

Data sheet

3RT2916-1DG00



surge suppressor, suppression diode 12-250 V DC, for contactors 3RT2.1 and auxiliary contactors 3RH2

product brand name	SIRIUS	
product category	Surge suppressor	
product designation	Interference suppression diode	
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 (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	12 ... 250 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



EG-Konf.



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RCM



[Special Test Certificate](#)

Test Certificates

Maritime application

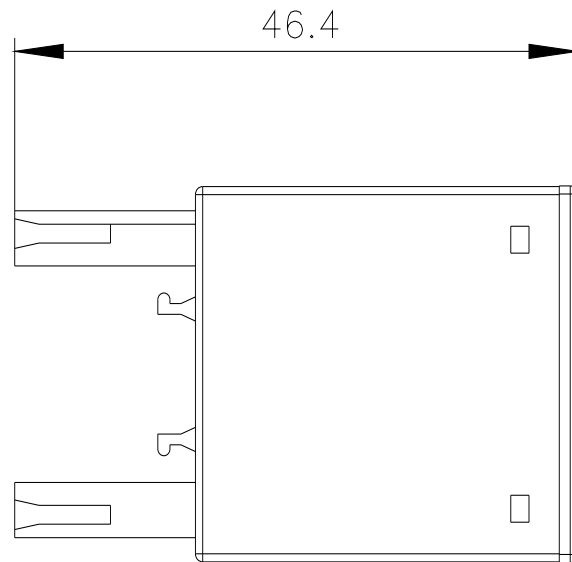
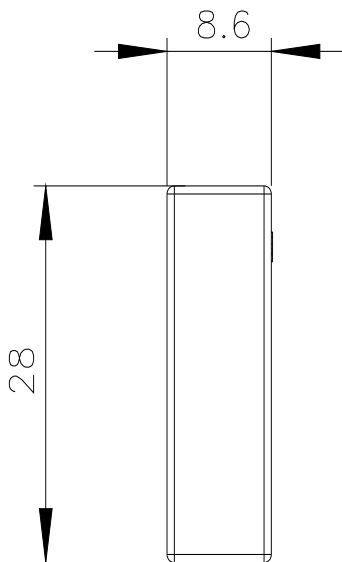
[Type Test Certificates/Test Report](#)

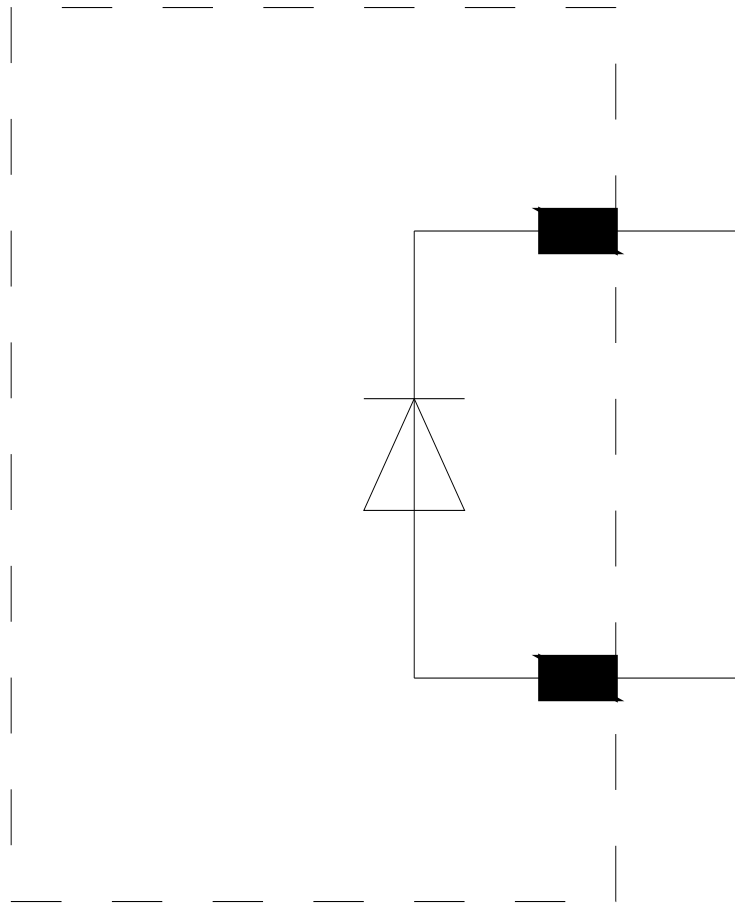


other	Railway	Environment
Miscellaneous 	Confirmation Special Test Certificate	 Environmental Confirmations


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=3RT2916-1DG00>
- Cax online generator
<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT2916-1DG00>
- Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
<https://support.industry.siemens.com/cs/ww/en/ps/3RT2916-1DG00>
- Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RT2916-1DG00&lang=en





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4/2/2025 

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sales@turl.com | +852 6339 7344