

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

<b>Product brand name</b>	SIRIUS
<b>Product designation</b>	digital modules

### General technical data

<b>Product component</b>	
<ul style="list-style-type: none"> <li>input for thermistor connection</li> </ul>	No
<ul style="list-style-type: none"> <li>input for analog temperature sensors</li> </ul>	No
<ul style="list-style-type: none"> <li>input for ground fault detection</li> </ul>	No
<b>Insulation voltage</b>	
<ul style="list-style-type: none"> <li>rated value</li> </ul>	300 V
<b>Surge voltage resistance rated value</b>	4 000 V
<b>Protection class IP</b>	IP20
<b>Vibration resistance</b>	1-6 Hz / 15 mm; 6-500 Hz / 2 g
<b>Switching behavior</b>	bistable
<b>Certificate of suitability</b>	CE / UL / CSA / CCC / C-Tick (RCM) / GOST / NOM / ABS / DNV / GL / LRS / RoHS
<b>Equipment marking</b>	
<ul style="list-style-type: none"> <li>acc. to DIN EN 61346-2</li> </ul>	K
<ul style="list-style-type: none"> <li>acc. to DIN EN 81346-2</li> </ul>	K

### Electromagnetic compatibility

<b>EMC emitted interference</b>	
<ul style="list-style-type: none"> <li>acc. to IEC 60947-1</li> </ul>	class A
<b>Conducted interference</b>	
<ul style="list-style-type: none"> <li>due to burst acc. to IEC 61000-4-4</li> </ul>	1 kV
<ul style="list-style-type: none"> <li>due to conductor-earth surge acc. to IEC 61000-4-5</li> </ul>	2 kV
<ul style="list-style-type: none"> <li>due to conductor-conductor surge acc. to IEC 61000-4-5</li> </ul>	1 kV
<b>Field-bound parasitic coupling acc. to IEC 61000-4-3</b>	10 V/m

### Inputs/ Outputs

<b>Number of inputs</b>	4
<b>Number of digital inputs</b>	4
<b>Number of analog inputs</b>	0
<b>Number of outputs</b>	2
<b>Number of outputs as contact-affected switching element</b>	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

<b>Type of electrical connection</b>	screw-type terminals
<ul style="list-style-type: none"> <li>for auxiliary and control current circuit</li> </ul>	

### Ambient conditions

<b>Ambient temperature</b>	
<ul style="list-style-type: none"> <li>during operation</li> <li>during storage</li> <li>during transport</li> </ul>	<p>-25 ... +60 °C</p> <p>-40 ... +80 °C</p> <p>-40 ... +80 °C</p>
<b>Relative humidity</b>	
<ul style="list-style-type: none"> <li>during operation</li> </ul>	5 ... 95 %

### Safety related data

<b>Protection against electrical shock</b>	finger-safe
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### Control circuit/ Control

<b>Type of voltage of the control supply voltage</b>	AC/DC
<b>Control supply voltage at AC</b>	
<ul style="list-style-type: none"> <li>at 50 Hz rated value</li> <li>at 60 Hz rated value</li> </ul>	<p>110 ... 240 V</p> <p>110 ... 240 V</p>
<b>Control supply voltage at DC</b>	
<ul style="list-style-type: none"> <li>rated value</li> </ul>	110 ... 240 V

### Certificates/approvals

General Product Approval	EMC	For use in hazardous locations
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[Explosion Protection Certificate](#)

Declaration of Conformity	Test Certificates	Shipping Approval
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[Special Test Certificate](#)

[Type Test Certificates/Test Report](#)



Shipping Approval	other
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[Confirmation](#)

[PROFINET-Certification](#)



Profibus

[PROFIsafe-Certification](#)

#### 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?mfb=3UF7310-1AU00-0>

**Cax online generator**

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mfb=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?mfb=3UF7310-1AU00-0&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mfb=3UF7310-1AU00-0&lang=en)

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