



surge suppressor, varistor, 48-127 V AC, 50/60 Hz, 70-150 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	48 ... 127 V
• at 60 Hz rated value	48 ... 127 V
control supply voltage 1 at AC	
• at 50 Hz	48 ... 127 V
• at 60 Hz	48 ... 127 V
control supply voltage frequency	
• 1 rated value	50 Hz
• 2 rated value	60 Hz
control supply voltage at DC rated value	70 ... 150 V
control supply voltage 1 at DC	70 ... 150 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	



[Confirmation](#)



EMV	Test Certificates	Marine / Shipping
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[Type Test Certificates/Test Report](#)

[Special Test Certificate](#)



Marine / Shipping	other	Railway	Environment
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[Confirmation](#)

[Miscellaneous](#)

[Special Test Certificate](#)



Environment

[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=3RT2916-1BC00>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT2916-1BC00>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3RT2916-1BC00>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RT2916-1BC00&lang=en



