SIEMENS

## Data sheet 3RT2916-1LM00



surge suppressor, suppression diode with LED, 24-70 V DC, for contactors 3RT2.1 and auxiliary contactors 3RH2

| | |
|---|---|
| **product brand name** | SIRIUS |
| **product category** | Surge suppressor |
| **product designation** | Interference suppression diode 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 Prohibitance (day/month/year)** | 10/01/2009 |
| **Net Weight** | 0.006 kg |
| **type of voltage of the control supply voltage** | DC |
| **control supply voltage at DC rated value** | 24 ... 70 V |
| **design of the surge suppressor** | diode |
| **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 Confirmations

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


Subject to change without notice
© Copyright Siemens

RCM

Type Test Certific-ates/Test Report

Special Test Certific-ate

BUREAU VERITAS

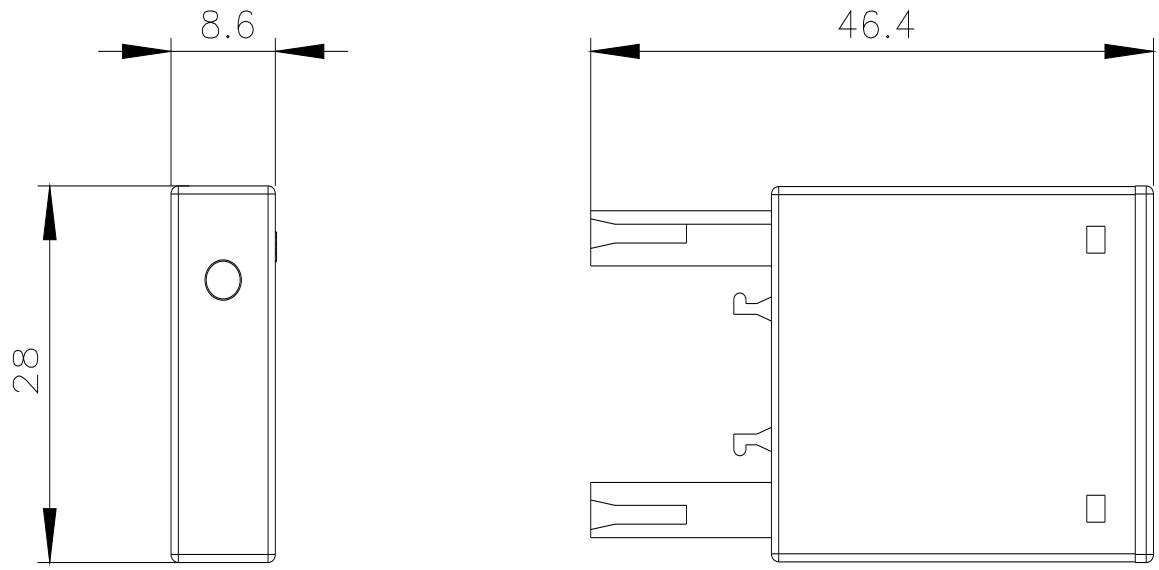
DNV

PRS

| Maritime application | other | | | Railway |
|---|---|---|---|---|
| RINA | Confirmation | Miscellaneous | 产品合格 QC PASS | Special Test Certific-ate |

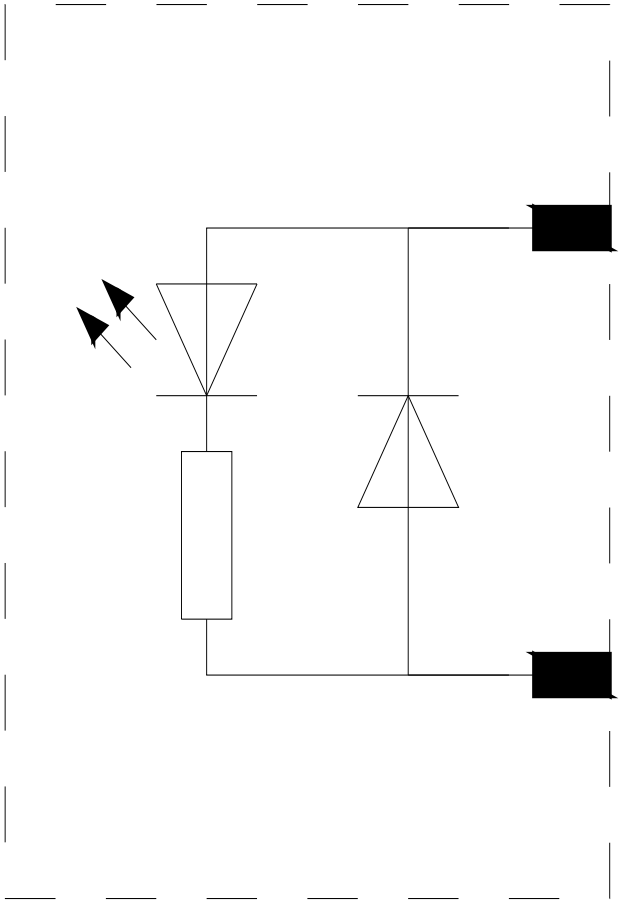
## Further information

**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=3RT2916-1LM00
**Cax online generator**
https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT2916-1LM00
**Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**
https://support.industry.siemens.com/cs/ww/en/ps/3RT2916-1LM00
**Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)**
https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RT2916-1LM00&lang=en





Subject to change without notice
© Copyright Siemens



**last modified:** 4/2/2025


Subject to change without notice
© Copyright Siemens