



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

General technical data		
<b>design of the product</b>		analog I/O modules for operation in the field, IP67 - K60
<b>Type of device</b>		analog input modules for thermal resistor
<b>Type</b>		4 inputs
<b>design of the slave type</b>		analog slave
<b>I/O configuration</b>		7
<b>ID code</b>		3
<b>type of electrical connection of the inputs and outputs</b>		M12 screw-type terminals
<b>consumed current from profile conductors of the AS-Interface at 30 V maximum</b>	mA	100
<b>operating voltage according to AS-Interface specification</b>	V	26.5 ... 31.6
<b>Current consumption when connected</b>		
• 2 sensors		
— without Uaux infeed max	mA	46
— from Uaux infeed max.	mA	500
<b>Voltage supply auxiliary voltage additional for sensors Uaux</b>	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>		4
<b>A/D resolution for analog inputs/outputs</b>	bit	16
<b>type of connection technology</b>		4-conductor
Inputs		
<b>number of analog inputs</b>		4
<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
- protection class IP

°C	-40 ... +85
	IP67

#### Mechanical data

width	mm	60
height	mm	152
depth	mm	29
fastening method	standard rail mounting/wall mounting using mounting plate for K60 compact module	

#### Certificates/ approvals

General Product Approval	EMC	Declaration of Conformity
--------------------------	-----	---------------------------



[Confirmation](#)



#### Marine / Shipping



#### other



[Confirmation](#)

#### 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=3RK1207-3BQ44-0AA3>

##### Cax online generator

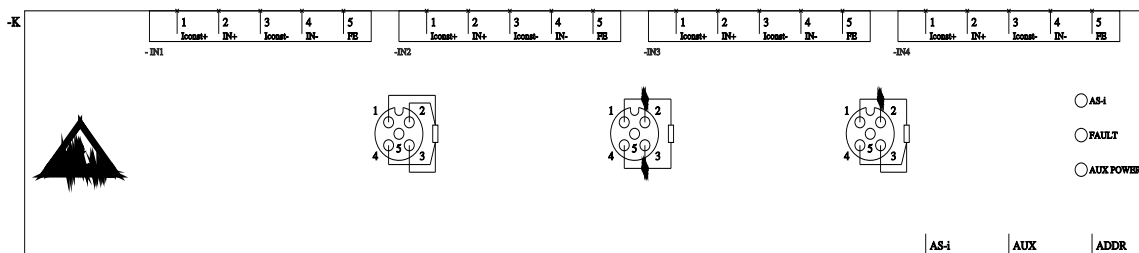
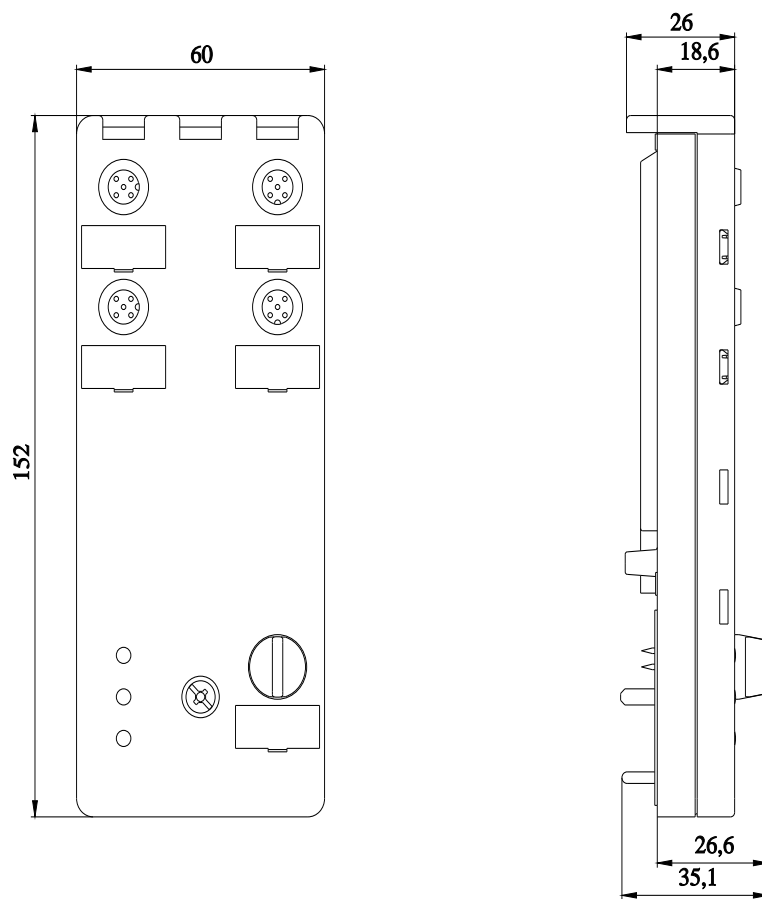
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK1207-3BQ44-0AA3>

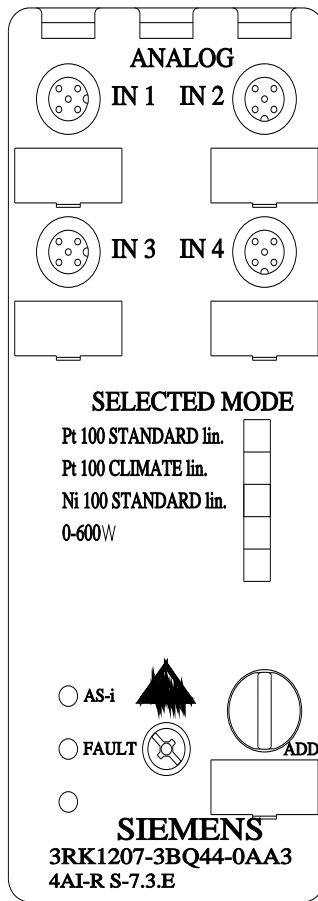
##### Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3RK1207-3BQ44-0AA3>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3RK1207-3BQ44-0AA3&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RK1207-3BQ44-0AA3&lang=en)





last modified:

1/18/2021 