



AS-INTERFACE MODULE SLIMLINE S22.5, DIGITAL, 4A, IP20, 4 X 1 OUTP.,ELECTR., 1A, DC 24V SCREW-TYPE TERMINAL CONNECT. MODULE WIDTH 22.5 MM

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>		standard slave
<b>Type</b>		4 outputs
<b>I/O configuration</b>		8
<b>ID/ID2 code</b>		0/F
<b>Protocol is supported AS-interface protocol</b>		Yes
<b>AS interface total current input max</b>	mA	40
<b>operating voltage according to AS-Interface specification</b>	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.

Inputs:

<b>Number of digital inputs</b>		0
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Outputs:

<b>Number of digital outputs</b>		4
<b>Type of voltage of output voltages</b>		DC

Output voltage for DC at 24 V	V	22 ... 24
<b>Outputs external power supply 24 V DC</b>		using terminals: Terminal 7= L+, Terminal 10 = M
<b>Outputs</b>		
• aggregate current max	A	2
<b>Ampacity</b>		
• of the semiconductor output at DC-13 at 24 V	A	1
<b>Type of switching output</b>		solid state (PNP)
<b>Property of the output Short-circuit proof</b>		Yes
<b>output Polarity reversal protection</b>		built-in
<b>Outputs</b>		
• short-circuit protection		built-in
• induction protection		built-in
• watchdog		built-in
<b>Status display</b>		
• display of I/Os		yellow LED
• AS-Interface		green LED
• FAULT		red LED
<b>Assignment of data bits</b>		
• D0		OUT1
• D1		OUT2
• D2		OUT3
• D3		OUT4

#### 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>		35 mm standard rail mounting or wall mounting using push-in lugs
<b>Conductor cross-section</b>		
• solid		1 x (0.5 - 4) mm <sup>2</sup> or 2 x (0.5 - 2.5) mm <sup>2</sup>
• finely stranded		
— with end sleeve		1 x (0.5 - 2.5) mm <sup>2</sup> or 2 x (0.5 - 1.5) mm <sup>2</sup>
• AWG solid or stranded		AWG 2 x (20 - 14) mm <sup>2</sup>

#### Certificates/ approvals:

<b>AS-Interface certificate</b>		yes (or requested for in case of new units)
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## Approvals

UL, CSA, shipbuilding (or requested for in case of new units)

### General Product Approval

### Shipping Approval



CSA



GOST



UL



ABS



BUREAU  
VERITAS

### Shipping Approval

### other



DNV



LRS



PRS



RINA



RMRS

[Confirmation](#)

### other

[Declaration of  
Conformity](#)

[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

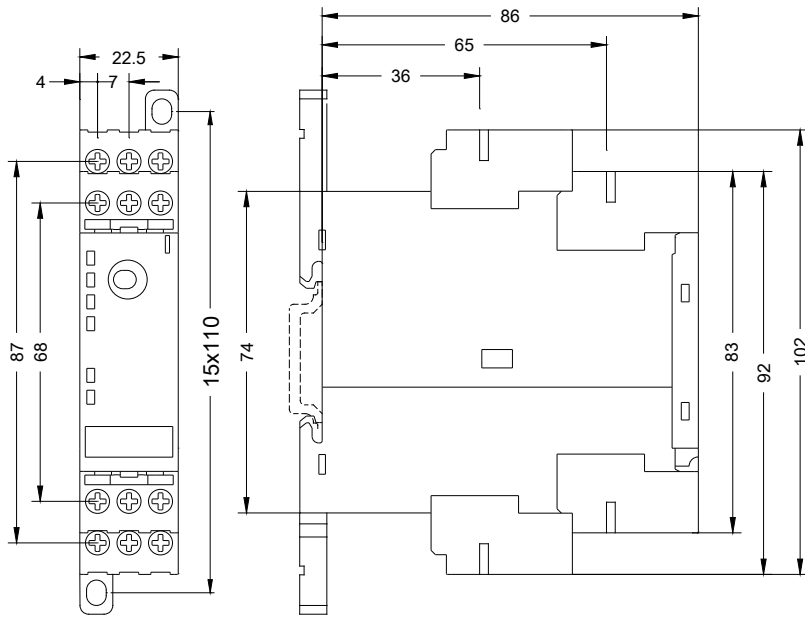
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK11001CE000AA2>

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

<http://support.automation.siemens.com/WW/view/en/3RK11001CE000AA2/all>

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

<http://www.automation.siemens.com/bilddb/index.aspx?attID9=3RK11001CE000AA2&lang=en>



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