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Data sheet 3RT2916-1BD00

surge suppressor, varistor, 127-240 V AC, 50/60 Hz, 150-250 V DC, for contactors 3RT2.1 and auxiliary contactors 3RH2

product brand name	SIRIUS
product category	Surge suppressor
product designation	Varistor
General technical data	
size of contactor	S00
Substance Prohibitance (Date)	10/01/2009
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	127 ... 240 V
● at 60 Hz rated value	127 ... 240 V
control supply voltage 1 at AC	
● at 50 Hz	127 ... 240 V
● at 60 Hz	127 ... 240 V
control supply voltage frequency	
● 1 rated value	50 Hz
● 2 rated value	60 Hz
control supply voltage at DC rated value	150 ... 250 V
control supply voltage 1 at DC	150 ... 250 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	

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CSA	EG-Konf.	UK CA	Confirmation	UR	EAC

EMV	Test Certificates		Marine / Shipping		
RCM	Type Test Certific-ates/Test Report	Special Test Certific-ate	BUREAU VERITAS	DNV	PRS

Marine / Shipping		other		Railway	Environment
RINA	RMRS	Miscellaneous	Confirmation	Special Test Certific-ate	EPD

Environment
Environmental Con-firmations

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=3RT2916-1BD00
Cax online generator
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT2916-1BD00
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3RT2916-1BD00
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RT2916-1BD00&lang=en

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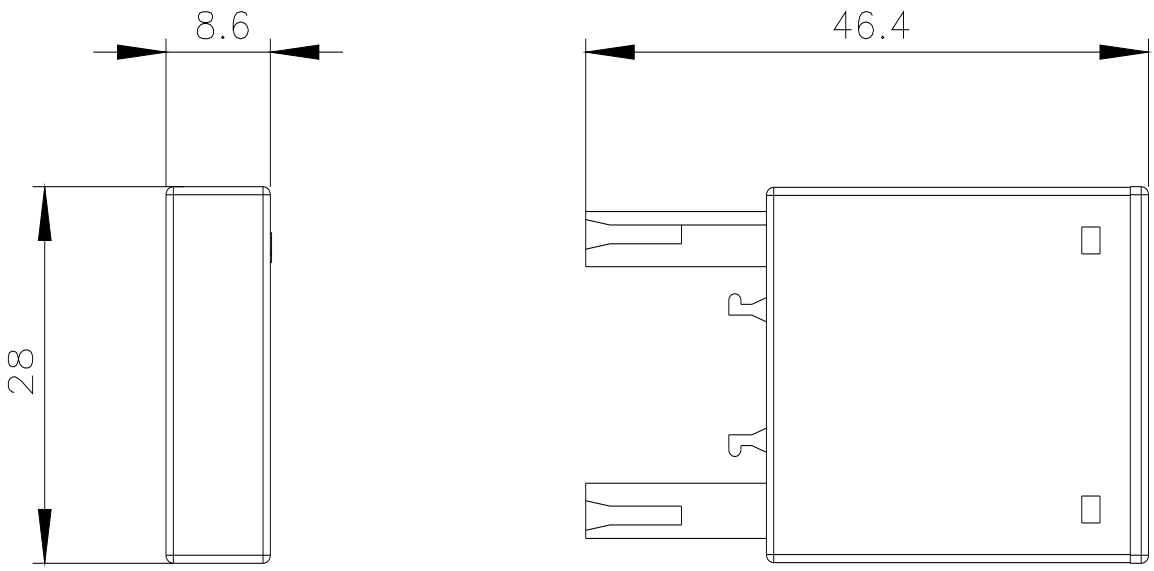

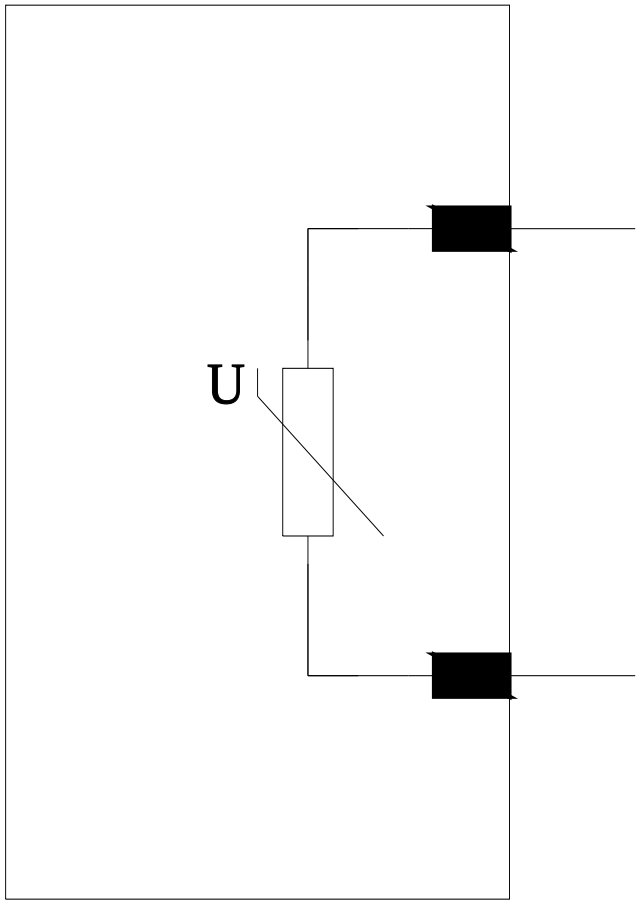

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