



AS-INTERFACE MODULE SLIMLINE S22.5,
DIGITAL,
1I,COUNTER,IP20 1 X 1 COUNTER INPUT,
90MA, PNP CAGE-CLAMP,
MODULE WIDTH 22.5 MM

General technical data:		
Design of the product		counter modules - modules with special functions
Product function		
• short-circuit to earth recognition		No
• counter		Yes
• overvoltage recognition		No
Protocol / is supported / AS interface protocol		No
Slave type		standard slave
I/O configuration		0
ID code		F
Design of the electrical connection / of the inputs and outputs		spring-loaded terminals
operating voltage		
• according to AS-Interface spezification	V	26.5 ... 31.6
AS interface / total current input / max	mA	170
Reference code		
• according to DIN 40719 extended according to IEC 204-2 / according to IEC 750		A
• according to DIN EN 61346-2		K
Inputs:		
Inputs / sensor supply using AS-Interface		short-circuit and overload resistant

Inputs		
• voltage range	V	20 ... 30
Inputs		
• switching level High / min	V	10
• switching level Low / max	V	5
Input current / at the digital input		
• for signal <1> / minimum	mA	10
• at signal <0> / maximum	mA	2
Current carrying capacity / of the sensor supply / for all inputs / at ambient temperature 40 °C	mA	90
Assignment / pins		terminal 7 = + , terminal 9 = - , terminal 8 = IN2

Status display		
• AS-Interface		Green LED on + Red LED off = Status OK Green LED off + Red LED on = No data traffic Green LED flashes + Red LED on = Zero address Green LED off + Red LED flashes = Overload (sensor)

Ambient conditions:		
Ambient temperature		
• during operating	°C	-25 ... +70
• during storage	°C	-40 ... +85
Protection class IP		IP20

Mechanical design:		
Width	mm	22.5
Height	mm	103
Depth	mm	86
Mounting type		standard rail mounting/wall mounting
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
Approvals		UL, CSA, shipbuilding

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

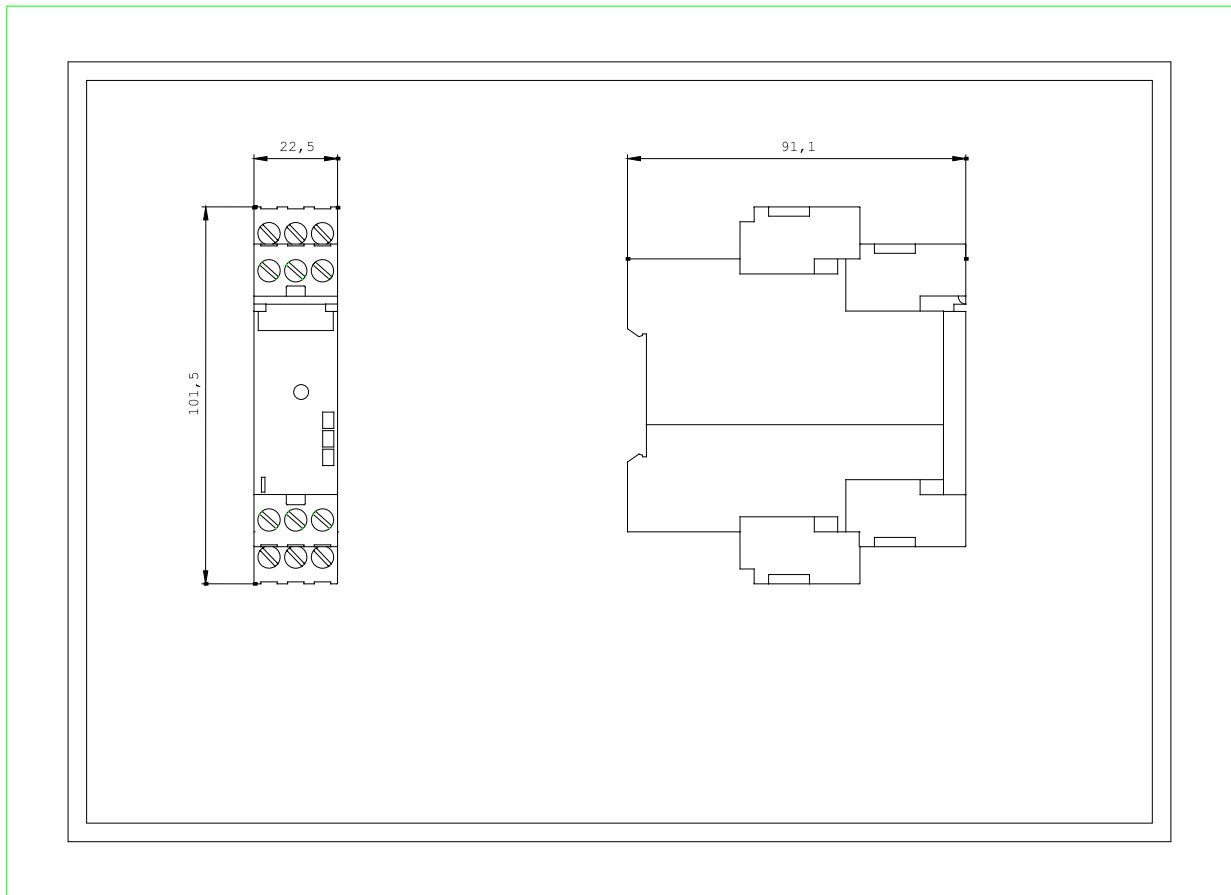
<http://www.siemens.com/cax>

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

<http://support.automation.siemens.com/WW/view/en/3RK1200-0CG03-0AA2/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3RK1200-0CG03-0AA2



last change:

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