



surge suppressor, RC element, 24-48 V AC, 50/60 Hz, 24-70 V DC, for contactors 3RT2.4

|  |                          |     |
|--|--------------------------|-----|
| product brand name   | SIRIUS                   |     |
| product category   | Surge suppressor         |     |
| product designation  | RC element               |     |
| product type designation                                   | 3RT29                    |     |
| suitability for use  | for 3RT2.4 contactors    |     |
| <b>General technical data</b>                              |                          |     |
| certificate of suitability                                 | CE / UL / CSA            |     |
| size of contactor  | S3                       |     |
| Substance Prohibittance (day/month/year)                   | 07/01/2006               |     |
| Net Weight   | 0.05 kg                  |     |
| type of voltage of the control supply voltage              | AC/DC                    |     |
| control supply voltage at AC                               |                          |     |
| • at 50 Hz rated value                                     | 24 ... 48 V              |     |
| • at 60 Hz rated value                                     | 24 ... 48 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                             | RC element               |     |
| <b>Ambient conditions</b>                                  |                          |     |
| ambient temperature  |                          |     |
| • during operation   | -25 ... +60 °C           |     |
| • during storage   | -40 ... +80 °C           |     |
| <b>Installation/ mounting/ dimensions</b>                  |                          |     |
| height   | 55 mm                    |     |
| width  | 25 mm                    |     |
| depth  | 23 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 |

[Environmental Con-  
firmations](#)



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

[Type Test Certificates/Test Report](#)



[Confirmation](#)



Railway

[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=3RT2946-1CB00>

Cax online generator

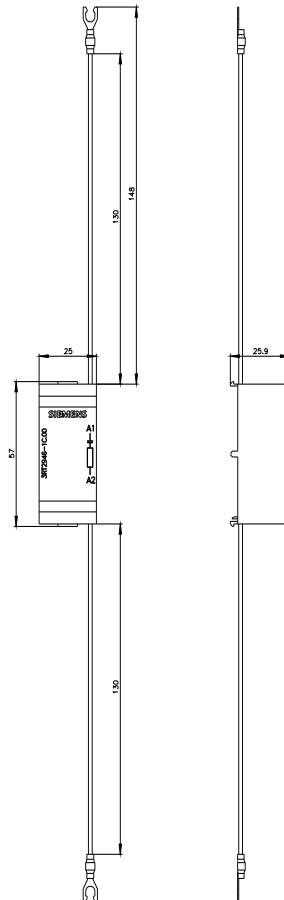
<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT2946-1CB00>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3RT2946-1CB00>

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

[https://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3RT2946-1CB00&lang=en](https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RT2946-1CB00&lang=en)





last modified:

4/2/2025 