

THERMISTOR MOTOR PROTECTION STANDARD  
EVALUATION UNIT, AUTORESET, 2W,AC230V,  
SPRING-LOADED TERMINAL, GALVANIC ISOLATION



| General technical data:                                        |    |     |
|----------------------------------------------------------------|----|-----|
| Type of voltage                                                |    | AC  |
| Supply voltage frequency                                       |    |     |
| • 1 for auxiliary and control current circuit<br>— rated value | Hz | 50  |
| • 2 for auxiliary and control current circuit rated value      | Hz | 60  |
| Control supply voltage                                         |    |     |
| • 1<br>— at AC                                                 |    |     |
| — at 50 Hz rated value                                         | V  | 230 |
| — at 60 Hz rated value                                         | V  | 230 |
| Number of measuring circuits                                   |    | 1   |
| Number of NC contacts for auxiliary contacts                   |    | 0   |
| Number of NO contacts for auxiliary contacts                   |    | 0   |
| Number of CO contacts for auxiliary contacts                   |    | 2   |
| Measurable temperature                                         |    |     |
| • initial value                                                | °C | 60  |
| • Full-scale value                                             | °C | 180 |

|                                                                                            |    |             |
|--------------------------------------------------------------------------------------------|----|-------------|
| <b>Product function</b>                                                                    |    |             |
| • reclosing lockout                                                                        |    | No          |
| • Auto-reset                                                                               |    | Yes         |
| • Fault storage                                                                            |    | No          |
| • External reset                                                                           |    | No          |
| <b>Equipment marking acc. to DIN EN 61346-2</b>                                            |    | K           |
| <b>Equipment marking acc. to DIN 40719 extended according to IEC 204-2 acc. to IEC 750</b> |    | K           |
| <b>Ambient temperature during operation</b>                                                | °C | -25 ... +60 |

#### Mechanical data:

|                                                                                |    |                         |
|--------------------------------------------------------------------------------|----|-------------------------|
| <b>Type of electrical connection for auxiliary and control current circuit</b> |    | spring-loaded terminals |
| <b>Type of electrical connection Plug-in socket</b>                            |    | No                      |
| <b>Display version LED</b>                                                     |    | Yes                     |
| <b>Protection class IP</b>                                                     |    | IP20                    |
| <b>Width</b>                                                                   | mm | 22.5                    |
| <b>Height</b>                                                                  | mm | 94                      |
| <b>Depth</b>                                                                   | mm | 91                      |

#### Certificates/ approvals:

|                                                                                            |                                                                                                 |                                                                                               |
|--------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
| <b>General Product Approval</b>                                                            | <b>EMC</b>                                                                                      | <b>For use in hazardous locations</b>                                                         |
| <br>CCC | <br>UL       | <br>EAC    |
| <br>CSA | <br>C-Tick | <br>ATEX |

|                                                                                                 |                                                    |                                                                                              |
|-------------------------------------------------------------------------------------------------|----------------------------------------------------|----------------------------------------------------------------------------------------------|
| <b>Declaration of Conformity</b>                                                                | <b>Test Certificates</b>                           | <b>Shipping Approval</b>                                                                     |
| <br>EG-Konf. | <a href="#">spezielle Prüfbescheinigungen</a><br>n | <br>DNV   |
|                                                                                                 |                                                    | <br>GL    |
|                                                                                                 |                                                    | <br>LRS |
|                                                                                                 |                                                    | <br>PRS |

|                                                                                             |                                                                                         |
|---------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|
| <b>Shipping Approval</b>                                                                    | <b>other</b>                                                                            |
| <br>RMRS | <a href="#">sonstig</a> <a href="#">Umweltbestätigung</a> <a href="#">Bestätigungen</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**

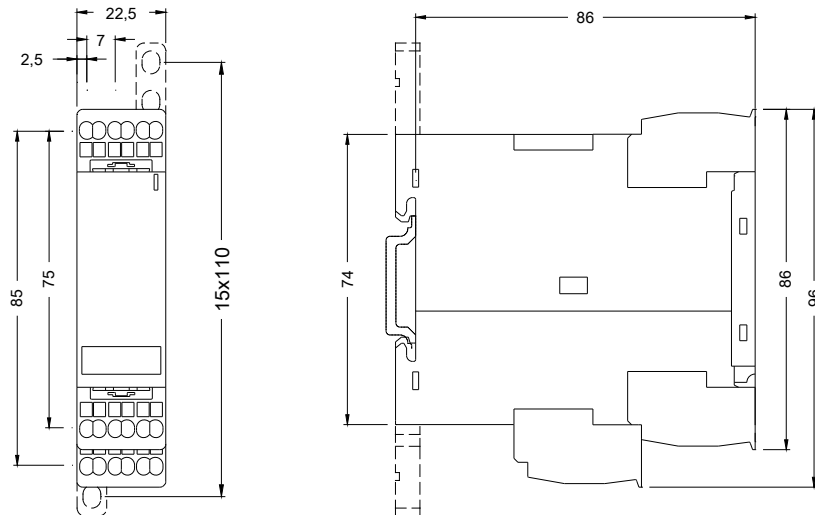
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RN1010-2BM00>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3RN1010-2BM00>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3RN1010-2BM00&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RN1010-2BM00&lang=en)



last modified:

10/07/2016