



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 3RK1901-0CA00 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                                                                         |     | 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](#)



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

[KC](#)



[Confirmation](#)

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#### 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

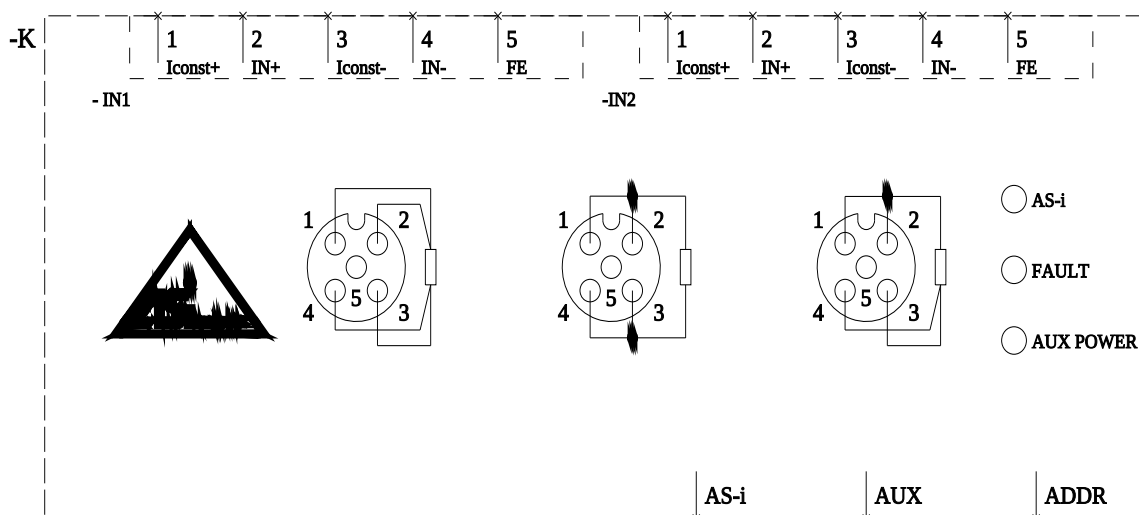
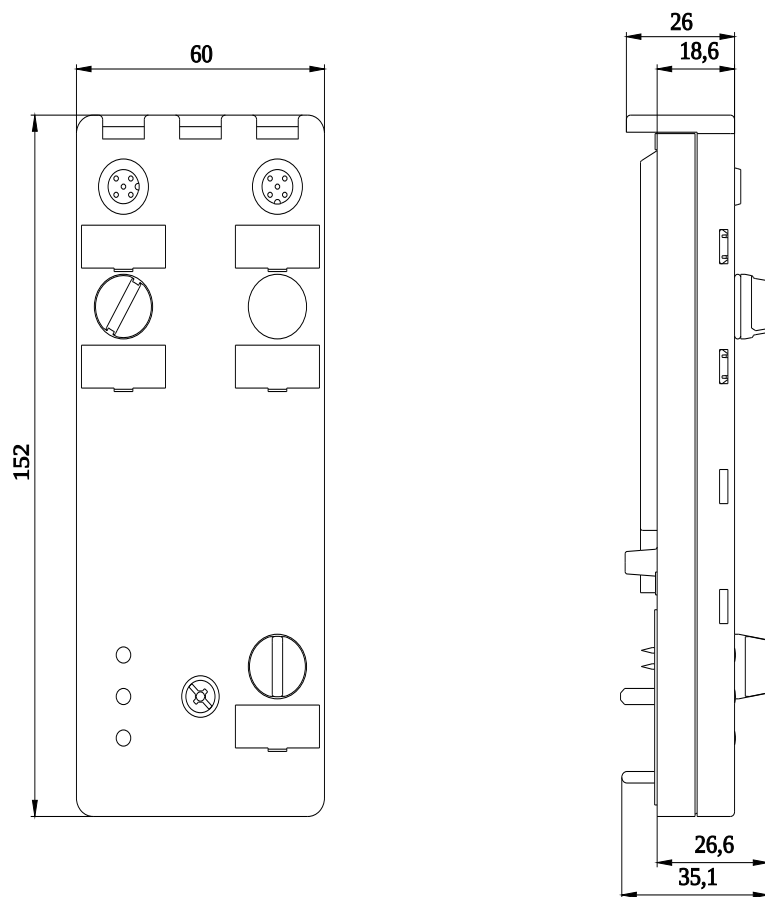
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK1207-3BQ40-0AA3>

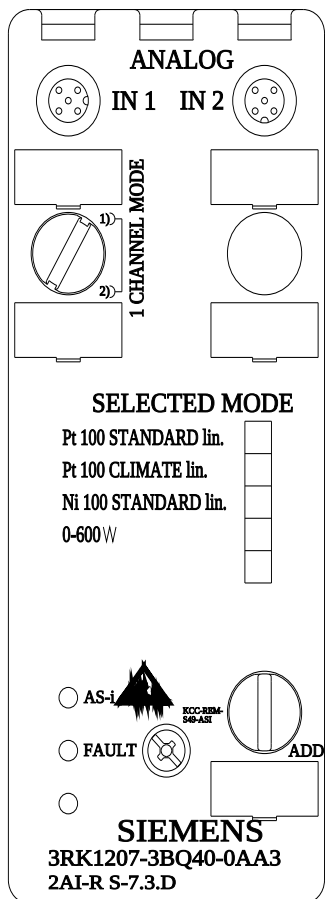
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<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)





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