



ASISAFE ENHANCED SAFETY MONITOR 2 F-RO, 2 ENABLING CIRCUITS, IP20, WITH SPRING-LOADED TERMINALS (REMOVABLE), SAFE OUTPUT RELAY RESPONSE TIME MAX. 40 MS, MONITOR TYPE 4, 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:

Design of the product		safety monitor, with expanded functionality
Protocol is supported AS-interface protocol		Yes
Type		2 enabling circuits
Number of release circuits		2
Response time max.	ms	40
Type of electrical connection of the inputs and outputs		spring-loaded terminals
Rated operational current I_e		
• 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:

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
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
-------------------	-------



[Environmental Confirmations](#)

[Declaration of Conformity](#)

[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&mfb=3RK11051BG042CA0>

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

<http://support.automation.siemens.com/WW/view/en/3RK11051BG042CA0/all>

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

<http://www.automation.siemens.com/bilddb/index.aspx?attID9=3RK11051BG042CA0&lang=en>

last modified:

09.03.2015