

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		
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		spring-loaded terminals
operating voltage according to AS-Interface spezifikation	V	26.5 ... 31.6
AS interface total current input max	mA	170
Reference code acc. to DIN 40719 extended according to IEC 204-2 acc. to IEC 750		A
Reference code acc. to DIN 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 = 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

Ambient temperature		
• during operation	°C	-25 ... +70
• during storage	°C	-40 ... +85
Protection class IP		IP20

Mechanical data

Width	mm	22.5
Height	mm	103
Depth	mm	86
Mounting type		standard rail mounting/wall mounting
Conductor cross-section		
• solid		2 x (0.25 - 1.5) mm ²
• finely stranded		
— with end sleeve		2 x (0,25 - 1) mm ²
— without end sleeve		2 x (0.25 - 1.5) mm ²
• AWG solid or stranded		AWG 2 x (24 - 16) mm ²

Certificates/ approvals

General Product Approval	EMC	Declaration of Conformity
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[Miscellaneous](#)

Shipping Approval



other



[Confirmation](#)

[Miscellaneous](#)

Further information

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

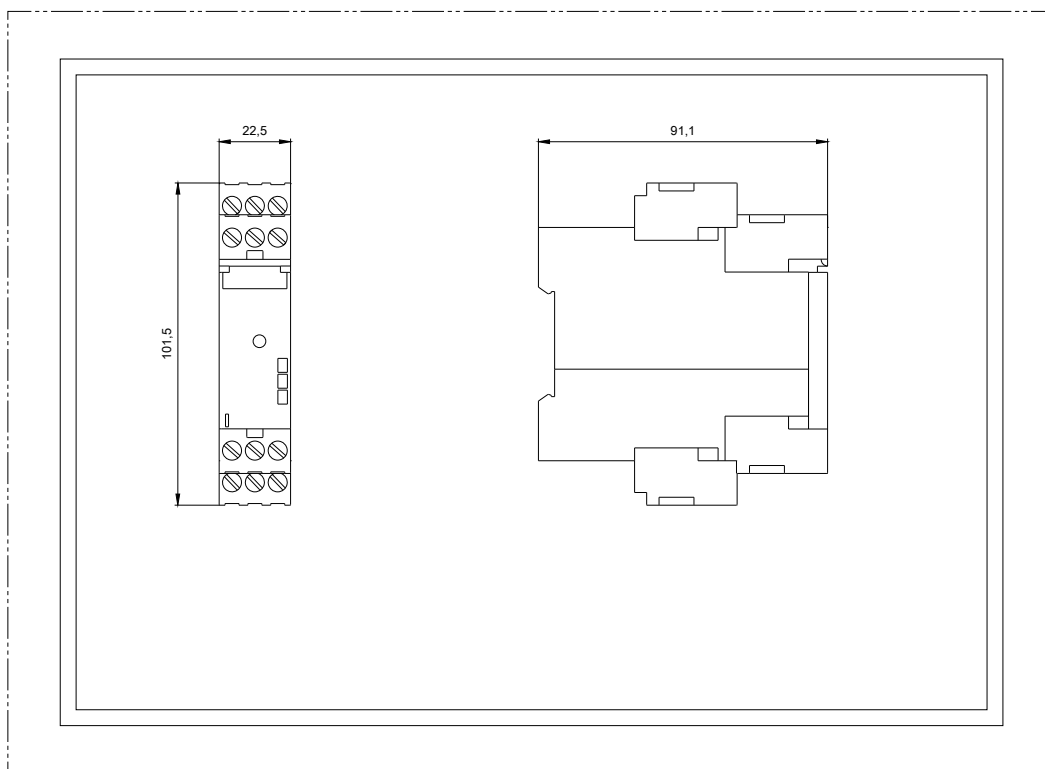
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK1200-0CG03-0AA2>

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



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