



TEMPERATURE MONITORING RELAY  
THERMOCOUPLE J, T, E, K, N 2 THRESH. VAL.,  
DIGITAL -99 C - 999 C, 24V AC/DC 2 X 1 W + 1 NO,  
WIDTH 45 MM SCREW CONNECTION

Figure similar





General technical data:		
Type of voltage		AC/DC
Supply voltage frequency		
<ul style="list-style-type: none"> <li>• 1 for auxiliary and control current circuit</li> </ul>		
— Initial rated value	Hz	50
— Final rated value	Hz	60
Control supply voltage 1 at AC at 50 Hz		
<ul style="list-style-type: none"> <li>• rated value</li> </ul>	V	24
Control supply voltage 1 at AC at 60 Hz		
<ul style="list-style-type: none"> <li>• rated value</li> </ul>	V	24
Control supply voltage 1 at DC		
<ul style="list-style-type: none"> <li>• rated value</li> </ul>	V	24
Product function		
<ul style="list-style-type: none"> <li>• Fault storage</li> </ul>		Yes
<ul style="list-style-type: none"> <li>• External reset</li> </ul>		Yes
Number of measuring circuits		1
Number of NC contacts for auxiliary contacts		0

Number of NO contacts for auxiliary contacts		1
Number of CO contacts for auxiliary contacts		2
Measurable temperature		
• initial value	°C	-99
• Full-scale value	°C	999
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:

Type of electrical connection		
• for auxiliary and control current circuit		screw-type terminals
• Plug-in socket		Yes
Design of the sensor connectable		type J, K, T, E, N (thermocouple)
Width	mm	22.5
Height	mm	106
Depth	mm	91

#### Certificates/ approvals:

General Product Approval	Declaration of Conformity	Test Certificates	other
 CCC	 UL	 EAC	 EG-Konf.
		<a href="#">Special Test Certificate</a>	<a href="#">Environmental Confirmations</a>

#### other

[Confirmation](#)

#### 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

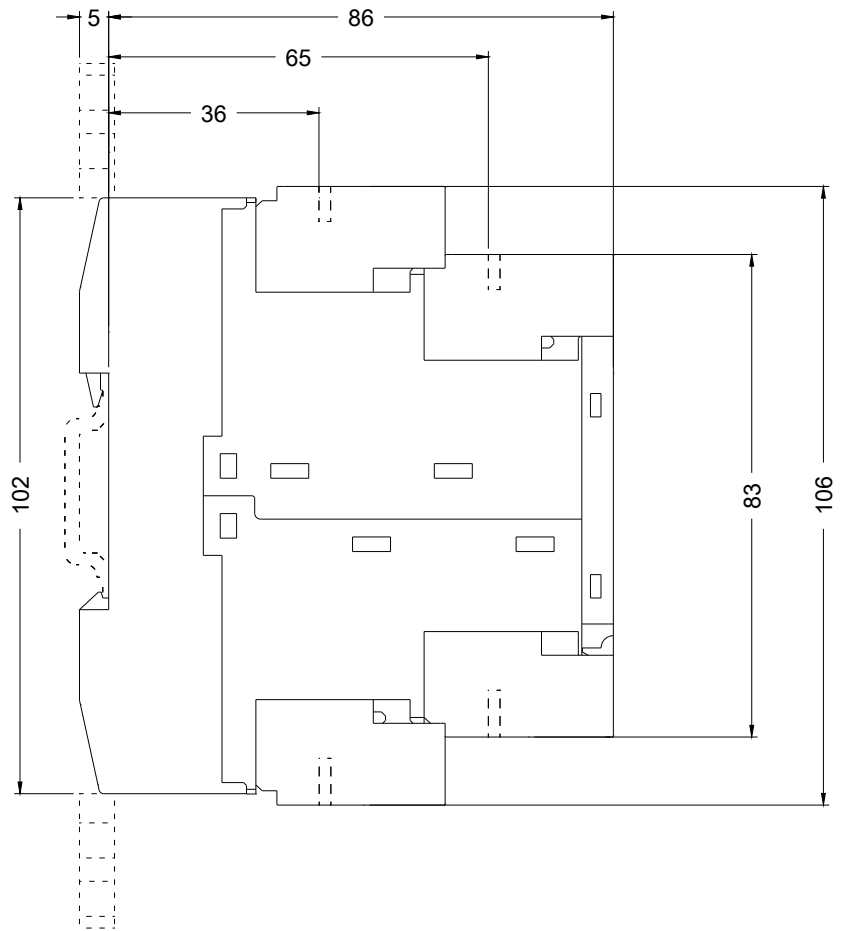
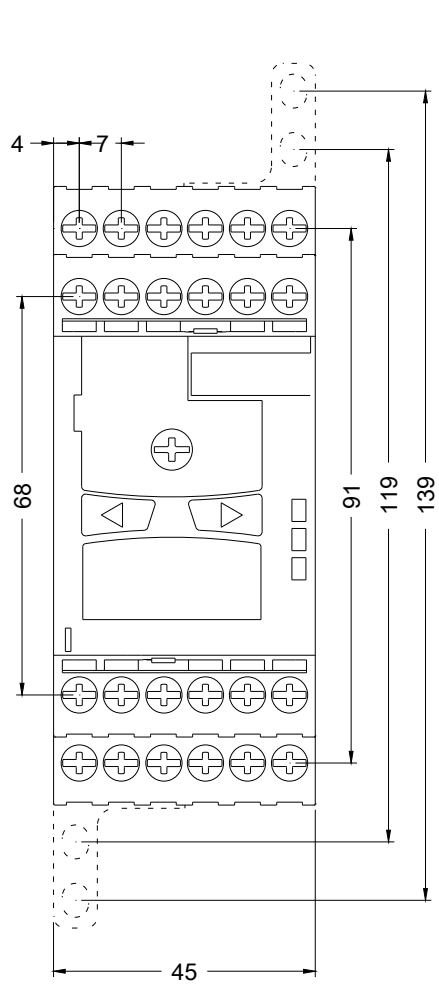
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RS1140-1GD60>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3RS1140-1GD60>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3RS1140-1GD60&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RS1140-1GD60&lang=en)



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