



AS-i flat module, digital 4 DI/4 DQ, IP20 4 x inputs for 3-wire sensor
4 x output, 24 V DC Output supply via U_ASI Screw terminals

| General technical data | | |
|--|----|--|
| design of the product | | flat module |
| design of the slave type | | standard slave |
| protocol is supported AS-Interface protocol | | Yes |
| Type | | 4 inputs / 4 outputs |
| I/O configuration | | 7 |
| ID/ID2 code | | F/F |
| AS interface total current input max | mA | 270 |
| operating voltage according to AS-Interface specification | V | 26.5 ... 31.6 |
| Total current for all inputs and outputs | mA | 200 |
| Addressing | | using integrated addressing socket |
| type of electrical connection of the inputs and outputs | | screw-type terminals |
| reference code according to DIN 40719 extended according to IEC 204-2 according to IEC 750 | | A |
| reference code according to EN 61346-2 | | K |
| Sensor supply | | |
| type of voltage supply for power supply | | using AS-Interface |
| input voltage | V | 20 ... 30 |
| property of the sensor supply short-circuit and overload resistant | | Yes |
| Inputs | | |
| number of digital inputs | | 4 |
| type of connection technology | | 2- and 3-wire technology |
| Input circuit | | PNP transistor |
| type of voltage of the input voltages | | DC |
| Inputs switching level High min | V | 10 |
| input current at digital input | | |
| • for signal <1> minimum | mA | 5 |
| • with signal <0> maximum | mA | 1.5 |
| Inputs sensor supply using AS-Interface | | short-circuit and overload resistant |
| Outputs | | |
| number of digital outputs | | 4 |
| type of voltage of output voltages | | DC |
| type of switching output | | solid state |
| property of the output short-circuit proof | | Yes |
| Outputs | | |
| • short-circuit protection | | built-in |
| • induction protection | | built-in |
| • external power supply 24 V DC | | not required (supply of all inputs and outputs using AS-Interface cable) |
| • watchdog | | built-in |

| | | |
|--|--|--------------------|
| Status display display of AS-Interface/diagnostics | | green/red dual LED |
| Assignment of data bits | | |
| • D0 | | IN1/OUT1 |
| • D1 | | IN2/OUT2 |
| • D2 | | IN3/OUT3 |
| • D3 | | IN4/OUT4 |

| | | |
|----------------------------|----|-------------|
| Ambient conditions | | |
| ambient temperature | | |
| • during operation | °C | -25 ... +85 |
| • during storage | °C | -40 ... +85 |
| protection class IP | | IP20 |

| | | |
|-------------------------|----|----------------------------------|
| Mechanical data | | |
| width | mm | 18.5 |
| height | mm | 81.5 |
| depth | mm | 79.8 |
| fastening method | | integrated lugs for screw fixing |

| | | |
|---------------------------------|------------|----------------------------------|
| Certificates/ approvals | | |
| General Product Approval | EMC | Declaration of Conformity |

[Confirmation](#)



| | | |
|--------------------------|--------------------------|--------------|
| Test Certificates | Marine / Shipping | other |
|--------------------------|--------------------------|--------------|

[Special Test Certificate](#)



| |
|--------------|
| other |
|--------------|

[Confirmation](#)

[Miscellaneous](#)

Further information

Siemens has decided to exit the Russian market (see here).
<https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business>

Siemens is working on the renewal of the current EAC certificates.
 Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

Information on the packaging
<https://support.industry.siemens.com/cs/ww/en/view/109813875>

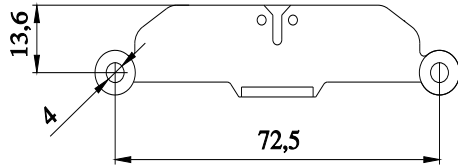
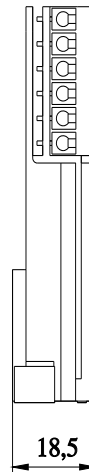
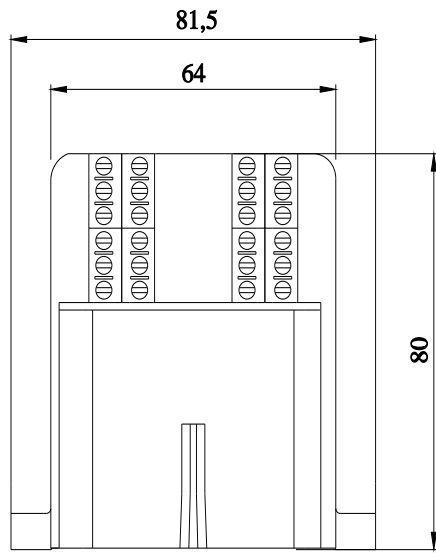
Information- and Downloadcenter (Catalogs, Brochures,...)
<https://www.siemens.com/ic10>

Industry Mall (Online ordering system)
<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RK1400-0CE00-0AA3>

Cax online generator
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK1400-0CE00-0AA3>

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
<https://support.industry.siemens.com/cs/ww/en/ps/3RK1400-0CE00-0AA3>

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RK1400-0CE00-0AA3&lang=en



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