



Figure similar

Temperature monitoring relay PT100/1000 KTY83/84, NTC 2 threshold values digitally adjustable -58 °F to 932 °F 24 V AC/DC 2 x 1 CO + 1 NO, Width 45 mm screw terminal

product brand name	SIRIUS
product designation	Temperature monitoring relay
product type designation	3RS20
General technical data	
product function	temperature monitoring
reference code acc. to IEC 81346-2	K
measurable Fahrenheit temperature	
• initial value	-58 °F
• full-scale value	932 °F
Substance Prohibance (Date)	01.05.2012 00:00:00
product function	
• error memory	Yes
• external reset	Yes
design of the sensor connectable	PT100/1000, KTY83/84, NTC (resistance sensors)
Control circuit/ Control	
control supply voltage 1 at AC	
• at 50 Hz rated value	24 V
• at 60 Hz rated value	24 V
control supply voltage 1	
• at DC rated value	24 V
supply voltage frequency for auxiliary and control circuit	50 ... 60 Hz
number of measuring circuits	1
Auxiliary circuit	
number of NC contacts for auxiliary contacts	0
number of NO contacts for auxiliary contacts	1
number of CO contacts for auxiliary contacts	2
Connections/ Terminals	
type of electrical connection	
• for auxiliary and control circuit	screw-type terminals
type of electrical connection plug-in socket	Yes
Installation/ mounting/ dimensions	
fastening method	screw and snap-on mounting onto 35 mm standard mounting rail
height	106 mm
width	45 mm
depth	91 mm
Ambient conditions	
ambient temperature	
• during operation	-25 ... +60 °C

Certificates/ approvals

General Product Approval	Declaration of Conformity	Test Certificates	other
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[Type Test Certificates/Test Report](#)

[Confirmation](#)

Further information

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=3RS2040-1GD50>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RS2040-1GD50>

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

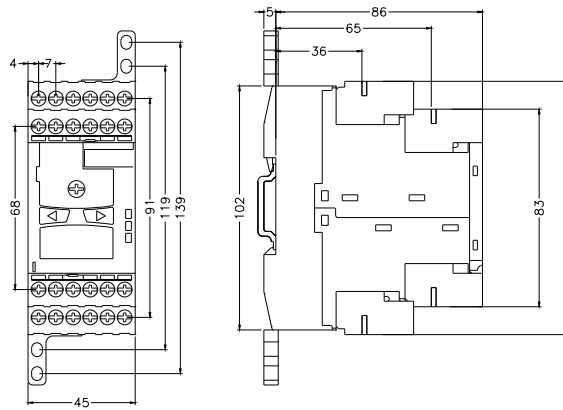
<https://support.industry.siemens.com/cs/ww/en/ps/3RS2040-1GD50>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RS2040-1GD50&lang=en

Characteristic: Derating

<https://support.industry.siemens.com/cs/ww/en/ps/3RS2040-1GD50/manual>



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