



AS-INTERFACE MODULE SLIMLINE S22.5, DIGITAL, 4I, 2-WIRE, IP20 4 X 1 INPUT, PNP, SCREW-TYPE TERMINAL CONNECT. MODULE WIDTH 22.5 MM

Figure similar

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 inputs
<b>I/O configuration</b>		0
<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	50
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

Inputs:		
Number of digital inputs		4
Type of connection		2-wire technology
Input circuit		PNP transistor
Type of voltage of the input voltages		DC
Inputs switching level High min	V	10
Input current at digital input		
• for signal <1> minimum	mA	5
• with signal <0> maximum	mA	1.5
Inputs sensor supply using AS-Interface		short-circuit and overload resistant

Outputs:		
Number of digital outputs		0
Output voltage for DC at 24 V	V	22 ... 24
Status display		
• display of I/Os		yellow LED
• AS-Interface		green LED
• FAULT		red LED
Assignment of data bits		
• D0		IN1
• D1		IN2
• D2		IN3
• D3		IN4

Ambient conditions:		
Ambient temperature		
• during operation	°C	-25 ... +70
• during storage	°C	-40 ... +85
Protection class IP		IP20

Mechanical data:		
Width	mm	22.5
Height	mm	102
Depth	mm	86
Mounting type		35 mm standard rail mounting or wall mounting using push-in lugs
Conductor cross-section		
• 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:		
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



ABS



BUREAU  
VERITAS

### Shipping Approval

### other



LRS



PRS



RINA



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### 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

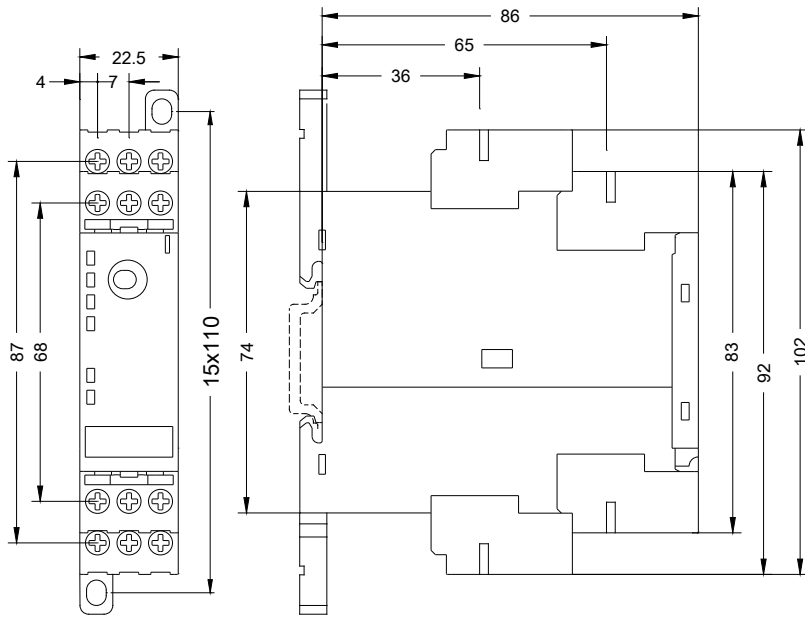
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK12000CE000AA2>

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

<http://support.automation.siemens.com/WW/view/en/3RK12000CE000AA2/all>

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

<http://www.automation.siemens.com/bilddb/index.aspx?attID9=3RK12000CE000AA2&lang=en>



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