



Figure similar

Temperature monitoring relay Pt100, Undershoot 1 threshold value, Width 22.5 mm -50 °C to 50 °C 110-120/220-240 V AC 1 NO + 1 NC, quiescent current principle screw terminal

product brand name	SIRIUS
product designation	Temperature monitoring relay
design of the product	Undershoot, 1 threshold value
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 IEC 81346-2	K
measurable temperature	
• initial value	-50 °C
• full-scale value	50 °C
Substance Prohibition (Date)	01.05.2012 00:00:00
product function	
• error memory	No
• external reset	No
design of the sensor connectable	PT100 (resistance sensor)
Control circuit/ Control	
type of voltage	AC
control supply voltage 1 at AC	
• at 50 Hz rated value	110 V
• at 60 Hz rated value	110 V
control supply voltage 2 at AC	
• at 50 Hz rated value	230 V
• at 60 Hz rated value	230 V
supply voltage frequency for auxiliary and control circuit	50 ... 60 Hz
number of measuring circuits	1
Auxiliary circuit	
number of NC contacts for auxiliary contacts	1
number of NO contacts for auxiliary contacts	1
number of CO contacts for auxiliary contacts	0
Connections/ Terminals	
type of electrical connection for auxiliary and control circuit	screw-type terminals
type of electrical connection plug-in socket	Yes
Installation/ mounting/ dimensions	
fastening method	screw and snap-on mounting onto 35 mm standard mounting rail
height	92 mm
width	22.5 mm
depth	91 mm

Ambient conditions

ambient temperature during operation

-25 ... +60 °C

Certificates/ approvals

General Product Approval

Declaration of
Conformity

Test Certificates

other



[Type Test Certificates/Test Report](#)

[Confirmation](#)

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=3RS1010-1CK00>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RS1010-1CK00>

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

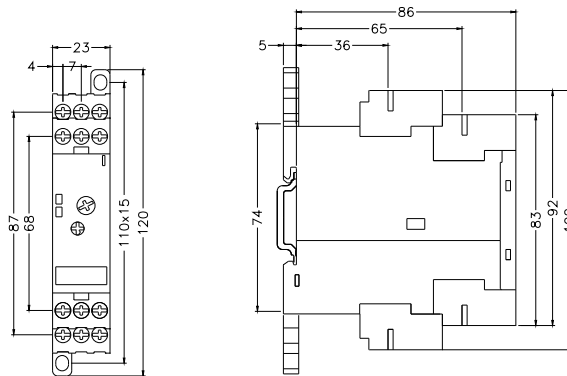
<https://support.industry.siemens.com/cs/ww/en/ps/3RS1010-1CK00>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RS1010-1CK00&lang=en

Characteristic: Derating

<https://support.industry.siemens.com/cs/ww/en/ps/3RS1010-1CK00/manual>



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