



surge suppressor, varistor with LED, 24-48 V AC, 50/60 Hz, 12-24 V DC, for contactors 3RT2.1 and auxiliary contactors 3RH2

product brand name	SIRIUS	
product category	Surge suppressor	
product designation	Varistor with LED	
product type designation	3RT29	
suitability for use	for 3RT2.1 contactors and 3RH2 auxiliary contactors	
<b>General technical data</b>		
certificate of suitability	CE / UL / CSA	
size of contactor	S00	
Substance Prohibitance (Date)	10/01/2009	
SVHC substance name	Lead - 7439-92-1	
Weight	0.007 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	12 ... 24 V	
design of the surge suppressor	Varistor	
<b>Ambient conditions</b>		
ambient temperature		
• during operation	-25 ... +60 °C	
• during storage	-40 ... +80 °C	
<b>Environmental footprint</b>		
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	
<b>Installation/ mounting/ dimensions</b>		
mounting position	any	
fastening method	clip-on	
height	46 mm	
width	28 mm	
depth	9 mm	
<b>Approvals Certificates</b>		
General Product Approval	EMV	Test Certificates



[Special Test Certificate](#)

Test Certificates

Marine / Shipping

[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- 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=3RT2916-1JJ00>

Cax online generator

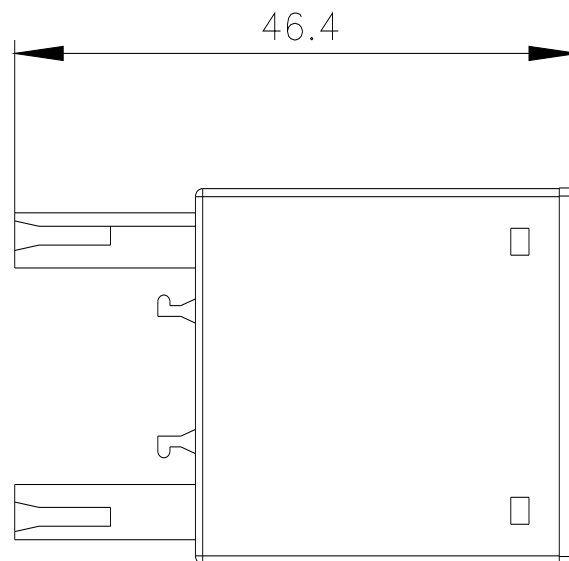
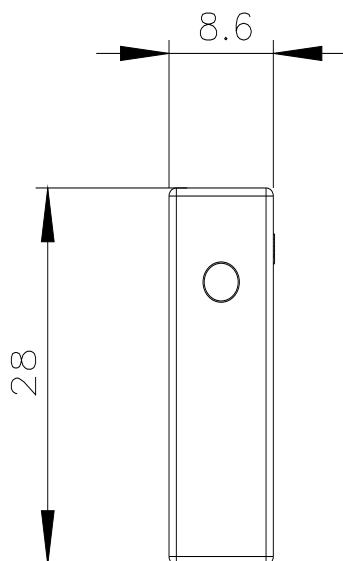
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT2916-1JJ00>

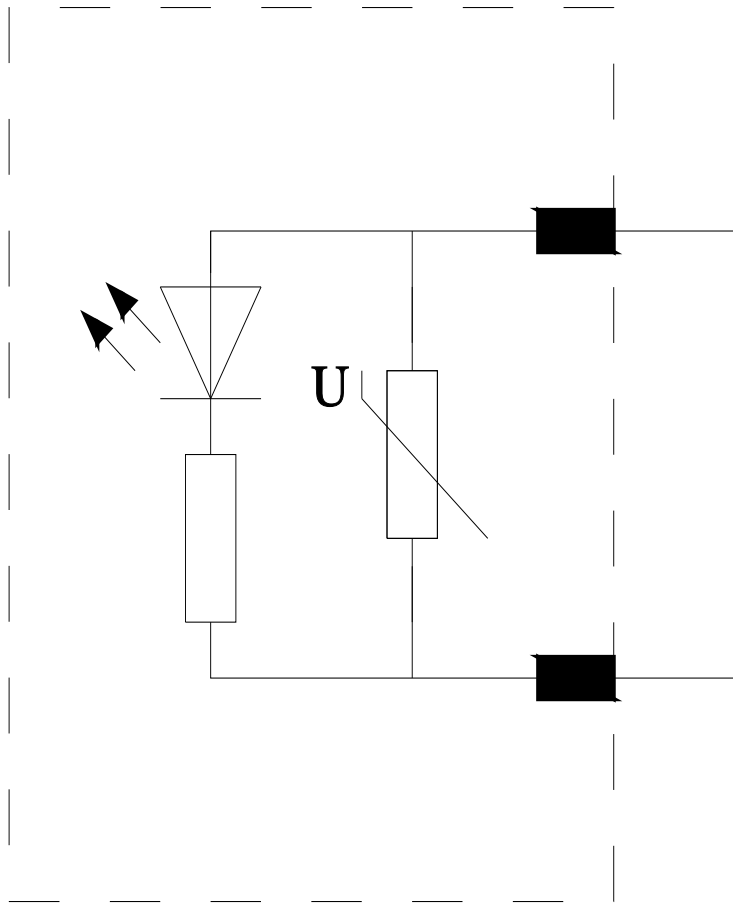
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3RT2916-1JJ00>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3RT2916-1JJ00&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RT2916-1JJ00&lang=en)





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