



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:		
Design of the product		SlimLine S22.5 - I/O modules for operation in the control cabinet, IP20
Design of the slave type		standard slave
Type		4 outputs
I/O configuration		8
ID/ID2 code		0/F
Protocol / is supported / AS interface protocol		Yes
AS interface / total current input / max	mA	40
operating voltage		
• according to AS-Interface spezification	V	26.5 ... 31.6
Addressing		front addressing socket
Design of the electrical connection / of the inputs and outputs		screw-type terminals
Reference code		
• according to DIN 40719 extended according to IEC 204-2 / according to IEC 750		A
• according to DIN EN 61346-2		K
note		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:		
Number of digital inputs		0
Outputs:		
Number of digital outputs		4
Voltage type / of output voltages		DC
Output voltage / at 24 V	V	22 ... 24
• for DC		
Outputs / external power supply 24 V DC		using terminals: Terminal 7= L+, Terminal 10 = M
Outputs	A	2
• aggregate current / max		
Current-carrying capacity	A	1
• of the semiconductor output / at DC-13 / at 24 V		
Design of the switching output		solid state (PNP)
Characteristic feature of the output / short-circuit protected		Yes
output / Polarity reversal protection		built-in
Outputs		built-in built-in built-in
• short-circuit protection		
• induction protection		
• watchdog		
Status display		
• display of I/Os		yellow LED
• AS-Interface		green LED
• FAULT		red LED
Assignment of data bits		
• D0		OUT1
• D1		OUT2
• D2		OUT3
• D3		OUT4
Ambient conditions:		
Ambient temperature	°C	-25 ... +70
• during operating		
• during storage	°C	-40 ... +85
Protection class IP		IP20
Mechanical design:		
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 ² or 2 x (0.5 - 2.5) mm ²
• finely stranded • with end sleeve		1 x (0.5 - 2.5) mm ² or 2 x (0.5 - 1.5) mm ²
• AWG / solid or stranded		AWG 2 x (20 - 14) mm ²

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



Shipping Approval 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

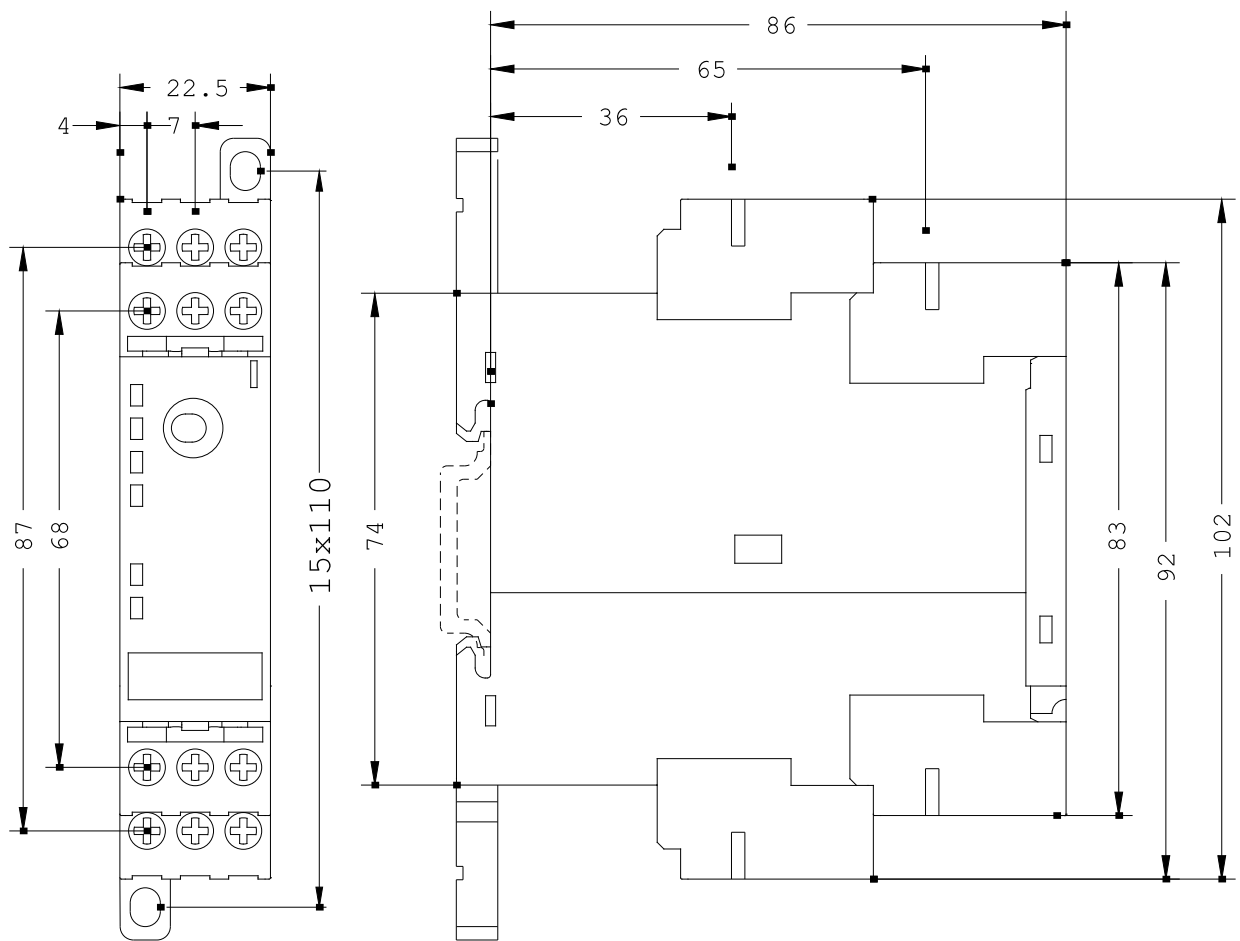
<http://www.siemens.com/cax>

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

<http://support.automation.siemens.com/WW/view/en/3RK1100-1CE00-0AA2/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3RK1100-1CE00-0AA2



last change:

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