



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 (Date)	10/01/2009
SVHC substance name	Lead - 7439-92-1
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

Environmental footprint	
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

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

Approvals Certificates		
General Product Approval	EMV	Test Certificates



[Special Test Certificate](#)

Test Certificates	Maritime application
-------------------	----------------------

[Type Test Certificates/Test Report](#)



other

Railway

Environment

[Miscellaneous](#)



[Confirmation](#)

[Special Test Certificate](#)



[Environmental Confirmations](#)

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

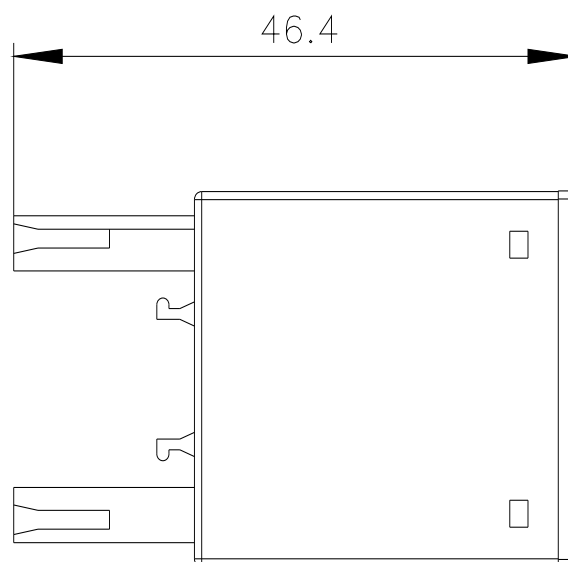
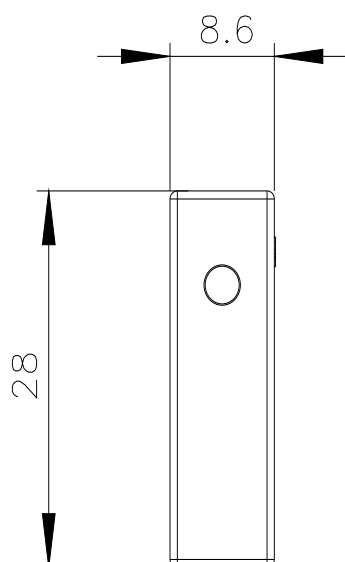
<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT2916-1LM00>

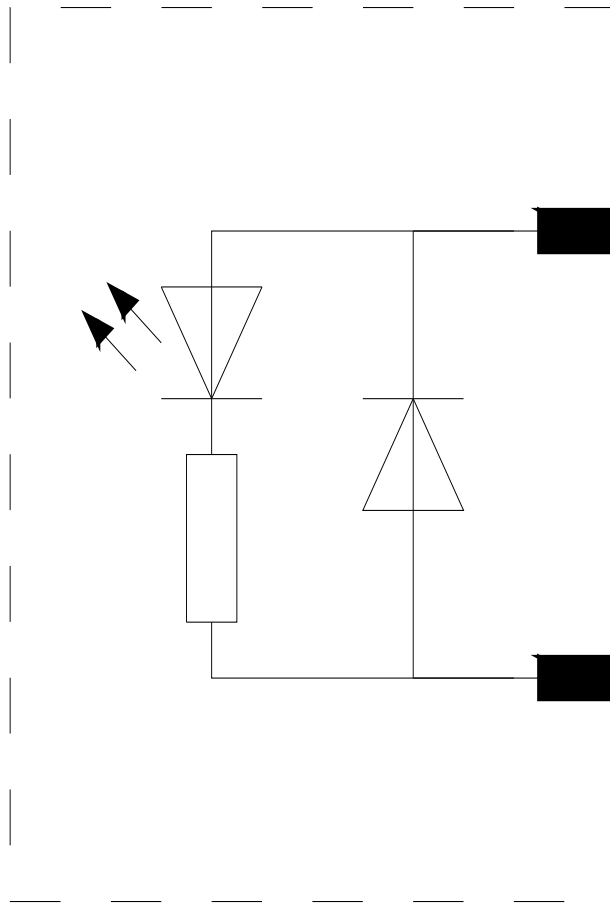
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<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





last modified:

4/2/2025 