SIEMENS

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 Prohibitance (day/month/year)	10/01/2009
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
Installation/ mounting/ dimensions	
mounting position	any
fastening method	clip-on
height	46 mm
width	28 mm
depth	9 mm
Approvals Certificates	
Environmental Product Declaration	
● global warming potential [CO2 eq] / during manufacturing	0.0885 kg
● global warming potential [CO2 eq] / during operation	6.96 kg
● global warming potential [CO2 eq] / after end of life	-0.0061 kg
● global warming potential [CO2 eq] / total	7.04 kg

Environment	**General Product Approval**

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Environmental Confirmations

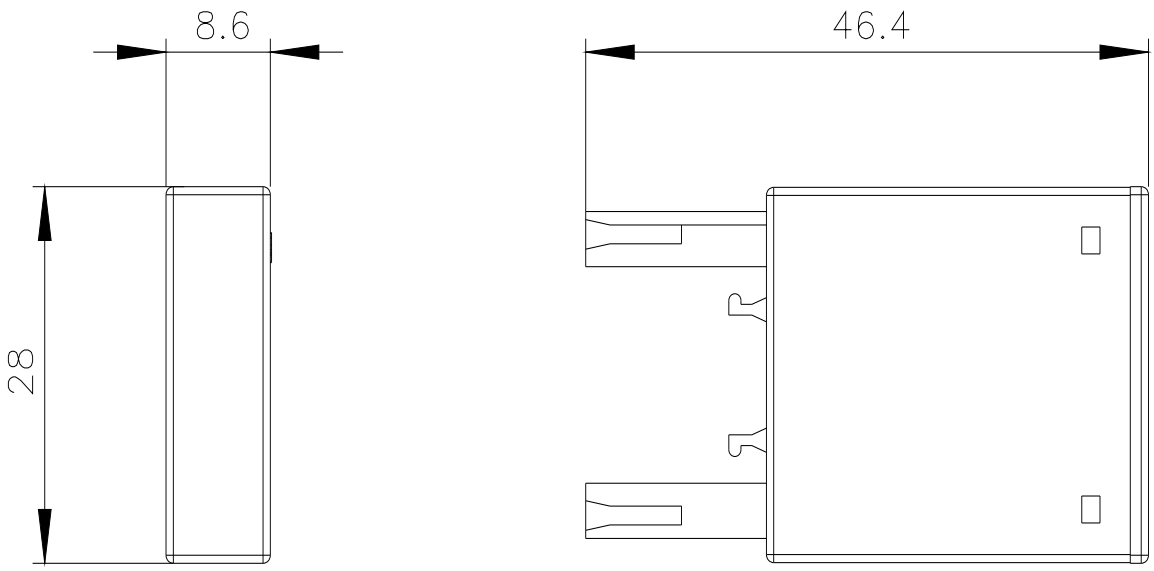
EMV	Test Certificates		Maritime application		
RCM	Type Test Certificates/Test Report	Special Test Certificate	BUREAU VERITAS	DNV	PRS

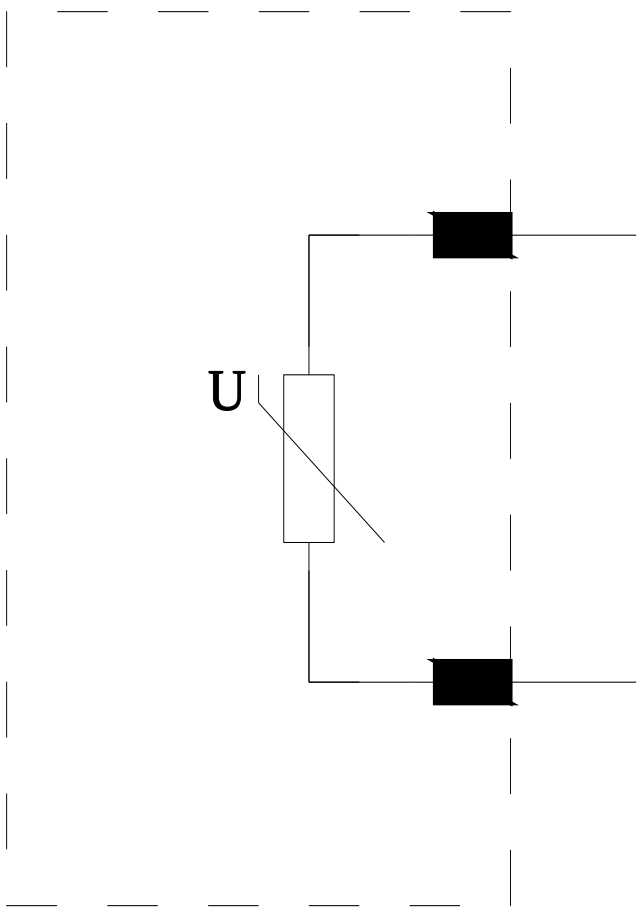
Maritime application	other			Railway
RINA	Confirmation	Miscellaneous	产品合格 QC PASS	Special Test Certificate

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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