AXON®

AXON Net Protector
AXON Net Protector PROFESSIONAL

Surge protection of Ethernet terminal equipment

3 YEARS WARRANTY

MADE IN POLAND

Common specifications:

Nominal voltage U_N	5V
Maximum voltage U_C	6V
Level of protection U_P (line-line)	≤40V – 1kV/µs, C3
Level of protection U_P (line-earthing)	≤600V – 1kV/µs, C3
Nominal discharge current i_N (line-line)	20A – 10/1000µs, C3
Nominal discharge current i_N (line-earthing)	20A – 10/1000µs, C3
Protected lines	1-2, 3-6, 4-5, 7-8
Number of channels	1
Length of the earthing wire	0.5m
Standards	EN 61643-21

Specifications only for AXON Net Protector

Type of sockets	RJ45 (8P8C)
Housing	plastic
Dimensions	66x60x30mm
Weight	0.08kg

Specifications only for AXON Net Protector PROFESSIONAL

Type of sockets	RJ45 (8P8C) shielded
Housing	metal, powder coated
Dimensions	70(95)x50x30mm
Weight	0.16kg

The **AXON Net Protector** family of products is designed to protect against pulse surges, the Ethernet appliances with throughputs of up to 1Gb/s. The **AXON Net Protectors** work with modems, routers, network cards and all other Ethernet network equipment that use twisted pair cable terminated with RJ45 plug.

The fast semiconductor components used in the device eliminate the effects of pulse surges emerging between each pairs of wires in the 4-pair cable and the surge energy is discharged to the earth through the PE wire.

The devices are available in two versions. The **AXON Net Protector** has a plastic housing and it is designed for installation in less demanding installation conditions.

The **AXON Net Protector PROFESSIONAL** features a metal housing which is resistant to mechanical damages and along with shielded RJ45 jacks it provides shielding for the entire protection system.

The manufacturer reserves the right to change the technical parameters of the device, resulting from technological progress.
NOTE! Specifications define the maximum values of voltage spikes, against which the device is protected.