

Code: AXON-POE/PROF

OVERVOLTAGE LIMITER **AXON-POE/PROF**

Device is designed to overvoltage protection of devices connected to the Ethernet 10/100/1000 Mb/s networks, powered remotely by unused pairs of wires. Device is equipped with 2 lines - data transmission line (pairs 1-2, 3-6) and power line (pairs 4-5, 7-8). To increase the load of power line the wire 4 is shorted to wire 5, and the wire 7 to 8.

The AXON-POE/PROF is a reinforced version of the AXON-POE popular device. Using the shielded RJ-45 sockets and FTP cable you can ensure shield continuity. The socket shield is connected to the ground.



Signal line - wires 1, 2, 3, 6:	
Rated voltage:	5 V
Maximal voltage:	6 V
Voltage protection level line-line:	$\leq 40 - 1 \text{ kV}/\mu\text{s}$
Voltage protection level line-PG:	$\leq 600 - 1 \text{ kV}/\mu\text{s}$
Nominal discharge current (line-line):	20 A (10/1000 μs)
Nominal discharge current (line-PG):	20 A (10/1000 μs)
Power line - wires 4, 5 and 7, 8:	
Nominal power voltage:	50 V
Maximal power voltage:	56 V
Nominal current:	400 mA
Nominal discharge current line-line for power:	10 A (10/1000 μs)
Nominal discharge current for power (line-PG):	2 kA (8/20 μs)
Voltage protection level line-line for power:	$\leq 95 \text{ V} - 1 \text{ kV}/\mu\text{s}$
Voltage protection level line-PG for power:	$\leq 1000 \text{ V} - 1 \text{ kV}/\mu\text{s}$
Norm:	Compliance with PN-EN61643-21
Sockets types:	RJ45 (8P8C)
Housing:	Metal, black
Dimensions:	95 x 50 x 30 mm
Weight:	0.18 kg



DATA SHEET

Guarantee:

2 years