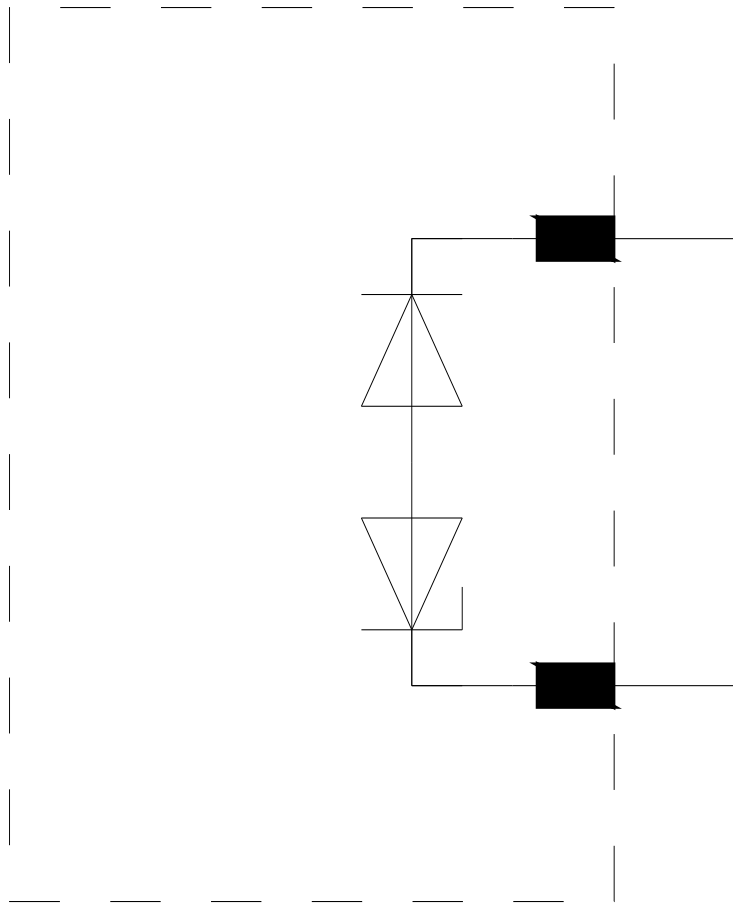
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3RT2916-1EH00>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3RT2916-1EH00&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RT2916-1EH00&lang=en)





last modified:

4/2/2025 