

Code: AXON-VIDEO-IP-4POE

OVERVOLTAGE LIMITER **AXON-VIDEO-IP-4POE**

The AXON-VIDEO-IP-4POE device is used for overvoltage protection of devices used in digital CCTV systems communicating via Ethernet 10/100 Mb/s. In particular, the protector is designed to protect IP cameras powered remotely in PoE technology, i.e. through unused pairs of wires in the transmission cable.

It has 4 independent channels to protect the signal and power lines of the cameras. The both lines are protected by overvoltage elements, which carrying away the discharge current to the ground and protecting the wires between themselves within the same pair.

Metal casing guarantees more resistance to mechanical damages and ensures good shielding of the entire protective system.



Number of channels:	4
Signal line - wires 1, 2, 3, 6:	
Transmission speed:	10 / 100 Mbps
Rated voltage:	5 V
Maximal voltage:	6 V
Voltage protection level line-line:	$\leq 40 \text{ V} - 1 \text{ kV}/\mu\text{s}$ [C3]
Voltage protection level line-PG:	$\leq 600 \text{ V} - 1 \text{ kV}/\mu\text{s}$ [C3]
Nominal discharge current (line-line):	20 A - 10/1000 μs [C3]
Nominal discharge current (line-PG):	20 A - 10/1000 μs [C3]
Power line - wires 4, 5 and 7, 8:	
Nominal power voltage:	50 V
Maximal power voltage:	56 V
Nominal current:	400 mA
Voltage protection level line-line for power:	$\leq 95 \text{ V} - 1 \text{ kV}/\mu\text{s}$ [C3]
Voltage protection level line-PG for power:	$\leq 1000 \text{ V} - 1.2/50 \mu\text{s}$ [C2]
Nominal discharge current line-line for power:	10 A - 10/1000 μs [C3]
Nominal discharge current for power (line-PG):	2 kA - 8/20 μs [C2]
General information:	
Protection parameters compliance:	Compliance with PN-EN61643-21
Sockets type:	8 x RJ-45 shielded socket (8P8C) (4 Inputs, 4 Outputs)



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Housing:	Metal, black
Weight:	0.32 kg
Dimensions:	167 x 50 x 32 mm
Length of grounding cable:	55 cm
Guarantee:	2 years

