

# AXON NetProtector



**AXON NetProtector** is designed for protection of Ethernet 10/100/1000 Mb/s network equipment against impulse surges. The used parts protect all four pairs of wires in the twisted-pair cables. Elimination of the surge between the lines is provided within each pair, and the occurring surge current is discharged to the ground through a PE wire. Such a solution guarantees effective surge protection.

**Technical specifications:**

Nominal voltage $U_N$	5V
Maximal voltage $U_c$	6V
Protection level $U_P$ line to line	$\leq 40V - 1kV/\mu s, C3$
Protection level $U_P$ line to ground	$\leq 600V - 1kV/\mu s, C3$
Nominal discharge current $i_N$ line to line	20A - 10/1000 $\mu s, C3$
Nominal discharge current $i_N$ line to ground	20A - 10/1000 $\mu s, C3$
Protected wire pairs	1-2, 3-6, 4-5, 7-8
Sockets type	RJ45 (8P8C)
Case	plastic
Dimensions	66x60x30mm
Weight	0,08kg
Conformity with standard	EN 61643-21

Remark: The specifications determine the maximum value of surge impulses against which the device protects.