



AS-INTERFACE COMPACT MOD., IP67 ANALOG, 2AI, NUMERIC. FORMAT S7 2 X INP. (M12), PT100 LIN. ST. FOR 4-WIRE SENSORS 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
Design of the electrical connection / of the inputs and outputs		M12 screw-type terminals
Total current Input / when connected / from sensors/actuators	mA	150
operating voltage		
• according to AS-Interface specification	V	26.5 ... 31.6
Current consumption / when connected		
• 2 sensors / without Uaux infeed / max	mA	46
Current consumption / when connected / 2 sensors / 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

Line filter	Hz	50
Channels / active		1 and 2
A/D resolution / for analog inputs/outputs	bit	16
Type of connection		4-conductor

Inputs:		
Number of analog inputs		2
Inputs / sensors		2/3/4-conductor sensors
Input quantity		Ohm
Design of the sensor / at the analog input / is supported		
• thermocouple		No
• resistor temperature sensor		Yes
Product function / input variable parametrizable		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 operating	°C	-20 ... +60
• during storage	°C	-40 ... +85
Protection class IP		IP67

Mechanical design:		
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



Shipping Approval



other

[Confirmation](#)

[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

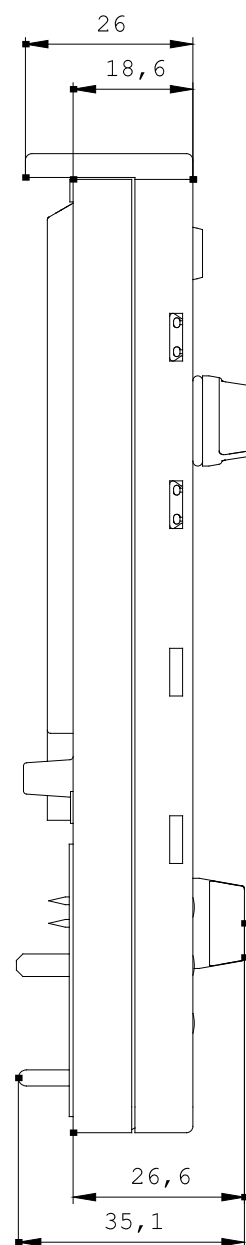
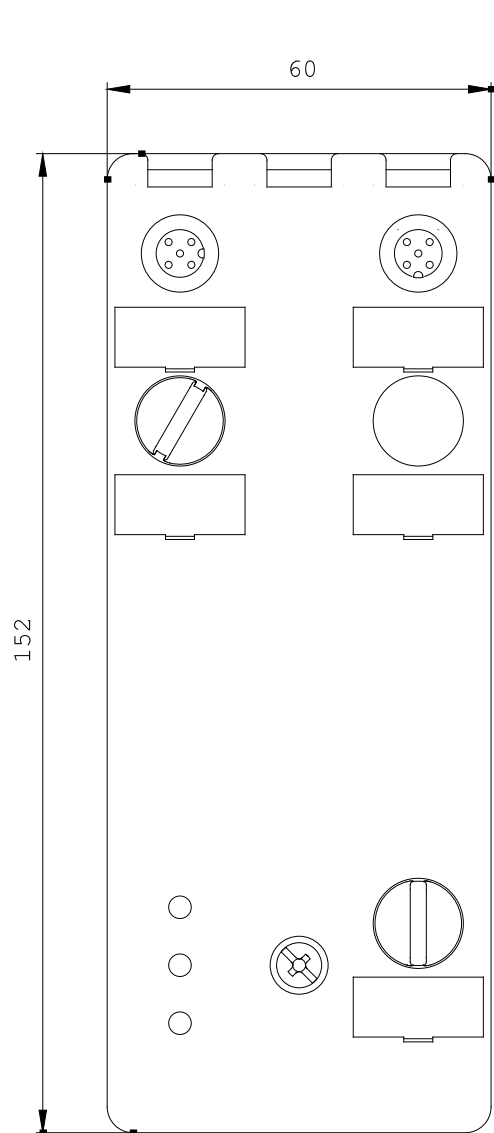
<http://www.siemens.com/cax>

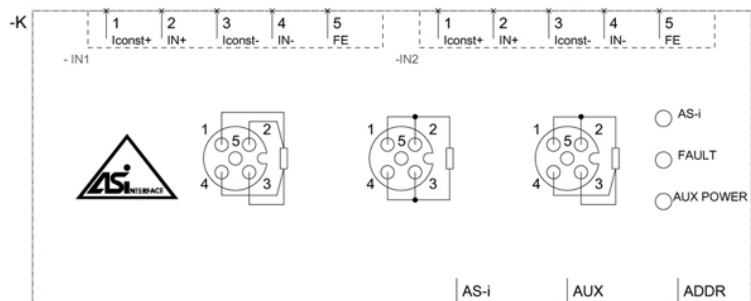
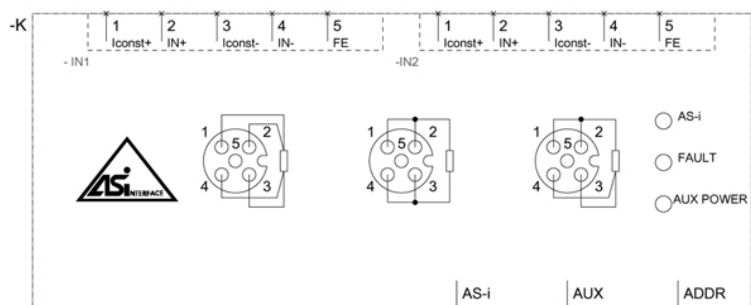
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<http://support.automation.siemens.com/WW/view/en/3RK1207-3BQ40-0AA3/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3RK1207-3BQ40-0AA3





last change:

Jul 28, 2014