



surge suppressor, varistor with LED, 48-127 V AC, 50/60 Hz, 24-70 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 |     |
| <b>General technical data</b>                              |   |     |
| 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   | 7 g   |     |
| 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                   | 24 ... 70 V   |     |
| design of the surge suppressor                             | Varistor  |     |
| <b>Ambient conditions</b>                                  |   |     |
| ambient temperature  |   |     |
| • during operation   | -25 ... +60 °C                                      |     |
| • during storage   | -40 ... +80 °C                                      |     |
| <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>                              |   |     |
| 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                            | EMV |

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firmations](#)



Test Certificates

Maritime application

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Maritime application

other

Railway



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#### 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=3RT2916-1JK00>

Cax online generator

<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT2916-1JK00>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3RT2916-1JK00>

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

[https://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3RT2916-1JK00&lang=en](https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RT2916-1JK00&lang=en)



