



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 • acc. to DIN 40719 extended according to IEC 204-2 / acc. to IEC 750 • acc. 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

Type of voltage / of output voltages

DC

Output voltage / for DC

- at 24 V

V

22 ... 24

Outputs / external power supply 24 V DC

using terminals: Terminal 7= L+, Terminal 10 = M

Outputs

- aggregate current / max

A

2

Ampacity

- of the semiconductor output / at DC-13 / at 24 V

A

1

Type of switching output

solid state (PNP)

Property of the output / Short-circuit proof

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 operation
- during storage

°C

-25 ... +70

°C

-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		
<ul style="list-style-type: none"> • solid • finely stranded <ul style="list-style-type: none"> • with end sleeve • without end sleeve • AWG / solid or stranded 		2 x (0.25 - 1.5) mm ² 2 x (0.25 - 1) mm ² 2 x (0.25 - 1.5) mm ² 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

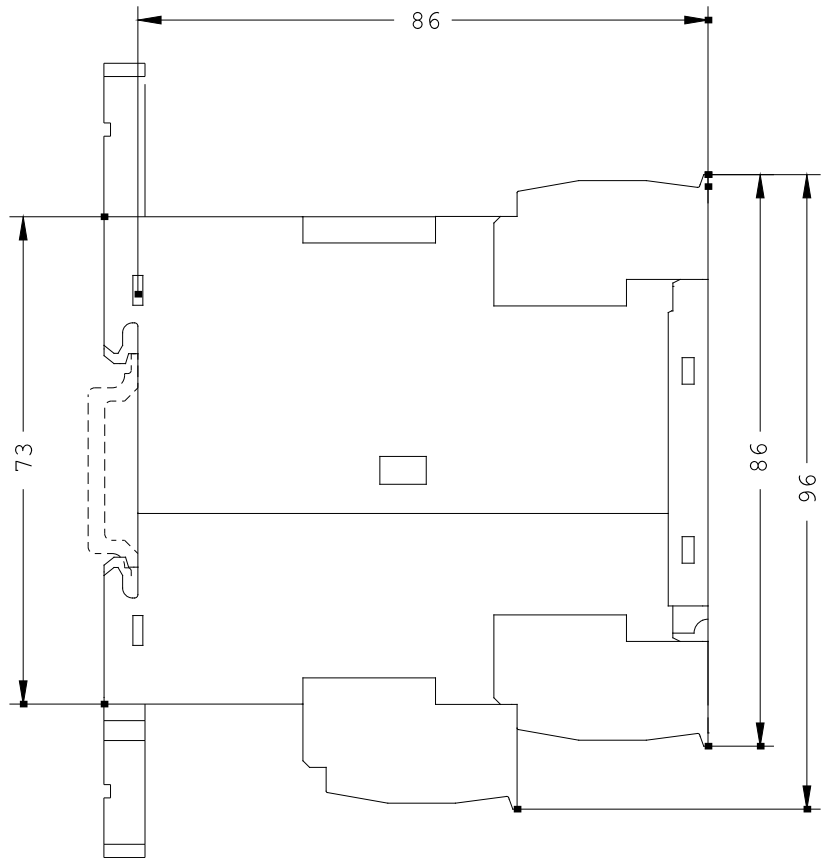
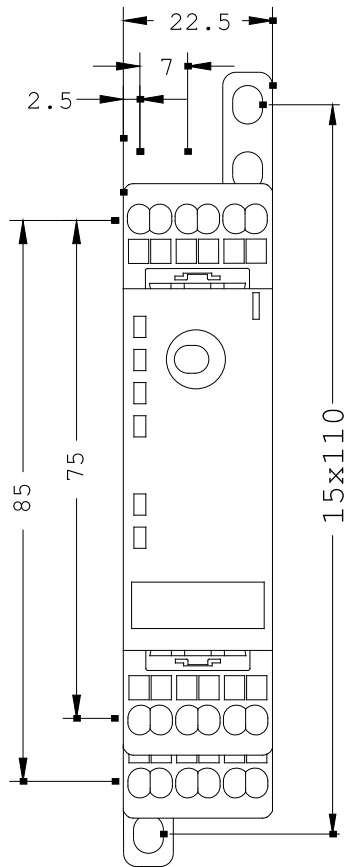
<http://www.siemens.com/cax>

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

<http://support.automation.siemens.com/WWW/view/en/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:

Dec 19, 2014