



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		
General technical data			
certificate of suitability	CE / UL / CSA		
size of contactor	S00		
Substance Prohibittance (Date)	10/01/2009		
SVHC substance name	Lead - 7439-92-1		
Net 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		
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=3RT2916-1JJ00>

Cax online generator

<https://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, ...)

https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RT2916-1JJ00&lang=en



