

AS-INTERFACE OVERVOLTAGE PROTECTION
MODULE FOR LIGHTN. PROTECTION ZONE 2 IP 67



General technical data:		
Design of the product		overvoltage protection modules - modules with special functions
Product function		
• Ground fault detection		No
• counter		No
• Overvoltage detection		Yes
Protocol is supported AS-interface protocol		No
Addressing		the module does not need its own AS-Interface address
Rated discharge current 8/20		
• AS-Interface		
— Core-PG	kA	10
— Core-core	kA	0.5
• AUX POWER		
— Core-PG	kA	10
— Core-core	kA	0.5
Protection level Usp		
• at Isn		

— AS-Interface Core-PG max	kV	1.8
— AS-Interface Core-core max	V	100
— AUX POWER Core-PG max	kV	1.8
— AUX POWER Core-core max	V	70
• at 1 kV/μs		
— AS-Interface Core-PG max	V	700
— AS-Interface Core-core max	V	50
— AUX POWER Core-PG max	V	600
— AUX POWER Core-core max	V	40
Equipment marking acc. to DIN 40719 extended according to IEC 204-2 acc. to IEC 750		E
Equipment marking acc. to DIN EN 61346-2		K

Ambient conditions:

Ambient temperature		
• during operation	°C	-25 ... +85
• during storage	°C	-40 ... +85
Protection class IP		IP67

Mechanical data:

Width	mm	45
Height	mm	80
Depth	mm	25
Mounting type		standard rail mounting/wall mounting

Certificates/ approvals:

General Product Approval	Functional Safety/Safety of Machinery	Declaration of Conformity	Test Certificates
 CSA	 UL	 EAC	 EG-Konf.

[sonstig](#)

[Typprüfbescheinigung/Werkszeugnis](#)

Shipping Approval	other
 ABS	 DNV



PRS



RMRS

[Bestätigungen](#)

[Umweltbestätigung](#)

Further information

Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/industrial-controls/catalogs>

Industry Mall (Online ordering system)

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

Cax online generator

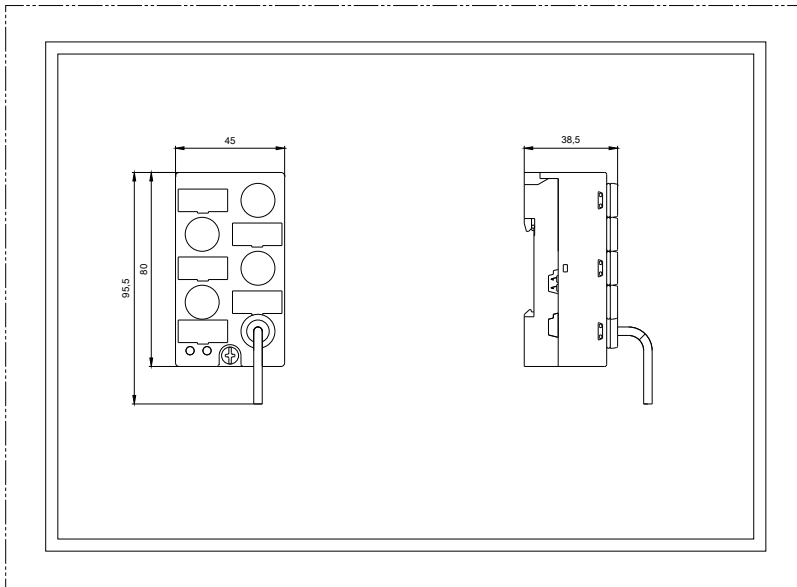
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK1901-1GA01>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3RK1901-1GA01>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RK1901-1GA01&lang=en



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