

AS-i overvoltage protection module IP67, for lightning protection zone 2



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
reference code according to DIN 40719 extended according to IEC 204-2 according to IEC 750		E
reference code according to 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
fastening method		standard rail mounting/wall mounting
Certificates/ approvals		

[Confirmation](#)

Environment

[Environmental Confirmations](#)

Further information

Information on the packaging

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

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

<https://www.siemens.com/ic10>

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RK1901-1GA01>

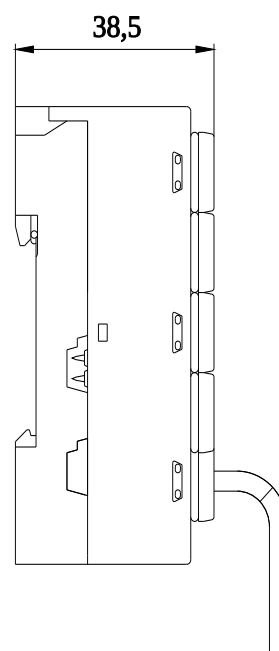
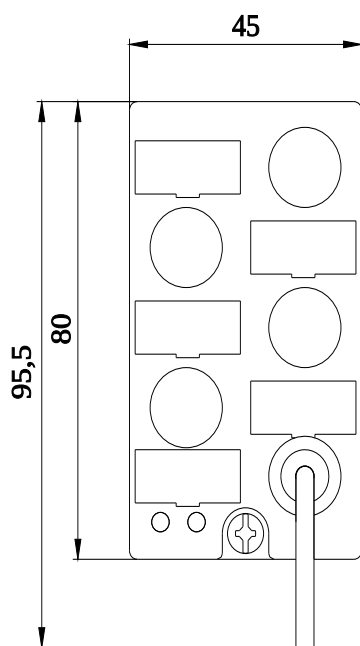
Cax online generator

<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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