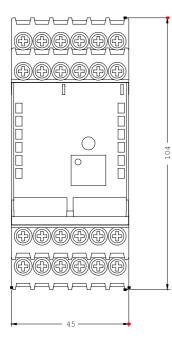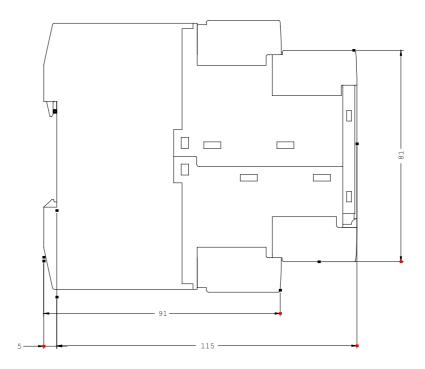# SIEMENS

ASISAFE BASIC SAFETY MONITOR 2 F-RO,
2 ENABLING CIRCUITS, IP20,
WITH SCREW-TYPE TERMINALS (REMOVABLE),
SAFE OUTPUT RELAY RESPONSE TIME MAX. 40 MS,
MONITOR TYPE 2, 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
Protocol / will be supported / AS interface protocol		Yes
Type		2 enabling circuits
Number of release circuits		2
Response time / max.	ms	40
Design of the electrical connection / of the inputs and outputs		screw-type 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
Item designation		
• according to DIN 40719 extendable after IEC 204-2 / according to IEC 750		A
• according to DIN EN 61346-2		F

Ambient conditions:

Ambient temperature		
• during operating	°C	60 … -20
• during storage	°C	70 … -30
Protection class IP		IP20

Mechanical design:

Width	mm	45
Height	mm	108
Depth	mm	120
Type of mounting		screws / standard rail

Certificates/approvals:

General Product Approval				Functional Safety / Safety of Machinery	Declaration of Conformity
CSA	GOST	TÜV	UL		CE EG-Konf.

Shipping Approval					
ABS	BUREAU VERITAS	DNV	Lloyd's Register LRS	PRS	RINA

other	
Confirmation	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/industrial-controls/mall

CAx-Online-Generator
http://www.siemens.com/cax

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
http://support.automation.siemens.com/WW/view/en/3RK1105-1BE04-0CA0/all

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3RK1105-1BE04-0CA0

last change: Mar 5, 2012