

AXON Multi Net Protector 4 AXON Multi Net Protector 8

Multichannel surge protection of Ethernet terminal equipment



The **AXON Multi Net Protector** family of products is designed to protect against pulse surges, the 10/100/1000 Mb/s Ethernet appliances. The **AXON Multi Net Protectors** work with modems, routers, network cards and all other Ethernet network elements that use twisted pair cable terminated with RJ45 plug. They are multichannel devices dedicated to protect server rooms, local telecommunication networks and all other systems based on multiple lines.

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. There are available two versions of the device, which differ in the number of channels and dimensions: **AXON Multi Net Protector 4**, compact, 4-channel version and slightly larger **AXON Multi Net Protector 8** which has 8 channels. They both have powder coated metal housing with 4 mounting holes.

Common specifications:

Nominal voltage U_N	5V
Maximum voltage U_c	6V
Level of protection U_p (line-line)	$\leq 40V - 1kV/\mu s, C3$
Level of protection U_p (line-earthing)	$\leq 600V - 1kV/\mu s, C3$
Nominal discharge current i_N (line-line)	20A – 10/1000 $\mu s, C3$
Nominal discharge current i_N (line-earthing)	20A – 10/1000 $\mu s, C3$
Protected lines	1-2, 3-6, 4-5, 7-8
Type of sockets	RJ45 (8P8C) shielded
Housing	metal, powder coated
Length of the earthing wire	0.5m
Standards	EN 61643-21

Specifications only for **AXON Multi Net Protector 4**

Dimensions	167x50x32mm
Weight	0.4 kg
Number of channels	4

Specifications only for **AXON Multi Net Protector 8**

Dimensions	162x90x37mm
Weight	0.5kg
Number of channels	8

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.