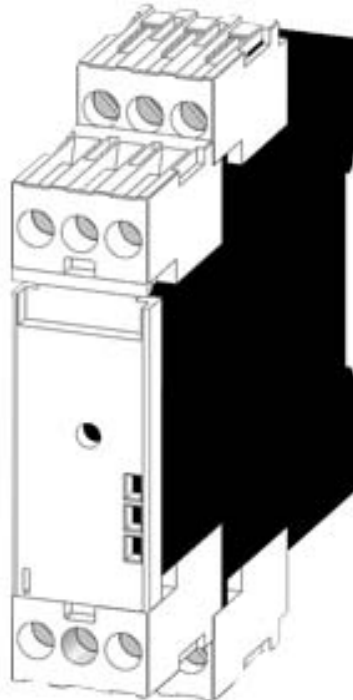


AS-INTERFACE CONTROL CABINET MODULE  
SLIMLINE S22.5 A/B SLAVE IP 20 4DI ≤270MA  
SCREW TERMINAL



General technical data:

Design of the product		SlimLine S22.5 - I/O modules for operation in the control cabinet, IP20
Design of the slave type		A/B slave
Type		4 inputs
I/O configuration		0
ID/ID2 code		A/0
Protocol is supported AS-interface protocol		Yes
AS interface total current input max	mA	270
operating voltage according to AS-Interface specification	V	26.5 ... 31.6
Addressing		front addressing socket
Type of electrical connection of the inputs and outputs		screw-type terminals
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

<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

#### 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
Input current at digital input <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
Output voltage at DC at 24 V	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

Depth	mm	86
Mounting type		35 mm standard rail mounting or wall mounting using push-in lugs
Conductor cross-section		<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>

**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	Declaration of Conformity	Test Certificates	Shipping Approval
--------------------------	---------------------------	-------------------	-------------------



[Typprüfbescheinigung/Werkszeugnis](#)



Shipping Approval	other
-------------------	-------



other
-------

[Umweltbestätigung](#)    [Bestätigungen](#)    [sonstig](#)

**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**

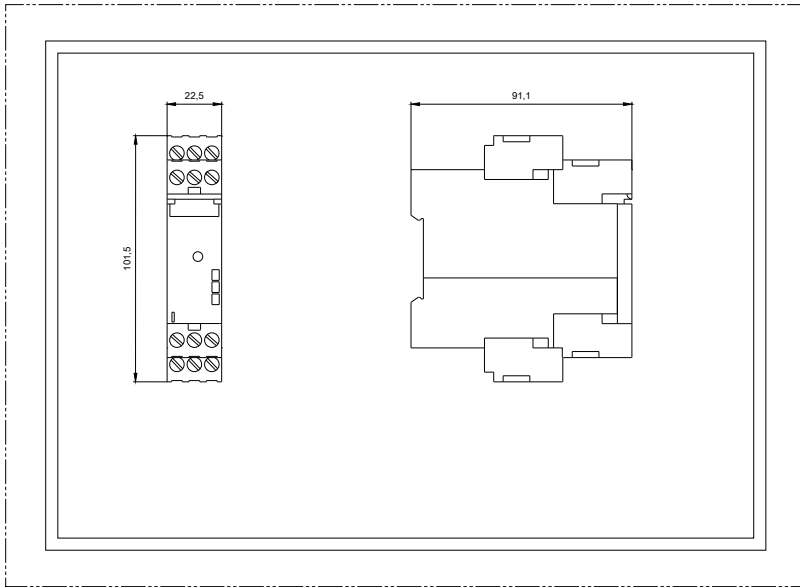
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mfb=3RK2200-0CE02-0AA2>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3RK2200-0CE02-0AA2>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mfb=3RK2200-0CE02-0AA2&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mfb=3RK2200-0CE02-0AA2&lang=en)



last modified:

07/09/2016