

AXON Multi Net Protector 12

AXON Multi Net Protector Rack 24

19" rack mount multichannel surge protection
of Ethernet terminal equipment



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 12**

Dimensions	444(490)x50x44mm
Weight	1.3 kg
Number of channels	12

Specifications only for **AXON Multi Net Protector Rack 24**

Dimensions	444(490)x85x44
Weight	1.5kg
Number of channels	24

The **AXON Multi Net Protector** family of products is designed to protect 10/100/1000 Mb/s Ethernet appliances against pulse surges. **AXON Multi Net Protectors** work with modems, routers, network cards and all other Ethernet network appliances 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 12** is the 12-channel version with all sockets placed on the front panel, while larger, 24-channel version **AXON Multi Net Protector RACK 24** has its sockets placed both on the front and on the back panel of the housing. Both versions are designed for mounting in the 19-inch rack cabinets.

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.