



Figure similar

temperature monitoring relay Pt100/1000 KTY83/84, NTC 3 sensors, 2 threshold values digitally adjustable -50 °C to 500 °C 24 - 240 V AC/DC 2 x 1 CO + 1 NO, width 45 mm screw terminal !!!phased-out product!!! the preferred successor is 3RS2600-1BW30+3RS2900-1AW30

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 Prohibittance (Date)	05/01/2012
SVHC substance name	Lead - 7439-92-1 Lead monoxide (lead oxide) - 1317-36-8 6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol - 119-47-1
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	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 circuit	50 ... 60 Hz
number of measuring circuits	3
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	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	106 mm

width	45 mm
depth	91 mm
Ambient conditions	
ambient temperature during operation	-25 ... +60 °C
Approvals Certificates	
General Product Approval	



[Confirmation](#)



EMV	Test Certificates	other	Environment
KC	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- 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=3RS1041-1GW50>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RS1041-1GW50>

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

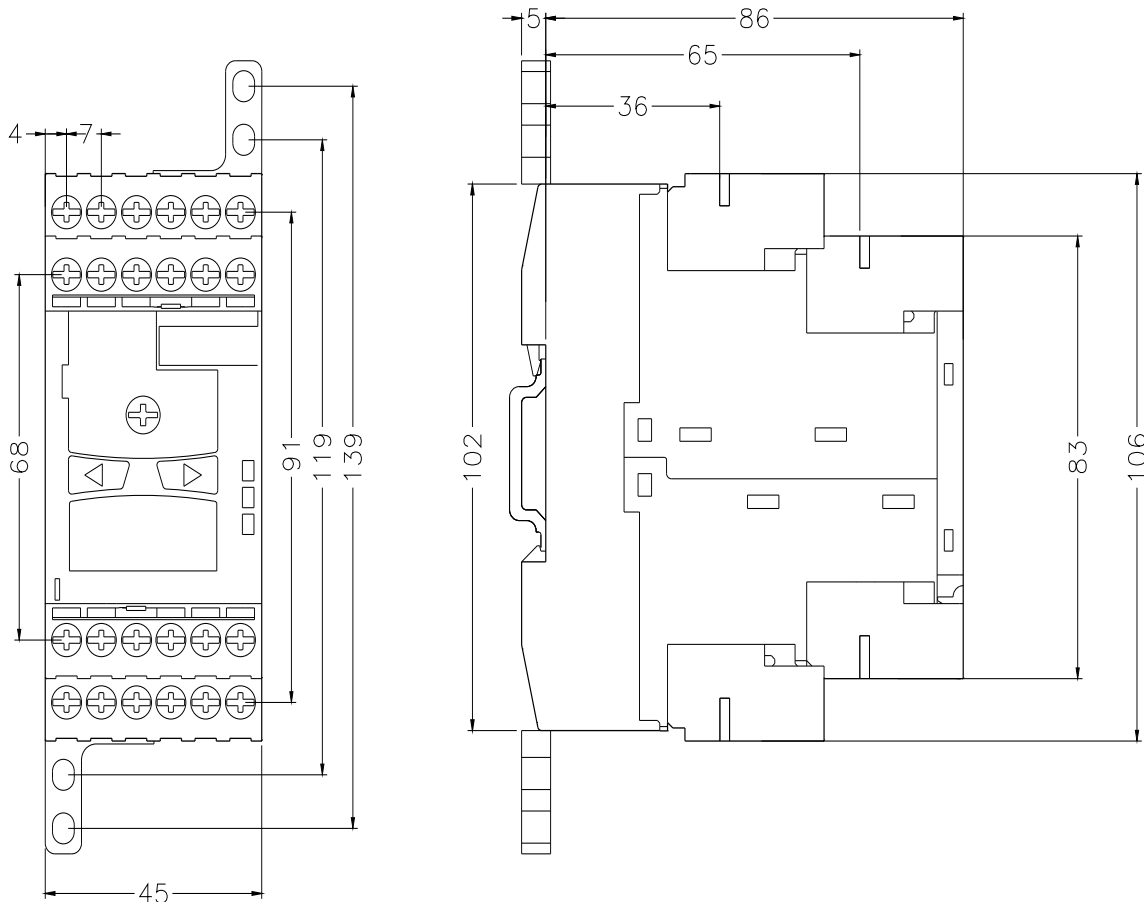
<https://support.industry.siemens.com/cs/ww/en/ps/3RS1041-1GW50>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RS1041-1GW50&lang=en

Characteristic: Derating

<https://support.industry.siemens.com/cs/ww/en/ps/3RS1041-1GW50/manual>



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