

Temperature monitoring relay PT100, Overshoot 1 threshold value, Width 22.5 mm 0 °C to 200 °C 24 V AC/DC 1 NO + 1 NC, quiescent current principle screw 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	200 °C
Product function	
• Fault storage	No
• External reset	No
Design of the sensor connectable	PT100 (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	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	83 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



[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?mlfb=3RS1000-1CD20>

Cax online generator

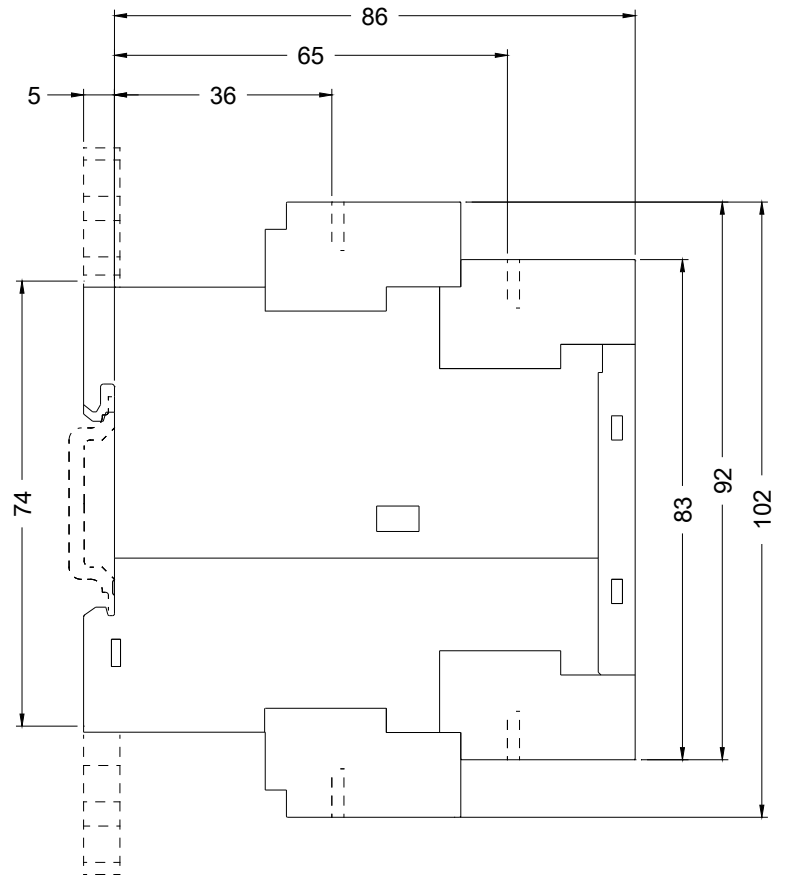
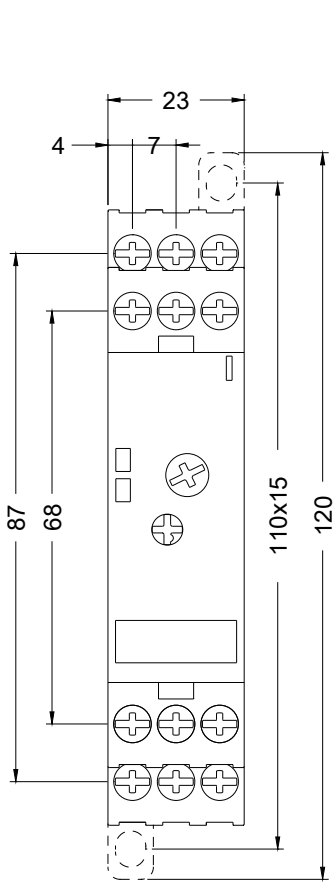
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RS1000-1CD20>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3RS1000-1CD20>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RS1000-1CD20&lang=en



last modified:

05/15/2020