



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-OCA00 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
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 technology		4-conductor
Inputs		
number of analog inputs		2
Inputs sensors		2/3/4-conductor sensors
input variable		Ohm
design of the sensor at the analog input is supported		
• thermocouple		No
• resistor temperature sensor		Yes
product function input variable parameterizable		Yes
number of analog outputs		0
Status display		
• AUX PWR (Uaux)		green LED
• AS-Interface		green LED
• FAULT		red LED
Ambient conditions		
ambient temperature		
• during operation	°C	-20 ... +60

• during storage	°C	-40 ... +85
protection class IP		IP67
<b>Mechanical data</b>		
width	mm	60
height	mm	152
depth	mm	29
fastening method		standard rail mounting/wall mounting using mounting plate for K60 compact module

<b>Certificates/ approvals</b>	
General Product Approval	EMV



[Confirmation](#)



EG-Konf.



UL



RCM

EMV	Marine / Shipping	other	Environment	Industrial Communication
-----	-------------------	-------	-------------	--------------------------

[KC](#)



DNV



PRS

[Confirmation](#)

[Environmental Confirmations](#)



ASi

**Further information**

**Information on the packaging**

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

**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>

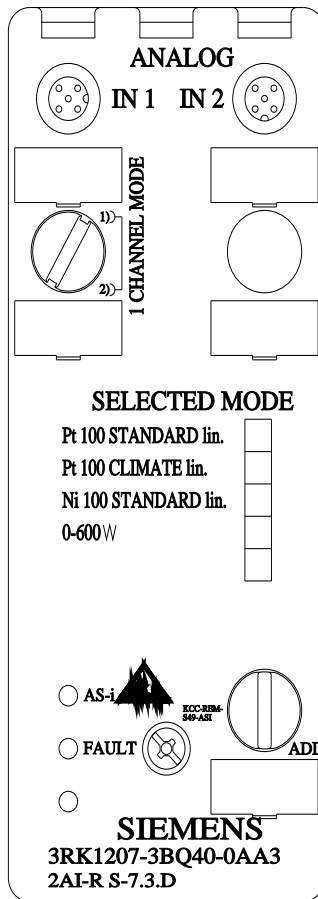
**Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**

<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)





last modified:

3/11/2024