



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

|  |  |
|--|--|
| <b>product brand name</b>                                  | SIRIUS   |
| <b>product designation</b>                                 | Temperature monitoring relay                                 |
| <b>product type designation</b>                            | 3RS20  |
| <b>General technical data</b>                              |  |
| <b>product function</b>                                    | temperature monitoring                                       |
| <b>reference code acc. to IEC 81346-2</b>                  | K  |
| <b>measurable Fahrenheit temperature</b>                   |  |
| • initial value  | -58 °F   |
| • full-scale value   | 932 °F   |
| <b>Substance Prohibitions (Date)</b>                       | 01.05.2012 00:00:00  |
| <b>product function</b>                                    |  |
| • error memory   | Yes  |
| • external reset   | Yes  |
| <b>design of the sensor connectable</b>                    | PT100/1000, KTY83/84, NTC (resistance sensors)               |
| <b>Control circuit/ Control</b>                            |  |
| <b>control supply voltage 1 at AC</b>                      |  |
| • at 50 Hz   | 24 ... 240 V   |
| • at 60 Hz   | 24 ... 240 V   |
| <b>control supply voltage 1</b>                            |  |
| • at DC  | 24 ... 240 V   |
| supply voltage frequency for auxiliary and control circuit | 50 ... 60 Hz   |
| <b>number of measuring circuits</b>                        | 3  |
| <b>Auxiliary circuit</b>                                   |  |
| <b>number of NC contacts for auxiliary contacts</b>        | 0  |
| <b>number of NO contacts for auxiliary contacts</b>        | 1  |
| <b>number of CO contacts for auxiliary contacts</b>        | 2  |
| <b>Connections/ Terminals</b>                              |  |
| <b>type of electrical connection</b>                       |  |
| • for auxiliary and control circuit                        | screw-type terminals   |
| <b>type of electrical connection plug-in socket</b>        | Yes  |
| <b>Installation/ mounting/ dimensions</b>                  |  |
| <b>fastening method</b>                                    | screw and snap-on mounting onto 35 mm standard mounting rail |
| <b>height</b>  | 106 mm   |
| <b>width</b>   | 45 mm  |
| <b>depth</b>   | 91 mm  |
| <b>Ambient conditions</b>                                  |  |
| <b>ambient temperature</b>                                 |  |
| • 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=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,...)

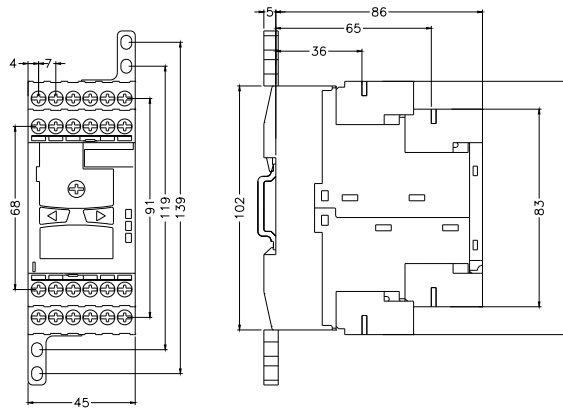
<https://support.industry.siemens.com/cs/ww/en/ps/3RS2041-1GW50>

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](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>



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