



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

General technical data		
<b>design of the product</b>		counter modules - modules with special functions
<b>product function</b>		
• ground fault detection		No
• counter		Yes
• overvoltage detection		No
<b>protocol is supported AS-Interface protocol</b>		No
<b>Slave type</b>		standard slave
<b>I/O configuration</b>		0
<b>ID code</b>		F
<b>type of electrical connection of the inputs and outputs</b>		spring-loaded terminals
operating voltage according to AS-Interface specification	V	26.5 ... 31.6
<b>AS interface total current input max</b>	mA	170
<b>reference code according to DIN 40719 extended according to IEC 204-2 according to IEC 750</b>		A
<b>reference code according to EN 61346-2</b>		K
Inputs		
<b>Inputs sensor supply using AS-Interface</b>		short-circuit and overload resistant
Inputs voltage range	V	20 ... 30
<b>Inputs</b>		
• 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
<b>ampacity of the sensor supply for all inputs at ambient temperature 40 °C</b>	mA	90
<b>Assignment pins</b>		terminal 7 = + , terminal 9 = - , terminal 8 = IN2
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		
<b>ambient temperature</b>		
• during operation	°C	-25 ... +70
• during storage	°C	-40 ... +85
<b>protection class IP</b>		IP20
Mechanical data		
<b>width</b>	mm	22.5
<b>height</b>	mm	103
<b>depth</b>	mm	86
<b>fastening method</b>		standard rail mounting/wall mounting

<b>Conductor cross-section</b>	
<ul style="list-style-type: none"> <li>• solid</li> <li>• finely stranded <ul style="list-style-type: none"> <li>— with end sleeve</li> <li>— without end sleeve</li> </ul> </li> <li>• AWG solid or stranded</li> </ul>	<p>2 x (0.25 - 1.5) mm<sup>2</sup></p> <p>2 x (0,25 - 1) mm<sup>2</sup></p> <p>2 x (0.25 - 1.5) mm<sup>2</sup></p> <p>AWG 2 x (24 - 16) mm<sup>2</sup></p>

**Certificates/ approvals**

<b>General Product Approval</b>	<b>EMC</b>	<b>Declaration of Conformity</b>
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[Confirmation](#)



<b>Marine / Shipping</b>	<b>other</b>
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[Confirmation](#)

<b>other</b>
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[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=3RK1200-0CG03-0AA2>

**Cax online generator**

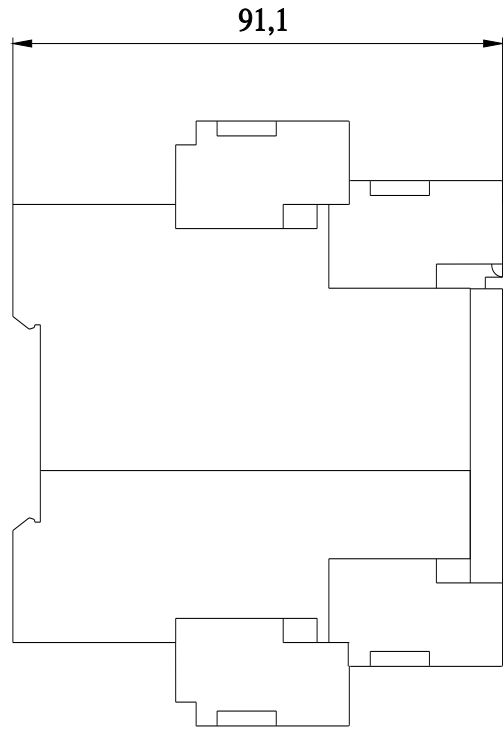
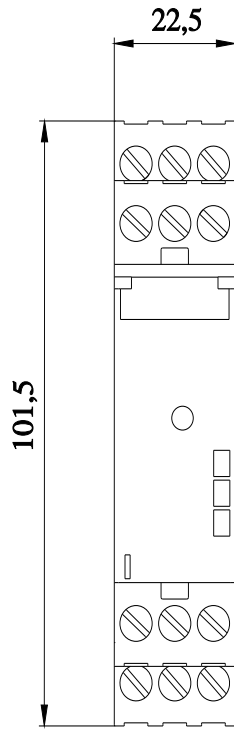
<http://support.automation.siemens.com/WWW/CAXorder/default.aspx?lang=en&mlfb=3RK1200-0CG03-0AA2>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3RK1200-0CG03-0AA2>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3RK1200-0CG03-0AA2&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RK1200-0CG03-0AA2&lang=en)



last modified:

9/5/2023 