

Temperature monitoring relay Pt100, Undershoot 1 threshold value, Width 22.5 mm 0 °C to 100 °C 110-120/220-240 V AC 1 NO + 1 NC, quiescent current principle screw terminal



Figure similar

product brand name	SIRIUS
Product designation	Temperature monitoring relay
Design of the product	Undershoot, 1 threshold value
Product type designation	3RS10
General technical data	
Power loss [W] maximum	2 W
power loss [V·A] maximum	4 V·A
Reference code acc. to DIN EN 81346-2	K
Measurable temperature	
• initial value	0 °C
• Full-scale value	100 °C
Product function	
• Fault storage	No
• External reset	No
design of the sensor connectable	PT100 (resistance sensor)
Control circuit/ Control	
type of voltage	AC

Control supply voltage 1 at AC	
• at 50 Hz rated value	110 V
• at 60 Hz rated value	110 V
Control supply voltage 2 at AC	
• at 50 Hz rated value	230 V
• at 60 Hz rated value	230 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	1
Number of NO contacts for auxiliary contacts	1
Number of CO contacts	
• for auxiliary contacts	0

Connections/ Terminals

• Type of electrical connection for auxiliary and control current circuit	screw-type 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	92 mm
Width	22.5 mm
Depth	91 mm

Ambient conditions

Ambient temperature	
• during operation	-25 ... +60 °C

Certificates/ approvals

General Product Approval	Declaration of Conformity	Test Certificates
 CCC	 UL	 EAC
	 EG-Konf.	Miscellaneous Type Test Certificates/Test Report

other

[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?mfb=3RS1010-1CK10>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mfb=3RS1010-1CK10>

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

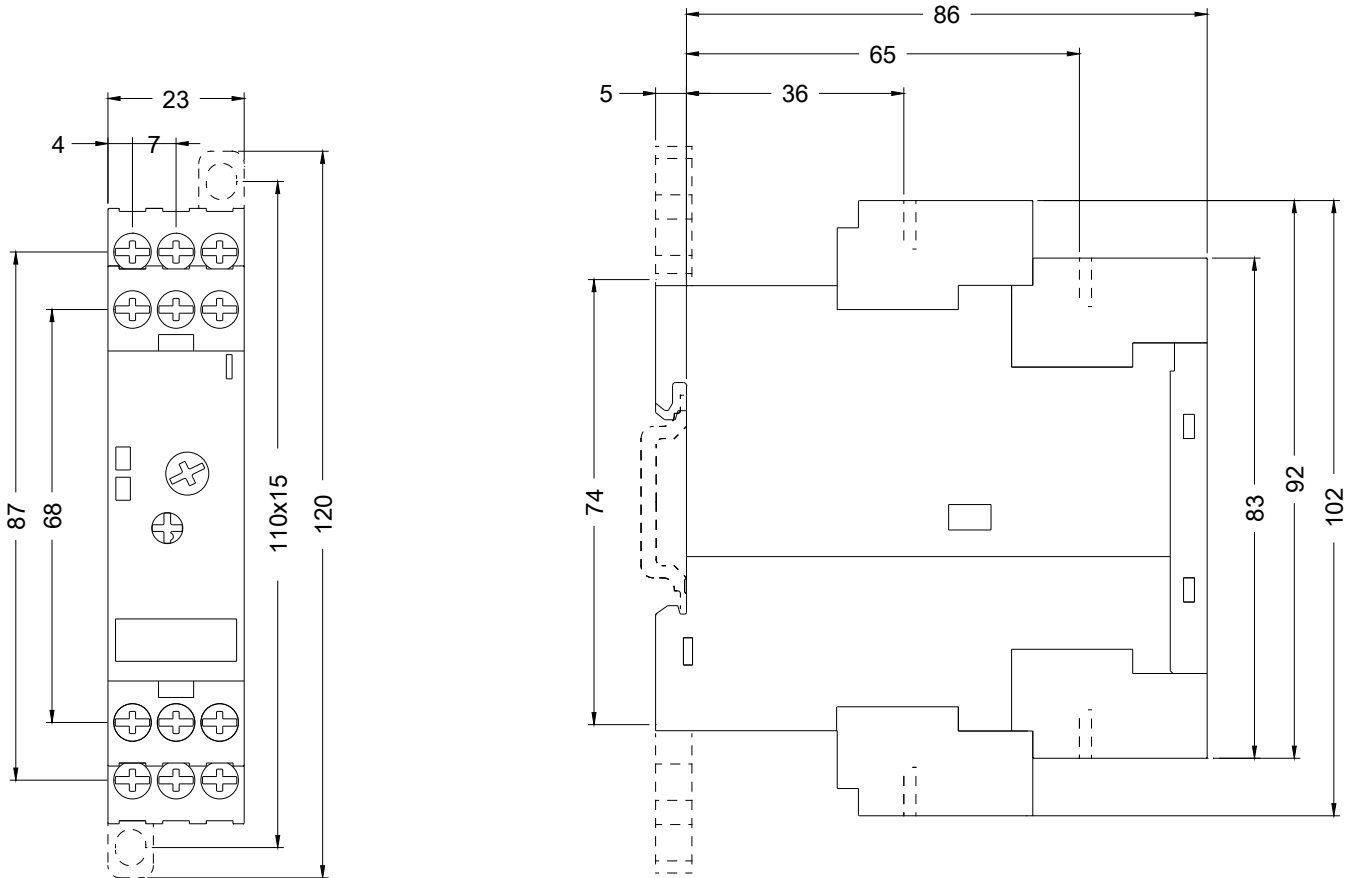
<https://support.industry.siemens.com/cs/ww/en/ps/3RS1010-1CK10>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mfb=3RS1010-1CK10&lang=en

Characteristic: Derating

<https://support.industry.siemens.com/cs/ww/en/ps/3RS1010-1CK10/manual>



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