



TEMPERATURE MONITORING RELAY THERMOCOUPLE  
TYP J,  
EXCEEDING 2 THRESH. VAL.,  
WIDTH 22ND5 MM 0 C - 200 C,  
24-240V AC/DC 1 NO+1 W,  
LOAD + CL.-CIRC.CURR. SCREW CONNECTION

**General technical details:**




type of voltage		AC/DC
<b>Supply voltage frequency</b>		
• 1 / for auxiliary and control current circuit		
• initial rated value	Hz	50
• final rated value	Hz	60
• 1 / at 50 Hz / for AC / initial rated value	V	24
• 1 / at 50 Hz / for AC / final rated value	V	240
• 1 / at 60 Hz / for AC / initial rated value	V	24
• 1 / at 60 Hz / for AC / final rated value	V	240
• 1 / for DC / initial rated value	V	24
• 1 / for DC / final rated value	V	240
<b>Product function</b>		
• defect storage		No
• reset external		No
<b>Number of measuring circuits</b>		1
<b>Number of NC contacts / for auxiliary contacts</b>		0
<b>Number of NO contacts / for auxiliary contacts</b>		1
<b>Number of change-over switches / for auxiliary contacts</b>		1
<b>Measurable temperature</b>		

• initial value	°C	0
• final value	°C	200
<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>		
• during operating	°C	-25 ... +60

#### Mechanical design:

<b>Design of the electrical connection</b>		
• for auxiliary and control current circuit		screw-type terminals
• jumper socket		Yes
<b>Design of the sensor / connectable</b>		type J (thermocouple)
<b>Width</b>	mm	22.5
<b>Height</b>	mm	102
<b>Depth</b>	mm	91

#### Certificates/approvals:

General Product Approval			Test Certificates	other	
			<a href="#">Special Test Certificate</a>	<a href="#">Declaration of Conformity</a>	<a href="#">Environmental Confirmations</a>
CCC	GOST	UL			

#### 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:

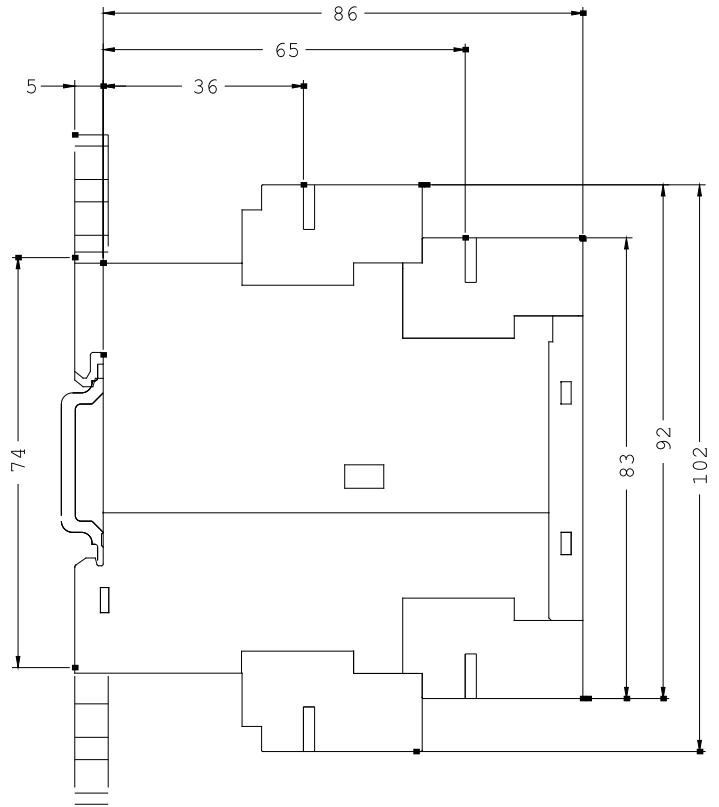
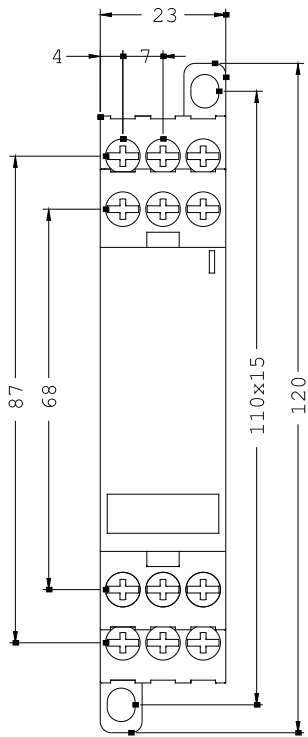
<http://www.siemens.com/cax>

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

<http://support.automation.siemens.com/WW/view/en/3RS1120-1DW20/all>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3RS1120-1DW20](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3RS1120-1DW20)



last change:

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