



Figure similar

temperature monitoring relay Pt100, overshoot 1 threshold value, width 22.5 mm 0 °C to 100 °C 110-120/220-240 V AC 1 NO + 1 NC, quiescent current principle screw terminal !!!product phase-out!!! the preferred successor is 3RS2500-1AW30

product brand name	SIRIUS
product designation	Temperature monitoring relay
design of the product	Overshoot, 1 threshold value
product type designation	3RS10
General technical data	
power loss [W] maximum	2 W
power loss [V·A] maximum	4 VA
reference code according to IEC 81346-2	K
measurable temperature	
• initial value	0 °C
• full-scale value	100 °C
Substance Prohibitation (Date)	05/01/2012
SVHC substance name	Lead - 7439-92-1 Lead monoxide (lead oxide) - 1317-36-8 2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol - 79-94-7 6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol - 119-47-1
Weight	0.18 kg
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 DIN rail

height	83 mm
width	22.5 mm
depth	91 mm
Ambient conditions	
ambient temperature during operation	-25 ... +60 °C
Approvals Certificates	
General Product Approval	EMV



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Test Certificates	other	Environment
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[Type Test Certificates/Test Report](#)



[Confirmation](#)

[Environmental Confirmations](#)

Further information

Information on the packaging

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

Information for data generation and storage

<https://support.industry.siemens.com/cs/ww/en/view/109995012>

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=3RS1000-1CK10>

Cax online generator

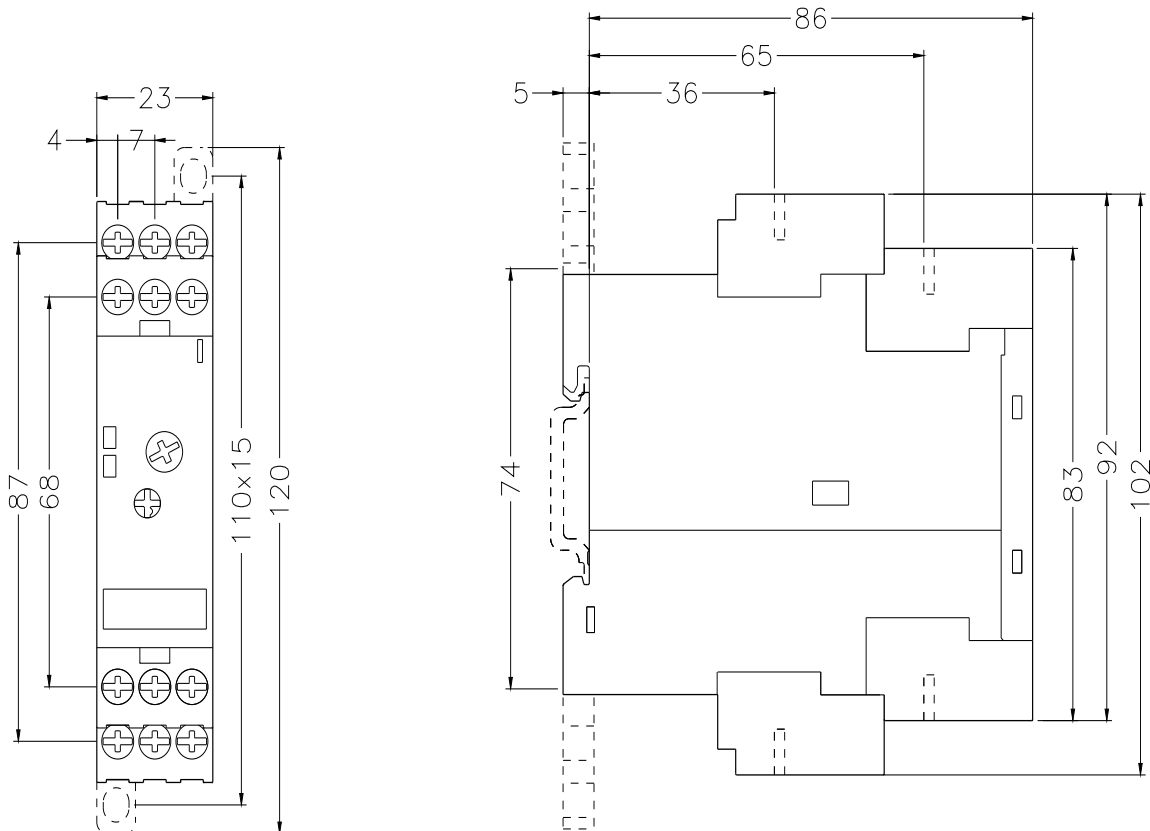
<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RS1000-1CK10>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3RS1000-1CK10>

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

https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RS1000-1CK10&lang=en



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4/1/2025 