

AS-INTERFACE CONTROL CABINET MODULE  
SLIMLINE S22.5 A/B SLAVE IP 20 4DI <=270MA  
SCREW TERMINAL

General technical data:

<b>Design of the product</b>		SlimLine S22.5 - I/O modules for operation in the control cabinet, IP20
<b>Design of the slave type</b>		A/B slave
<b>Type</b>		4 inputs
<b>I/O configuration</b>		0
<b>ID/ID2 code</b>		A/0
<b>Protocol is supported AS-interface protocol</b>		Yes
<b>AS interface total current input max</b>	mA	270
operating voltage according to AS-Interface specification	V	26.5 ... 31.6
<b>Addressing</b>		front addressing socket
<b>Type of electrical connection of the inputs and outputs</b>		screw-type terminals
<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
<b>note</b>		An external additional supply (AUX POWER) of 20 to 30 V DC is required for the supply of the output circuits. The additional supply must comply with VDE 0106 (PELV), protection class III.

Sensor supply:

<b>Type of voltage supply for power supply</b>		using AS-Interface
<b>Input voltage</b>	V	20 ... 30
<b>Property of the sensor supply Short-circuit and overload resistant</b>		Yes

Ampacity of the sensor supply for all inputs <ul style="list-style-type: none"> <li>at ambient temperature 40 °C</li> </ul>	mA	200
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#### Inputs:

<b>Number of digital inputs</b>		4
<b>Type of connection</b>		2- and 3-wire technology
<b>Input circuit</b>		PNP transistor
<b>Type of voltage of the input voltages</b>		DC
<b>Inputs switching level High min</b>	V	10
<b>Input current at digital input</b> <ul style="list-style-type: none"> <li>for signal &lt;1&gt; minimum</li> <li>with signal &lt;0&gt; maximum</li> </ul>	mA mA	5 1.5
<b>Inputs sensor supply using AS-Interface</b>		short-circuit and overload resistant

#### Outputs:

<b>Number of digital outputs</b>		0
<b>Output voltage for DC at 24 V</b>	V	22 ... 24
<b>Status display</b> <ul style="list-style-type: none"> <li>display of I/Os</li> <li>AS-Interface</li> <li>FAULT</li> </ul>		yellow LED green LED red LED
<b>Assignment of data bits</b> <ul style="list-style-type: none"> <li>D0</li> <li>D1</li> <li>D2</li> <li>D3</li> </ul>		IN1 IN2 IN3 IN4

#### Ambient conditions:

<b>Ambient temperature</b> <ul style="list-style-type: none"> <li>during operation</li> <li>during storage</li> </ul>	°C °C	-25 ... +70 -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>		35 mm standard rail mounting or wall mounting using push-in lugs
<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> </ul> </li> <li>AWG solid or stranded</li> </ul>		1 x (0.5 - 4) mm <sup>2</sup> or 2 x (0.5 - 2.5) mm <sup>2</sup>  1 x (0.5 - 2.5) mm <sup>2</sup> or 2 x (0.5 - 1.5) mm <sup>2</sup> AWG 2 x (20 - 14) mm <sup>2</sup>

Certificates/ approvals:

AS-Interface certificate	yes (or requested for in case of new units)
Approvals	UL, CSA, shipbuilding (or requested for in case of new units)

General Product Approval	Shipping Approval
 CSA  GOST  UL	 EAC  ABS  BUREAU VERITAS

Shipping Approval	other
 DNV  LRS  PRS  RMRS	<a href="#">Declaration of Conformity</a> <a href="#">Environmental Confirmations</a>

**other**

[Confirmation](#)      [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**

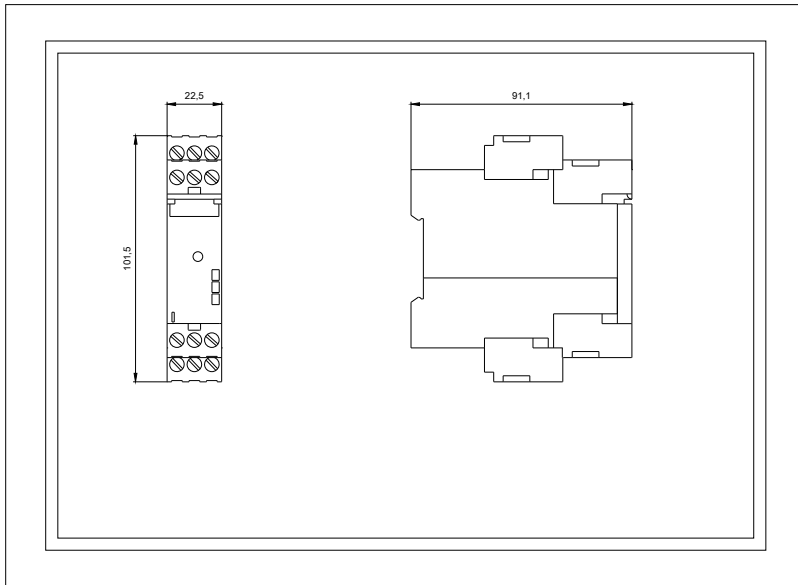
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK22000CE020AA2>

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

<http://support.automation.siemens.com/WW/view/en/3RK22000CE020AA2/all>

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

<http://www.automation.siemens.com/bilddb/index.aspx?attID9=3RK22000CE020AA2&lang=en>



last modified:

09.03.2015