SIEMENS

## Data sheet 3RK2200-0CG00-2AA2



AS-i SlimLine Compact module SC17.5 digital, A/B slave 4 DI, IP20 4 x input for 2-wire sensor spring-type terminals Overall width 17.5 mm

| | |
|---|---|
| **product designation** | Slimline Compact I/O module for use in the control cabinet |
| **design of the product** | AS-i SC17.5, 4DI A/B, 2-wire |
| **product type designation** | 3RK2 |
| **design of the slave type** | A/B slave |
| **AS-Interface slave profile** | S-0.A.0 |
| **ID1 code** | 7; Factory setting, changeable |
| **operating voltage according to AS-Interface specification** | 18 ... 31.6 V |
| **product function suitable for AS-i Power24V** | Yes |
| **consumed current from profile conductors of the AS-Interface** | |
| ● at 30 V maximum | 270 mA |
| ● at 24 V with AS-i Power24V maximum | 270 mA |
| **type of address setting of AS-i slaves** | via front addressing socket |
| **Substance Prohibitance (Date)** | 05/01/2012 |
| **SVHC substance name** | Lead - 7439-92-1<br>Lead monoxide (lead oxide) - 1317-36-8<br>6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol - 119-47-1<br>Diboron trioxide - 1303-86-2 |
| **Weight** | 0.12 kg |
| **reference code** | |
| ● according to EN 61346-2 | K |
| ● according to DIN 40719 extended according to IEC 204-2 according to IEC 750 | A |
| **shock resistance** | 15g / 11 ms (modules) or 10g / 11 ms (modules with device connector) |
| **Digital Inputs** | |
| **number of digital inputs** | 4 |
| **number of digital inputs safety-related** | 0 |
| **type of input characteristic** | PNP Type 2 |
| **type of connection technology** | 2-wire technology |
| **Sensor supply** | |
| **type of voltage supply for sensor supply** | using AS-Interface |
| **ampacity of the sensor supply for all inputs at ambient temperature 40 °C** | 200 mA |
| **property of the sensor supply short-circuit and overload resistant** | Yes |
| **voltage drop at the sensor supply** | |
| ● from AS-interface | 8.5 V |
| **Digital Outputs** | |
| **number of digital outputs** | 0 |
| **Analog inputs** | |
| **number of analog inputs** | 0 |
| **Analog outputs** | |


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| | |
|---|---|
| **number of analog outputs** | 0 |
| **Device connector** | |
| **ampacity of the interface to the device connector** | |
| ● for AS-Interface | 2 A |
| **Installation/ mounting/ dimensions** | |
| **fastening method** | screw and snap-on mounting |
| **height** | 100 mm |
| **width** | 17.5 mm |
| **depth** | 120 mm |
| **Ambient conditions** | |
| **ambient temperature** | |
| ● during operation | -25 ... +70 °C |
| ● during storage | -40 ... +85 °C |
| **Connections/ Terminals** | |
| type of electrical connection of the inputs and outputs | spring-loaded terminal (push-in) |
| **type of connectable conductor cross-sections** | |
| ● solid | 1x (0.5 ... 1.5 mm²), 2x (0.5 ... 1.5 mm²) |
| ● finely stranded with core end processing | 1x (0,25 ... 1,0 mm²), 2x (0,25 ... 1,0 mm²) |
| ● finely stranded without core end processing | 1x (0.5 ... 1.5 mm²), 2x (0.5 ... 1.5 mm²) |
| ● for AWG cables solid | 1x (20 ... 16), 2x (20 ... 16) |
| ● for AWG cables stranded | 1x (20 ... 16), 2x (20 ... 16) |

**Approvals Certificates**

| General Product Approval | EMV | Test Certificates |
|---|---|---|
| | | Type Test Certificates/Test Report |

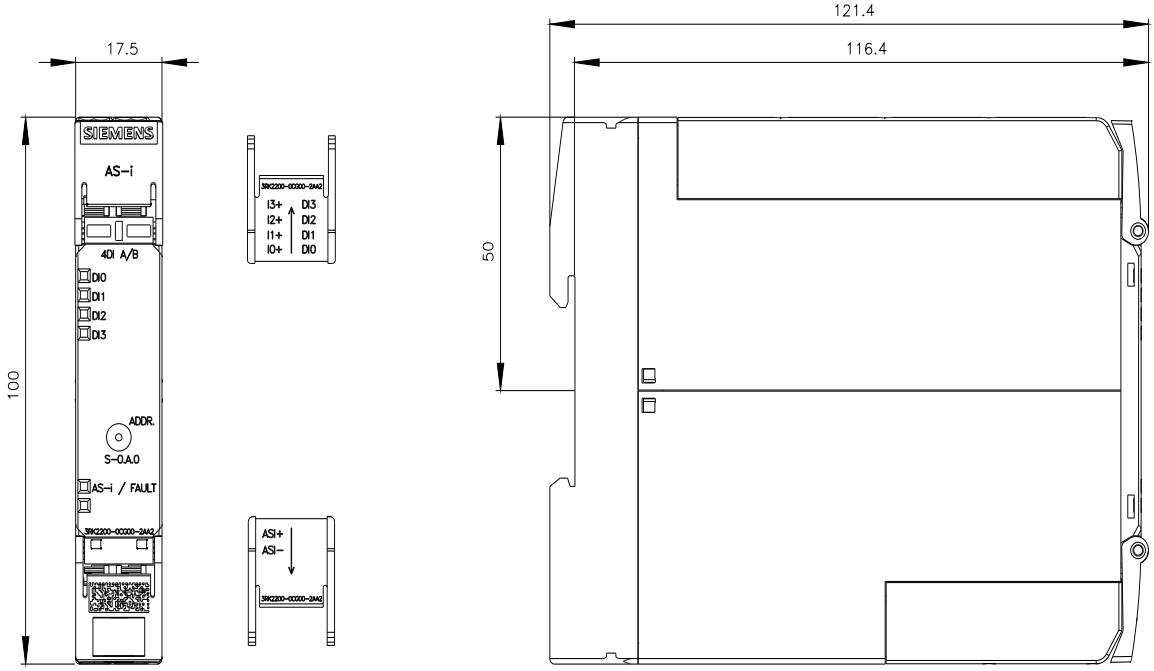
| Maritime application | other |
|---|---|
| | Confirmation |

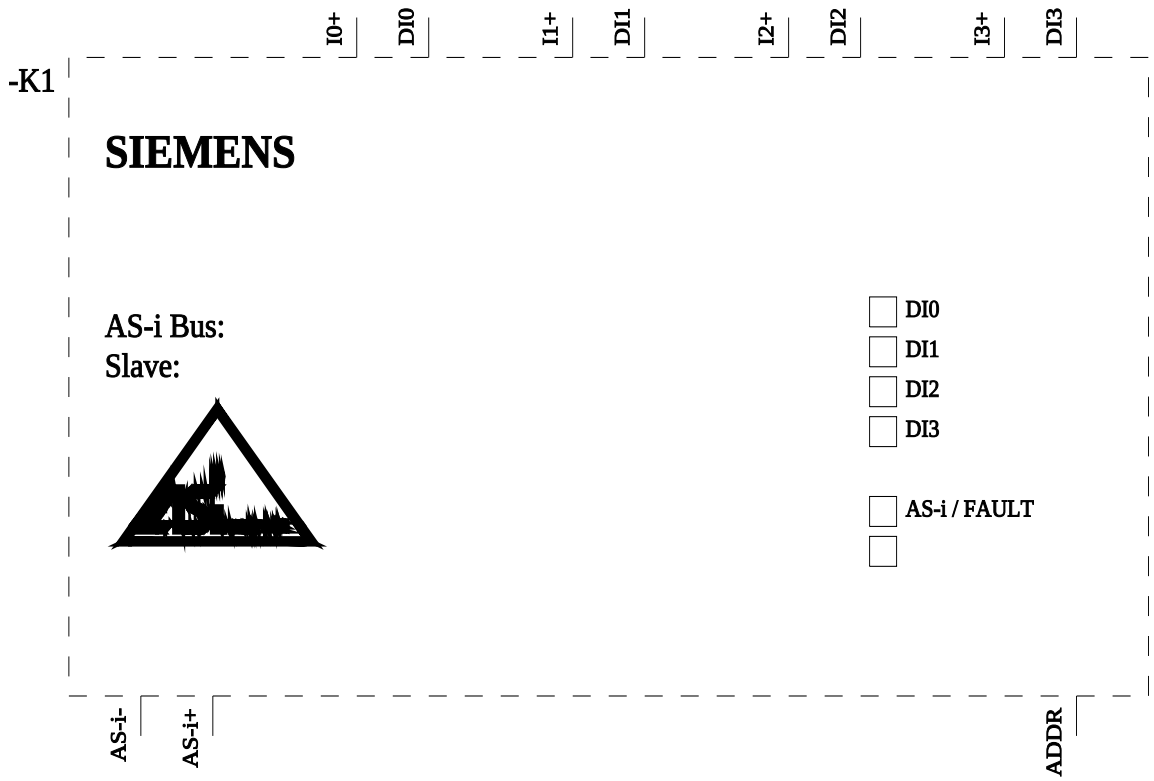
| other | Environment | Industrial Communication |
|---|---|---|
| Miscellaneous | Environmental Confirmations | |

**Further information**

**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).
**Siemens has decided to exit the Russian market (see here).**
https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business
**Information on the packaging**
https://support.industry.siemens.com/cs/ww/en/view/109813875
**Information for data generation and storage**
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**Information- and Downloadcenter (Catalogs, Brochures,…)**
https://www.siemens.com/ic10
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https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RK2200-0CG00-2AA2
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https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK2200-0CG00-2AA2
**Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**
https://support.industry.siemens.com/cs/ww/en/ps/3RK2200-0CG00-2AA2
**Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)**
https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RK2200-0CG00-2AA2&lang=en


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