

AS-i compact module K60 analog 2 AI, IP67 2 x input, resistor Pt100, Ni100, 0..600 ohm for 4-wire sensors 2 x M12 socket Mounting plate 3RK1901-0CA00 must 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
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

<b>Profile</b>		7.3
<b>Measuring/output value</b>		thermal resistor/resistor
<b>Measuring/output range</b>		adjustable: Pt100 / Ni100 / 0 ... 600 Ohm
<b>Smoothing function</b>		configurable
<b>Line filter</b>	Hz	50
<b>Channels active</b>		1 and 2
<b>A/D resolution for analog inputs/outputs</b>	bit	16
<b>Type of connection</b>		4-conductor

### Inputs

<b>Number of analog inputs</b>		2
<b>Inputs sensors</b>		2/3/4-conductor sensors
<b>Input variable</b>		Ohm
<b>Design of the sensor at the analog input is supported</b>		
• Thermocouple		No
• Resistor temperature sensor		Yes
<b>Product function input variable parameterizable</b>		Yes
<b>Number of analog outputs</b>		0
<b>Status display</b>		
• AUX PWR (Uaux)		green LED
• AS-Interface		green LED
• FAULT		red LED

### Ambient conditions

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

### Mechanical data

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

### Certificates/ approvals

General Product Approval      EMC      Declaration of Conformity



CSA



UL



RCM



EG-Konf.

[Miscellaneous](#)

Shipping Approval



ABS



BUREAU VERITAS



LRS



PRS



RINA



RMRS

other



ASi

[Confirmation](#)

Further information

**Information- and Downloadcenter (Catalogs, Brochures,...)**

<https://www.siemens.com/ic10>

**Industry Mall (Online ordering system)**

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RK1207-3BQ40-0AA3>

**Cax online generator**

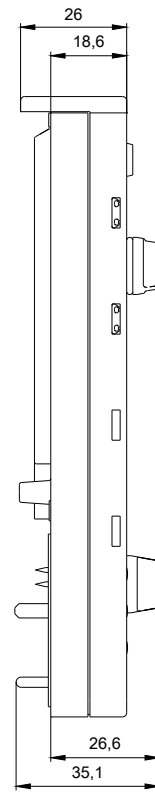
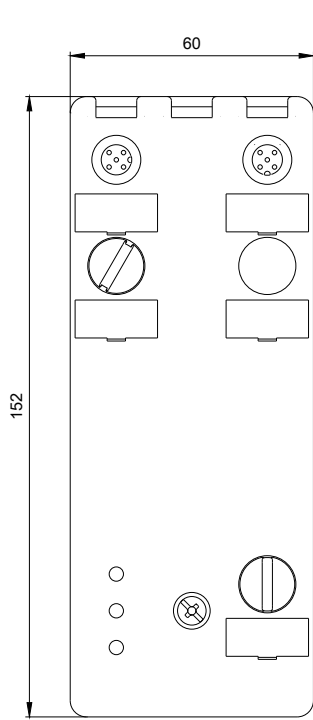
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK1207-3BQ40-0AA3>

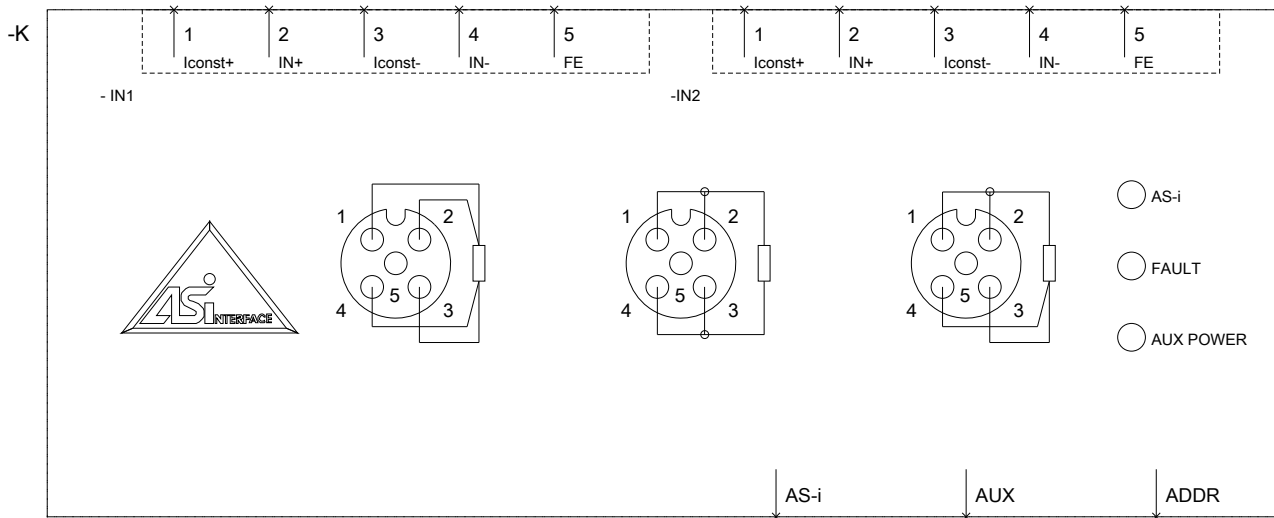
**Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**

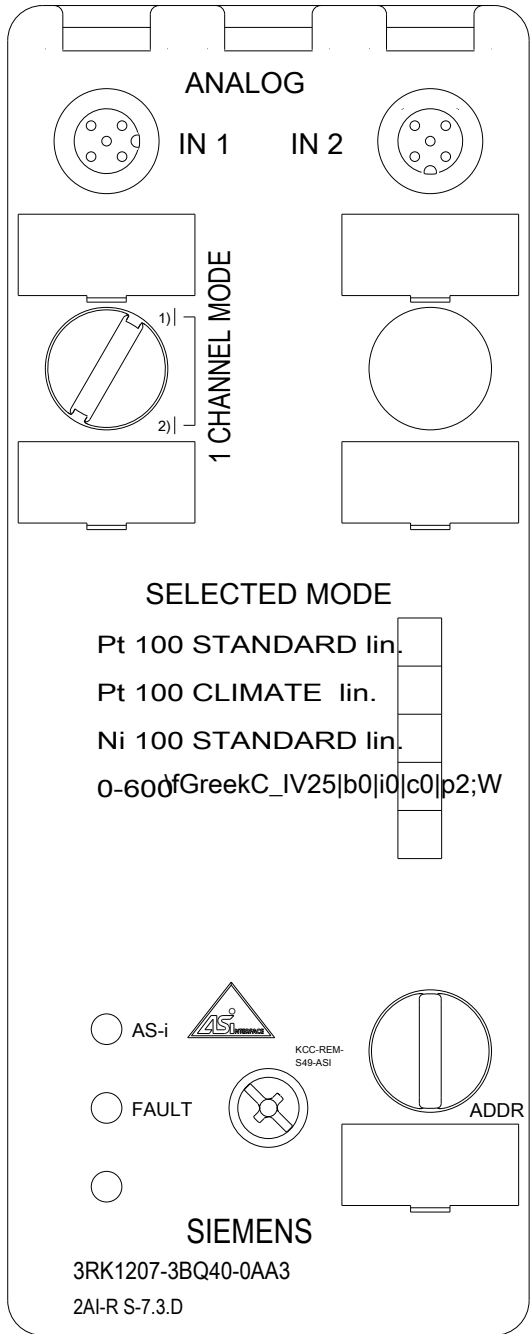
<https://support.industry.siemens.com/cs/ww/en/ps/3RK1207-3BQ40-0AA3>

**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&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RK1207-3BQ40-0AA3&lang=en)







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