



AS-INTERFACE SLIMLINE MODULE S22.5,
EARTH FAULT MONITORING,
IP20,1 X 1INPUT, REMOTE RESET,
2 X SIGNAL OUTPUT, RELAY,
1A DC12 1A (2A MAX.) DC13 500MA (24V) CAGE-CLAMP,
MODULE WIDTH 22.5 MM,
NO AS-I ADDRESS REQUIRED AS-INTERFACE
MONITORING ONLY

General technical data:		
Design of the product		ground-fault detection modules - modules with special functions
Product function		
• short-circuit to earth recognition		Yes
• counter		No
• overvoltage recognition		No
Protocol / is supported / AS interface protocol		Yes
Design of the electrical connection / of the inputs and outputs		spring-loaded terminals
AS interface / total current input / max	mA	40
Earth fault		10% Uas-i <= Ugnd <= 90% Uas-i
Addressing		the module does not need its own AS-Interface address
Signal range		
• low signal / lin / max	mA	1.5
• high signal		
• Uin / min	V	10
• lin / min	mA	6
Current carrying capacity		
• DC-12	A	1
• DC-13		

• 24 V	mA	500
• 48 V	mA	200
Operating cycles / DC-12		2,000,000
Rated operational voltage / DC	V	24 ... 48
Rated temperature	°C	25
AS interface / Connection / Polarity reversal protection		built-in
Note 1		If repeaters are used, a ground fault detection module must be used for each AS-Interface segment (number of AS-Interface power supply units = number of ground fault detection modules)
Note 2		Uaux should be protected by a 2 A slow fuse. The endurance of the relay can be increased if inductive loads are connected using freewheel diodes.
Reference code		
• according to DIN 40719 extended according to IEC 204-2 / according to IEC 750	A	
• according to DIN EN 61346-2	K	

Status display

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) mm²
• finely stranded		
• with end sleeve		2 x (0,25 - 1) mm²
• without end sleeve		2 x (0.25 - 1.5) mm²
• AWG / solid or stranded		AWG 2 x (24 - 16) mm²

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

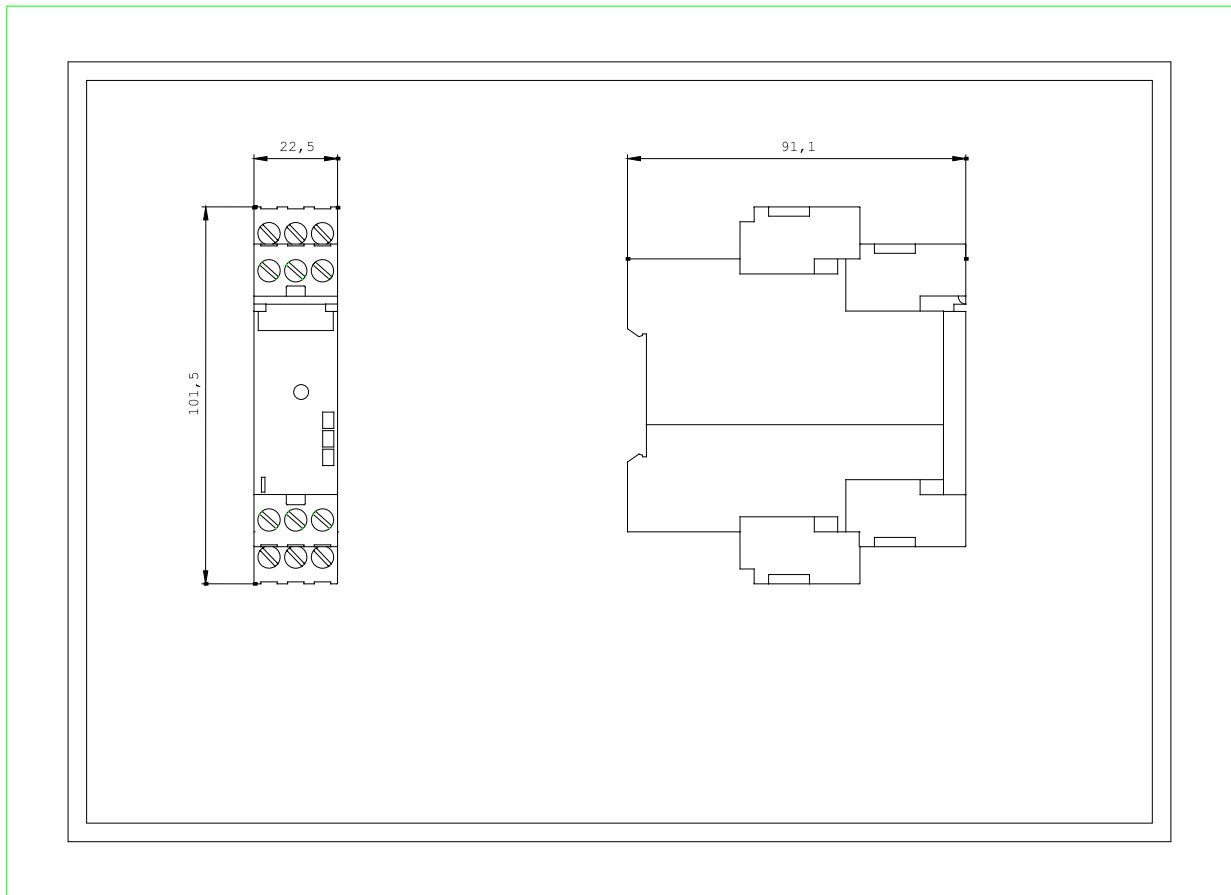
<http://www.siemens.com/cax>

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

<http://support.automation.siemens.com/WW/view/en/3RK1408-8KG00-0AA2/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3RK1408-8KG00-0AA2



last change:

Jul 7, 2014