

Temperature monitoring relay PT100/1000, KTY83/84, NTC 2 threshold values digitally adjustable -50 °C to 500 °C 24 - 240 V AC/DC 2 x 1 CO + 1 NO, Width 45 mm Spring-type terminal



Figure similar

Product brand name	SIRIUS
Product designation	Temperature monitoring relay
Design of the product	2 threshold values, digitally adjustable
Product type designation	3RS10
General technical data	
Reference code acc. to DIN 40719 extended according to IEC 204-2 acc. to IEC 750	K
Reference code acc. to DIN EN 81346-2	K
Reference code acc. to DIN EN 61346-2	K
Measurable temperature	
• initial value	-50 °C
• Full-scale value	500 °C
Product function	
• Fault storage	Yes
• External reset	Yes
Design of the sensor connectable	PT100/1000, KTY83/84, NTC (resistance sensors)
Measurable temperature with KTY-sensor maximum	200 °C

Sensor current with KTY-sensor	0.3 mA
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Control circuit/ Control

Type of voltage	AC/DC
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 current 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 current circuit	spring-loaded terminals
Type of electrical connection Plug-in socket	Yes

Installation/ mounting/ dimensions

Mounting type	screw and snap-on mounting onto 35 mm standard mounting rail
Height	108 mm
Width	45 mm
Depth	91 mm

Certificates/ approvals

General Product Approval	Declaration of Conformity	Test Certificates
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CCC



UL



EG-Konf.

[Miscellaneous](#)

[Type Test Certificates/Test Report](#)

other

[Confirmation](#)

Further information

Information- and Downloadcenter (Catalogs, Brochures,...)

www.siemens.com/sirius/catalogs

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RS1040-2GW50>

Cax online generator

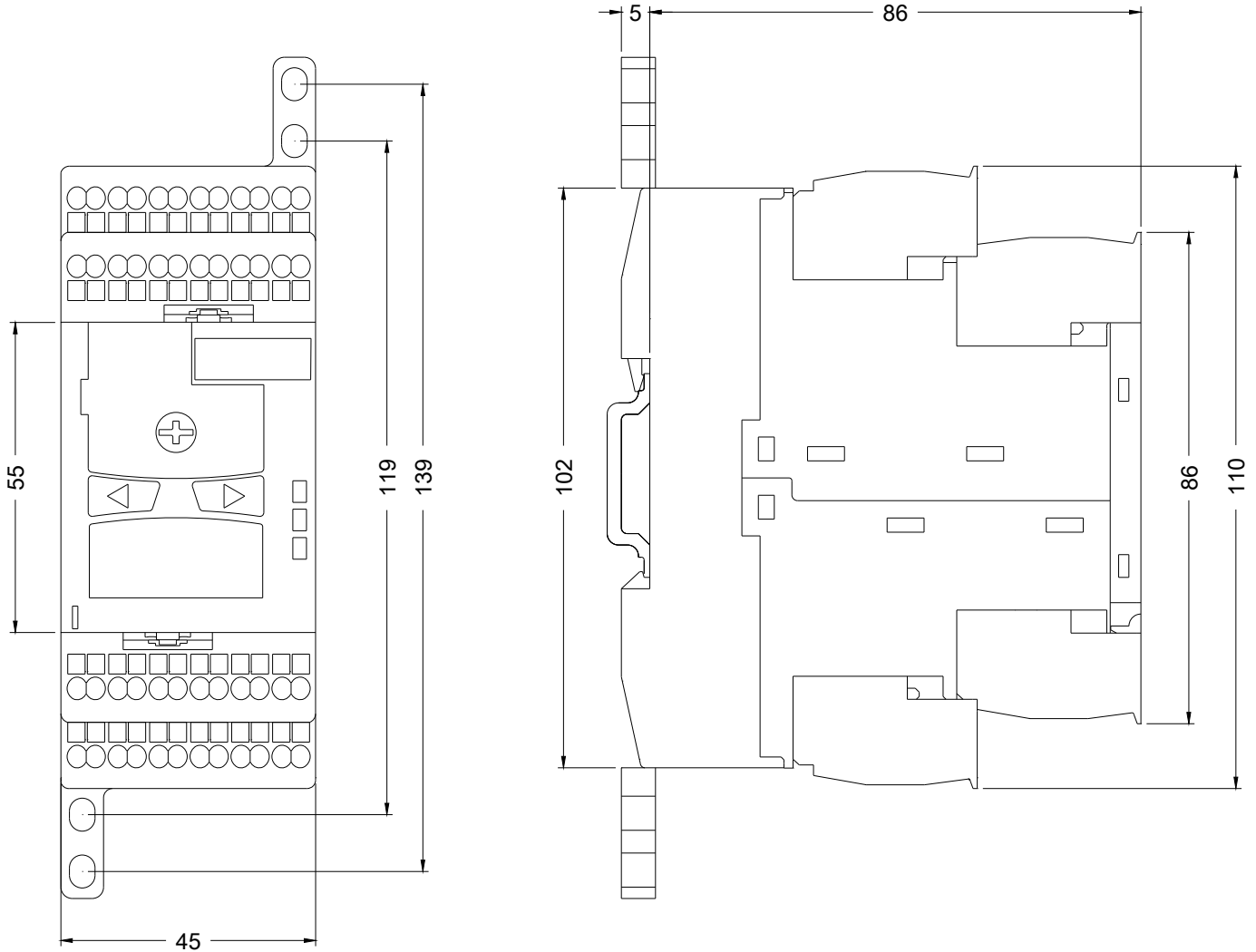
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RS1040-2GW50>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3RS1040-2GW50>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RS1040-2GW50&lang=en



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