



CURRENT/VOLTAGE MEASUR. MODULE; SET CURRENT 2,4...25A; VOLTAGE DETECTION UP TO 690V; OVERALL WIDTH 45MM; STRAIGHT-THROUGH CT

Figure similar

| | |
|---------------------|----------------------------------|
| product brand name | SIRIUS |
| Product designation | current/voltage measuring module |

General technical data:

| | |
|---|--------------------------------|
| Insulation voltage | |
| • Rated value | 690 V |
| Vibration resistance | 1-6 Hz / 15 mm; 6-500 Hz / 2 g |
| Surge voltage resistance Rated value | 6 000 V |
| Protection class IP | IP20 |
| Equipment marking | |
| • acc. to DIN EN 61346-2 | F |
| • acc. to DIN EN 81346-2 | F |

Electromagnetic compatibility:

| | |
|--|-------------------------------------|
| EMC emitted interference | |
| • acc. to IEC 60947-1 | class A |
| EMI immunity acc. to IEC 60947-1 | corresponds to degree of severity 3 |
| Conducted interference due to burst acc. to IEC 61000-4-4 | 2 kV |
| Conducted interference due to conductor-earth surge acc. to IEC 61000-4-5 | 2 kV |
| Conducted interference due to conductor-conductor surge acc. to IEC 61000-4-5 | 1 kV |
| Field-bound parasitic coupling acc. to IEC 61000-4-3 | 10 V/m |

Inputs/ Outputs:

| | |
|--|---|
| Number of outputs as contact-affected switching element | 0 |
|--|---|

| Communication/ Protocol: | |
|---|---|
| Product function Bus communication | No |
| Installation/ mounting/ dimensions: | |
| mounting position | any |
| Mounting type | screw and snap-on mounting |
| Height | 85 mm |
| Width | 45 mm |
| Depth | 66 mm |
| Connections/ Terminals: | |
| Type of electrical connection | |
| <ul style="list-style-type: none"> • for main current circuit • for auxiliary and control current circuit | straight-through transformers screw-type terminals |
| Product function | |
| <ul style="list-style-type: none"> • removable terminal for auxiliary and control circuit | Yes |
| Ambient conditions: | |
| Installation altitude at height above sea level maximum | 4 000 m |
| Ambient temperature | |
| <ul style="list-style-type: none"> • during operation • during storage • during transport | -25 ... +60 °C -40 ... +80 °C -40 ... +80 °C |
| Relative humidity during operation | 5 ... 95 % |
| Safety related data: | |
| Protection against electrical shock | finger-safe |
| Main circuit: | |
| Number of poles for main current circuit | 3 |
| Adjustable response value current of the current-dependent overload release | 2.4 ... 25 A |
| Operating voltage | |
| <ul style="list-style-type: none"> • with AC <ul style="list-style-type: none"> — at 50 Hz Rated value — at 60 Hz Rated value | 110 ... 690 V 110 ... 690 V |
| Operating frequency Rated value | 50 ... 60 Hz |
| Control circuit/ Control: | |
| Type of voltage of the control supply voltage | AC |
| Certificates/ approvals: | |

| | | |
|--------------------------|-----|--------------------------------|
| General Product Approval | EMC | For use in hazardous locations |
|--------------------------|-----|--------------------------------|



| | | | |
|--------------------------------|-------------------|-------------------|-------|
| For use in hazardous locations | Test Certificates | Shipping Approval | other |
|--------------------------------|-------------------|-------------------|-------|

[Explosion Protection Certificate](#)

[Special Test Certificate](#)

[Type Test Certificates/Test Report](#)



[Declaration of Conformity](#)

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

[Confirmation](#)

[PROFISafe-Certification](#)



Profibus

[PROFINET-Certification](#)

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

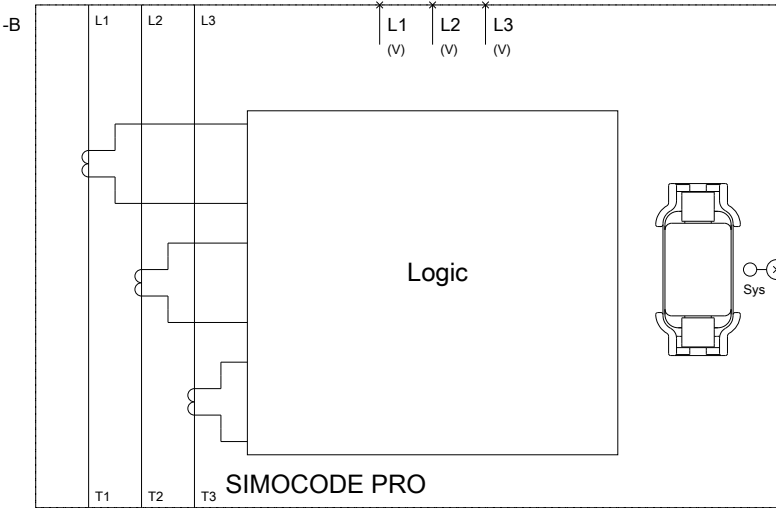
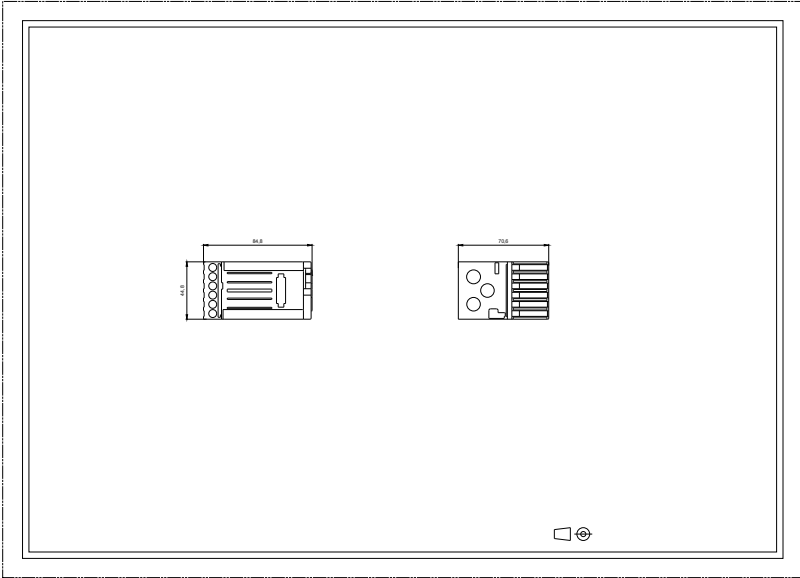
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mfb=3UF71111AA000>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3UF71111AA000>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mfb=3UF71111AA000&lang=en



last modified:

05.05.2015