



TEMPERATURE MONITORING RELAY FOR PT100,  
EXCEEDING OF 2 THRESH. VAL.,  
WIDTH 22ND5 MM -50 C - +50 C,  
24 VAC/DC 1 NO+1 W,  
LOAD + CL.-CIRC.CURR. SCREW CONNECTION

### General technical details:

<b>type of voltage</b>		AC/DC
<b>Supply voltage frequency</b>		
<ul style="list-style-type: none"> <li>• 1 / for auxiliary and control current circuit</li> <li>• initial rated value</li> <li>• final rated value</li> <li>• 1 / at 50 Hz / for AC / rated value</li> <li>• 1 / at 60 Hz / for AC / rated value</li> <li>• 1 / for DC / rated value</li> </ul>	Hz	50
	Hz	60
	V	24
	V	24
	V	24
<b>Number of measuring circuits</b>		1
<b>Product function</b>		
<ul style="list-style-type: none"> <li>• defect storage</li> <li>• reset external</li> </ul>		No
		No
<b>Measurable temperature</b>		
<ul style="list-style-type: none"> <li>• initial value</li> <li>• final value</li> </ul>	°C	-50
	°C	50
<b>Item designation / according to DIN EN 61346-2</b>		K
<b>Item designation / according to DIN 40719 extendable after IEC 204-2 / according to IEC 750</b>		K
<b>Ambient temperature</b>		
<ul style="list-style-type: none"> <li>• during operating</li> </ul>	°C	-25 ... +60

## Mechanical design:

### Design of the electrical connection

- for auxiliary and control current circuit
- jumper socket

screw-type terminals

Yes

### Design of the sensor / connectable

PT100 (resistance sensor)

### Number of NC contacts / for auxiliary contacts

0

### Number of NO contacts / for auxiliary contacts

1

### Number of change-over switches / for auxiliary contacts

1

### Width

mm 22.5

### Height

mm 102

### Depth

mm 91

## Certificates/approvals:

### General Product Approval



CCC



GOST



UL

### Test Certificates

[Special Test Certificate](#)

### other

[Declaration of Conformity](#)

[Environmental Confirmations](#)

## Further information:

### Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/industrial-controls/catalogs>

### Industry Mall (Online ordering system)

<http://www.siemens.com/industrial-controls/mall>

### Cax online generator:

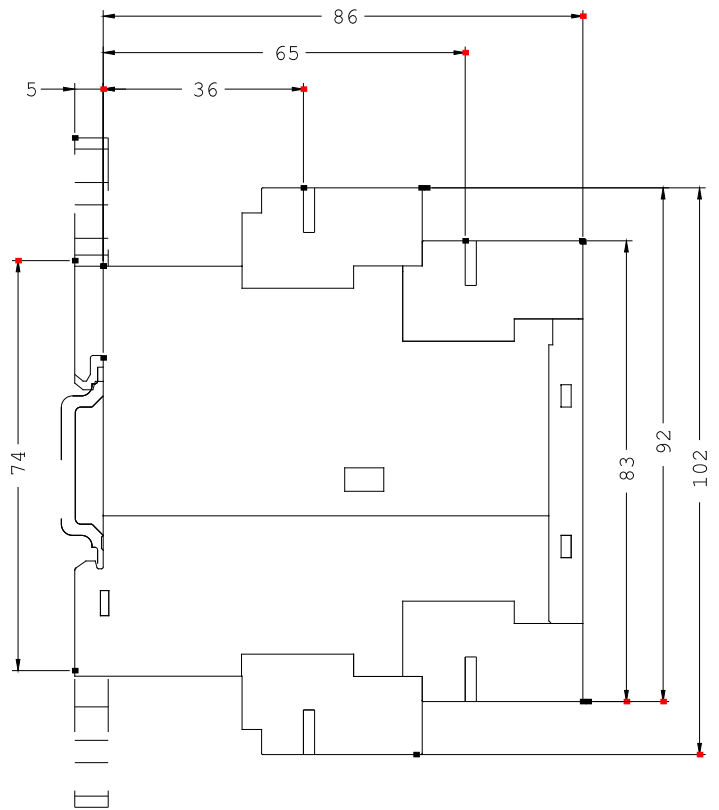
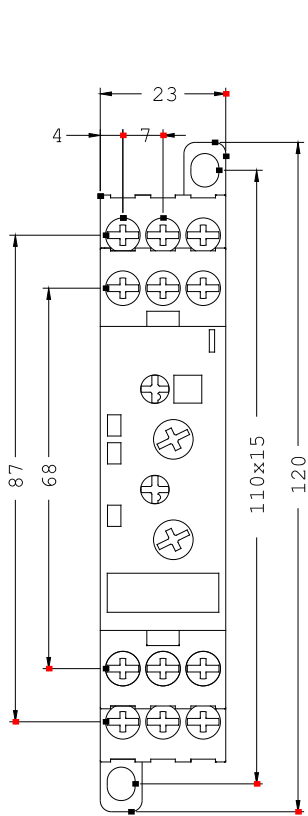
<http://www.siemens.com/cax>

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

<http://support.automation.siemens.com/WW/view/en/3RS1020-1DD00/all>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3RS1020-1DD00](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3RS1020-1DD00)



last change:

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