

!!! Phased-out product !!! The preferred successor is 3RN2000-1AA30 Thermistor motor protection Compact evaluation unit AUTO, 1 W, 24 V AC/DC screw terminal



General technical data	
Display version LED	Yes
Protection class IP	IP20
Reference code acc. to DIN EN 81346-2	K
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 current circuit rated value	50 Hz
• 2 for auxiliary and control current 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	1

Main circuit

Type of voltage	AC/DC
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Connections/ Terminals

Type of electrical connection	
• for auxiliary and control current circuit	screw-type terminals

Installation/ mounting/ dimensions

Mounting type	screw and snap-on mounting
Height	83 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
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Declaration of Conformity	Test Certificates	Marine / Shipping
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[Miscellaneous](#)

[Type Test Certificates/Test Report](#)



Marine / Shipping	other
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[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?mfb=3RN1000-1AB00>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mfb=3RN1000-1AB00>

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

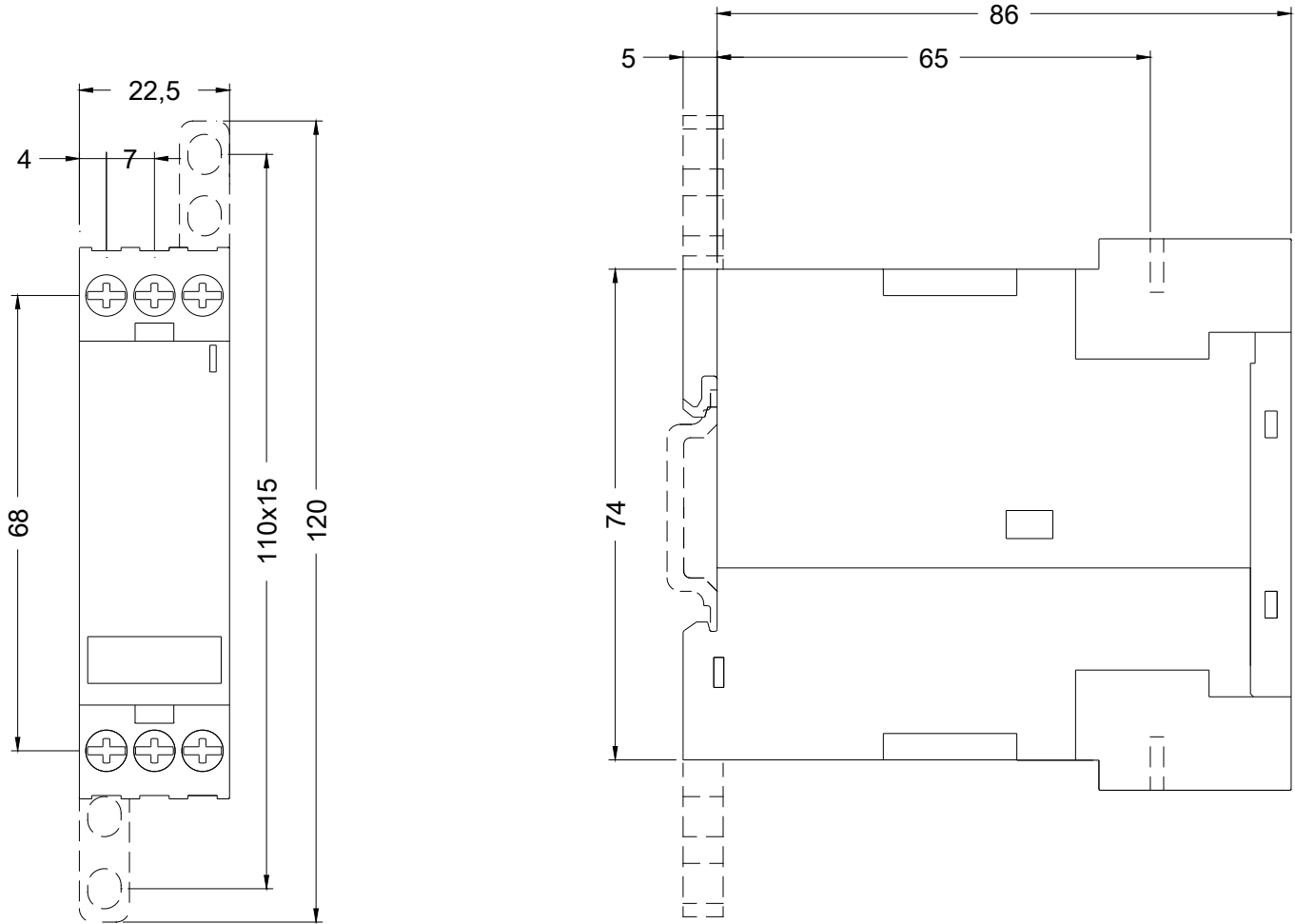
<https://support.industry.siemens.com/cs/ww/en/ps/3RN1000-1AB00>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mfb=3RN1000-1AB00&lang=en

Characteristic: Derating

<https://support.industry.siemens.com/cs/ww/en/ps/3RN1000-1AB00/manual>



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