



Figure similar

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 !!!phased-out product!!! the preferred successor is 3RS2500-1AA30

<b>product brand name</b>	SIRIUS
<b>product designation</b>	Temperature monitoring relay
<b>design of the product</b>	Overshoot, 1 threshold value
<b>product type designation</b>	3RS10
<b>General technical data</b>	
<b>power loss [W] maximum</b>	2 W
<b>power loss [V·A] maximum</b>	4 VA
<b>reference code according to IEC 81346-2</b>	K
<b>measurable temperature</b>	
• initial value	0 °C
• full-scale value	200 °C
<b>Substance Prohibitance (Date)</b>	05/01/2012
<b>SVHC substance name</b>	Lead - 7439-92-1 Lead monoxide (lead oxide) - 1317-36-8 2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol - 79-94-7
<b>product function</b>	
• error memory	No
• external reset	No
<b>design of the sensor connectable</b>	PT100 (resistance sensor)
<b>Control circuit/ Control</b>	
<b>type of voltage</b>	AC/DC
<b>control supply voltage 1 at AC</b>	
• at 50 Hz rated value	24 V
• at 60 Hz rated value	24 V
<b>control supply voltage 1 at DC</b>	
• rated value	24 V
supply voltage frequency for auxiliary and control circuit	50 ... 60 Hz
<b>number of measuring circuits</b>	1
<b>Auxiliary circuit</b>	
<b>number of NC contacts for auxiliary contacts</b>	1
<b>number of NO contacts for auxiliary contacts</b>	1
number of CO contacts for auxiliary contacts	0
<b>Connections/ Terminals</b>	
type of electrical connection for auxiliary and control circuit	screw-type terminals
<b>type of electrical connection plug-in socket</b>	Yes
<b>Installation/ mounting/ dimensions</b>	
<b>fastening method</b>	screw and snap-on mounting onto 35 mm DIN rail
<b>height</b>	83 mm
<b>width</b>	22.5 mm
<b>depth</b>	91 mm

## Ambient conditions

ambient temperature during operation

-25 ... +60 °C

## Approvals Certificates

### General Product Approval



[Confirmation](#)



EMV

Test Certificates

other

[KC](#)

[Type Test Certificates/Test Report](#)

[Confirmation](#)

## Further information

### Information on the packaging

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

### 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,...)

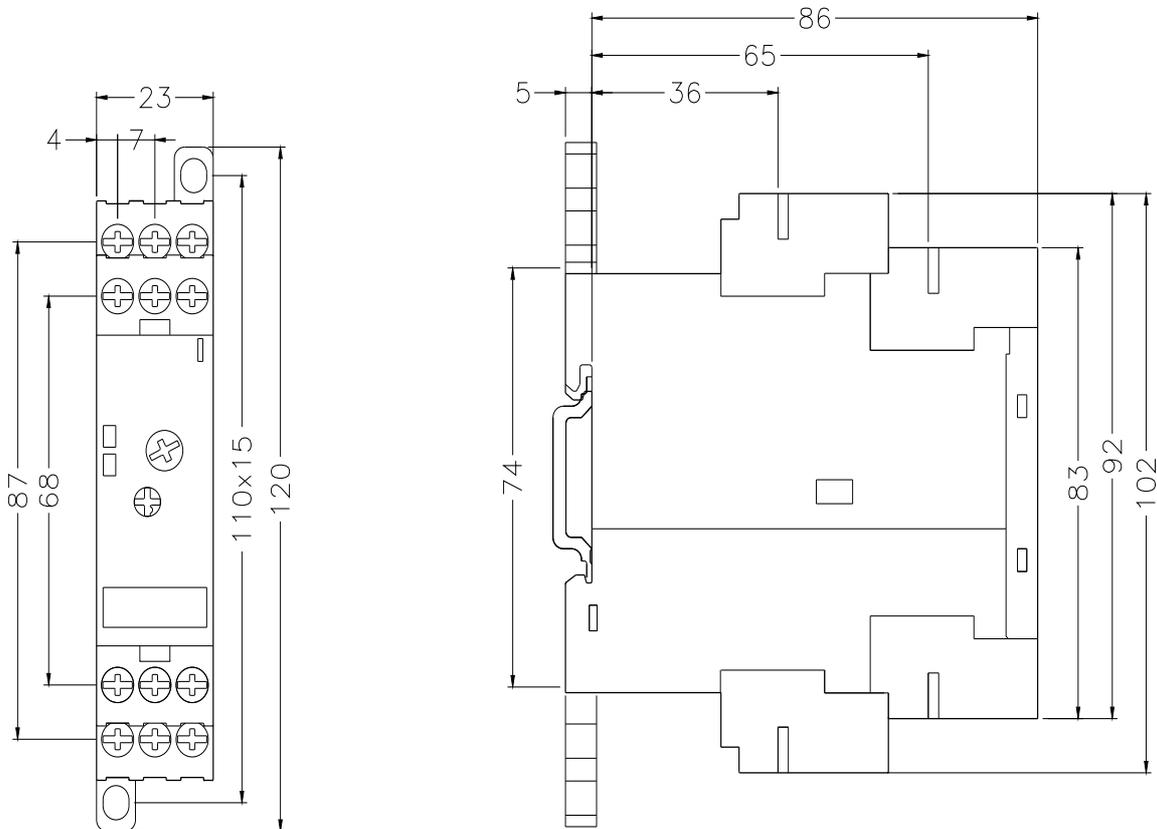
<https://support.industry.siemens.com/cs/ww/en/ps/3RS1000-1CD20>

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

### Characteristic: Derating

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



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