



surge suppressor, varistor, 48-127 V AC, 50/60 Hz, 70-150 V DC, for contactors 3RT2.1 and auxiliary contactors 3RH2

|                                                        |                  |
|--------------------------------------------------------|------------------|
| product brand name                                     | SIRIUS           |
| product category                                       | Surge suppressor |
| product designation                                    | Varistor         |
| <b>General technical data</b>                          |                  |
| 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          | AC/DC            |
| control supply voltage at AC                           |                  |
| • at 50 Hz rated value                                 | 48 ... 127 V     |
| • at 60 Hz rated value                                 | 48 ... 127 V     |
| control supply voltage frequency                       |                  |
| • 1 rated value                                        | 50 Hz            |
| • 2 rated value                                        | 60 Hz            |
| control supply voltage at DC rated value               | 70 ... 150 V     |
| design of the surge suppressor                         | Varistor         |
| <b>Ambient conditions</b>                              |                  |
| ambient temperature                                    |                  |
| • during operation                                     | -25 ... +60 °C   |
| • during storage                                       | -40 ... +80 °C   |
| <b>Environmental footprint</b>                         |                  |
| 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       |
| <b>Installation/ mounting/ dimensions</b>              |                  |
| mounting position                                      | any              |
| fastening method                                       | clip-on          |
| height                                                 | 46 mm            |
| width                                                  | 28 mm            |
| depth                                                  | 9 mm             |
| <b>Approvals Certificates</b>                          |                  |
| General Product Approval                               | EMV              |



[Confirmation](#)



#### Test Certificates

#### Marine / Shipping

[Type Test Certificates/Test Report](#)

[Special Test Certificate](#)



#### Marine / Shipping

#### other

#### Railway

#### Environment



[Confirmation](#)

[Miscellaneous](#)

[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=3RT2916-1BC00>

Cax online generator

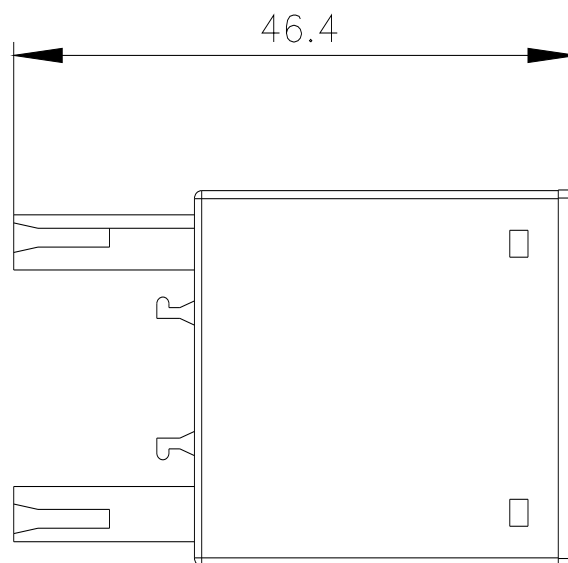
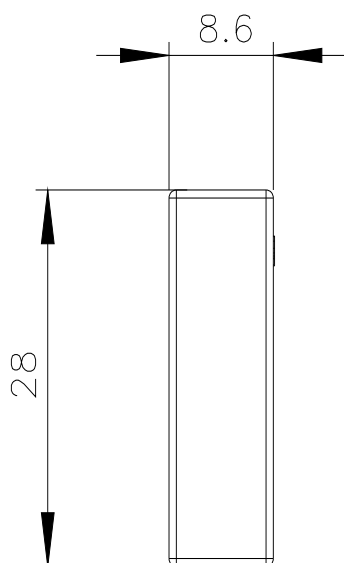
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT2916-1BC00>

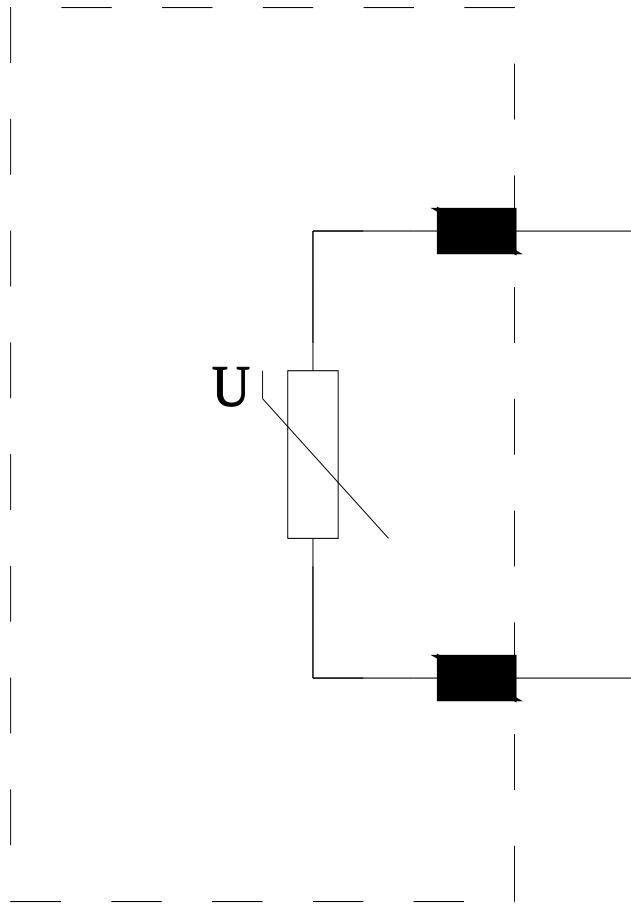
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3RT2916-1BC00>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3RT2916-1BC00&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RT2916-1BC00&lang=en)





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