

INTERFACE CONVERTER PASSIVE SEPARATORS,  
1-CHANNEL ON: 0/4 TO 20 MA OFF: 0/4 TO 20 MA  
WIDTH 6.2 MM SCREW CONNECTION



Figure similar

General technical data:		
product brand name		SIRIUS
Product designation		single interface converter
Design of the base unit		passive
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		
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:

<b>Type of electrical connection</b>		screw-type terminals
Tightening torque with screw-type terminals	N·m	0.4 ... 0.5
<b>Type of connectable conductor cross-section</b>		
<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:

<b>Design of the electrical isolation</b>		2 paths
<b>Galvanic isolation</b>		
<ul style="list-style-type: none"> <li>• between entrance and outlet</li> </ul>		Yes

#### Inputs:

<b>Voltage drop at operating resource</b>	V	2.7
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#### Outputs:

<b>Load at the current output maximum</b>	Ω	400
<b>Influence of the load on measuring accuracy</b>		0.06 %/100 Ω
<b>Property of the output Short-circuit proof</b>		Yes
<b>Type of signal</b>		
<ul style="list-style-type: none"> <li>• at output</li> <li>• at input</li> </ul>		0/4 ... 20 mA 0/4 ... 20 mA




#### Precision:

<b>Relative metering precision</b>	%	0.1
<b>Relative linearity deviation</b>	%	0.02
<b>Temperature drift per °C</b>	%/°C	0.01
<b>Voltage ripple maximum</b>	mV	5
<b>Relative load error</b>	%/Ω	0.06

#### Installation/ mounting/ dimensions:

<b>Mounting type</b>		snap-on mounting on 35 mm DIN rail according to DIN EN 50022
<b>mounting position</b>		any
<b>Height</b>	mm	79
<b>Width</b>	mm	6.2
<b>Depth</b>	mm	84

#### Certificates/ approvals:

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

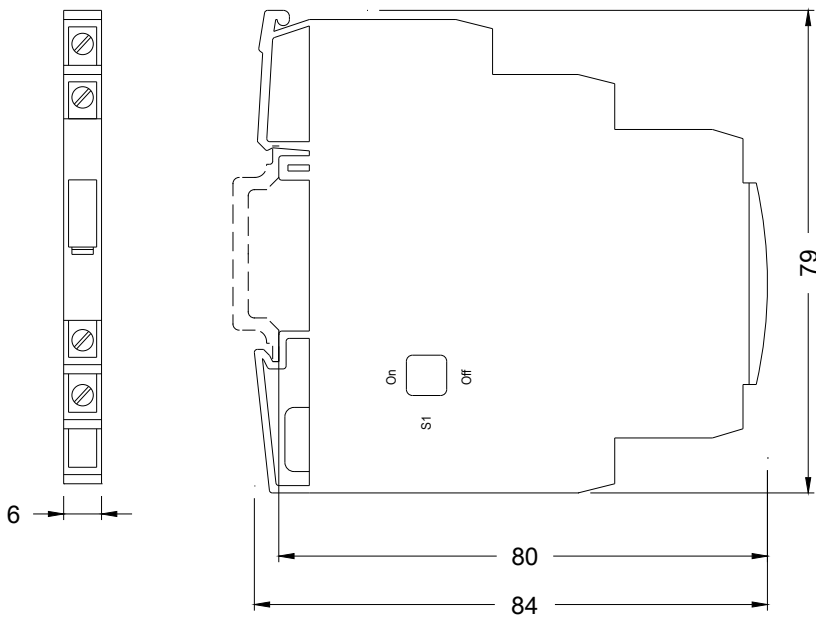
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RS17201ET00>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3RS17201ET00>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3RS17201ET00&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RS17201ET00&lang=en)



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