



ASIsafe extended Safety monitor 2 F-RO 2 enabling circuits IP20, with spring-type terminal removable terminals Safe output relay Response time maximum 40 ms Monitor type 4, Version 3 Can be used up to Category 4 (EN954-1) up to PL E (EN ISO 13849-1) up to SIL 3 (IEC 61508)

| 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 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 |
| reference code according to DIN 40719 extended according to IEC 204-2 according to IEC 750 | | A |
| reference code according to 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 |
| fastening method | | screws / DIN rail |
| Certificates/ approvals | | |
| General Product Approval | EMC | Functional Safety/Safety of Machinery |



[Confirmation](#)



[Type Examination Certificate](#)



other

[Confirmation](#)

Further information

Siemens has decided to exit the Russian market (see here).

<https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business>

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

Information on the packaging

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

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

<https://www.siemens.com/ic10>

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RK1105-1BG04-2CA0>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK1105-1BG04-2CA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3RK1105-1BG04-2CA0>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RK1105-1BG04-2CA0&lang=en

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