



ASISAFE ENHANCED SAFETY MONITOR 2 F-RO WITH INTEGRATED SAFETY SLAVE,  
 2 ENABLING CIRCUITS INCLUDING CONTROL OF ONE SAFE AS-I OUTPUT / SAFE COUPLING,  
 IP20,  
 WITH SCREW-TYPE TERMINALS (REMOVABLE),  
 SAFE OUTPUT RELAY RESPONSE TIME MAX. 40 MS,  
 MONITOR TYPE 6, 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>		2 enabling circuits
<b>Number of release circuits</b>		2
<b>Response time / max.</b>	ms	40
<b>Design of the electrical connection / of the inputs and outputs</b>		screw terminal
<b>Rated operational current Ie</b>		
<ul style="list-style-type: none"> <li>• AC-12, 50/60 Hz / 250 V</li> </ul>	A	3
<ul style="list-style-type: none"> <li>• AC-15, 50/60 Hz</li> </ul>		
<ul style="list-style-type: none"> <li>• 115 V</li> </ul>	A	3
<ul style="list-style-type: none"> <li>• 230 V</li> </ul>	A	3
<ul style="list-style-type: none"> <li>• DC-12 (DC-1) / 24 V</li> </ul>	A	3
<ul style="list-style-type: none"> <li>• DC-13 (DC-11)</li> </ul>		
<ul style="list-style-type: none"> <li>• 24 V</li> </ul>	A	1
<ul style="list-style-type: none"> <li>• 115 V</li> </ul>	A	0.1
<ul style="list-style-type: none"> <li>• 230 V</li> </ul>	A	0.05
<b>Reference code</b>		
<ul style="list-style-type: none"> <li>• according to DIN 40719 extended according to IEC 204-2 / according to IEC 750</li> </ul>		A
<ul style="list-style-type: none"> <li>• according to DIN EN 61346-2</li> </ul>		F

## Ambient conditions:

### Ambient temperature

- during operating
- during storage

°C	60 ... -20
°C	70 ... -30

### Protection class IP

IP20

## Mechanical design:

### Width

mm 45

### Height

mm 108

### Depth

mm 120

### Mounting type

screws / standard rail

## Certificates/approvals:

### General Product Approval

### Functional Safety / Safety of Machinery



### Declaration of Conformity



EG-Konf.

### Shipping Approval



### other

[Confirmation](#)

[Declaration of  
Conformity](#)

[Environmental  
Confirmations](#)

## 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

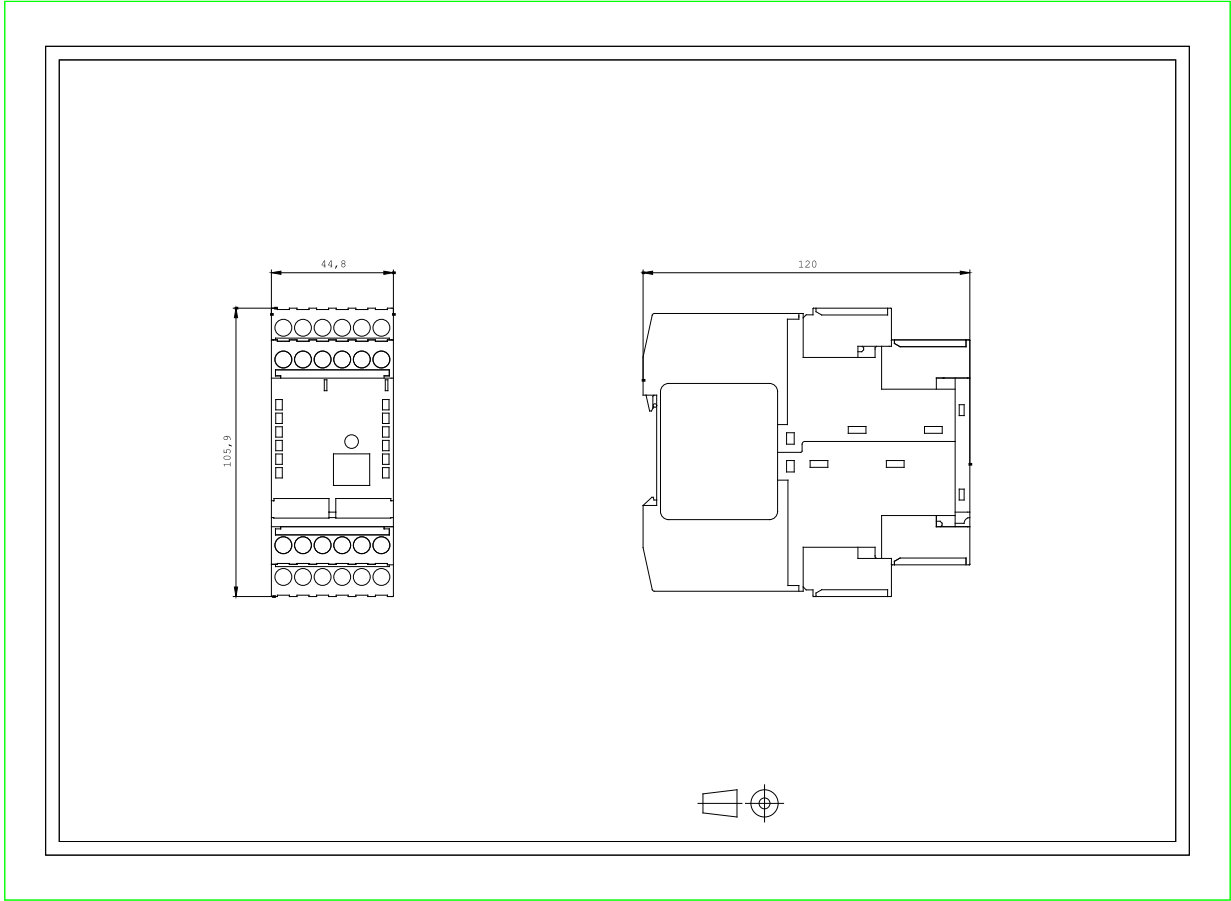
<http://www.siemens.com/cax>

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

<http://support.automation.siemens.com/WW/view/en/3RK1105-1BE04-4CA0/all>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3RK1105-1BE04-4CA0](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3RK1105-1BE04-4CA0)



last change:

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