



TEMPERATURE MONITORING RELAY FOR PT100,
 UNDERSHOOTING OF 1 THRESH. VAL.,
 WIDTH 22ND5 MM -50 C - +50 C,
 24 VAC/DC 1 NO + 1 NC,
 CLOSED-CIRC.PRINC. SCREW CONNECTION

General technical details:

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

1

Number of NO contacts / for auxiliary contacts

1

Number of change-over switches / for auxiliary contacts

0

Width

mm 22.5

Height

mm 92

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:

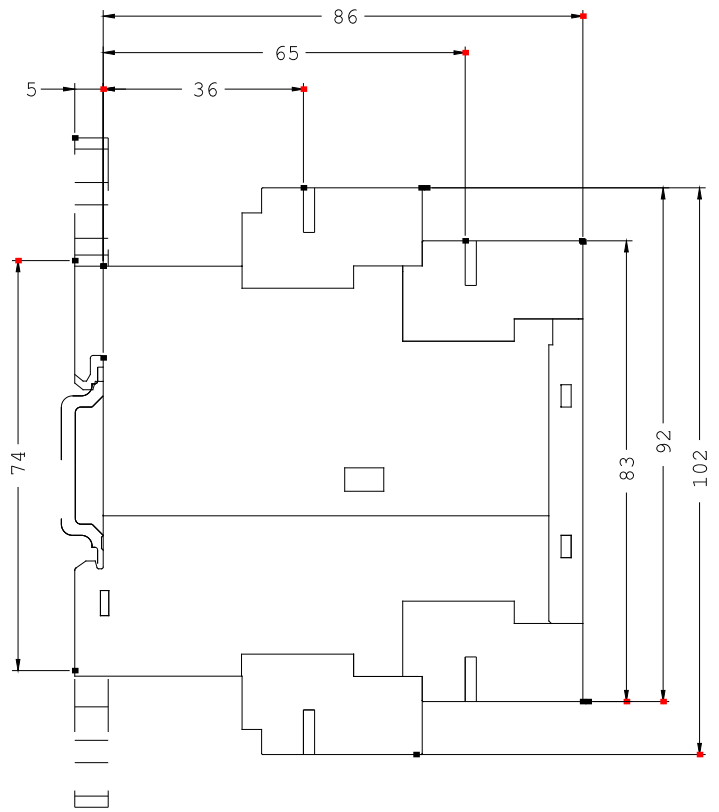
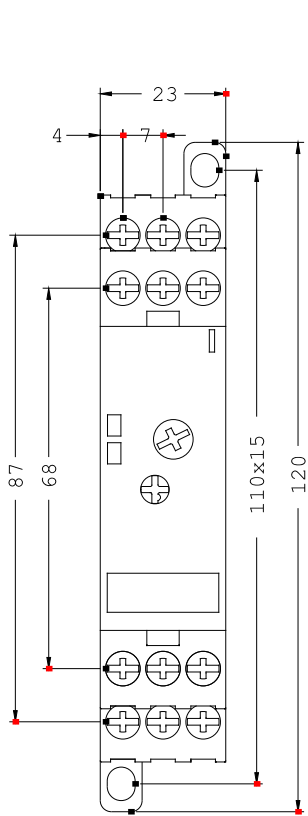
<http://www.siemens.com/cax>

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

<http://support.automation.siemens.com/WW/view/en/3RS1010-1CD00/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3RS1010-1CD00



last change:

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