



ASIsafe Basis Safety monitor 1 F-RO 1 enabling circuit IP20, with screw terminal removable terminals Safe output relay Response time max. 50 ms Monitor type 1, Version 3 Can be used up to Category 4 (EN954-1) up to PL E (EN ISO 13849-1) up to SIL 3 (IEC 61508)

Figure similar

General technical data:		
Design of the product		safety monitor, special version
Protocol is supported AS-interface protocol		Yes
Type		1 enabling circuit
Number of release circuits		1
Response time max.	ms	50
Type of electrical connection of the inputs and outputs		screw terminal
Rated operational current Ie		
• AC-12, 50/60 Hz 250 V	A	3
• AC-15, 50/60 Hz		
— 115 V	A	3
— 230 V	A	3
• DC-12 (DC-1) 24 V	A	3
• DC-13 (DC-11)		
— 24 V	A	1
— 115 V	A	0.1

— 230 V

A	0.05
Equipment marking acc. to DIN 40719 extended according to IEC 204-2 acc. to IEC 750	A
Equipment marking acc. to DIN EN 61346-2	F






#### Ambient conditions:

<b>Ambient temperature</b>		
• during operation	°C	-20 ... +60
• during storage	°C	-30 ... +70
<b>Protection class IP</b>		IP20

#### Mechanical data:

<b>Width</b>	mm	45
<b>Height</b>	mm	108
<b>Depth</b>	mm	120
<b>Mounting type</b>		screws / standard rail

#### Certificates/ approvals:

General Product Approval	EMC	Functional Safety/Safety of Machinery	Declaration of Conformity
 CSA	 UL	 EAC	 RCM
		<a href="#">Type Examination Certificate</a>	 EG-Konf.

Declaration of Conformity	Shipping Approval
<a href="#">Miscellaneous</a>	 ABS
	 LRS
	 PRS
	 RINA
	 RMRS

#### other

[Confirmation](#)

#### Further information

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

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

**Industry Mall (Online ordering system)**

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

**Cax online generator**

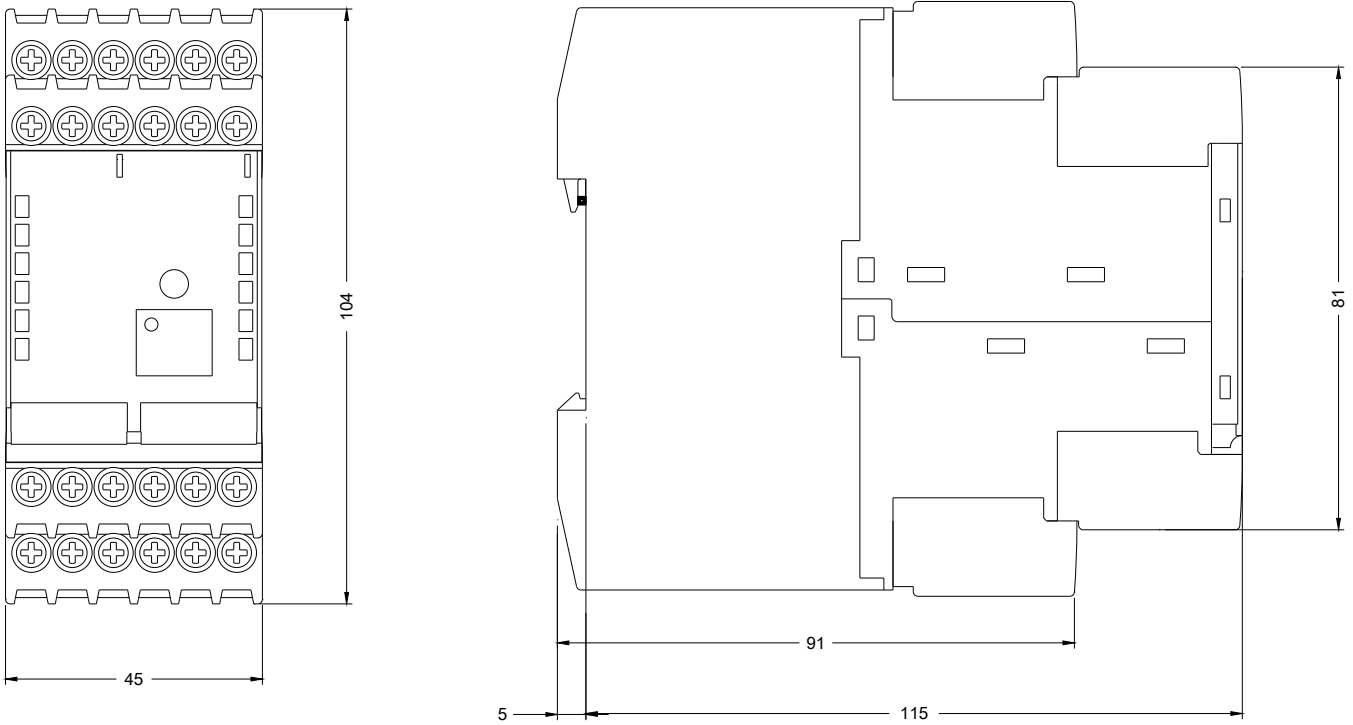
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK1105-1AE04-1CA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3RK1105-1AE04-1CA0>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3RK1105-1AE04-1CA0&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RK1105-1AE04-1CA0&lang=en)



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