



ASISAFE ENHANCED SAFETY MONITOR 2 F-RO, 2 ENABLING CIRCUITS, IP20, WITH SCREW-TYPE 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 | | screw terminal |
| Rated operational current I_e | | |
| <ul style="list-style-type: none"> • AC-12, 50/60 Hz 250 V | A | 3 |
| <ul style="list-style-type: none"> • 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 | Declaration of Conformity | Shipping Approval |
|---------------------------------|--|----------------------------------|--------------------------|



[Type Examination Certificate](#)



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



[Confirmation](#)

| |
|--------------|
| other |
|--------------|

[Environmental Confirmations](#)

Further information

Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/industrial-controls/catalogs>

Industry Mall (Online ordering system)

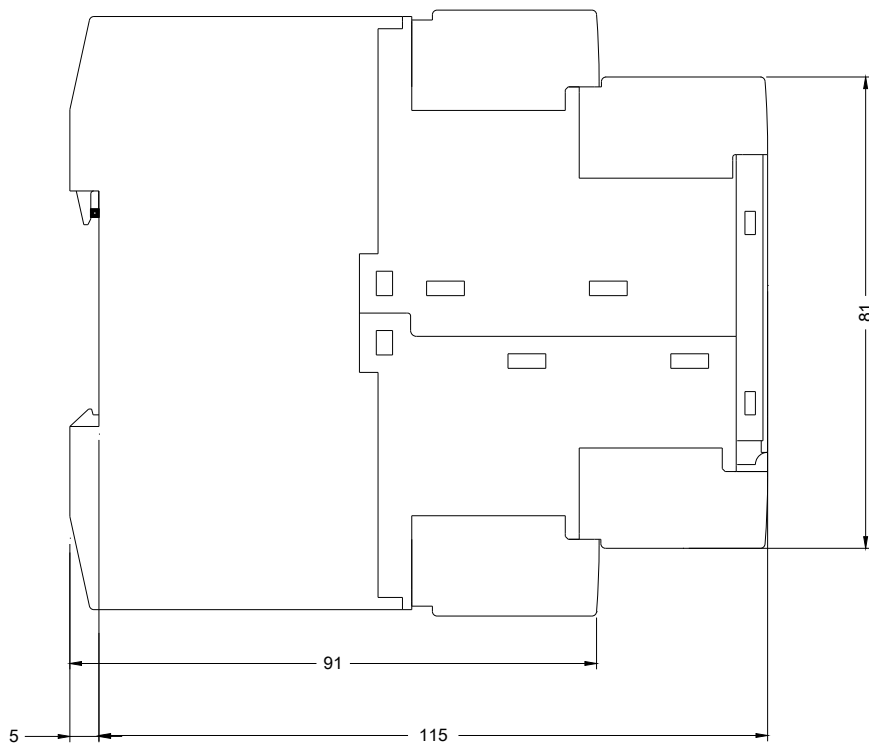
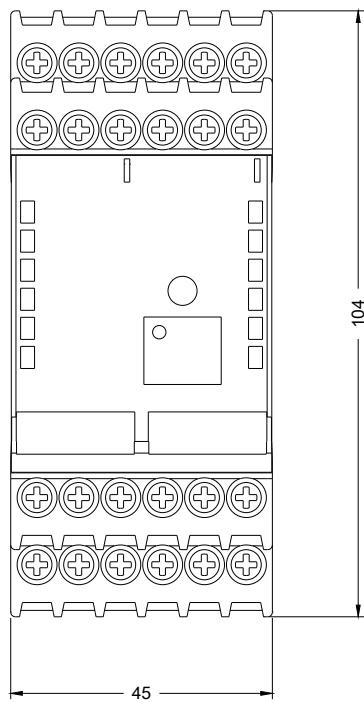
<http://www.siemens.com/industrymall>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK1105-1BE04-2CA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3RK1105-1BE04-2CA0>



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