



THERMISTOR MOTOR PROTECTION MULTIFUNCTION  
EVALUATION UNIT MANUAL/AUTO/REMOTE,  
SHORT-CIRC.DETECT., UC 24...240V,  
BISTABLE, SPRING-LOADED TERMINAL

| General technical details:  |    |       |
|---|----|-------|
| <b>type of voltage</b>  |    | AC/DC |
| <b>Supply voltage frequency</b>   |    |       |
| <ul style="list-style-type: none"> <li>• 1 / for auxiliary and control current circuit                             <ul style="list-style-type: none"> <li>• rated value</li> </ul> </li> </ul>  | Hz | 50    |
| <ul style="list-style-type: none"> <li>• 2 / for auxiliary and control current circuit                             <ul style="list-style-type: none"> <li>• rated value</li> </ul> </li> </ul>  | Hz | 60    |
| <b>Control supply voltage</b>   |    |       |
| <ul style="list-style-type: none"> <li>• 1                             <ul style="list-style-type: none"> <li>• at 50 Hz / for AC                                     <ul style="list-style-type: none"> <li>• initial rated value</li> <li>• final rated value</li> </ul> </li> <li>• at 60 Hz / for AC                                     <ul style="list-style-type: none"> <li>• initial rated value</li> <li>• final rated value</li> </ul> </li> <li>• for DC                                     <ul style="list-style-type: none"> <li>• initial rated value</li> <li>• final rated value</li> </ul> </li> </ul> </li> </ul> | V  | 24    |
|   | V  | 240   |
|   | V  | 24    |
|   | V  | 240   |
|   | V  | 24    |
|   | V  | 240   |
| <b>Number of measuring circuits</b>   |    | 1     |
| <b>Number of NC contacts / for auxiliary contacts</b>   |    | 0     |

|   |    |             |
|---|----|-------------|
| Number of NO contacts / for auxiliary contacts  |    | 0           |
| Number of change-over switches / for auxiliary contacts                                     |    | 2           |
| Measurable temperature  |    |             |
| • initial value   | °C | 60          |
| • final value   | °C | 180         |
| Product function  |    |             |
| • reclosing interlock   |    | Yes         |
| • self-reset  |    | Yes         |
| • defect storage  |    | Yes         |
| • reset external  |    | Yes         |
| Item designation / according to DIN EN 61346-2  |    | K           |
| Item designation / according to DIN 40719 extendable after IEC 204-2 / according to IEC 750 |    | K           |
| Ambient temperature / during operating  | °C | -25 ... +60 |

#### Mechanical design:

|   |    |                         |
|---|----|-------------------------|
| Design of the electrical connection / for auxiliary and control current circuit |    | spring-loaded terminals |
| Design of the electrical connection / jumper socket                             |    | No                      |
| Type of display / LED   |    | Yes                     |
| Protection class IP   |    | IP20                    |
| Width   | mm | 22.5                    |
| Height  | mm | 103                     |
| Depth   | mm | 91                      |

#### Certificates/approvals:

|                          |     |                                |
|--------------------------|-----|--------------------------------|
| General Product Approval | EMC | For use in hazardous locations |
|--------------------------|-----|--------------------------------|



#### Test Certificates

#### Shipping Approval

[Special Test Certificate](#)



#### other

[Declaration of Conformity](#)

[other](#)

[Environmental Confirmations](#)

#### Further information:

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

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

**Industry Mall (Online ordering system)**

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

**CAX-Online-Generator**

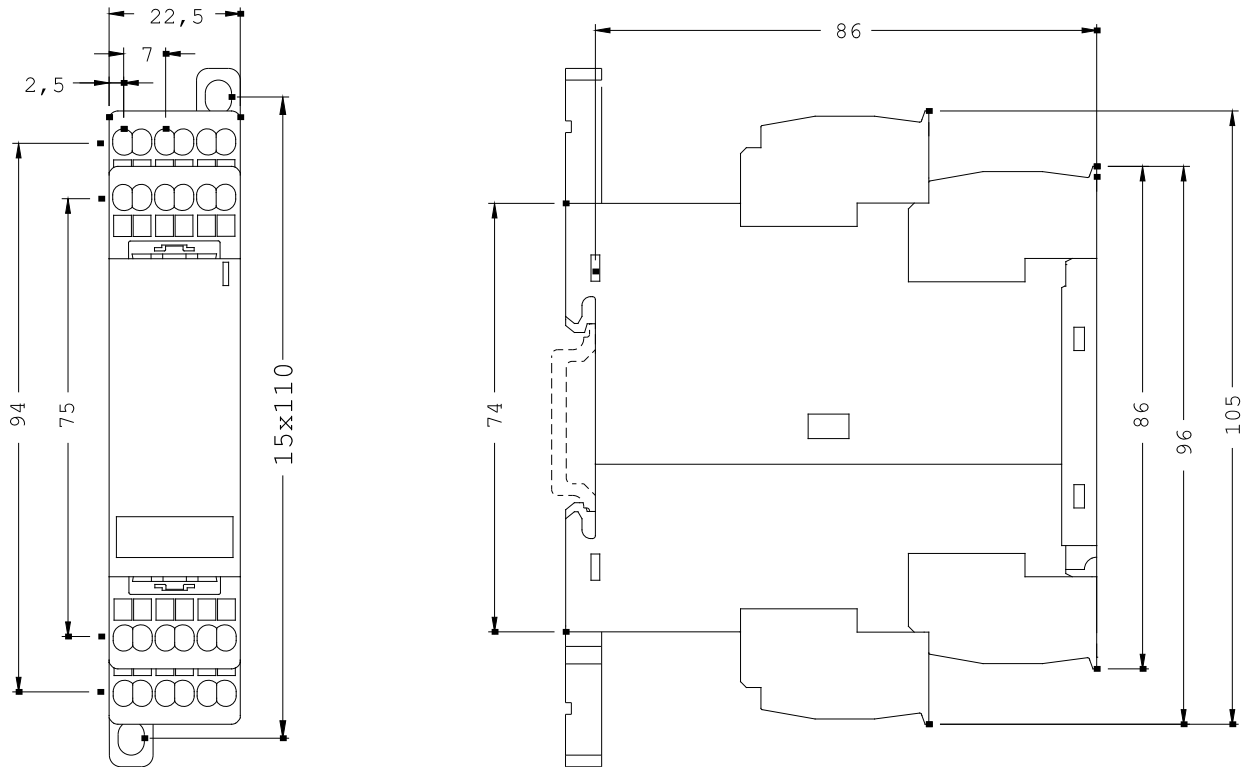
<http://www.siemens.com/cax>

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

<http://support.automation.siemens.com/WW/view/en/3RN1013-2BW01/all>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3RN1013-2BW01](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3RN1013-2BW01)



**last change:**

Jan 21, 2013