

Temperature monitoring relay Thermocouple J,K, T,E, N,S, R,B 2 threshold values digitally adjustable -99 °C to 1800 °C (sensor-dependent) 24-240 V AC/DC 2 x 1 CO + 1 NO, Width 45 mm screw terminal



Figure similar

Product brand name	SIRIUS
Product designation	Temperature monitoring relay
Design of the product	2 threshold values, digitally adjustable
Product type designation	3RS11

General technical data	
Reference code acc. to DIN 40719 extended according to IEC 204-2 acc. to IEC 750	K
Reference code acc. to DIN EN 81346-2	K
Reference code acc. to DIN EN 61346-2	K
Measurable temperature	
• initial value	-99 °C
• Full-scale value	1 800 °C
Product function	
• Fault storage	Yes
• External reset	Yes
Design of the sensor connectable	type J, K, T, E, N (thermocouple)

Control circuit/ Control

Type of voltage	AC/DC
Control supply voltage 1 at AC	
• at 50 Hz	24 ... 240 V
• at 60 Hz	24 ... 240 V
Control supply voltage 1	
• at DC	24 ... 240 V
Supply voltage frequency	
• for auxiliary and control current circuit	50 ... 60 Hz
Number of measuring circuits	1

#### Auxiliary circuit

Number of NC contacts for auxiliary contacts	0
Number of NO contacts for auxiliary contacts	1
Number of CO contacts	
• for auxiliary contacts	2





#### Connections/Terminals

Type of electrical connection	
• for auxiliary and control current circuit	screw-type terminals
Type of electrical connection Plug-in socket	Yes

#### Installation/ mounting/ dimensions

Mounting type	screw and snap-on mounting onto 35 mm standard mounting rail
Height	106 mm
Width	45 mm
Depth	91 mm

#### Certificates/approvals

General Product Approval		Declaration of Conformity		other	
				<a href="#">Miscellaneous</a>	<a href="#">Confirmation</a>
CCC	UL		EG-Konf.		

#### Further information

##### Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/industrial-controls/catalogs>

##### Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RS1142-1GW80>

##### Cax online generator

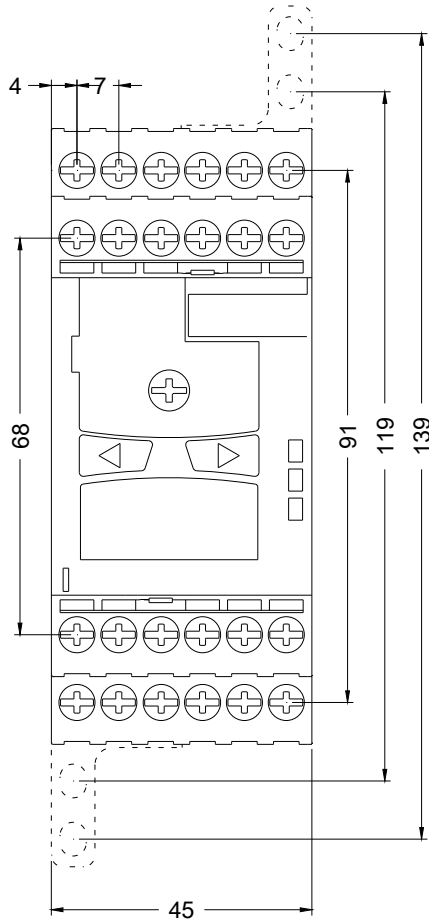
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RS1142-1GW80>

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

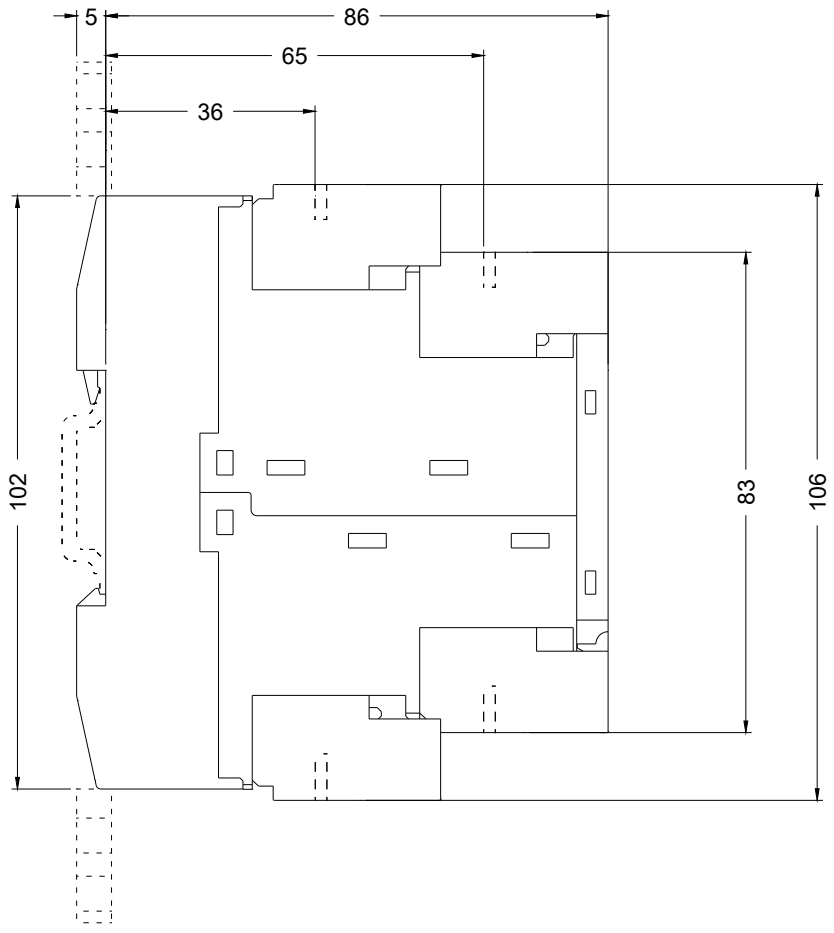
<https://support.industry.siemens.com/cs/ww/en/ps/3RS1142-1GW80>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3RS1142-1GW80&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RS1142-1GW80&lang=en)



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