



Figure similar

temperature monitoring relay Pt100/1000 KTY83/84, NTC 2 threshold values digitally adjustable -50 °C to 500 °C 24 V AC/DC 2 x 1 CO + 1 NO, width 45 mm spring-loaded terminal !!!phased-out product!!! the preferred successor is 3RS2600-2BA30

product brand name	SIRIUS
product designation	Temperature monitoring relay
design of the product	2 threshold values, digitally adjustable
product type designation	3RS10
General technical data	
power loss [W] maximum	4 W
power loss [V·A] maximum	7 VA
reference code according to IEC 81346-2	K
measurable temperature	
• initial value	-50 °C
• full-scale value	500 °C
Substance Prohibitation (Date)	05/01/2012
SVHC substance name	Blei - 7439-92-1 Bleimonoxid (Bleioxid) - 1317-36-8 Bleitanzirkonoxid - 12626-81-2
product function	
• error memory	Yes
• external reset	Yes
design of the sensor connectable	PT100/1000, KTY83/84, NTC (resistance sensors)
measurable temperature with KTY-sensor maximum	200 °C
sensor current with KTY-sensor	0.3 mA
Control circuit/ Control	
type of voltage	AC/DC
control supply voltage 1 at AC	
• at 50 Hz rated value	24 V
• at 60 Hz rated value	24 V
control supply voltage 1	
• at DC rated value	24 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	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 circuit	spring-loaded 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	108 mm

width	45 mm
depth	91 mm
Ambient conditions	
ambient temperature during operation	-25 ... +60 °C
Certificates/ approvals	
General Product Approval	Declaration of Conformity



[Confirmation](#)



EG-Konf.

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

[Confirmation](#)

Further information

Siemens has decided to exit the Russian market (see here).

<https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business>

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

Information on the packaging

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

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=3RS1040-2GD50>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RS1040-2GD50>

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

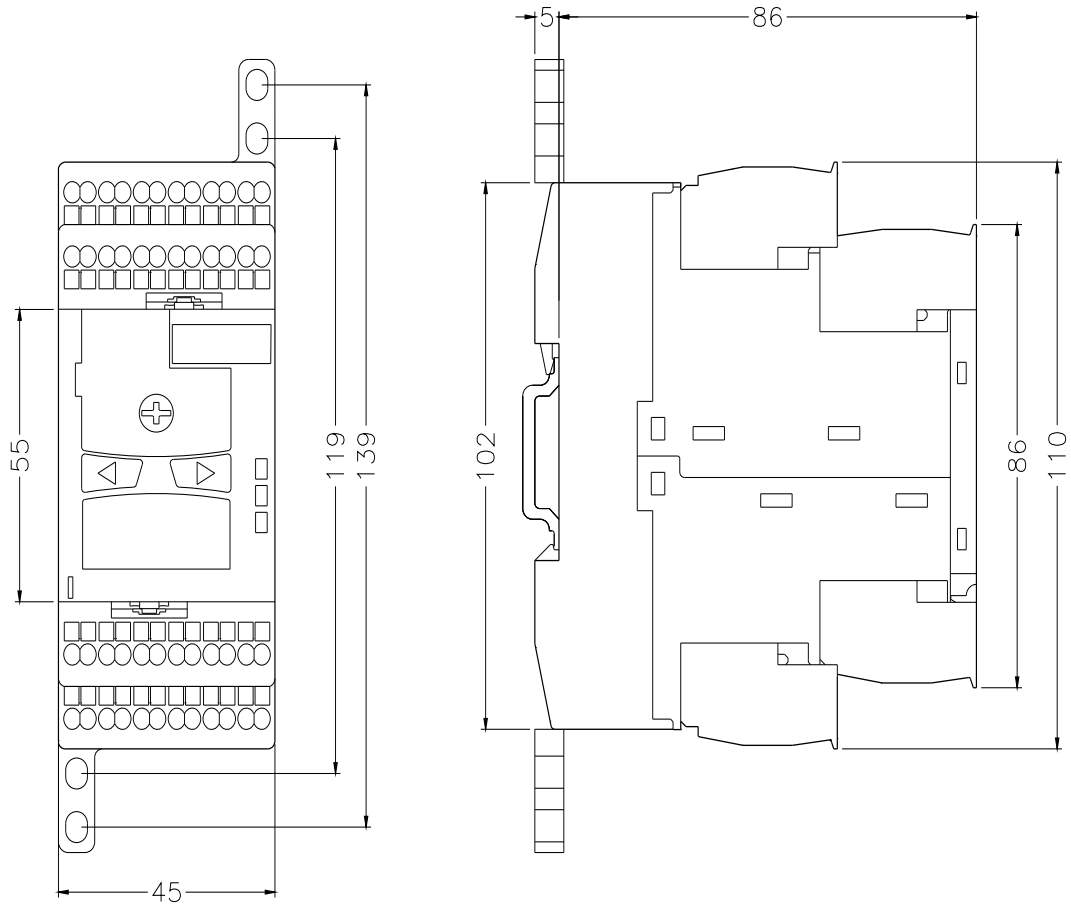
<https://support.industry.siemens.com/cs/ww/en/ps/3RS1040-2GD50>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RS1040-2GD50&lang=en

Characteristic: Derating

<https://support.industry.siemens.com/cs/ww/en/ps/3RS1040-2GD50/manual>



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