



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 specification	V	26.5 ... 31.6
Addressing		front addressing socket
Design of the electrical connection / of the inputs and outputs		spring-loaded terminals
Reference code • according to DIN 40719 extended according to IEC 204-2 / according to IEC 750 • according to DIN EN 61346-2	A 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.

Note 1		detachment tool for spring-loaded terminal connection: See Accessories
Inputs:		
Number of digital inputs		0
Outputs:		
Number of digital outputs		4
Voltage type / of output voltages		DC
Output voltage / at 24 V • for DC	V	22 ... 24
Outputs / external power supply 24 V DC		using terminals: Terminal 7= L+, Terminal 10 = M
Outputs • aggregate current / max	A	2
Current-carrying capacity • of the semiconductor output / at DC-13 / at 24 V	A	1
Design of the switching output		solid state (PNP)
Characteristic feature of the output / short-circuit protected		Yes
output / Polarity reversal protection		built-in
Outputs • short-circuit protection • induction protection • watchdog		built-in built-in built-in
Status display		
• display of I/Os • AS-Interface • FAULT		yellow LED green LED red LED
Assignment of data bits		
• D0 • D1 • D2 • D3		OUT1 OUT2 OUT3 OUT4
Ambient conditions:		
Ambient temperature • during operating • during storage	°C °C	-25 ... +70 -40 ... +85
Protection class IP		IP20
Mechanical design:		

Width	mm	22.5
Height	mm	103
Depth	mm	86
Mounting type		35 mm standard rail mounting or wall mounting using push-in lugs
Conductor cross-section		• solid • finely stranded • with end sleeve • without end sleeve • AWG / solid or stranded

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



other

[Confirmation](#)

[Declaration of
Conformity](#)

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[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

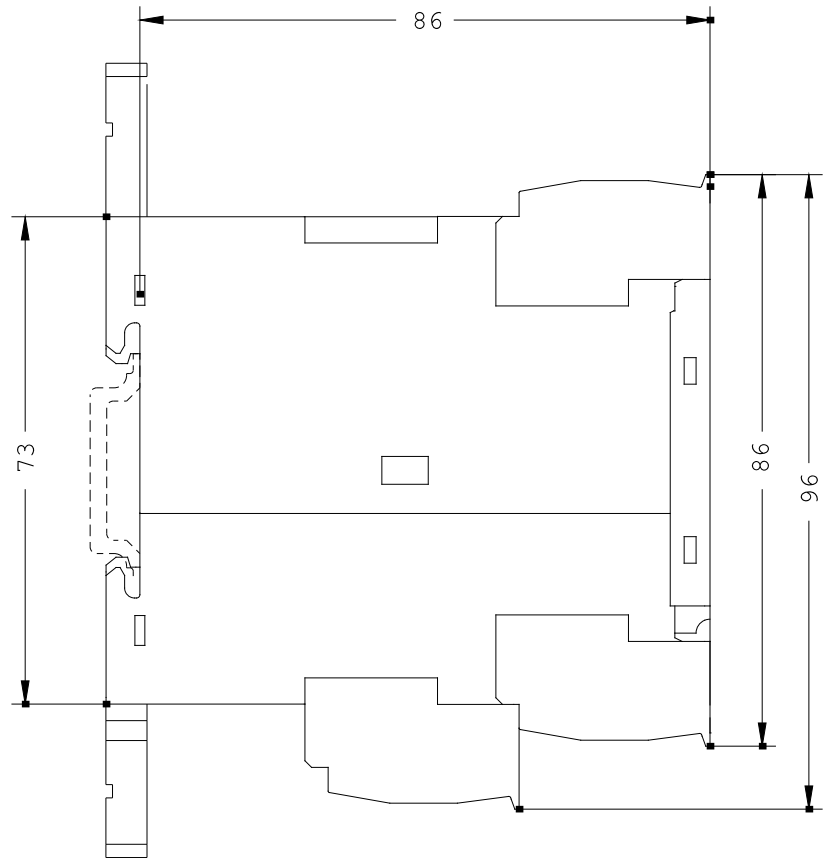
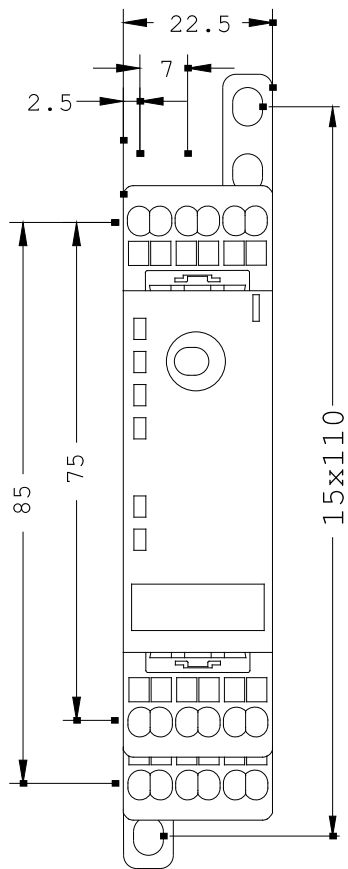
<http://www.siemens.com/cax>

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

<http://support.automation.siemens.com/WW/view/en/3RK1100-1CG00-0AA2/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3RK1100-1CG00-0AA2



last change:

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