



surge suppressor, varistor with LED, 150-250 V DC, for contactors 3RT2.1 and auxiliary contactors 3RH2

|                          |                                                     |
|--------------------------|-----------------------------------------------------|
| product brand name       | SIRIUS                                              |
| product category         | Surge suppressor                                    |
| product designation      | Varistor with LED                                   |
| 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 Prohibition (day/month/year)        | 10/01/2009             |
| SVHC substance name                           | Lead CAS-No. 7439-92-1 |
| Net Weight                                    | 0.007 g                |
| type of voltage of the control supply voltage | DC                     |
| control supply voltage at DC rated value      | 150 ... 250 V          |
| design of the surge suppressor                | Varistor               |

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

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

|                                                            |            |
|------------------------------------------------------------|------------|
| Approvals Certificates                                     |            |
| Environmental Product Declaration                          |            |
| • global warming potential [CO2 eq] / during manufacturing | 0.0885 kg  |
| • global warming potential [CO2 eq] / during operation     | 6.96 kg    |
| • global warming potential [CO2 eq] / after end of life    | -0.0061 kg |
| • global warming potential [CO2 eq] / total                | 7.04 kg    |

|             |                          |
|-------------|--------------------------|
| Environment | General Product Approval |
|-------------|--------------------------|

[Environmental Con-  
firmations](#)



EG-Konf.



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



[Type Test Certificates/Test Report](#)

[Special Test Certificate](#)



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



[Confirmation](#)

[Miscellaneous](#)



[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=3RT2916-1JP00>

Cax online generator

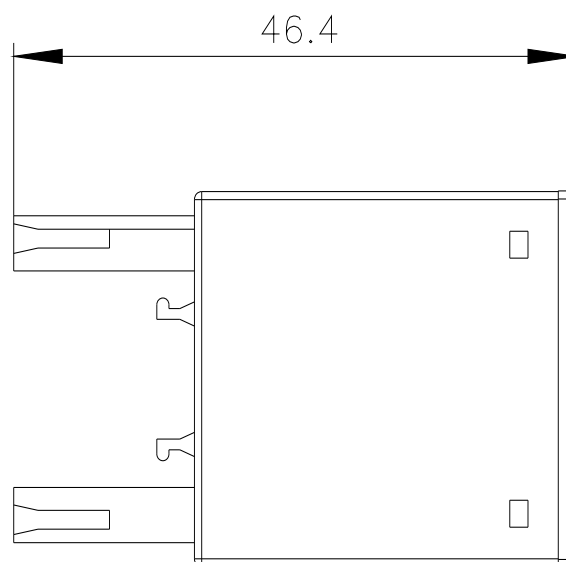
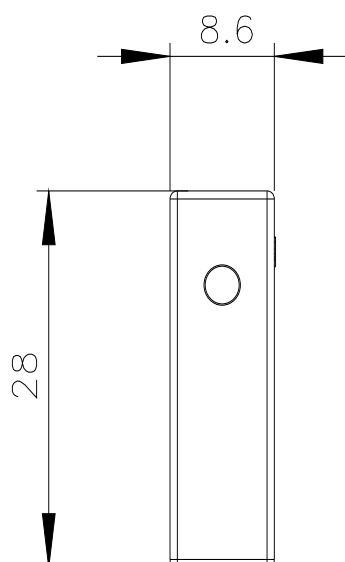
<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT2916-1JP00>

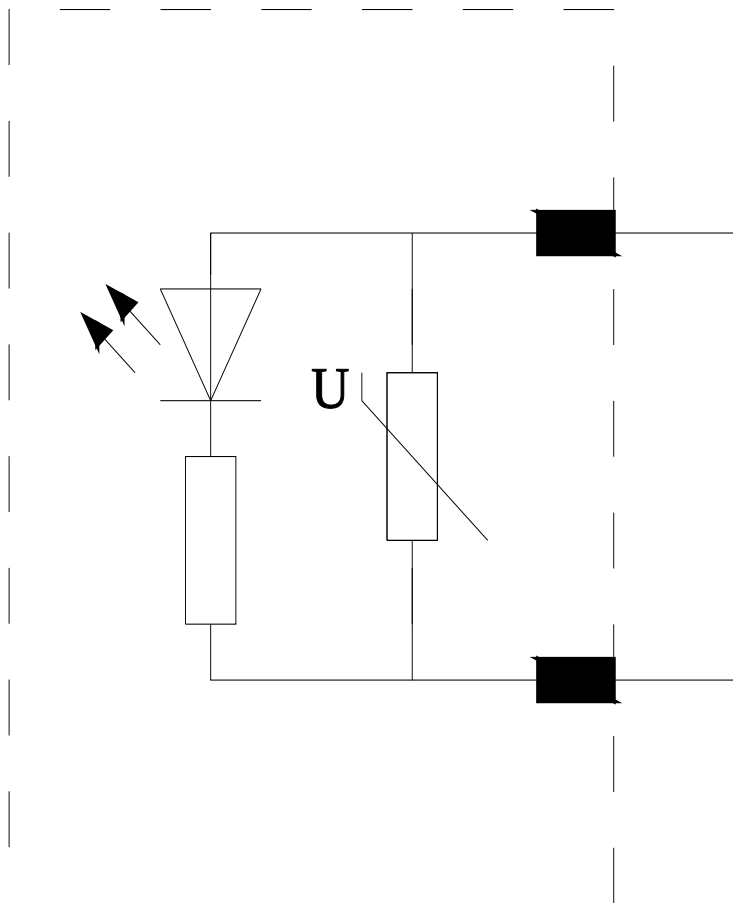
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3RT2916-1JP00>

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

[https://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3RT2916-1JP00&lang=en](https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RT2916-1JP00&lang=en)





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