



AS-INTERFACE COUNTER MODULE S22.5, DIGITAL, 1I,COUNTER,IP20 1 X 1 COUNTER INPUT, 90MA, PNP CAGE-CLAMP, MODULE WIDTH 22.5 MM

General technical data:

Design of the product		counter modules - modules with special functions
Product function		
<ul style="list-style-type: none"> • Ground fault detection • counter • Overvoltage detection 		No Yes 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 specification	V	26.5 ... 31.6
AS interface total current input max	mA	170
Equipment marking acc. to DIN 40719 extended according to IEC 204-2 acc. to IEC 750		A
Equipment marking 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		
<ul style="list-style-type: none"> • switching level High min • switching level Low max 	V V	10 5
Input current at digital input		

<ul style="list-style-type: none"> • for signal <1> minimum 	mA	10
<ul style="list-style-type: none"> • 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		
<ul style="list-style-type: none"> • during operation 	°C	-25 ... +70
<ul style="list-style-type: none"> • 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		
<ul style="list-style-type: none"> • solid 		2 x (0.25 - 1.5) mm ²
<ul style="list-style-type: none"> • finely stranded 		
— with end sleeve		2 x (0,25 - 1) mm ²
— without end sleeve		2 x (0.25 - 1.5) mm ²
<ul style="list-style-type: none"> • AWG solid or stranded 		AWG 2 x (24 - 16) mm ²

Certificates/ approvals:

AS-Interface certificate		yes
Approvals		UL, CSA, shipbuilding

General Product Approval



CSA



GOST



UL



ABS



BUREAU
VERITAS

Shipping Approval



LRS



PRS



RINA



RMRS

other

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Further information

Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/industrial-controls/catalogs>

Industry Mall (Online ordering system)

<http://www.siemens.com/industrymall>

Cax online generator

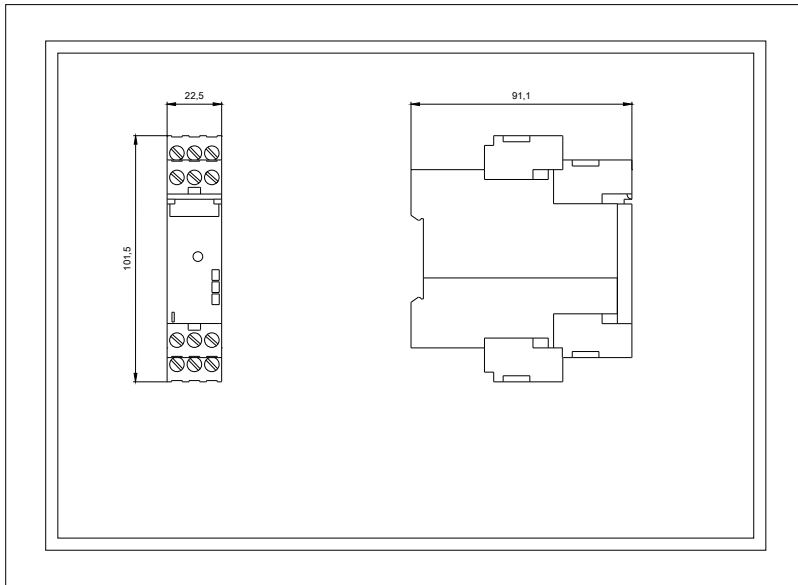
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK12000CG030AA2>

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

<http://support.automation.siemens.com/WW/view/en/3RK12000CG030AA2/all>

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

<http://www.automation.siemens.com/bilddb/index.aspx?attID9=3RK12000CG030AA2&lang=en>



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