

Code: AXON-RS-485

OVERVOLTAGE LIMITER **AXON-RS-485** RS-485 SYMMETRIC LINE

Net: 1.60 PLN Gross: 1.60 PLN

The AXON-RS-485 surge arrester is designed for overvoltage protection of electronic devices working in CCTV camera control systems based on RS-485 transmission or its varieties with voltage lower than 5V. The AXON-RS-485 is equipped with protective elements which limit the overvoltages appearing between transmission lines and PE wire and also carry away the discharge current to the ground. The device also has elements limiting the dangerous voltage that may occur between the lines.

Due to it, the AXON-RS-485 provides wide-range protection of the connected devices. The AXON-RS-485 is equipped with metal shielding housing. Removable screw terminals are used as connecting elements. The A, B terminals are used for connecting the protecting transmission lines, the third terminal can be used by the installer to connect the signal ground. An additional terminal is not pre-connected to the ground. The grounding cable is led out, connected directly to the housing and terminated with a fork end. The device is an asymmetric protector. The transmission line is connected to "Line" terminals and the protected equipment to "Equip" connector. The condition of correct protection is connecting the AXON-RS-485 device to the proper grounding or PE wire.



SPECIFICATION

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| Nominal voltage: | 6 V |
| Nominal current: | 0.75 A |
| Maximal voltage: | 10 V |
| Nominal discharge current line-PG [C2]: | 5 kA (8/20 μ s) |
| Nominal discharge current line-PG [C3]: | 25 kA (10/1000 μ s) |
| Voltage protection level line-PG [C2]: | 1000 V |
| Voltage protection level line-PG [C3]: | 16 V |
| Serial impedance per line: | 2 Ω |
| Bandwidth: | 0 ... 1 MHz |
| Capacitance line-line: | 50 pF |
| Capacitance line-PG: | 16 pF |
| Connectors: | 2x triple screw terminal, removable, 3.5 mm distance |
| Protection parameters compliance: | Compliance with PN-EN61643-21 |
| Dimensions: | 63 x 30 x 20 mm |
| Weight: | 0.08 kg |
| Guarantee: | 2 years |

PRESENTATION

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PACKAGE

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| Dimensions (L x W x H): 0x0x0 mm | Gross Weight: 0 kg |
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