

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



product brand name	SIRIUS
Product designation	digital modules
General technical data	
Product component	
• input for analog temperature sensors	No
• input for ground fault detection	No
Insulation voltage	
• rated value	300 V
Surge voltage resistance rated value	4 000 V
Protection class IP	IP20
Vibration resistance	1-6 Hz / 15 mm; 6-500 Hz / 2 g
Switching behavior	bistable
Equipment marking	
• acc. to DIN EN 61346-2	K
• acc. to DIN EN 81346-2	K
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	1 kV
• due to conductor-earth surge acc. to IEC 61000-4-5	2 kV
• 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 inputs	4
Number of digital inputs	4
Number of analog inputs	0
Number of outputs	2
Number of outputs as contact-affected switching element	2
Number of analog outputs	0
Number of semiconductor outputs	0

Installation/ mounting/ dimensions	
Mounting position	any
Mounting type	screw and snap-on mounting
Height	92 mm
Width	22.5 mm
Depth	124 mm

Connections/Terminals	
Type of electrical connection	
• for auxiliary and control current circuit	screw-type terminals

Ambient conditions	
Installation altitude at height above sea level maximum	4 000 m
Ambient temperature	
• during operation	-25 ... +60 °C
• during storage	-40 ... +80 °C
• during transport	-40 ... +80 °C
Environmental category during operation acc. to IEC 60721	3K6 (no formation of ice, no condensation), 3C3 (no salt mist), 3S2 (sand must not get into the devices), 3M6
Relative humidity during operation	5 ... 95 %

Safety related data	
Protection against electrical shock	finger-safe

Control circuit/ Control	
Type of voltage of the control supply voltage	AC/DC
Control supply voltage at AC	

- at 50 Hz rated value
- at 60 Hz rated value

110 ... 240 V

110 ... 240 V

Control supply voltage frequency 1 rated value

50 Hz

Control supply voltage frequency 2 rated value

60 Hz

Certificates/approvals

General Product Approval

EMC

For use in
hazardous
locations



CCC



CSA



UL



C-Tick

[Explosionsschutz-
zertifikat](#)

Declaration of
Conformity

Test Certificates

Shipping Approval



EG-Konf.

[spezielle
Prüfbescheinigun-
gen](#)

[Typprüfbescheinigu-
ng/Werkszeugnis](#)



ABS



DNV



GL

Shipping
Approval

other



RMRS

[Bestätigungen](#)

[PROFINET-
Zertifizierung](#)



Profibus

[PROFISafe-
Zertifizierung](#)

Further information

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

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

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3UF7310-1AU00-0>

Cax online generator

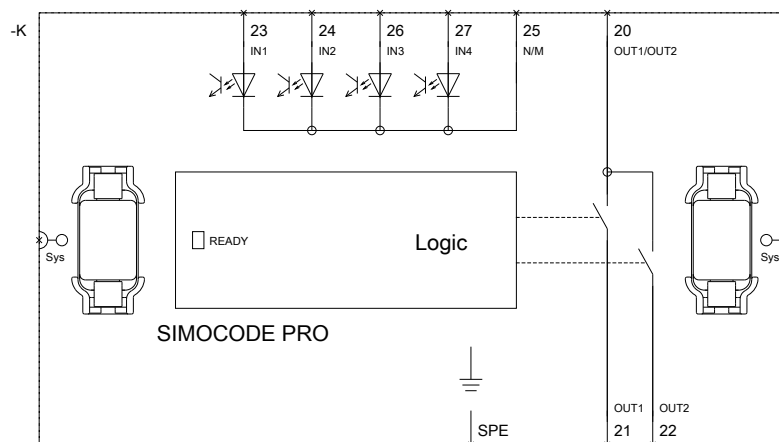
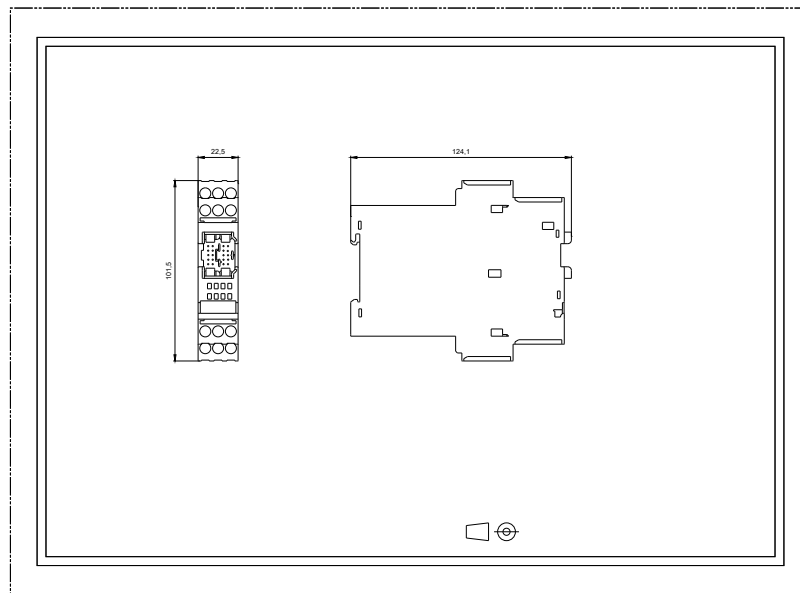
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3UF7310-1AU00-0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3UF7310-1AU00-0>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3UF7310-1AU00-0&lang=en



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10/07/2016