

Temperature monitoring relay Pt100, Undershoot 1 threshold value, Width 22.5 mm 0 °C to 100 °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	Undershoot, 1 threshold value
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	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/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	92 mm
Width	22.5 mm
Depth	91 mm

#### Certificates/ approvals

General Product Approval	Declaration of Conformity	Test Certificates
 CCC	 UL	
	 EG-Konf.	<a href="#">Miscellaneous</a> <a href="#">Type Test Certificates/Test Report</a>

#### other

[Confirmation](#)

#### Further information

Information- and Downloadcenter (Catalogs, Brochures,...)  
[www.siemens.com/sirius/catalogs](http://www.siemens.com/sirius/catalogs)

**Industry Mall (Online ordering system)**

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mfb=3RS1010-1CD10>

**Cax online generator**

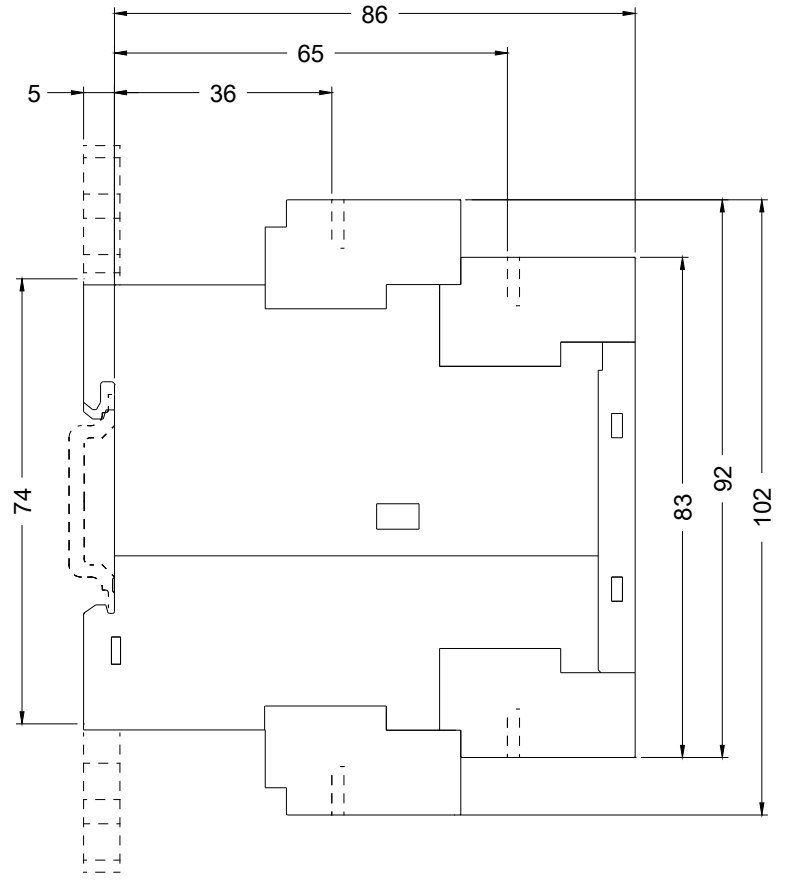
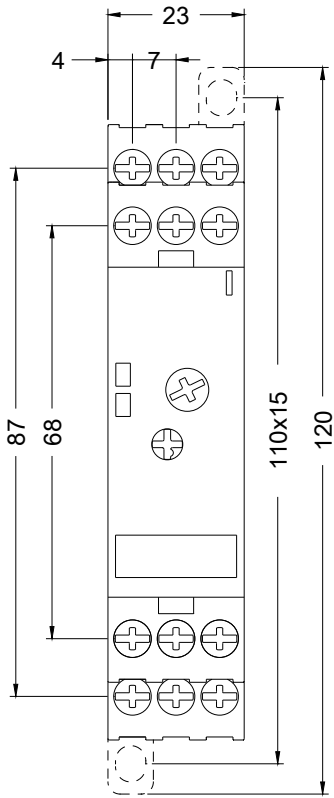
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mfb=3RS1010-1CD10>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3RS1010-1CD10>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mfb=3RS1010-1CD10&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mfb=3RS1010-1CD10&lang=en)



last modified:

07/26/2019