



!!! Phased-out product !!! The preferred successor is 3RN2012-1BW31 Thermistor motor protection Multifunctional evaluation unit Manual/Auto/Remote Short-circuit detection

| General technical data  |   |
|---|---|
| display version LED   | Yes   |
| protection class IP   | IP20  |
| reference code according to IEC 81346-2                         | K   |
| Substance Prohibittance (Date)                                  | 07/01/2006  |
| SVHC substance name   | Lead monoxide (lead oxide) - 1317-36-8<br>Dicyclohexyl phthalate (DCHP) - 84-61-7 |
| Product Function  |   |
| product function reclosing lockout                              | Yes   |
| Control circuit/ Control  |   |
| control supply voltage 1 at AC                                  |   |
| • at 50 Hz  | 24 ... 240 V  |
| • at 60 Hz  | 24 ... 240 V  |
| control supply voltage 1 at DC                                  |   |
| •   | 24 ... 240 V  |
| Auxiliary circuit   |   |
| supply voltage frequency  |   |
| • 1 for auxiliary and control circuit rated value               | 50 Hz   |
| • 2 for auxiliary and control circuit rated value               | 60 Hz   |
| number of NC contacts for auxiliary contacts                    | 0   |
| number of NO contacts for auxiliary contacts                    | 0   |
| number of CO contacts for auxiliary contacts                    | 2   |
| Main circuit  |   |
| type of voltage   | AC/DC   |
| Connections/ Terminals  |   |
| type of electrical connection for auxiliary and control circuit | screw-type terminals  |
| Installation/ mounting/ dimensions                              |   |
| fastening method  | screw and snap-on mounting  |
| height  | 102 mm  |
| width   | 22.5 mm   |
| depth   | 91 mm   |
| Ambient conditions  |   |
| ambient temperature during operation                            | -25 ... +60 °C  |
| Approvals Certificates  |   |
| General Product Approval  | EMV   |



EG-Konf.



CCC

[Confirmation](#)



UL



RCM

|     |                                |                   |       |             |
|-----|--------------------------------|-------------------|-------|-------------|
| EMV | For use in hazardous locations | Test Certificates | other | Environment |
|-----|--------------------------------|-------------------|-------|-------------|

[KC](#)



[Type Test Certificates/Test Report](#)

[Miscellaneous](#)

[Confirmation](#)

[Environmental Confirmations](#)

**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=3RN1013-1BW01>

**Cax online generator**

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RN1013-1BW01>

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

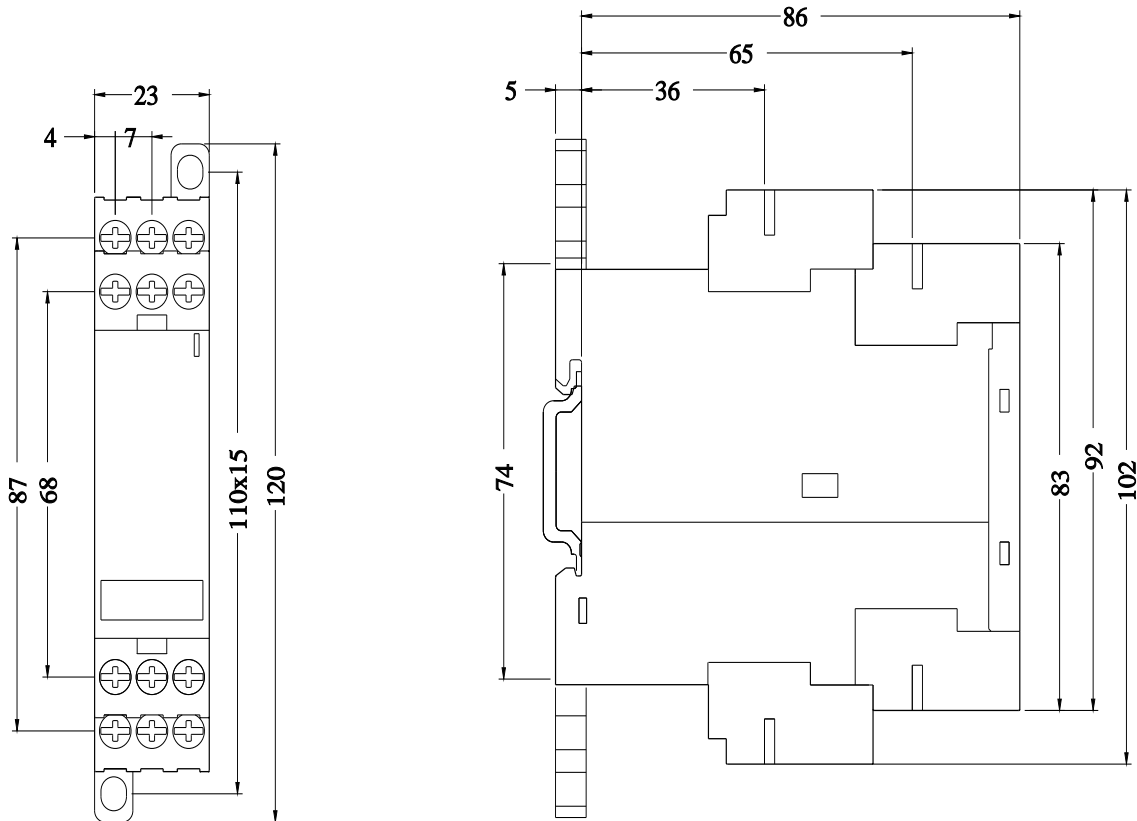
<https://support.industry.siemens.com/cs/ww/en/ps/3RN1013-1BW01>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3RN1013-1BW01&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RN1013-1BW01&lang=en)

**Characteristic: Derating**

<https://support.industry.siemens.com/cs/ww/en/ps/3RN1013-1BW01/manual>



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