



!!! Phased-out product !!! The preferred successor is 3RN2010-1CA30  
 Thermistor motor protection Standard evaluation unit AUTO, 1 NO + 1 NC,  
 24 V AC/DC screw terminal

General technical data	
display version LED	Yes
protection class IP	IP20
reference code according to IEC 81346-2	K
Substance Prohibitance (Date)	05/28/2009
Product Function	
product function reclosing lockout	No
Control circuit/ Control	
control supply voltage 1 at AC	
• at 50 Hz rated value	24 V
• at 60 Hz rated value	24 V
control supply voltage 1	
• at DC rated value	24 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/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	92 mm
width	22.5 mm
depth	91 mm
Ambient conditions	
ambient temperature during operation	-25 ... +60 °C
Certificates/ approvals	
General Product Approval	EMC



[Confirmation](#)



For use in hazardous locations	Declaration of Conformity	Test Certificates	other
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[Type Test Certificates/Test Report](#)

[Miscellaneous](#)

[Confirmation](#)

**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=3RN1010-1CB00>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RN1010-1CB00>

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

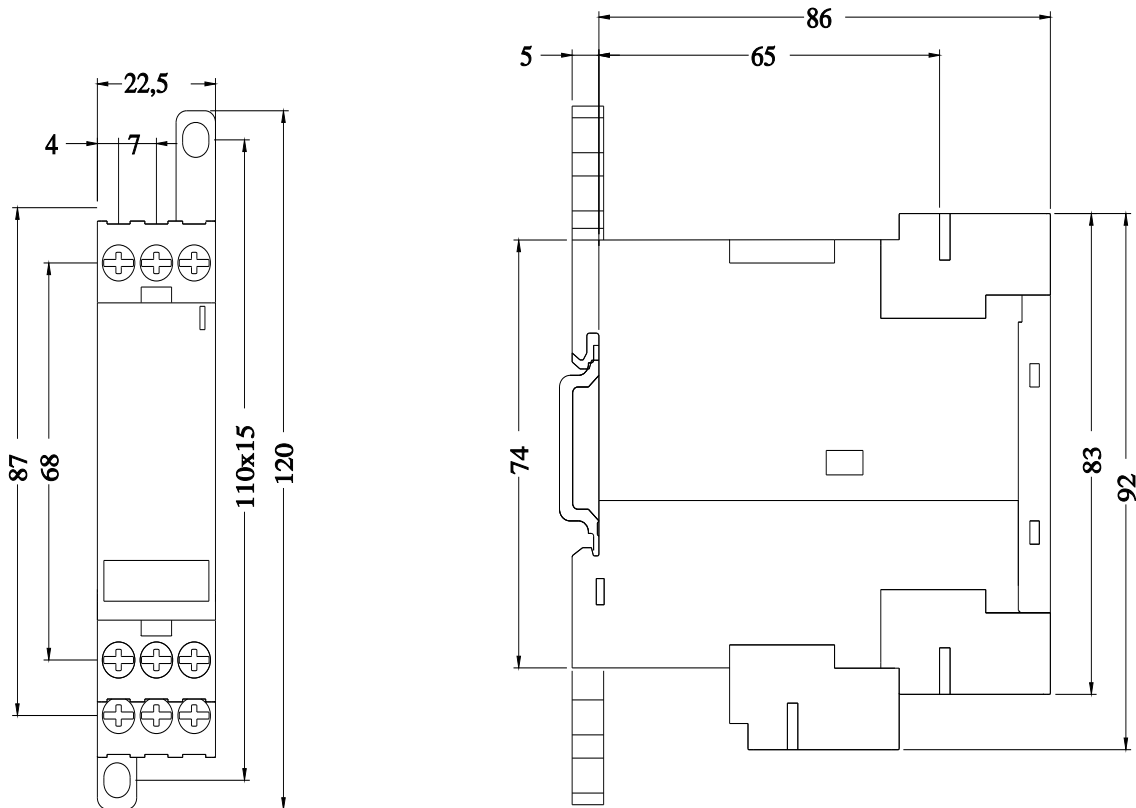
<https://support.industry.siemens.com/cs/ww/en/ps/3RN1010-1CB00>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3RN1010-1CB00&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RN1010-1CB00&lang=en)

Characteristic: Derating

<https://support.industry.siemens.com/cs/ww/en/ps/3RN1010-1CB00/manual>



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