

TEMPERATURE MONITORING RELAY FOR PT100,  
EXCEEDING OF 1 THRESH. VAL., WIDTH 22ND5 MM  
0 C - 200 C, 24V AC/DC 1 NO + 1 NC, CLOSED-  
CIRC.PRINC. SCREW CONNECTION



Figure similar

| General technical data:  |    |       |
|--|----|-------|
| <b>Type of voltage</b>   |    | AC/DC |
| Supply voltage frequency 1 for auxiliary and control current circuit |    |       |
| • Initial rated value  | Hz | 50    |
| • Final rated value  | Hz | 60    |
| <b>Control supply voltage 1 at AC</b>                                |    |       |
| • at 50 Hz rated value   | V  | 24    |
| • at 60 Hz<br>— rated value  | V  | 24    |
| <b>Control supply voltage 1 at DC</b>                                |    |       |
| • rated value  | V  | 24    |
| <b>Number of measuring circuits</b>                                  |    | 1     |
| <b>Product function</b>  |    |       |
| • Fault storage  |    | No    |
| • External reset   |    | No    |
| <b>Measurable temperature</b>  |    |       |

|   |    |             |
|---|----|-------------|
| • initial value   | °C | 0           |
| • Full-scale value  | °C | 200         |
| Equipment marking acc. to DIN EN 61346-2  |    | K           |
| Equipment marking acc. to DIN 40719 extended according to IEC 204-2 acc. to IEC 750 |    | K           |
| Ambient temperature during operation  | °C | -25 ... +60 |

### Mechanical data:

|   |    |                           |
|---|----|---------------------------|
| <b>Type of electrical connection</b>                |    |                           |
| • for auxiliary and control current circuit         |    | screw-type terminals      |
| • Plug-in socket                                    |    | Yes                       |
| <b>Design of the sensor connectable</b>             |    | PT100 (resistance sensor) |
| <b>Number of NC contacts for auxiliary contacts</b> |    | 1                         |
| <b>Number of NO contacts for auxiliary contacts</b> |    | 1                         |
| <b>Number of CO contacts for auxiliary contacts</b> |    | 0                         |
| <b>Width</b>  | mm | 22.5                      |
| <b>Height</b>                                       | mm | 83                        |
| <b>Depth</b>  | mm | 91                        |

### Certificates/ approvals:

| General Product Approval   | Declaration of Conformity   | Test Certificates  | other   |
|--|---|--|---|
| <br>CCC | <br>UL | <br>EAC | <br>EG-Konf. |
|  |   | <a href="#">spezielle Prüfbescheinigung</a><br>n   | <a href="#">Umweltbestätigung</a>   |

### other

[Bestätigungen](#)

### Further information

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

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

**Industry Mall (Online ordering system)**

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

**Cax online generator**

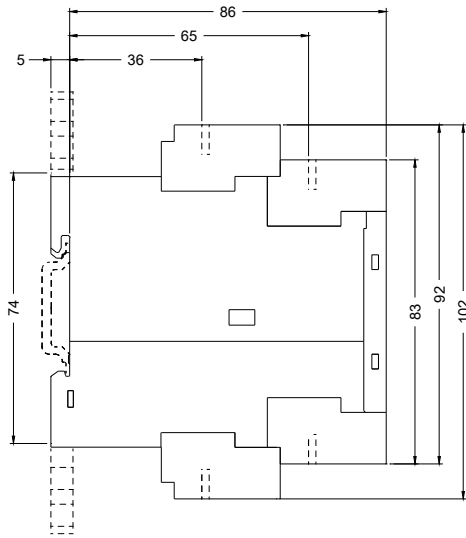
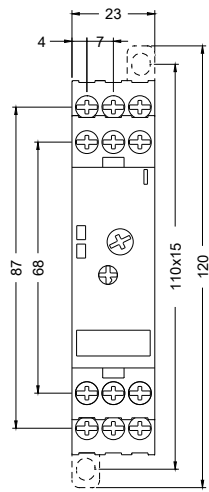
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RS1000-1CD20>

**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)



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