



!!! Phased-out product !!! The preferred successor is 3RN2010-1CW30  
Thermistor motor protection Standard evaluation unit AUTO, 1 NO + 1 NC,  
110 V AC screw terminal

| General technical data                                          |                            |                                |
|-----------------------------------------------------------------|----------------------------|--------------------------------|
| display version LED                                             | Yes                        |                                |
| protection class IP                                             | IP20                       |                                |
| reference code acc. to IEC 81346-2                              | K                          |                                |
| Substance Prohibittance (Date)                                  | 28.05.2009 00:00:00        |                                |
| Product Function                                                |                            |                                |
| product function reclosing lockout                              | No                         |                                |
| Control circuit/ Control                                        |                            |                                |
| control supply voltage 1 at AC                                  |                            |                                |
| • at 50 Hz rated value                                          | 110 V                      |                                |
| • at 60 Hz rated value                                          | 110 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                    | 1                          |                                |
| number of NO contacts for auxiliary contacts                    | 1                          |                                |
| number of CO contacts for auxiliary contacts                    | 0                          |                                |
| Main circuit                                                    |                            |                                |
| type of voltage                                                 | AC                         |                                |
| 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                                                          | 92 mm                      |                                |
| width                                                           | 22.5 mm                    |                                |
| depth                                                           | 91 mm                      |                                |
| Ambient conditions                                              |                            |                                |
| ambient temperature during operation                            | -25 ... +60 °C             |                                |
| Certificates/ approvals                                         |                            |                                |
| General Product Approval                                        | EMC                        | For use in hazardous locations |



## Declaration of Conformity

## Test Certificates

## Marine / Shipping



EG-Konf.

[Miscellaneous](#)

[Type Test Certificates/Test Report](#)



LRS



PRS



RMRS

## Marine / Shipping

## other



[Confirmation](#)

[Miscellaneous](#)

## Further information

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=3RN1010-1CG00>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RN1010-1CG00>

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

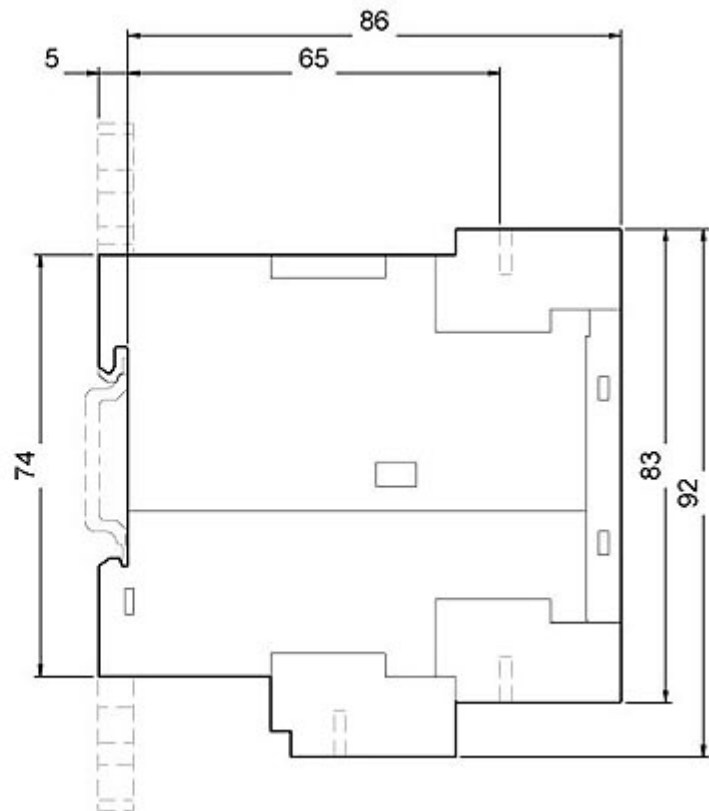
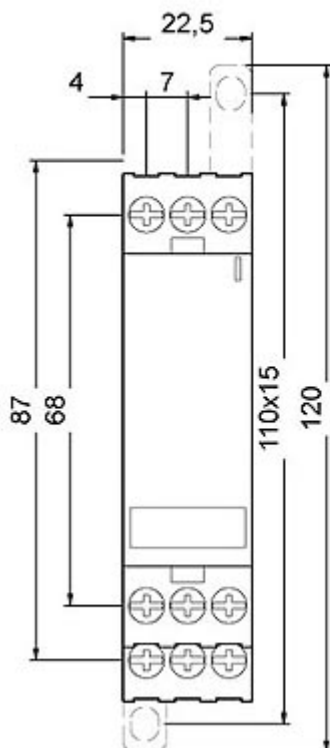
<https://support.industry.siemens.com/cs/ww/en/ps/3RN1010-1CG00>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3RN1010-1CG00&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RN1010-1CG00&lang=en)

Characteristic: Derating

<https://support.industry.siemens.com/cs/ww/en/ps/3RN1010-1CG00/manual>



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