DATA SHEET

Code: AXON-POWER-VIDEO

OVERVOLTAGE LIMITER **AXON-POWER-VIDEO**

The AXON-POWER-VIDEO is designed to overvoltage protection of electronic devices working in analog CCTV systems, such as: cameras, monitors, DVRs. It is equipped with two protection lines. One of them protects the video signal line and the other the outer power line of the camera.

A both lines are equipped with extended protection system. The protective elements carry away the discharge current to the ground and also limit the overvoltages appearing between wires, both in the signal line and power line. Due to it, the AXON-POWER-VIDEO provides wide-range protection of the connected devices.

The AXON-POWER-VIDEO is equipped with metal shielding housing. The BNC socket is directly connected to the housing, but BNC plug is mounted on the 20cm long coaxial cable. The power line is equipped with separable screw terminals. The grounding cable is led out, not connected directly to the housing and terminated with fork end.

The AXON-POWER-VIDEO is symmetrical protector without marked input/output. The condition of correct protection is connecting the AXON-POWER-VIDEO device to the proper grounding or PE wire.



Standard:	• AHD - 5 Mpx • HD-CVI - 8.3 Mpx 4K UHD • HD-TVI - 5 Mpx • CVBS - PAL / NTSC
Nominal voltage:	1 V
Maximal voltage:	1.5 V
Nominal discharge current line-PG [C2]:	5 kA (8/20µs)
Nominal discharge current (shield-PG) [C2]:	5 kA (8/20µs)
Nominal discharge current (line-shield) [C3]:	25 A (10/1000µs)
Voltage protection level line-PG:	1000 V
Voltage protection level shield-PG:	1000 V
Voltage protection level line-shield:	6 V
Serial impedance per line:	1 Ω
Bandwidth:	0 ... 100 MHz
Attenuation:	0.05 dB for 5 MHz, 0.5 dB for 100 MHz
Nominal power voltage:	50 V DC, 30 V AC
Maximal power voltage:	56 V DC, 35 V AC
Nominal current:	3 A
Nominal discharge current for power (line-PG):	5 kA (8/20µs)
Nominal discharge current line-line for power:	10 A (10/1000µs)
Voltage protection level line-line for power:	95 V

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Voltage protection level line-PG for power:	1000 V
Input socket type:	• cable terminal (separable) • BNC socket
Output socket type:	• cable terminal (separable) • BNC plug (with cable)
Protection parameters compliance:	Compliance with PN-EN61643-21
Dimensions:	73 x 53 x 26 mm
Weight:	0.14 kg
Guarantee:	2 years

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