



INTERFACE CONVERTER WITH H-A-SWITCH AC/DC 24V,
3 WAY SEPARATION EIN: 0 TO 10 V;
0/4 TO 20 MA OFF: 0 TO 10 V;
0/4 TO 20 MA SCREW CONNECTION

General technical details:

product brand name		SIRIUS
Product designation		multi-range converters
Design of the base unit		switchable, active, with manual/automatic switch and single potentiometer as manual analog signal transmitter
Number of channels		1
Ambient temperature		
• during operating	°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 / rated value	V	300
Recorded real power	W	0.75
Protection class IP		IP20
Resistance against vibration / according to IEC 60068-2-6		10 ... 55 Hz: 0.35 mm
Shock resistance / according to IEC 60068-2-27		15g / 11 ms
Reference code / according to DIN EN 61346-2		K
Reference code / according to DIN 40719 extended according to IEC 204-2 / according to IEC 750		K

Connections:

Design of the electrical connection		screw-type terminals
Type of the connectable conductor cross-sections • solid • finely stranded / with wire end processing • for AWG conductors • stranded		1x (0.5 ... 2.5 mm ²) 2x (0.5 ... 2.5 mm ²) 2x (20 ... 16)

Galvanic isolation:

Design of the electrical isolation		3 paths
Galvanic isolation • between entrance and outlet • between the voltage supply and other circuits		Yes Yes

Supply voltage:

Type of voltage		AC/DC
Supply voltage frequency • rated value	Hz	50 ... 60
Supply voltage • at 50 Hz / for AC • rated value • at 60 Hz / for AC • rated value • for DC • rated value	V V V	24 ... 240 24 ... 240 24 ... 240
Working range factor supply voltage rated value • at 50 Hz / for AC • at 60 Hz / for AC • for DC		0.8 ... 1.1 0.8 ... 1.1 0.7 ... 1.1

Inputs:

Limit frequency	Hz	30
Input voltage / maximum	V	30
Input voltage / typical	V	24

Outputs:

Burden / at the current output / maximum	Ω	400
Burden / at the voltage output / maximum	kΩ	1
Characteristic feature of the output / short-circuit protected		Yes
Overvoltage strength / at the current output / maximum	V	30
Type of signal • secondary side		0 ... 10 V, 0 ... 20 mA, 4 ... 20 mA

• at the input

0 ... 10 V, 0 ... 20 mA, 4 ... 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 % conformity error	ms	30
Ripple of voltage / 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	90

Certificates/approvals:

General Product Approval

Test Certificates

other



[Special Test Certificate](#)

[Declaration of Conformity](#)

[Environmental Confirmations](#)

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

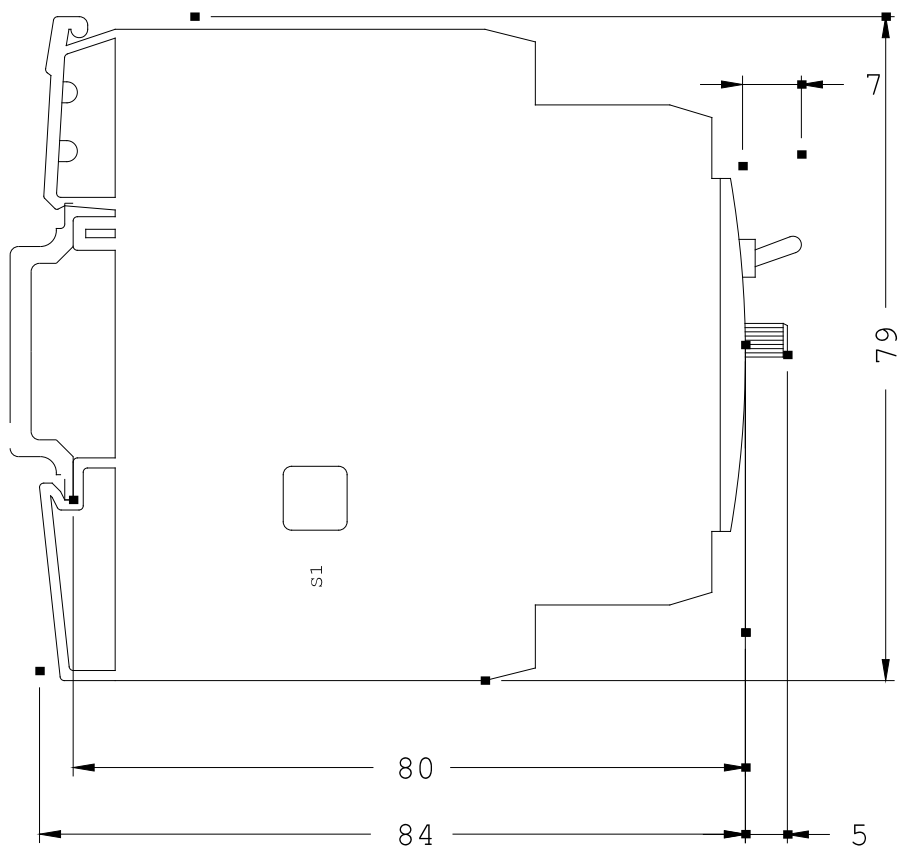
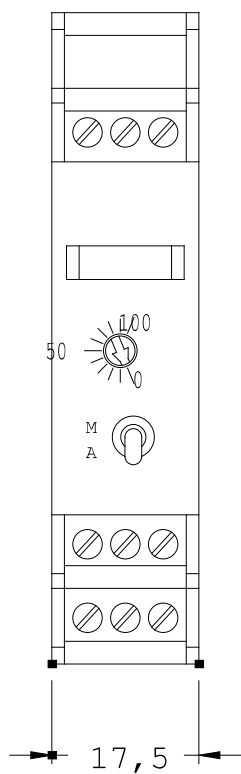
<http://www.siemens.com/cax>

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

<http://support.automation.siemens.com/WW/view/en/3RS1725-1FW00/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3RS1725-1FW00



last change:

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