



Figure similar

TEMPERATURE MONITORING RELAY FOR PT100,  
UNDERSHOOTING OF 2 THRESH. VAL., WIDTH  
22ND5 MM 0 C - 200 C, 24V AC/DC 1 NO+1 W, LOAD  
+ CL.-CIRC.CURR. CAGE-CLAMP - CONNECTION

| General technical data:                                                             |    |             |
|-------------------------------------------------------------------------------------|----|-------------|
| Type of voltage                                                                     |    | AC/DC       |
| Supply voltage frequency 1 for auxiliary and control current circuit                |    |             |
| • Initial rated value                                                               | Hz | 50          |
| • Final rated value                                                                 | Hz | 60          |
| Control supply voltage 1 with AC                                                    |    |             |
| • at 50 Hz Rated value                                                              | V  | 24          |
| • at 60 Hz                                                                          |    |             |
| — Rated value                                                                       | V  | 24          |
| Control supply voltage 1 for DC                                                     |    |             |
| • Rated value                                                                       | V  | 24          |
| Number of measuring circuits                                                        |    | 1           |
| Product function                                                                    |    |             |
| • Fault storage                                                                     |    | No          |
| • External reset                                                                    |    | No          |
| Measurable temperature                                                              |    |             |
| • initial value                                                                     | °C | 0           |
| • Full-scale value                                                                  | °C | 200         |
| Equipment marking acc. to DIN EN 61346-2                                            |    | K           |
| Equipment marking acc. to DIN 40719 extended according to IEC 204-2 acc. to IEC 750 |    | K           |
| Ambient temperature during operation                                                | °C | -25 ... +60 |
| Mechanical data:                                                                    |    |             |
| Type of electrical connection                                                       |    |             |

- for auxiliary and control current circuit
- Plug-in socket

|                                              |    |                           |
|----------------------------------------------|----|---------------------------|
|                                              |    | spring-loaded terminals   |
|                                              |    | Yes                       |
| Design of the sensor connectable             |    | PT100 (resistance sensor) |
| Number of NC contacts for auxiliary contacts |    | 0                         |
| Number of NO contacts for auxiliary contacts |    | 1                         |
| Number of CO contacts for auxiliary contacts |    | 1                         |
| Width                                        | mm | 22.5                      |
| Height                                       | mm | 103                       |
| Depth                                        | mm | 91                        |

#### Certificates/ approvals:

| General Product Approval                                                                 | Test Certificates                                                                        | other                                                                                   |
|------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|
| <br>CCC | <br>EAC | <br>UL |
|                                                                                          | <a href="#">Special Test Certificate</a>                                                 | <a href="#">Declaration of Conformity</a>                                               |
|                                                                                          |                                                                                          | <a href="#">Environmental Confirmations</a>                                             |

#### Further information

##### Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/industrial-controls/catalogs>

##### Industry Mall (Online ordering system)

<http://www.siemens.com/industrymall>

##### Cax online generator

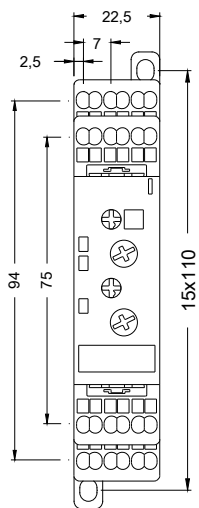
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RS10302DD20>

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

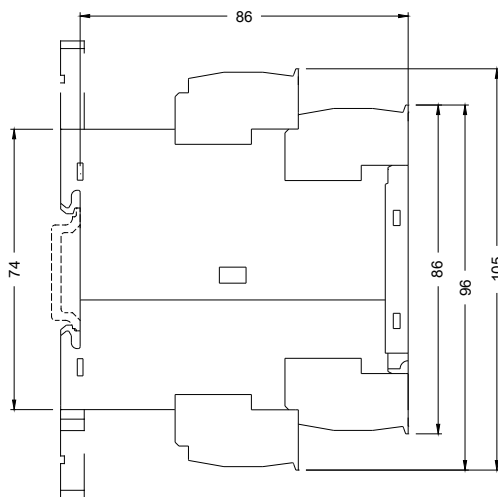
<http://support.automation.siemens.com/WW/view/en/3RS10302DD20/all>

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

<http://www.automation.siemens.com/bilddb/index.aspx?attID9=3RS10302DD20&lang=en>



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