

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 | | |
|------------------------------------------------------------------------------|----|-----------------------------------------------------------|
| 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 | | 4 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 | | 4 |
| A/D resolution for analog inputs/outputs | bit | 16 |
| Type of connection | | 4-conductor |

Inputs

| | | |
|--------------------------------------------------------------|--|-------------------------|
| Number of analog inputs | | 4 |
| 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 |

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

General Product Approval



CSA



UL



RCM



EG-Konf.

[Miscellaneous](#)

Shipping Approval



ABS



BUREAU
VERITAS



LRS



PRS



RINA



RMRS

other

[Confirmation](#)



ASi

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=3RK1207-3BQ44-0AA3>

Cax online generator

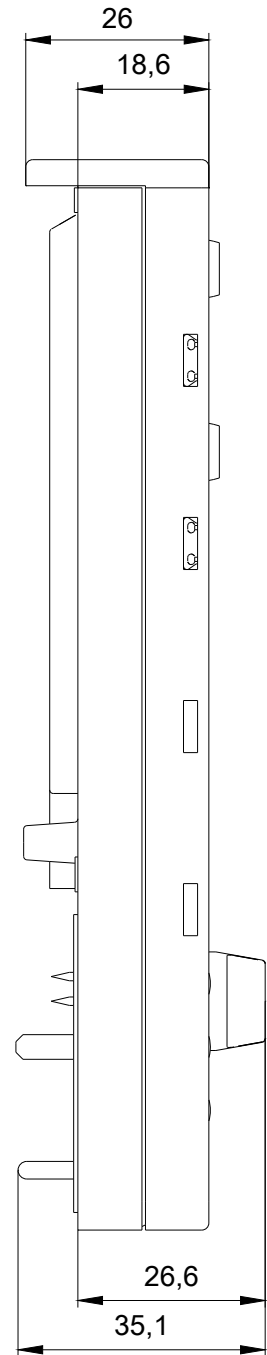
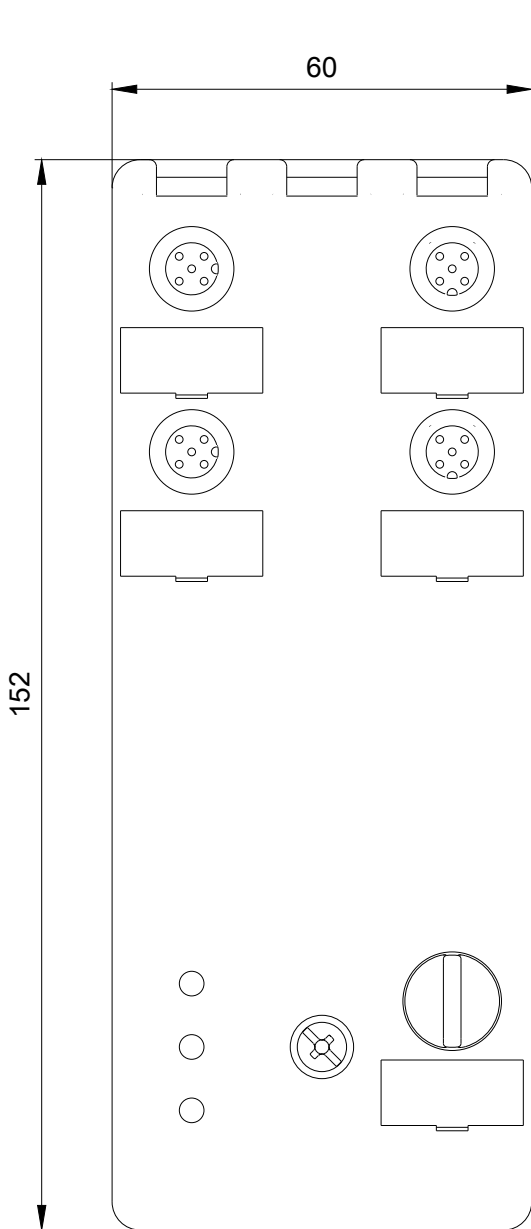
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK1207-3BQ44-0AA3>

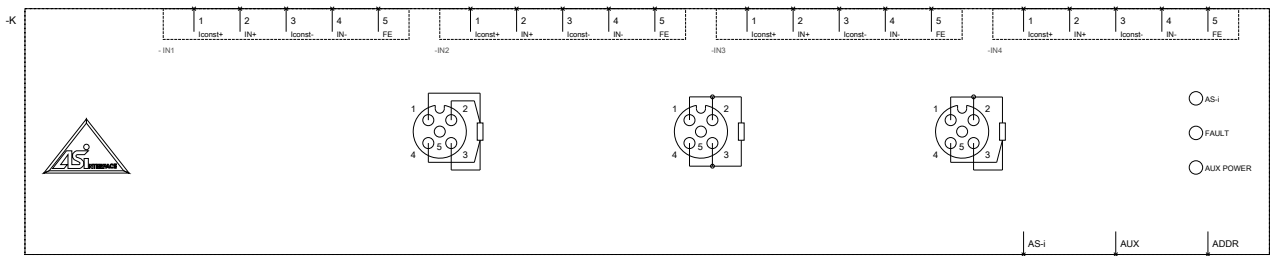
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

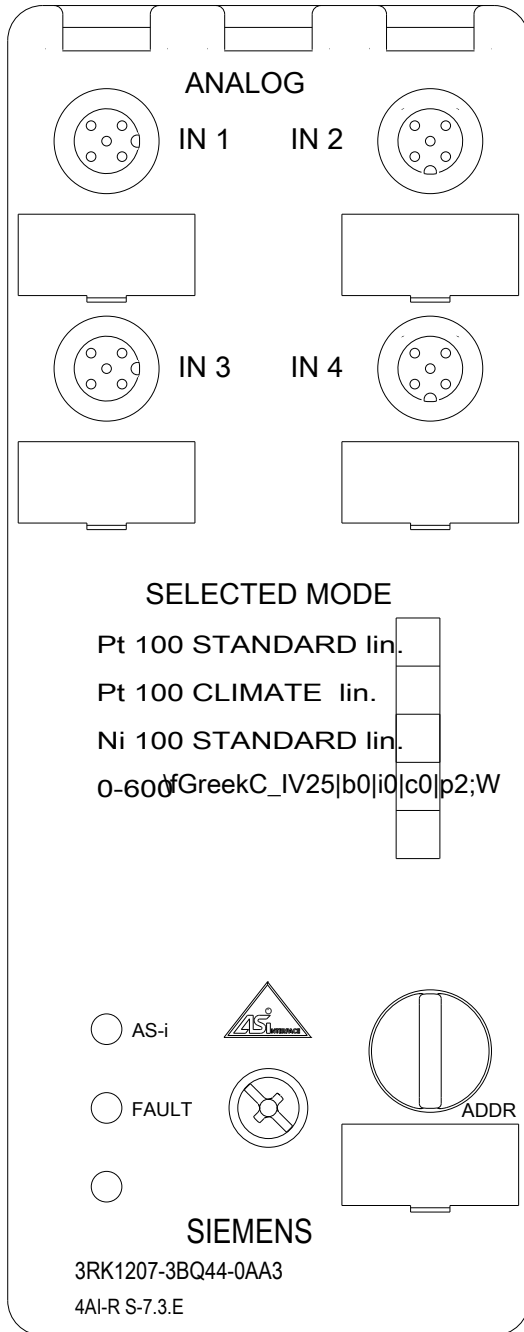
<https://support.industry.siemens.com/cs/ww/en/ps/3RK1207-3BQ44-0AA3>

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







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