



surge suppressor, varistor with LED, 48-127 V AC, 50/60 Hz, 24-70 V DC, for contactors 3RT2.3 and 3RT2.4

product brand name	SIRIUS	
product category	Surge suppressor	
product designation	Varistor with LED	
product type designation	3RT29	
suitability for use	for 3RT2.3 and 3RT2.4 contactors	
<b>General technical data</b>		
certificate of suitability	CE / UL / CSA	
size of contactor	S2, S3	
Substance Prohibitance (Date)	10/01/2014	
SVHC substance name	Lead - 7439-92-1	
Weight	0.006 kg	
type of voltage of the control supply voltage	AC/DC	
control supply voltage at AC		
• at 50 Hz rated value	48 ... 127 V	
• at 60 Hz rated value	48 ... 127 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 with LED	
<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	30 mm	
width	30 mm	
depth	15 mm	
<b>Approvals Certificates</b>		
General Product Approval	EMV	Test Certificates



[Type Test Certificates/Test Report](#)

Maritime application

other



[Confirmation](#)

Railway

Environment

[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=3RT2936-1JK00>

Cax online generator

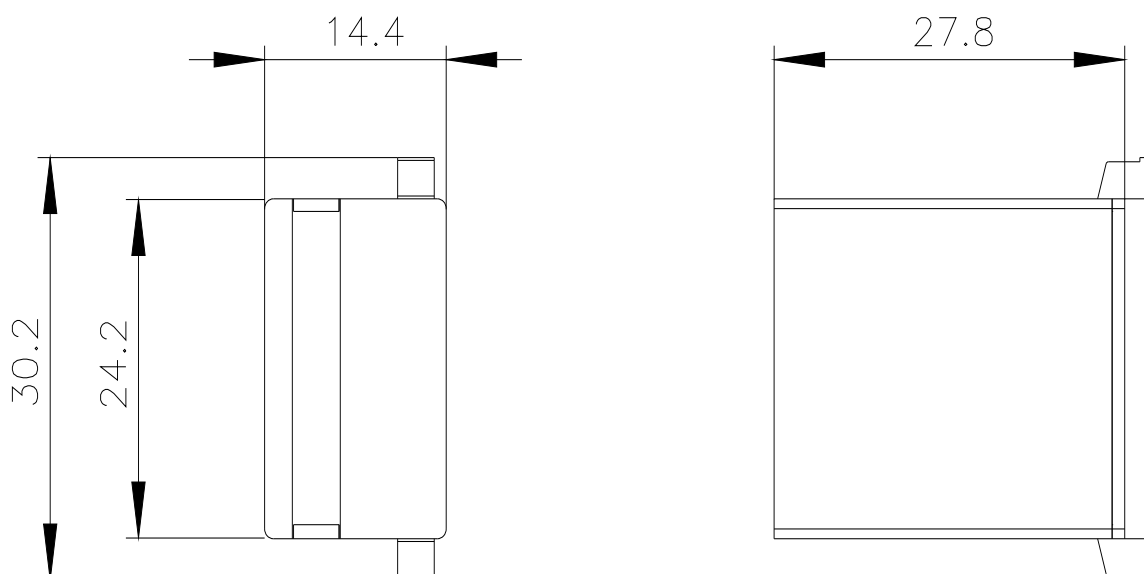
<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT2936-1JK00>

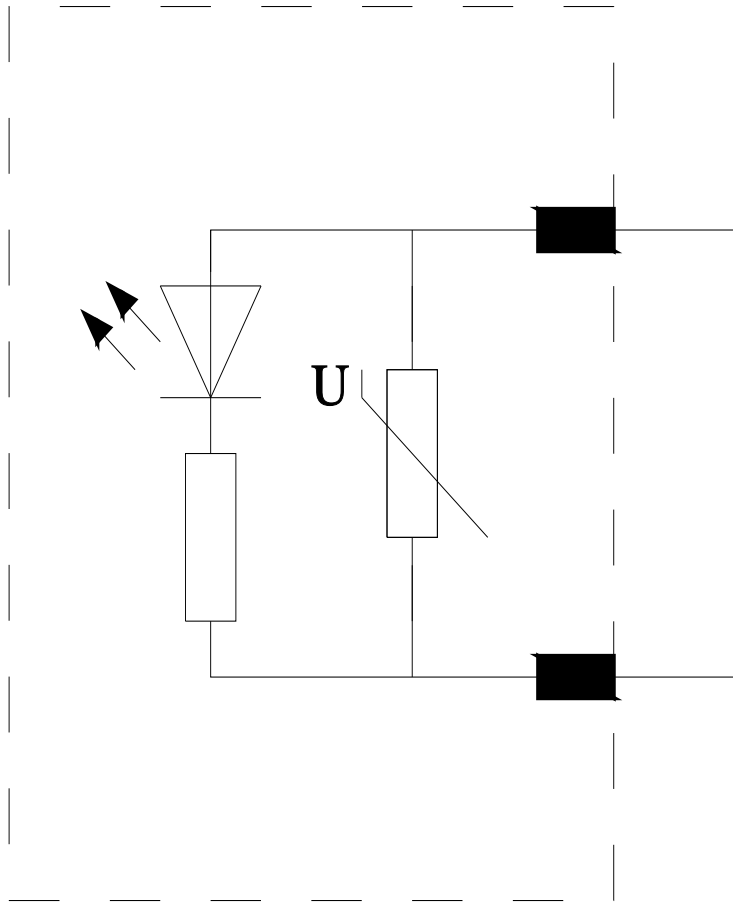
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3RT2936-1JK00>

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

[https://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3RT2936-1JK00&lang=en](https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RT2936-1JK00&lang=en)





last modified:

4/2/2025 