



AS-Interface counter module S22.5, 1 DI, counter, IP20 1x 1 counter input, 90 mA, PNP Screw terminal connection Overall width 22.5 mm

| General technical data                                                                     |    |                                                                                                                                                                                       |
|--------------------------------------------------------------------------------------------|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| design of the product                                                                      |    | counter modules - modules with special functions                                                                                                                                      |
| product function                                                                           |    |                                                                                                                                                                                       |
| • ground fault detection                                                                   |    | No                                                                                                                                                                                    |
| • counter                                                                                  |    | Yes                                                                                                                                                                                   |
| • overvoltage detection                                                                    |    | No                                                                                                                                                                                    |
| protocol is supported AS-Interface protocol                                                |    | No                                                                                                                                                                                    |
| Slave type                                                                                 |    | standard slave                                                                                                                                                                        |
| I/O configuration                                                                          |    | 0                                                                                                                                                                                     |
| ID code                                                                                    |    | F                                                                                                                                                                                     |
| type of electrical connection of the inputs and outputs                                    |    | screw-type terminals                                                                                                                                                                  |
| operating voltage according to AS-Interface specification                                  | V  | 26.5 ... 31.6                                                                                                                                                                         |
| AS interface total current input max                                                       | mA | 170                                                                                                                                                                                   |
| 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                                                                                                                                                                                     |
| Inputs                                                                                     |    |                                                                                                                                                                                       |
| Inputs sensor supply using AS-Interface                                                    |    | short-circuit and overload resistant                                                                                                                                                  |
| Inputs voltage range                                                                       | V  | 20 ... 30                                                                                                                                                                             |
| Inputs                                                                                     |    |                                                                                                                                                                                       |
| • switching level High min                                                                 | V  | 10                                                                                                                                                                                    |
| • switching level Low max                                                                  | V  | 5                                                                                                                                                                                     |
| input current at digital input                                                             |    |                                                                                                                                                                                       |
| • for signal <1> minimum                                                                   | mA | 10                                                                                                                                                                                    |
| • with signal <0> maximum                                                                  | mA | 2                                                                                                                                                                                     |
| ampacity of the sensor supply for all inputs at ambient temperature 40 °C                  | mA | 90                                                                                                                                                                                    |
| Assignment pins                                                                            |    | terminal 7 = + , terminal 9 = - , terminal 8 = IN1                                                                                                                                    |
| Status display AS-Interface                                                                |    | Green LED on + Red LED off = Status OK Green LED off + Red LED on = No data traffic Green LED flashes + Red LED on = Zero address Green LED off + Red LED flashes = Overload (sensor) |
| Ambient conditions                                                                         |    |                                                                                                                                                                                       |
| ambient temperature                                                                        |    |                                                                                                                                                                                       |
| • during operation                                                                         | °C | -25 ... +70                                                                                                                                                                           |
| • during storage                                                                           | °C | -40 ... +85                                                                                                                                                                           |
| protection class IP                                                                        |    | IP20                                                                                                                                                                                  |
| Mechanical data                                                                            |    |                                                                                                                                                                                       |
| width                                                                                      | mm | 22.5                                                                                                                                                                                  |
| height                                                                                     | mm | 102                                                                                                                                                                                   |
| depth                                                                                      | mm | 86                                                                                                                                                                                    |
| fastening method                                                                           |    | standard rail mounting/wall mounting                                                                                                                                                  |

## Certificates/ approvals

### General Product Approval

EMV

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EMV

Marine / Shipping

other

Environment

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### Industrial Communication



## 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=3RK1200-0CE03-0AA2>

Cax online generator

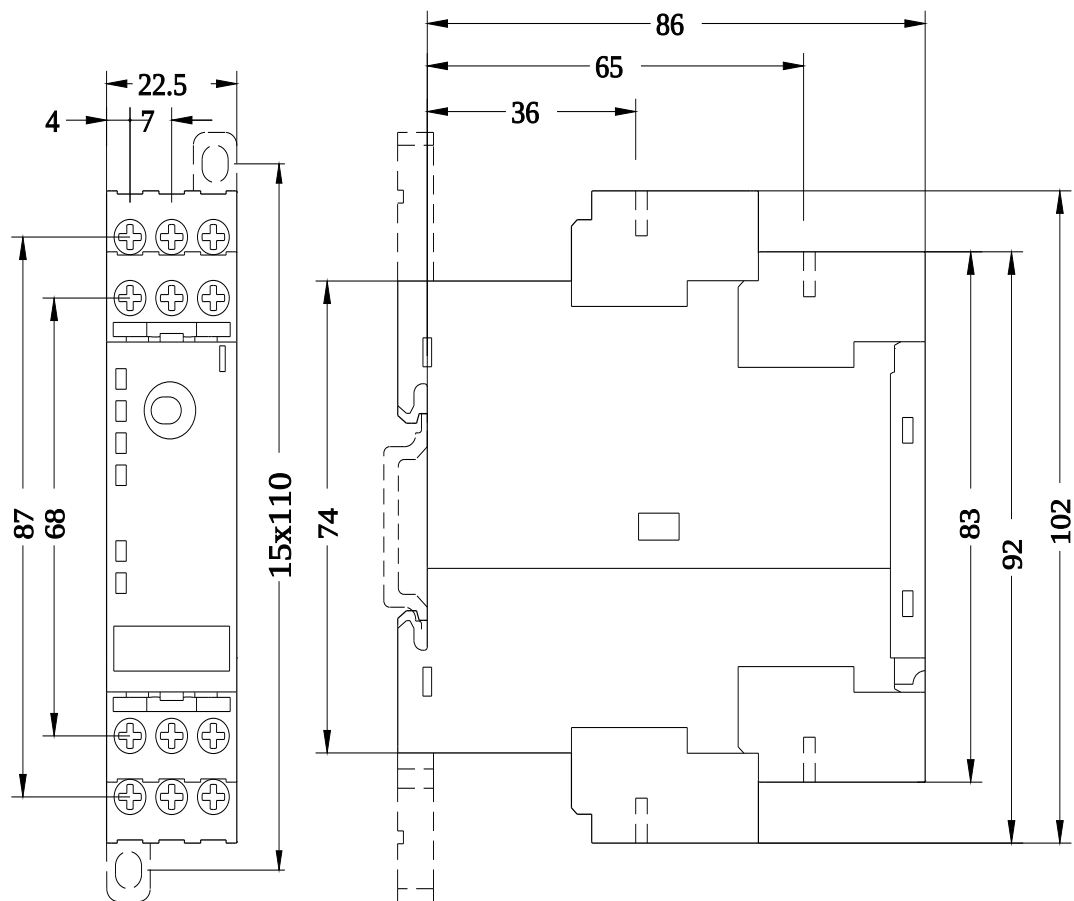
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK1200-0CE03-0AA2>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3RK1200-0CE03-0AA2>

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3RK1200-0CE03-0AA2&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RK1200-0CE03-0AA2&lang=en)



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