



AS-INTERF. MODULE SLIMLINE,IP20 S22.5,
DIGITAL, 4I, 2/3-WIRE 4 X 1 INPUT,
200MA, PNP CAGE-CLAMP,
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 inputs
I/O configuration		0
ID/ID2 code		0/F
Protocol / is supported / AS-interface protocol		Yes
AS interface / total current input / max	mA	270
operating voltage		
<ul style="list-style-type: none"> 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		
<ul style="list-style-type: none"> acc. to DIN 40719 extended according to IEC 204-2 / acc. to IEC 750 		A
<ul style="list-style-type: none"> acc. 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.

Note 1		detachment tool for spring-loaded terminal connection: See Accessories
Sensor supply:		
Type of voltage supply / for power supply		using AS-Interface
Input voltage	V	20 ... 30
Property of the sensor supply / Short-circuit and overload resistant		Yes
Ampacity / of the sensor supply / for all inputs • at ambient temperature 40 °C	mA	200
Inputs:		
Number of digital inputs		4
Type of connection		2- and 3-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 • with signal <0> / maximum	mA mA	5 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 • AS-Interface • FAULT		yellow LED green LED red LED
Assignment of data bits		
• D0 • D1 • D2 • D3		IN1 IN2 IN3 IN4
Ambient conditions:		
Ambient temperature • during operation • 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		2 x (0.25 - 1.5) mm ²
• finely stranded		
• with end sleeve		2 x (0.25 - 1) mm ²
• without end sleeve		2 x (0.25 - 1.5) mm ²
• AWG / solid or stranded		AWG 2 x (24 - 16) 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



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

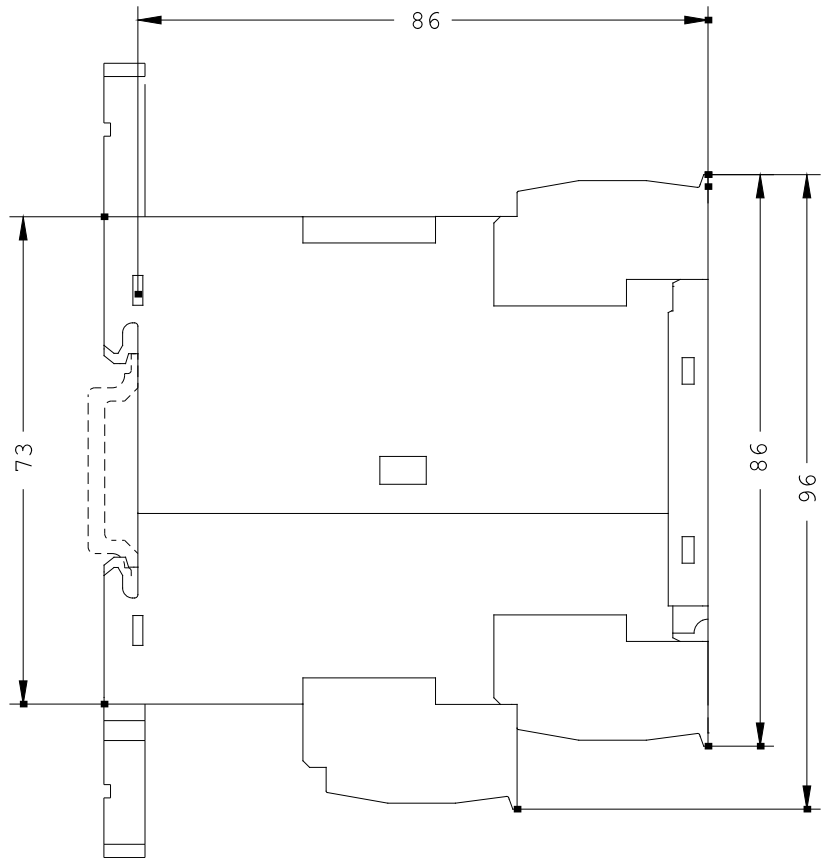
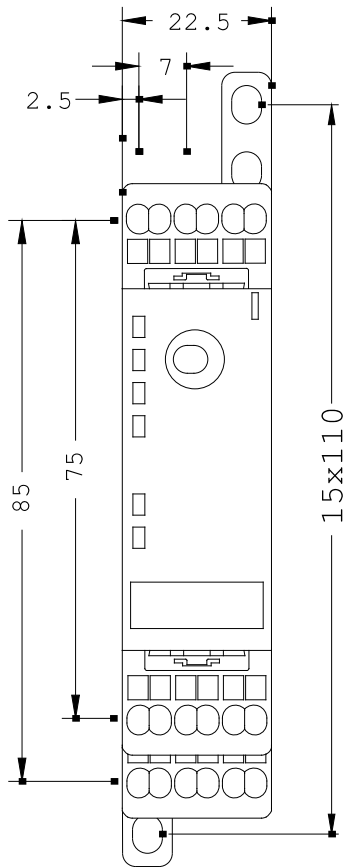
<http://www.siemens.com/cax>

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

<http://support.automation.siemens.com/WWW/view/en/3RK1200-0CG02-0AA2/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3RK1200-0CG02-0AA2



last change:

Dec 19, 2014