SIEMENS

Data sheet

3RS2041-1GW50

Figure similar

temperature monitoring relay Pt100/1000 KTY83/84, NTC 3 sensors, 2 threshold values digitally adjustable -58 °F to 932 °F 24 - 240 V AC/DC 2 x 1 CO + 1 NO, width 45 mm screw terminal !!!phased-out product!!! the preferred successor is 3RS2600-1BW30+3RS2900-1AW30

product brand name	SIRIUS
product designation	Temperature monitoring relay
product type designation	3RS20
General technical data	
product function	temperature monitoring
reference code according to IEC 81346-2	K
measurable Fahrenheit temperature	
● initial value	-58 °F
● full-scale value	932 °F
Substance Prohibitance (Date)	05/01/2012
SVHC substance name	Lead - 7439-92-1 Lead monoxide (lead oxide) - 1317-36-8 6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol - 119-47-1
Weight	0.315 kg
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	24 ... 240 V
● at 60 Hz	24 ... 240 V
control supply voltage 1 at DC	24 ... 240 V
supply voltage frequency for auxiliary and control circuit	50 ... 60 Hz
number of measuring circuits	3
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 DIN rail
height	106 mm
width	45 mm
depth	91 mm
Ambient conditions	

ambient temperature	
● during operation	-25 ... +60 °C

Approvals Certificates

General Product Approval

Confirmation

EMV	Test Certificates	other	Environment
KC	Type Test Certificates/Test Report	Confirmation	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=3RS2041-1GW50

Cax online generator
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RS2041-1GW50

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3RS2041-1GW50
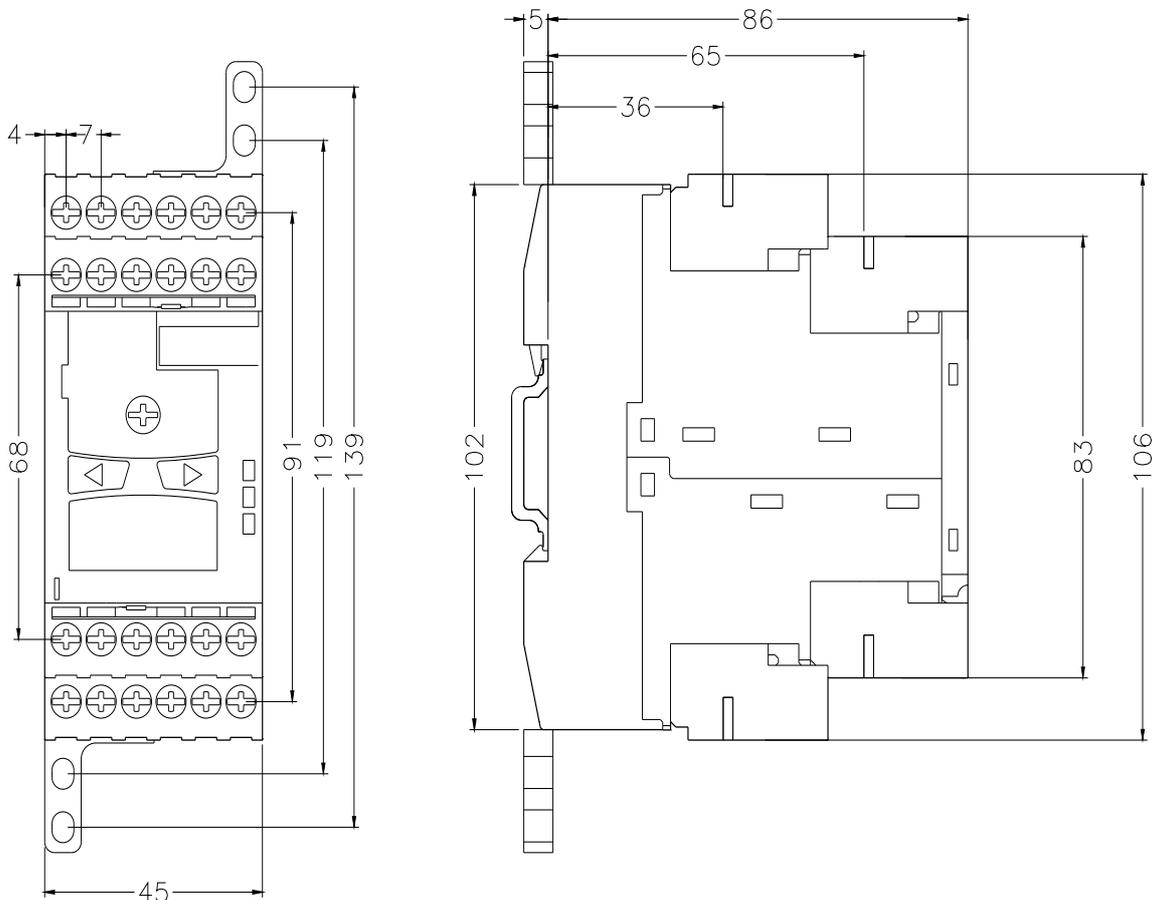
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RS2041-1GW50&lang=en

Characteristic: Derating
https://support.industry.siemens.com/cs/ww/en/ps/3RS2041-1GW50/manual

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