

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   |

|   |     |   |
|---|-----|---|
| <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</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           | °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



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

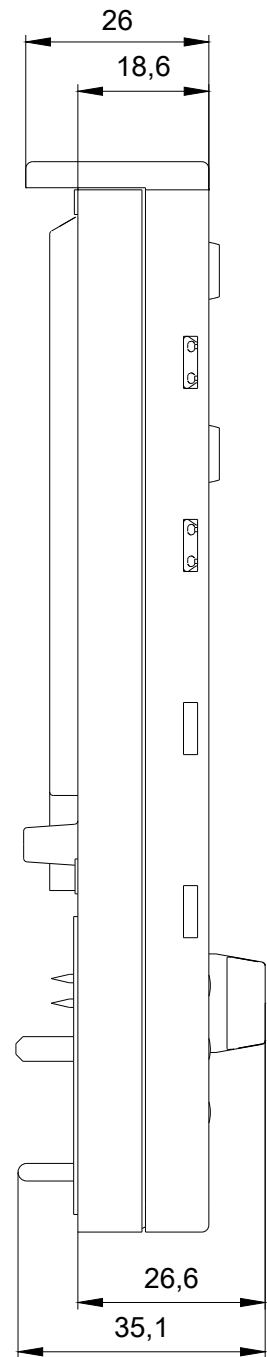
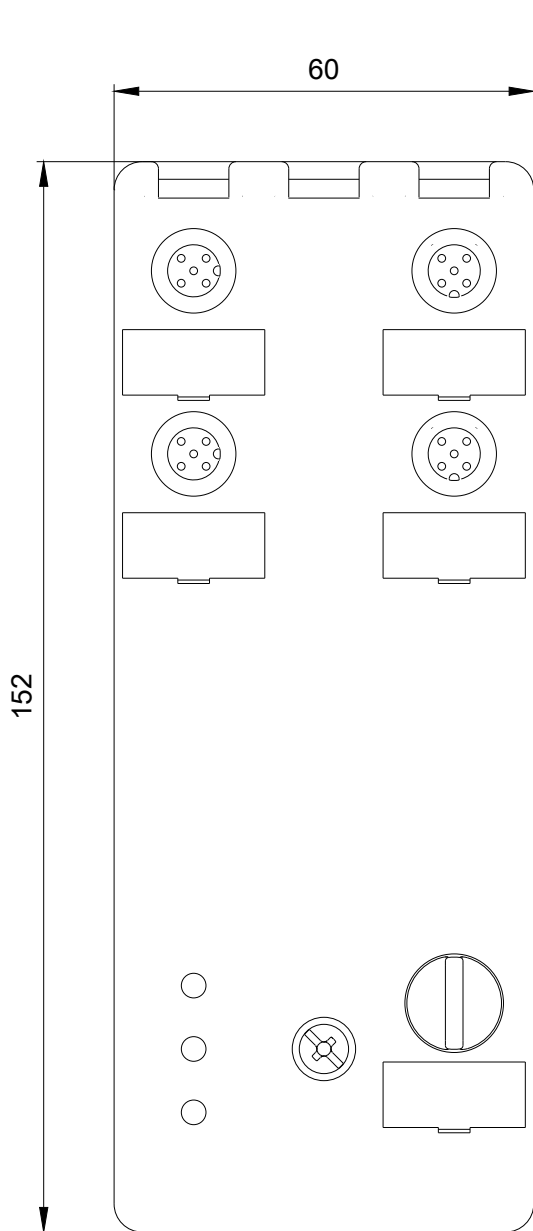
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK1207-3BQ44-0AA3>

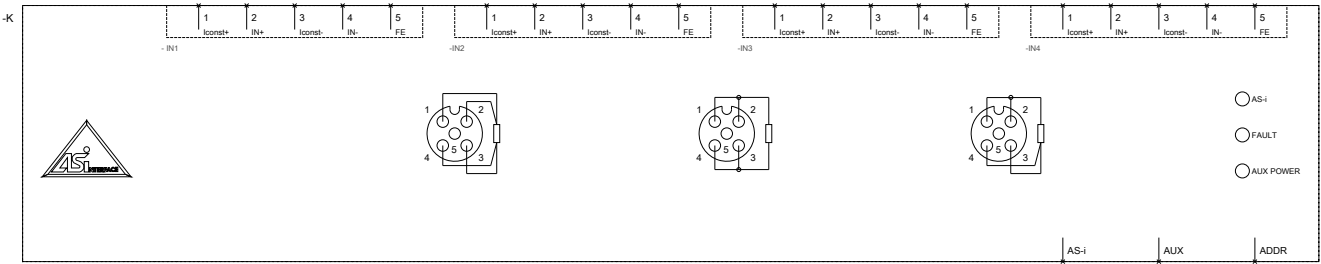
### Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

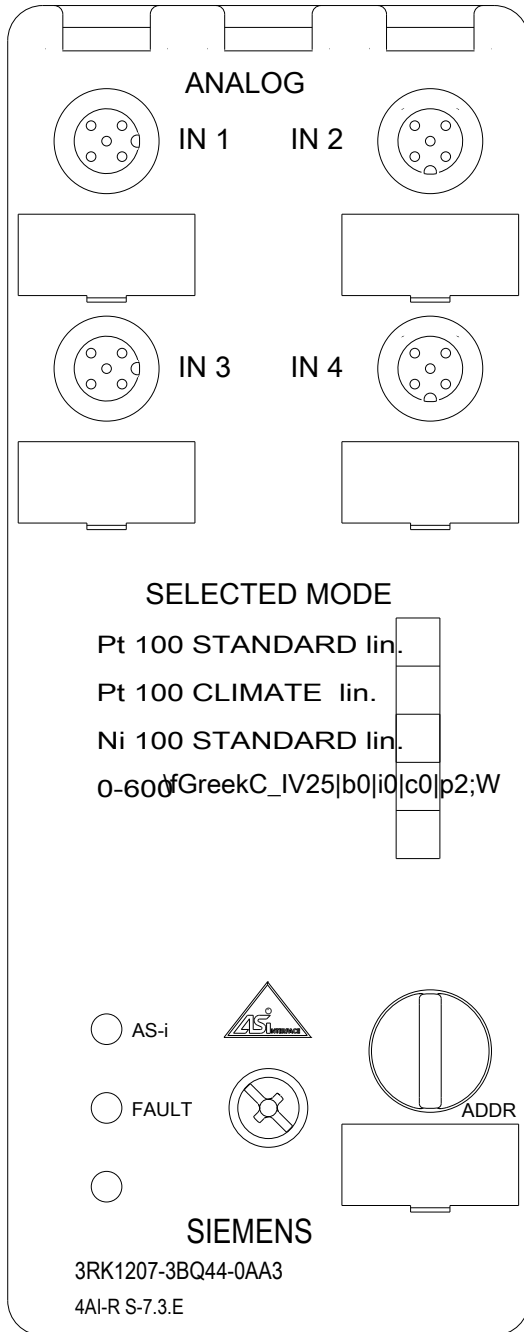
<https://support.industry.siemens.com/cs/ww/en/ps/3RK1207-3BQ44-0AA3>

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







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