



Figure similar

temperature monitoring relay Pt100/1000 KTY83/84, NTC 3 sensors, 2 threshold values digitally adjustable -58 °F to 932 °F 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
product designation
product type designation

SIRIUS
Temperature monitoring relay
3RS20

General technical data

product function temperature monitoring
reference code according to IEC 81346-2 K
measurable Fahrenheit temperature

- initial value -58 °F
- full-scale value 932 °F

Substance Prohibitance (Date) 05/01/2012
product function

- error memory Yes
- external reset Yes

design of the sensor connectable PT100/1000, KTY83/84, NTC (resistance sensors)

Control circuit/ Control

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

Certificates/ approvals

[Confirmation](#)

Test Certificates

other

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

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=3RS2041-1GW50>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RS2041-1GW50>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3RS2041-1GW50>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RS2041-1GW50&lang=en

Characteristic: Derating

<https://support.industry.siemens.com/cs/ww/en/ps/3RS2041-1GW50/manual>


