

AS-INTERFACE COMPACT MOD., IP67 ANALOG, 2AI,
 NUMERIC. FORMAT S7 2 X INP. (M12), PT100 LIN.
 ST. FOR 2-WIRE SENSORS ONLY ACTIVE
 CHANNELS 1 AND 2 MOUNTING PLATE
 3RK19010CA00 TO BE ORDERED SEPARATELY

General technical data:		
Design of the product		analog I/O modules for operation in the field, IP67 - K60
Type of device		analog input modules for thermal resistor
Type		2 inputs
Design of the slave type		analog slave
I/O configuration		7
ID code		3
Type of electrical connection of the inputs and outputs		M12 screw-type terminals
Consumed current from profile conductors of the AS-interface		
• at 30 V maximum	mA	100
• at 24 V with AS-i Power24V maximum	mA	100
operating voltage according to AS-Interface specification	V	26.5 ... 31.6
Current consumption when connected		
• 2 sensors		
— without Uaux infeed max	mA	46
— from Uaux infeed max.	mA	500
Voltage supply auxiliary voltage additional for sensors Uaux	V	24 ... 30
Profile		7.3
Measuring/output value		thermal resistor/resistor
Measuring/output range		adjustable: Pt100 / Ni100 / 0 ... 600 Ohm
Smoothing function		configurable
Line filter	Hz	50
Channels active		1 and 2
A/D resolution for analog inputs/outputs	bit	16
Type of connection		2-conductor
Product function suitable for AS-i Power24V		Yes; from product status 13 / firmware V1.0
Inputs:		
Number of analog inputs		2
Inputs sensors		2-conductor sensors

Input variable		Ohm
Design of the sensor at the analog input is supported		No
• Thermocouple • Resistor temperature sensor		Yes
Product function input variable parameterizable		Yes
Number of analog outputs		0
Status display		green LED
• AUX PWR (Uaux) • AS-Interface • FAULT		green LED
		red LED

Ambient conditions:

Ambient temperature		
• during operation	°C	-20 ... +60
• during storage	°C	-40 ... +85
Protection class IP		IP67

Mechanical data:

Width	mm	60
Height	mm	152
Depth	mm	29
Mounting type		standard rail mounting/wall mounting using mounting plate for K60 compact module

Certificates/ approvals:

AS-Interface certificate		available soon
Approvals		UL, CSA, shipbuilding

General Product Approval	Functional Safety/Safety of Machinery	Declaration of Conformity	other
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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=3RK1207-3BQ40-0AA3-Z A01>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3RK1207-3BQ40-0AA3-Z A01>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RK1207-3BQ40-0AA3-Z A01&lang=en

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