

ASISAFE ENHANCED SAFETY MONITOR 1 F-RO, 1 ENABLING CIRCUIT, IP20, WITH SPRING-LOADED TERMINALS (REMOVABLE), SAFE OUTPUT RELAY RESPONSE TIME MAX. 40 MS, MONITOR TYPE 3, VERSION 3, APPLICABLE UP TO CATEGORY 4 (EN 954-1), UP TO PL E (EN ISO 13849-1), UP TO SIL 3 (IEC 61508), FOR AS-INTERFACE / AS-I SAFETY AT WORK

General technical data:

<b>Design of the product</b>		safety monitor, with expanded functionality
<b>Protocol is supported AS-interface protocol</b>		Yes
<b>Type</b>		1 enabling circuit
<b>Number of release circuits</b>		1
<b>Response time max.</b>	ms	40
<b>Type of electrical connection of the inputs and outputs</b>		spring-loaded terminals
<b>Rated operational current I<sub>e</sub></b>		
• 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
<b>Equipment marking acc. to DIN 40719 extended according to IEC 204-2 acc. to IEC 750</b>		A
<b>Equipment marking acc. to DIN EN 61346-2</b>		F

Ambient conditions:

<b>Ambient temperature</b>		
• 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
Mounting type		screws / standard rail

### Certificates/ approvals:

General Product Approval	Functional Safety/Safety of Machinery
--------------------------	---------------------------------------



[Type Examination Certificate](#)

Declaration of Conformity	Shipping Approval
---------------------------	-------------------



Shipping Approval	other
-------------------	-------



[Confirmation](#)

[Environmental Confirmations](#)

[Declaration of Conformity](#)

### 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**

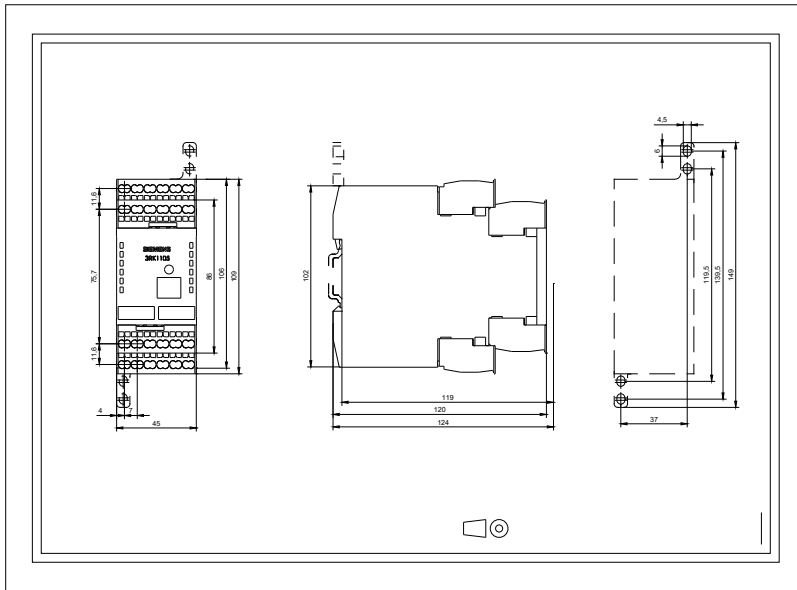
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mfb=3RK11051AG042CA0>

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

<http://support.automation.siemens.com/WW/view/en/3RK11051AG042CA0/all>

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

<http://www.automation.siemens.com/bilddb/index.aspx?attID9=3RK11051AG042CA0&lang=en>



last modified:

09.03.2015