



Figure similar

temperature monitoring relay Pt100, overshoot 2 threshold values, width 22.5 mm 0 °C to 200 °C 24 V AC/DC 1 NO + 1 CO, Load and quiescent current screw terminal !!!phased-out product!!! the preferred successor is 3RS2600-1BA30

|                                                                 |                                                |
|-----------------------------------------------------------------|------------------------------------------------|
| product brand name                                              | SIRIUS                                         |
| product designation                                             | Temperature monitoring relay                   |
| design of the product                                           | Overshoot, 2 threshold values                  |
| product type designation                                        | 3RS10                                          |
| <b>General technical data</b>                                   |                                                |
| 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                                              | 200 °C                                         |
| Substance Prohibitance (Date)                                   | 05/01/2012                                     |
| product function                                                |                                                |
| • error memory                                                  | No                                             |
| • external reset                                                | No                                             |
| design of the sensor connectable                                | PT100 (resistance sensor)                      |
| <b>Control circuit/ Control</b>                                 |                                                |
| 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                                              |
| <b>Auxiliary circuit</b>                                        |                                                |
| number of NC contacts for auxiliary contacts                    | 0                                              |
| number of NO contacts for auxiliary contacts                    | 1                                              |
| number of CO contacts for auxiliary contacts                    | 1                                              |
| <b>Connections/ Terminals</b>                                   |                                                |
| type of electrical connection for auxiliary and control circuit | screw-type terminals                           |
| type of electrical connection plug-in socket                    | Yes                                            |
| <b>Installation/ mounting/ dimensions</b>                       |                                                |
| fastening method                                                | screw and snap-on mounting onto 35 mm DIN rail |
| height                                                          | 102 mm                                         |
| width                                                           | 22.5 mm                                        |
| depth                                                           | 91 mm                                          |
| <b>Ambient conditions</b>                                       |                                                |
| ambient temperature during operation                            | -25 ... +60 °C                                 |

## Certificates/ approvals

### General Product Approval

### Declaration of Conformity

[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=3RS1020-1DD20>

### Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RS1020-1DD20>

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

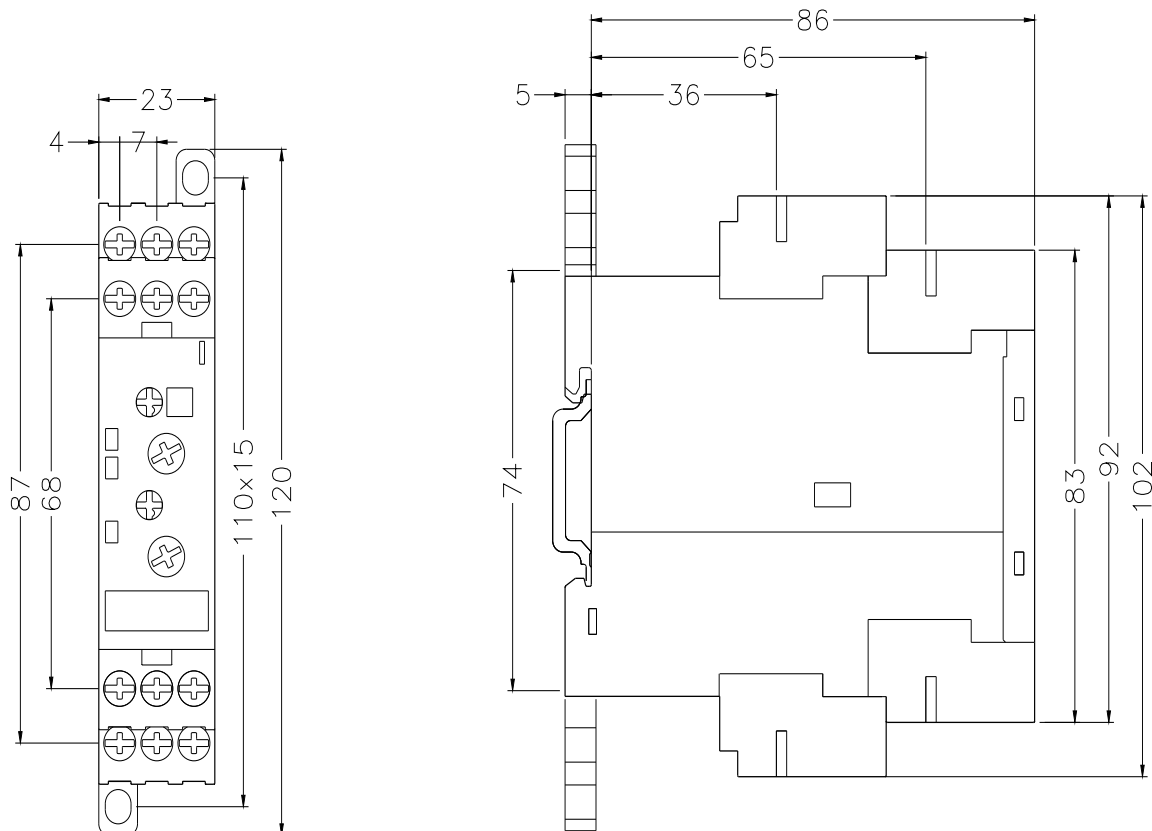
<https://support.industry.siemens.com/cs/ww/en/ps/3RS1020-1DD20>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3RS1020-1DD20&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RS1020-1DD20&lang=en)

### Characteristic: Derating

<https://support.industry.siemens.com/cs/ww/en/ps/3RS1020-1DD20/manual>



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