

Code: AXON-POE-MULTINET-12

## OVERVOLTAGE LIMITER **AXON-POE-MULTINET-12**

The AXON-POE-MULTINET-12 is multi-channel device of AXON company designed to overvoltage protection of Ethernet 10/100 Mb/s network devices connected to it and powered remotely with PoE technology.

Each of 12 AXON-POE-MULTINET-12 channels has 2 lines - the data 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.

Using the shielded RJ-45 sockets and FTP cable you can ensure shield continuity. The socket shield is connected to the ground. The condition of correct protection is connecting the AXON-POE-MULTINET-12 device to the proper grounding or PE wire.



### Signal line - wires 1-2, 3-6:

Rated voltage:	5 V
Maximal voltage:	6 V
Voltage protection level line-line:	$\leq 40 \text{ V} - 1 \text{ kV}/\mu\text{s}$
Voltage protection level line-PG:	$\leq 600 \text{ V} - 1 \text{ kV}/\mu\text{s}$
Nominal discharge current (line-line):	20 A (10/1000 $\mu\text{s}$ )
Nominal discharge current (line-PG):	20 A (10/1000 $\mu\text{s}$ )

### 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:	$\leq 95 \text{ V} - 1 \text{ kV}/\mu\text{s}$
Voltage protection level line-PG for power:	$\leq 1000 \text{ V} (1.2/50\mu\text{s})$
Nominal discharge current line-line for power:	10 A (10/1000 $\mu\text{s}$ )
Nominal discharge current for power (line-PG):	2 kA (8/20 $\mu\text{s}$ )
Protection parameters compliance:	Compliance with PN-EN61643-21

### General information:

Number of channels:	12
Sockets type:	RJ45 (8P8C)
Housing:	Metal, black
Weight:	1.07 kg
Dimensions:	1 U Rack 19" 488 x 44 x 50 mm
Guarantee:	2 years