



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

**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 / will be supported / AS interface protocol</b>	Yes	
<b>AS interface / total current input / max</b>	mA	50
<b>operating voltage</b>	V	26.5 ... 31.6
• according to AS-Interface specification		
<b>Addressing</b>	front addressing socket	
<b>Design of the electrical connection / of the inputs and outputs</b>	screw-type terminals	
<b>Item designation</b>		
• according to DIN 40719 extendable after IEC 204-2 / according to IEC 750	A	
• according 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.	

<b>Sensor supply:</b>		
<b>Type of voltage supply / for the sensor supply</b>		using AS-Interface
<b>Input voltage</b>	V	20 ... 30
<b>Characteristic feature of the sensor supply / short-circuit and overload resistant</b>		Yes
<b>Inputs:</b>		
<b>Number of digital inputs</b>		4
<b>type of the connection technology</b>		2-wire technology
<b>Input circuit</b>		PNP transistor
<b>Type of voltage / of the input voltage</b>		DC
<b>Inputs / switching level High / min</b>	V	10
<b>Input current / at the digital input</b>		
• for signal <1> / minimum	mA	5
• at signal <0> / maximum	mA	1.5
<b>Inputs / sensor supply using AS-Interface</b>		short-circuit and overload resistant
<b>Outputs:</b>		
<b>Number of digital outputs</b>		0
<b>Output voltage / at 24 V</b>		
• for DC	V	22 ... 24
<b>Status display</b>		
• display of I/Os		yellow LED
• AS-Interface		green LED
• FAULT		red LED
<b>Assignment of data bits</b>		
• D0		IN1
• D1		IN2
• D2		IN3
• D3		IN4
<b>Ambient conditions:</b>		
<b>Ambient temperature</b>		
• during operating	°C	-25 ... +70
• during storage	°C	-40 ... +85
<b>Protection class IP</b>		IP20
<b>Mechanical design:</b>		
<b>Width</b>	mm	22.5
<b>Height</b>	mm	102

<b>Depth</b>	mm	86
<b>Type of mounting</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		1 x (0.5 - 2.5) mm <sup>2</sup> or 2 x (0.5 - 1.5) mm <sup>2</sup>
• with end sleeve		
• 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)
<b>Approvals</b>	UL, CSA, shipbuilding (or requested for in case of new units)

#### General Product Approval



CSA



GOST



UL

#### Shipping Approval



ABS



BUREAU  
VERITAS



LRS



PRC



RINA



RMRS

#### other

[Confirmation](#)

[Declaration of  
Conformity](#)

[other](#)

[Environmental  
Confirmations](#)

#### Further information:

##### Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/industrial-controls/catalogs>

##### Industry Mall (Online ordering system)

<http://www.siemens.com/industrial-controls/mall>

##### CAx-Online-Generator

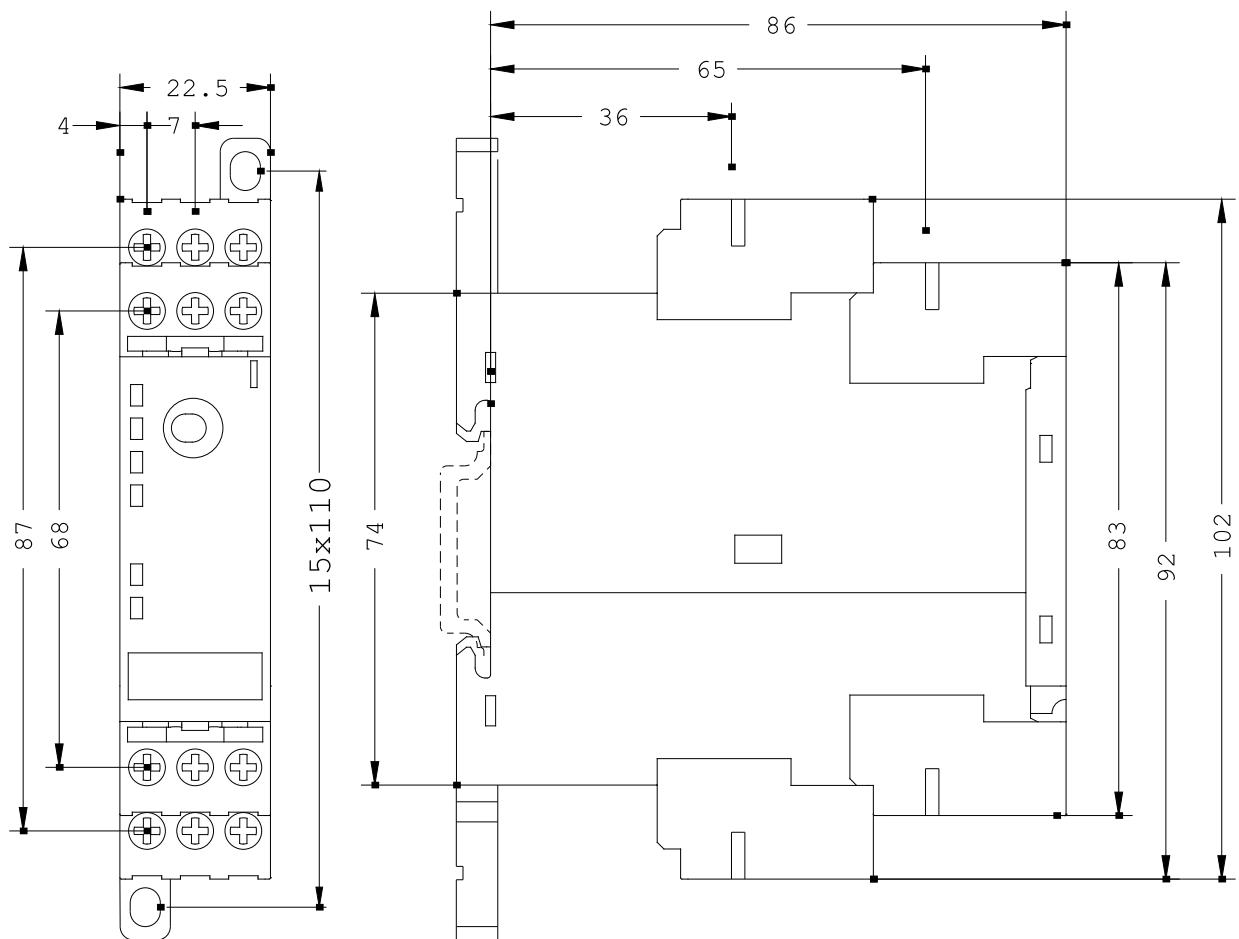
<http://www.siemens.com/cax>

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

<http://support.automation.siemens.com/WW/view/en/3RK1200-0CE00-0AA2/all>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3RK1200-0CE00-0AA2](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3RK1200-0CE00-0AA2)



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