



Figure similar

temperature monitoring relay Pt100, overshoot 1 threshold value, width 22.5 mm 0 °C to 100 °C 24 V AC/DC 1 NO + 1 NC, quiescent current principle spring-loaded terminal !!!phased-out product!!! the preferred successor is 3RS2500-2AA30

|                          |                              |
|--------------------------|------------------------------|
| product brand name       | SIRIUS                       |
| product designation      | Temperature monitoring relay |
| design of the product    | Overshoot, 1 threshold value |
| product type designation | 3RS10                        |

### General technical data

|                                         |                           |
|-----------------------------------------|---------------------------|
| 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                      | 100 °C                    |
| Substance Prohibitance (Date)           | 05/01/2012                |
| product function                        |                           |
| • error memory                          | No                        |
| • external reset                        | No                        |
| design of the sensor connectable        | PT100 (resistance sensor) |

### 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 | 1 |
| number of NO contacts for auxiliary contacts | 1 |
| number of CO contacts for auxiliary contacts | 0 |

### 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           | 84 mm                                          |
| width            | 22.5 mm                                        |
| depth            | 91 mm                                          |

### Ambient conditions

|                                      |                |
|--------------------------------------|----------------|
| 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=3RS1000-2CD10>

### Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RS1000-2CD10>

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

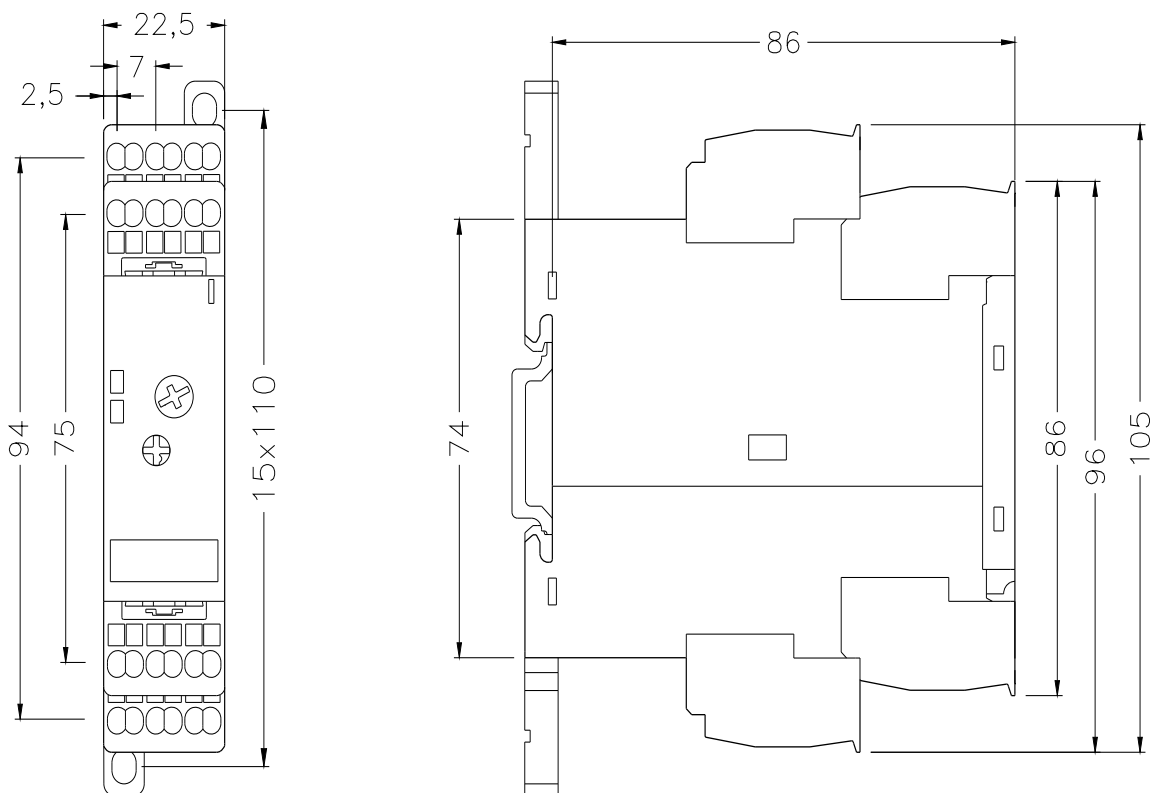
<https://support.industry.siemens.com/cs/ww/en/ps/3RS1000-2CD10>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3RS1000-2CD10&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RS1000-2CD10&lang=en)

### Characteristic: Derating

<https://support.industry.siemens.com/cs/ww/en/ps/3RS1000-2CD10/manual>



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