



TEMPERATURE MONITORING RELAY PT1000  
 OVERRANGE 1 THRESHOLD,  
 WIDTH 22.5 MM 0 DEG. C TO 100 DEG. C 24 V AC/DC,  
 1NO+1NC,  
 CLOSED-CIRCUIT SYSTEM CAGE CLAMP TERMINAL

**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 | 0           |
|   | °C | 100         |
| <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

spring-loaded terminals

Yes

### Design of the sensor / connectable

PT100 (resistance sensor)

### Number of NC contacts / for auxiliary contacts

1

### Number of NO contacts / for auxiliary contacts

1

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

0

### Width

mm

22.5

### Height

mm

84

### Depth

mm

91

## Certificates/approvals:

### General Product Approval

### other



CCC



GOST



UL

[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:

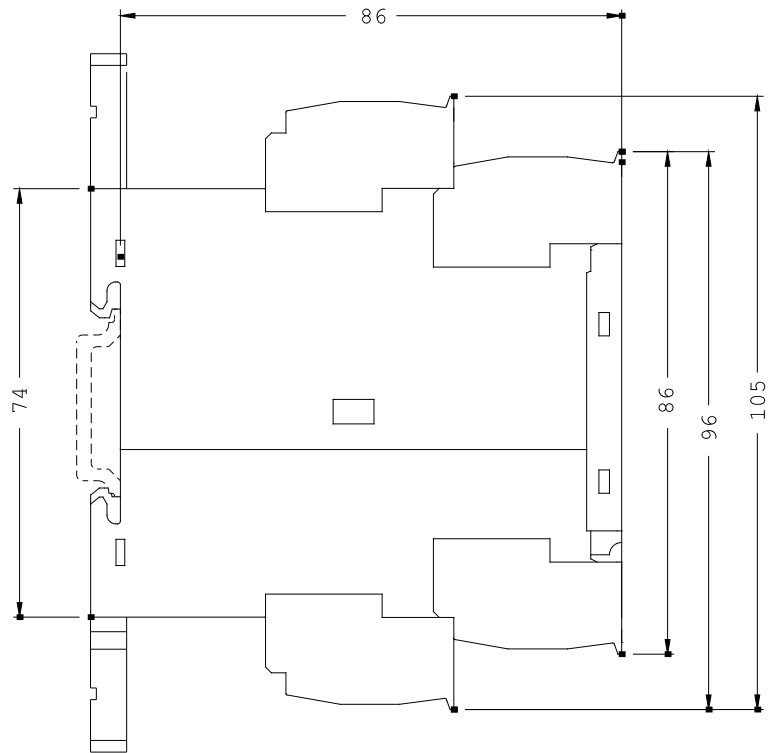
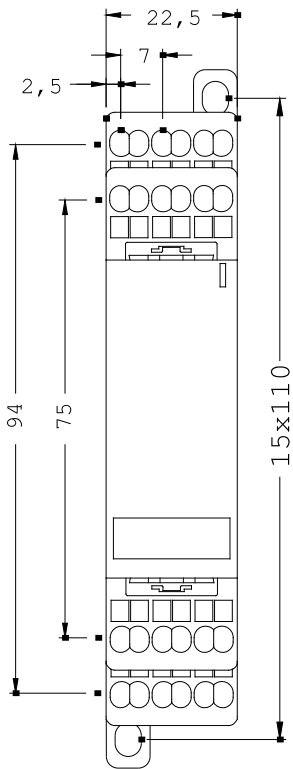
<http://www.siemens.com/cax>

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

<http://support.automation.siemens.com/WW/view/en/3RS1002-2CD10/all>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3RS1002-2CD10](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3RS1002-2CD10)



last change:

Jan 25, 2013