

Temperature monitoring relay PT1000, Overshoot 1 threshold value, Width 22.5 mm 0 °C to 100 °C 24 V AC/DC 1 NO + 1 NC, quiescent current principle Spring-type terminal 1 NO + 1 NC, Quiescent current principle Spring-type terminal



Figure similar

product brand name	SIRIUS
Product designation	Temperature monitoring relay
Design of the product	Overshoot, 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	PT1000 (resistance sensor)
Control circuit/ Control	
type of voltage	AC/DC





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 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	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	84 mm
Width	22.5 mm
Depth	91 mm

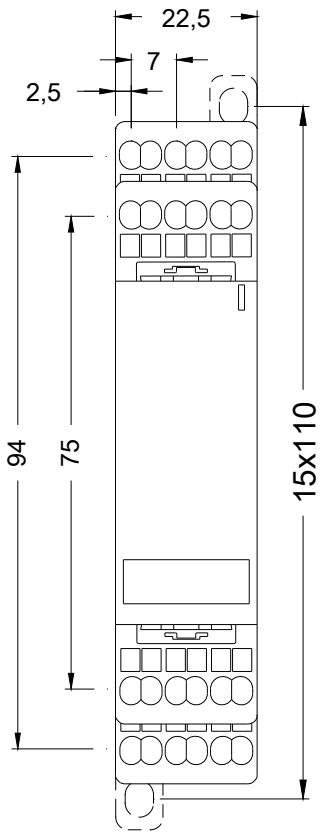
Ambient conditions	
Ambient temperature	
• during operation	-25 ... +60 °C

Certificates/ approvals		
General Product Approval	Declaration of Conformity	other
 CCC	 UL	
	 EG-Konf.	Miscellaneous
		Confirmation

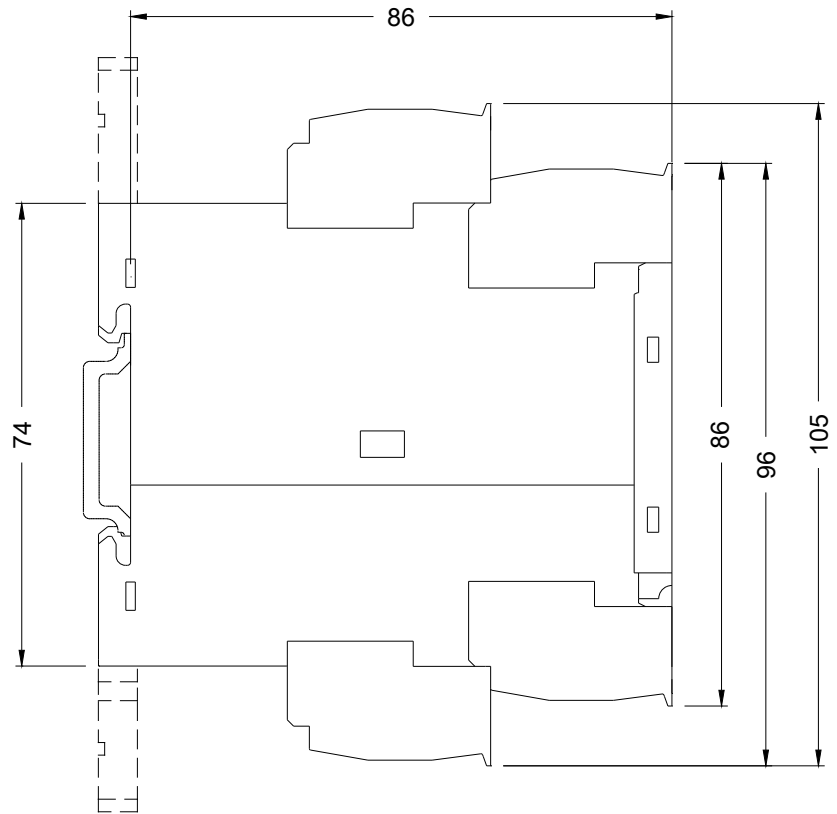
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Information- and Downloadcenter (Catalogs, Brochures,...) https://www.siemens.com/ic10
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Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3RS1002-2CD10
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RS1002-2CD10&lang=en

Characteristic: Derating

<https://support.industry.siemens.com/cs/ww/en/ps/3RS1002-2CD10/manual>



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