

Temperature monitoring relay PT100, Overshoot 2 threshold values, Width 22.5 mm 0 °C to 200 °C 24 - 240 V AC/DC 1 NO + 1 CO, Load and quiescent current screw terminal



Product brand name	SIRIUS
Product designation	Temperature monitoring relay
Design of the product	Overshoot, 2 threshold values
Product type designation	3RS10

General technical data	
Power loss [W] maximum	2 W
Power loss [V·A] maximum	4 V·A
Reference code acc. to DIN EN 81346-2	K
Measurable temperature	
• initial value	0 °C
• Full-scale value	200 °C
Product function	
• Fault storage	No
• External reset	No
Design of the sensor connectable	PT100 (resistance sensor)

Control circuit/ Control	
Type of voltage	AC/DC
Control supply voltage 1 at AC	

<ul style="list-style-type: none"> • at 50 Hz • at 60 Hz 	24 ... 240 V
Control supply voltage 1	
<ul style="list-style-type: none"> • at DC 	24 ... 240 V
Supply voltage frequency	
<ul style="list-style-type: none"> • 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	
<ul style="list-style-type: none"> • for auxiliary contacts 	1

Connections/ Terminals	
Type of electrical connection	
<ul style="list-style-type: none"> • 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	102 mm
Width	22.5 mm
Depth	91 mm

Ambient conditions	
Ambient temperature	
<ul style="list-style-type: none"> • during operation 	-25 ... +60 °C

Certificates/ approvals

Further information

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

<https://www.siemens.com/ic10>

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=6ES7222-1HH32-0XB0>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=6ES7222-1HH32-0XB0>

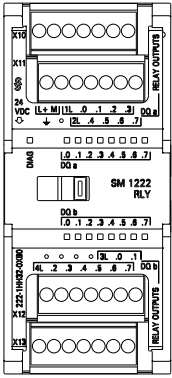
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/6ES7222-1HH32-0XB0>

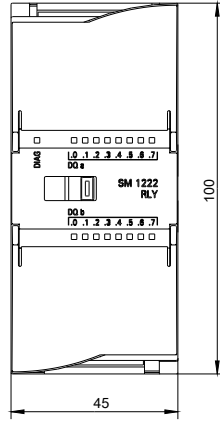
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=6ES7222-1HH32-0XB0&lang=en

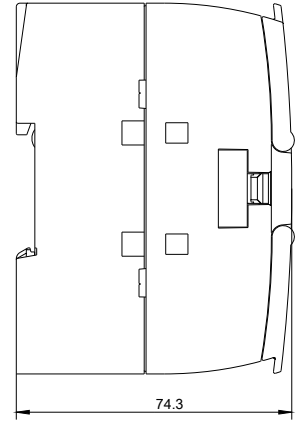
Vorne offen / Front open



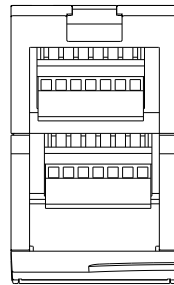
Vorne / Front

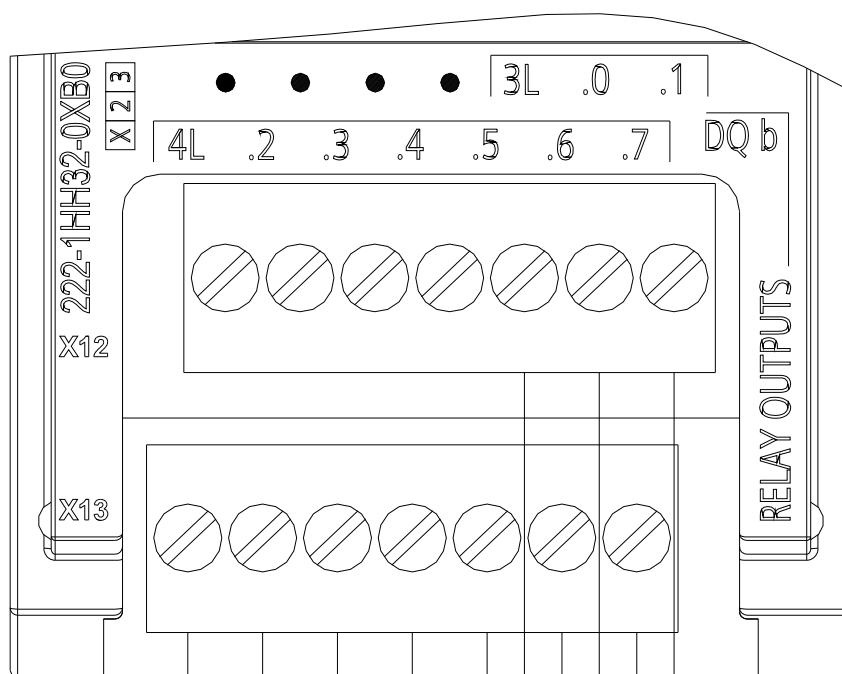
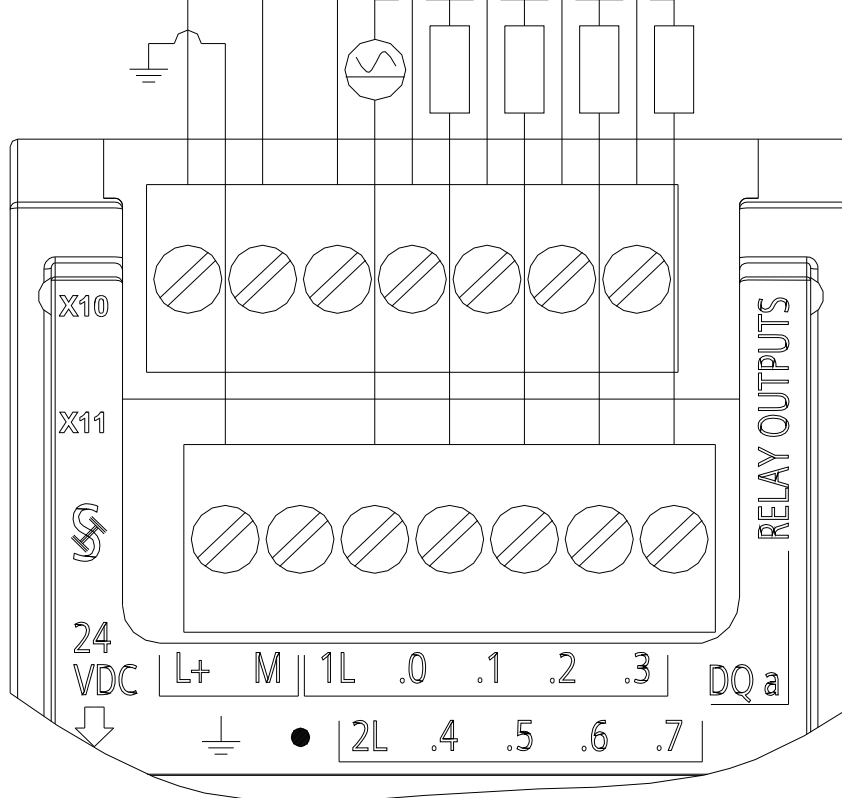


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