



ASIsafe Basis Safety monitor 1 F-RO 1 enabling circuit IP20, with spring-type terminal removable terminals Safe output relay
Response time maximum 40 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)

General technical data		
design of the product		safety monitor
protocol is supported AS-Interface protocol		Yes
Type		1 enabling circuit
number of release circuits		1
Response time max.	ms	40
type of electrical connection of the inputs and outputs		spring-loaded terminals
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
reference code according to DIN 40719 extended according to IEC 204-2 according to IEC 750		A
reference code according to EN 61346-2		F
Ambient conditions		
ambient temperature		
• during operation	°C	-20 ... +60
• during storage	°C	-30 ... +70
protection class IP		IP20
Mechanical data		
width	mm	45
height	mm	108
depth	mm	120
fastening method		screws / DIN rail
Certificates/ approvals		
General Product Approval		EMV



[Confirmation](#)



EMV	Functional Safety	Marine / Shipping	other	Environment
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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=3RK1105-1AG04-0CA0>

Cax online generator

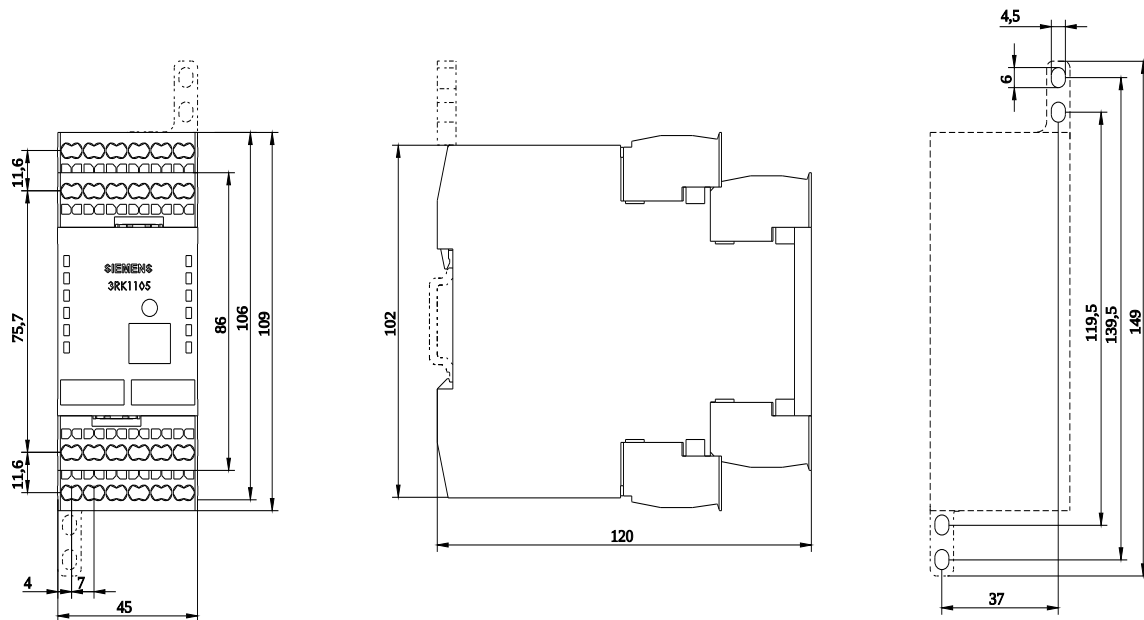
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK1105-1AG04-0CA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3RK1105-1AG04-0CA0>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RK1105-1AG04-0CA0&lang=en



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