



TEMPERATURE MONITORING RELAY FOR PT100,
EXCEEDING OF 2 THRESH. VAL.,
WIDTH 22ND5 MM 0 C - 200 C,
24V AC/DC 1 NO+1 W,
LOAD + CL.-CIRC.CURR. 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 	Hz	50
	Hz	60
<ul style="list-style-type: none"> • 1 / for AC / at 50 Hz / rated value 	V	24
<ul style="list-style-type: none"> • 1 / for AC / at 60 Hz / rated value 	V	24
<ul style="list-style-type: none"> • 1 / for DC / rated value 	V	24
Number of measuring circuits		1
Product function		
<ul style="list-style-type: none"> • defect storage 		No
<ul style="list-style-type: none"> • reset external 		No
Measurable temperature		
<ul style="list-style-type: none"> • initial value 	°C	0
<ul style="list-style-type: none"> • final value 	°C	200
Reference code / according to DIN EN 61346-2		K
Reference code / according to DIN 40719 extended according to 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

0

Number of NO contacts / for auxiliary contacts

1

Number of changeover contacts / for auxiliary contacts

1

Width

mm 22.5

Height

mm 102

Depth

mm 91

Certificates/approvals:

General Product Approval



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:

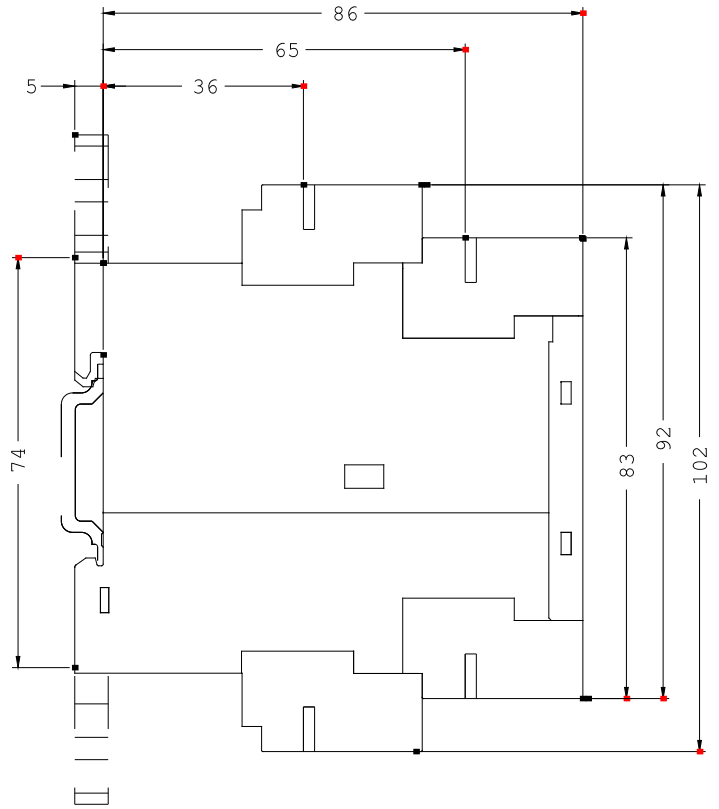
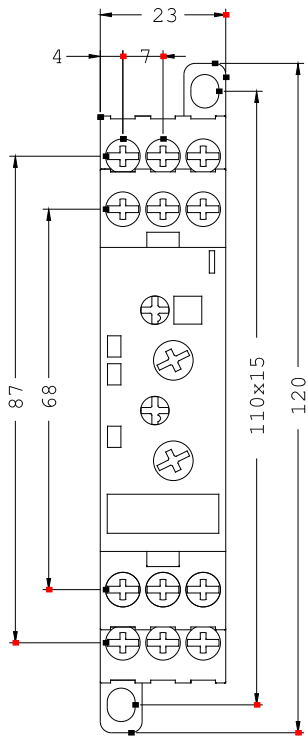
<http://www.siemens.com/cax>

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

<http://support.automation.siemens.com/WW/view/en/3RS1020-1DD20/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3RS1020-1DD20



last change:

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