

INTERFACE CONVERTER AC/DC 24 V, 2 WAY  
SEPARATION ON: 16 SIGNALS OFF: 0 TO 10 V; 0/4  
TO 20 MA SCREW CONNECTION



Figure similar

General technical data:		
product brand name		SIRIUS
Product designation		universal converter
Design of the base unit		switchable, active
Number of channels		1
Ambient temperature		
• during operation	°C	-25 ... +60
• during transport	°C	-40 ... +85
• during storage	°C	-40 ... +85
Insulation voltage for overvoltage category III according to IEC 60664 with degree of pollution 2	V	50
Rated value		
Active power consumption	W	0.75
Protection class IP		IP20
Vibration resistance acc. to IEC 60068-2-6		10 ... 55 Hz: 0.35 mm
Shock resistance acc. to IEC 60068-2-27		15g / 11 ms
Equipment marking acc. to DIN EN 61346-2		K
Equipment marking acc. to DIN 40719 extended according to IEC 204-2 acc. to IEC 750		K

Connections/ Terminals:		
Type of electrical connection		screw-type terminals
Tightening torque with screw-type terminals	N·m	0.4 ... 0.5
Type of connectable conductor cross-section		
<ul style="list-style-type: none"> <li>• solid</li> <li>• finely stranded with core end processing</li> <li>• for AWG conductors <ul style="list-style-type: none"> <li>— stranded</li> </ul> </li> </ul>		1x (0.5 ... 2.5 mm <sup>2</sup> ) 2x (0.5 ... 2.5 mm <sup>2</sup> )  2x (20 ... 16)

Galvanic isolation:		
Design of the electrical isolation		2 paths
Galvanic isolation		
<ul style="list-style-type: none"> <li>• between entrance and outlet</li> <li>• between the voltage supply and other circuits</li> </ul>		Yes  No

Supply voltage:		
Type of voltage		AC/DC
Supply voltage frequency Rated value	Hz	50 ... 60
Supply voltage		
<ul style="list-style-type: none"> <li>• at AC <ul style="list-style-type: none"> <li>— at 50 Hz Rated value</li> <li>— at 60 Hz Rated value</li> </ul> </li> <li>• at DC Rated value</li> </ul>	V V V	24 ... 24 24 ... 24 24 ... 24
Operating range factor supply voltage rated value		
<ul style="list-style-type: none"> <li>• at AC <ul style="list-style-type: none"> <li>— at 50 Hz</li> <li>— at 60 Hz</li> </ul> </li> <li>• at DC</li> </ul>		0.8 ... 1.2 0.8 ... 1.2 0.7 ... 1.25

Inputs:		
Limit frequency	Hz	30
Input voltage maximum	V	30
Input voltage typical	V	24

Outputs:		
Load at the current output maximum	Ω	400
Load at voltage output maximum	kΩ	1
Property of the output Short-circuit proof		Yes
Overvoltage strength at the current output maximum	V	30
Type of signal		
<ul style="list-style-type: none"> <li>• at output</li> <li>• at input</li> </ul>		0 ... 10 V, 0 ... 20 mA, 4 ... 20 mA 0 ... 60 mV, 0 ... 100 mV, 0 ... 300 mV, 0 ... 500 mV, 0 ... 1 V, 0 ... 2 V, 0 ... 5 V, 0 ... 10 V, 0 ... 20 V, 2 ... 10 V, 0 ... 5 mA, 0 ... 10 mA, 0 ... 20 mA, 4 ... 20 mA, +/-5 mA, +/-20 mA




#### Precision:

Relative metering precision	%	0.1
Relative linearity deviation	%	0.02
Temperature drift per °C	%/°C	0.015
Rise time	ms	10
Settling time for 1 % deviation	ms	30
Voltage ripple maximum	mV	5

#### Installation/ mounting/ dimensions:

Mounting type		snap-on mounting on 35 mm DIN rail according to DIN EN 50022
mounting position		any
Height	mm	79
Width	mm	17.5
Depth	mm	84

#### Certificates/ approvals:

General Product Approval	Declaration of Conformity	Test Certificates	other
		 EG-Konf.	<a href="#">spezielle Prüfbescheinigung</a> <a href="#">n</a> <a href="#">Umweltbestätigung</a>

#### 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

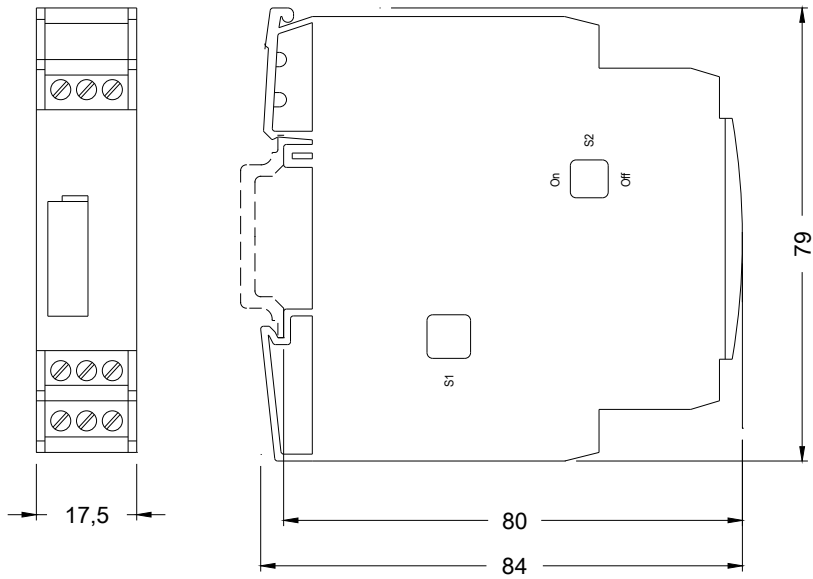
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mfb=3RS17061FD00>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3RS17061FD00>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mfb=3RS17061FD00&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mfb=3RS17061FD00&lang=en)



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