

Data sheet

3RT2916-1BB00



surge suppressor, varistor, 24-48 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	
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	6 g	
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	Varistor	
Ambient conditions		
ambient temperature		
• during operation	-25 ... +60 °C	
• during storage	-40 ... +80 °C	
Environmental footprint		
Environmental Product Declaration (EPD)	Yes	
global warming potential [CO ₂ eq] total	7.04 kg	
global warming potential [CO ₂ eq] during manufacturing	0.089 kg	
global warming potential [CO ₂ eq] during operation	6.96 kg	
global warming potential [CO ₂ 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



[Type Test Certificates/Test Report](#)

Test Certificates Maritime application

[Special Test Certificate](#)



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=3RT2916-1BB00>

Cax online generator

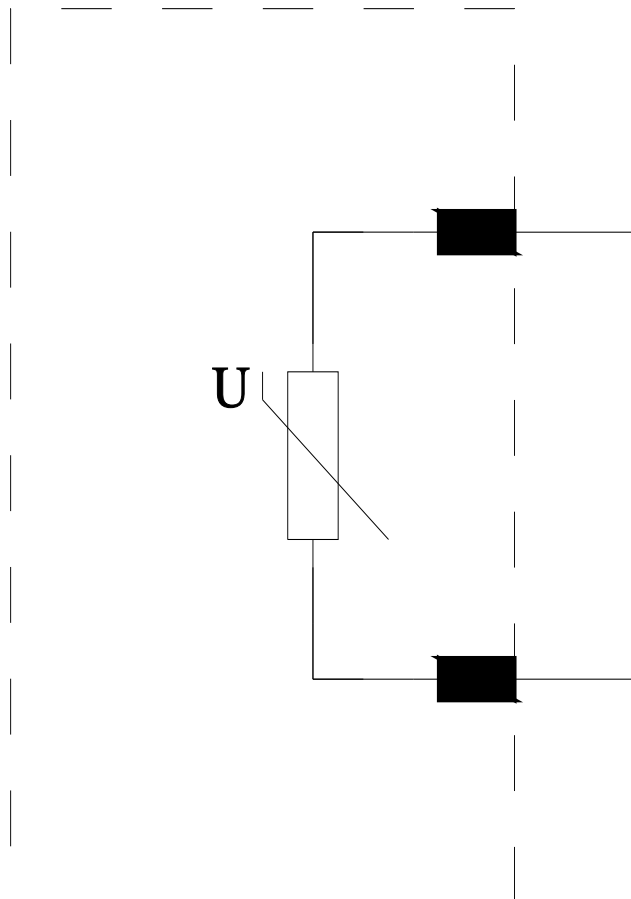
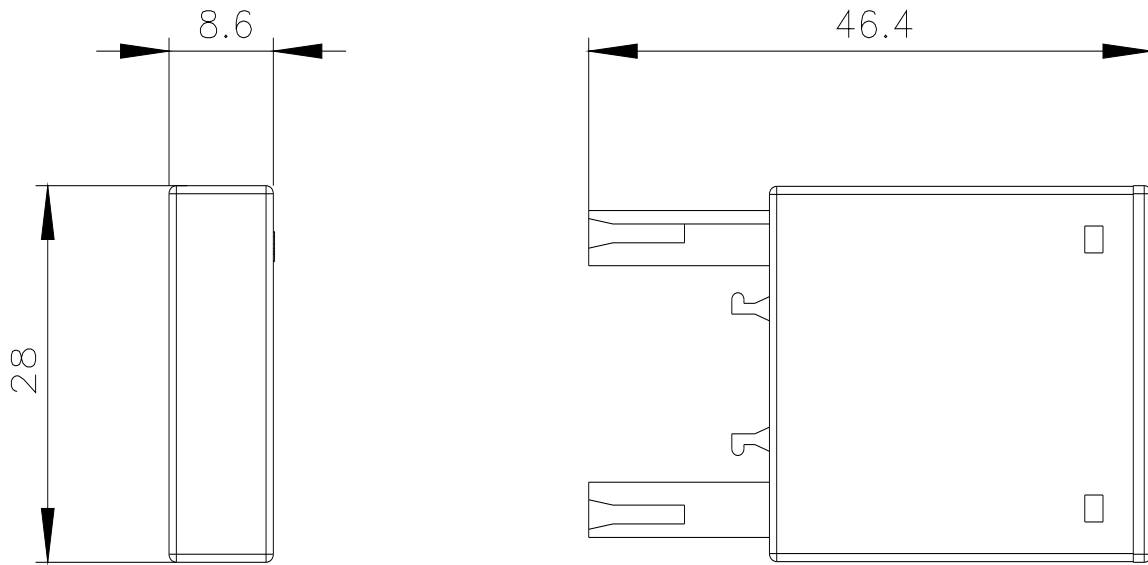
<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT2916-1BB00>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3RT2916-1BB00>

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

https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RT2916-1BB00&lang=en



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4/2/2025 

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