



AS-INTERFACE COUNTER MODULE S22.5, DIGITAL, 1I,COUNTER,IP20 1 X 1 COUNTER INPUT, 90MA, PNP SCREW-TYPE TERMINAL CONNECT. MODULE WIDTH 22.5 MM

General technical data:

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

<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	102
<b>Depth</b>	mm	86
<b>Mounting type</b>		standard rail mounting/wall mounting

**Certificates/ approvals:**

<b>AS-Interface certificate</b>		yes
<b>Approvals</b>		UL, CSA, shipbuilding

<b>General Product Approval</b>	<b>Shipping Approval</b>
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<b>Shipping Approval</b>	<b>other</b>
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[Confirmation](#)

[Declaration of Conformity](#)

<b>other</b>
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[Environmental Confirmations](#)

[other](#)

**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**

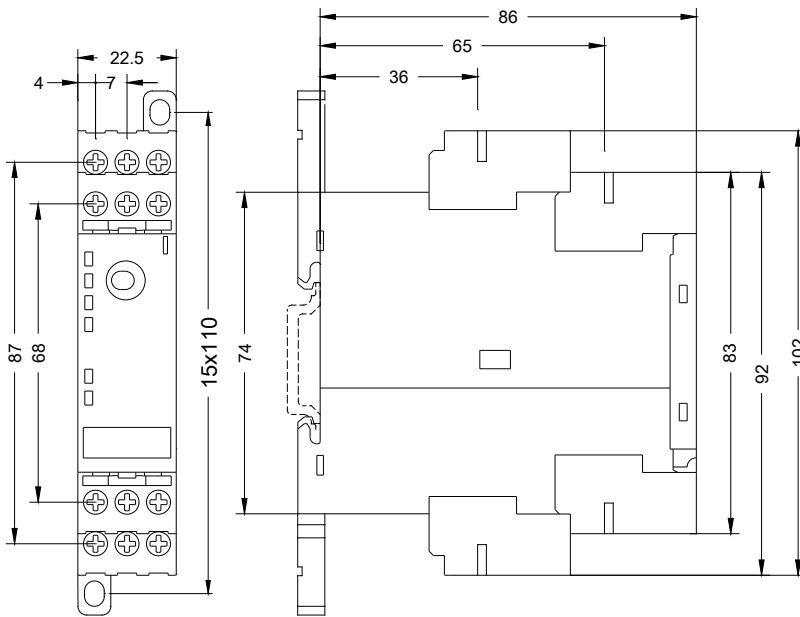
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mfb=3RK12000CE030AA2>

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

<http://support.automation.siemens.com/WW/view/en/3RK12000CE030AA2/all>

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

<http://www.automation.siemens.com/bilddb/index.aspx?attID9=3RK12000CE030AA2&lang=en>



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