



DIGITAL MODULE;
4 INPUTS AND 2 RELAY OUTPUTS;
INPUT VOLTAGE AC/DC 110-240V MONOSTABLE RELAY
OUTPUTS;
MAXIMUM 2 DIGITAL MODULES PER BASIC UNIT 2

| General technical data: | | |
|--|----|-------------------------------------|
| Product brand name | | SIRIUS |
| product designation | | digital modules |
| Protection class IP | | IP20 |
| Built in orientation | | any |
| Installation altitude / at a height over sea level / maximum | m | 4,000 |
| Ambient temperature | | |
| • during storage | °C | -40 ... 80 |
| • during operating | °C | -25 ... 60 |
| • during transport | °C | -40 ... 80 |
| Relative humidity | | |
| • during operating phase | % | 5 ... 95 |
| EMC immunity to interference / according to IEC 60947-1 | | corresponds to degree of severity 3 |
| Conductor-bound parasitic coupling BURST | | |
| • according to IEC 61000-4-4 | | 1 kV |
| Conductor-bound parasitic coupling conductor-earth SURGE | | |
| • according to IEC 61000-4-5 | | 2 kV |
| Conductor-bound parasitic coupling conductor-conductor SURGE | | |
| • according to IEC 61000-4-5 | | 1 kV |

| | | |
|--|---|--------------------------------|
| Field-bound parasitic coupling | | |
| • according to IEC 61000-4-3 | | 10 V/m |
| Resistance against vibration | | 1-6 Hz / 15 mm; 6-500 Hz / 2 g |
| Impulse voltage resistance / rated value | V | 4,000 |
| Insulation voltage / rated value | V | 300 |
| Switching behaviour | | monostable |
| Number of outputs | | 2 |
| Number of inputs | | 4 |
| Number of analog outputs | | 0 |
| Number of analog inputs | | 0 |
| Number of digital inputs | | 4 |
| Number of outputs / as contact-affected switching element | | 2 |
| Product component / input for thermistor connection | | No |
| Item designation | | |
| • according to DIN 40719 extendable after IEC 204-2 / according to IEC 750 | | A |
| • according to DIN EN 61346-2 | | K |

Control circuit:

| | | |
|---|---|-------------|
| Type of voltage / of the controlled supply voltage | | AC/DC |
| Control supply voltage | | |
| • for DC | | |
| • rated value | V | 110 ... 240 |
| • at 50 Hz / at AC | | |
| • rated value | V | 110 ... 240 |
| • at 60 Hz / at AC | | |
| • rated value | V | 110 ... 240 |

Installation/mounting/dimensions:

| | | |
|-------------------------|----|----------------------------|
| Type of mounting | | screw and snap-on mounting |
| Width | mm | 22.5 |
| Height | mm | 92 |
| Depth | mm | 124 |

Connections:

| | | |
|--|-----------------|----------------------|
| Design of the electrical connection | | |
| • for auxiliary and control current circuit | | screw-type terminals |
| Conductor cross-section that can be connected / for auxiliary contact | | |
| • solid | mm ² | 0.5 ... 4 |
| • stranded wire | | |

| | | |
|--|-----------------|-------------|
| • with conductor end processing | mm ² | 0.5 ... 2.5 |
| • without conductor final cutting | mm ² | 0.5 ... 2.5 |
| AWG number / as coded connectable conductor cross-section | | |
| • for auxiliary contact | | 20 ... 14 |

Certificates/approvals:

Verification of suitability

CE / UL / CSA / CCC / C-TICK / GOST / NOM / ATEX / NEPSI / ABS / DNV / GL / LRS / RoHS

General Product Approval

For use in hazardous locations



CQC



CSA

[ROSTEST](#)



UL

[CQST](#)

[DEKRA EXAM,
DMT](#)

Test Certificates

Shipping Approval

[Manufacturer](#)



ABS



DNV



GL

other

[Manufacturer](#)

[PNO](#)

[other](#)

Safety:

Protection against electrical shock

finger-safe

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

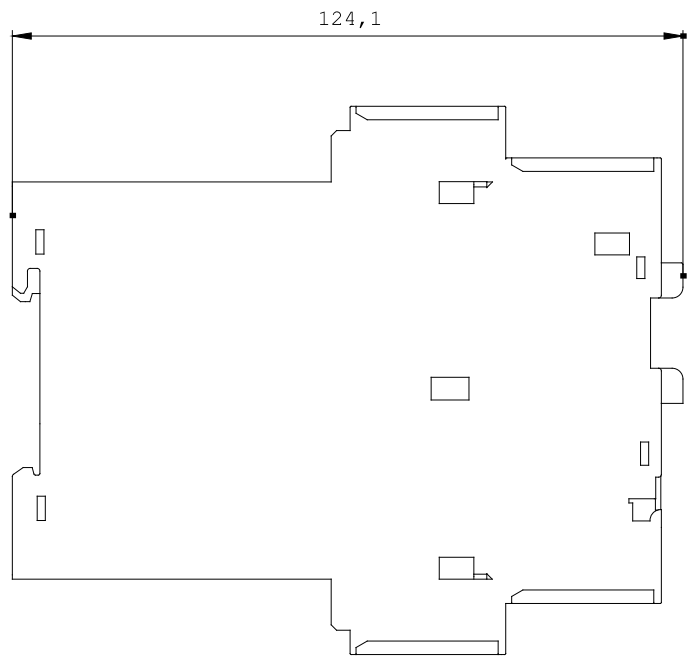
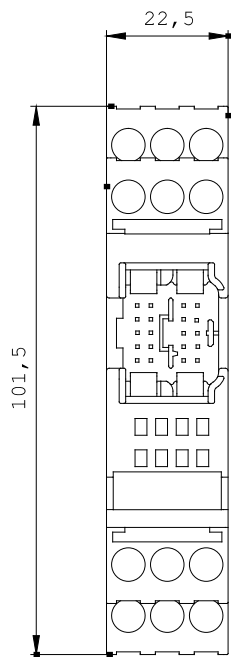
<http://www.siemens.com/cax>

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

<http://support.automation.siemens.com/WW/view/en/3UF7300-1AU00-0/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3UF7300-1AU00-0



last change:

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