

RSP-05P1-DIN

Surge protector PoE LAN for Ethernet networks



"PoE surge protector is designed for protecting Gigabit Ethernet and Power over Ethernet (PoE) terminals or RJ45/Ethernet cable system against surges. It is fulfilling the requirements of Category 6 & all versions of PoE (PoE+, PoE++), can be universally used for all data services with nominal voltages up to 65V. It is ideally suited for PoE and Gigabit Ethernet application and similar applications in structured cabling systems.

All lines are protected by powerful gas dischargers and fast varistors with TVS diodes.

- Universal single-track surge protector for Ethernet Power over Ethernet networks in structured cabling systems for consumer electronics applications.
- DIN rail mounting, grounding using N or protective conductor.
- Discharge element – fast varistors with gas discharge tubes and fast TVS diodes.
- Certifications, directives: RoHS, CE

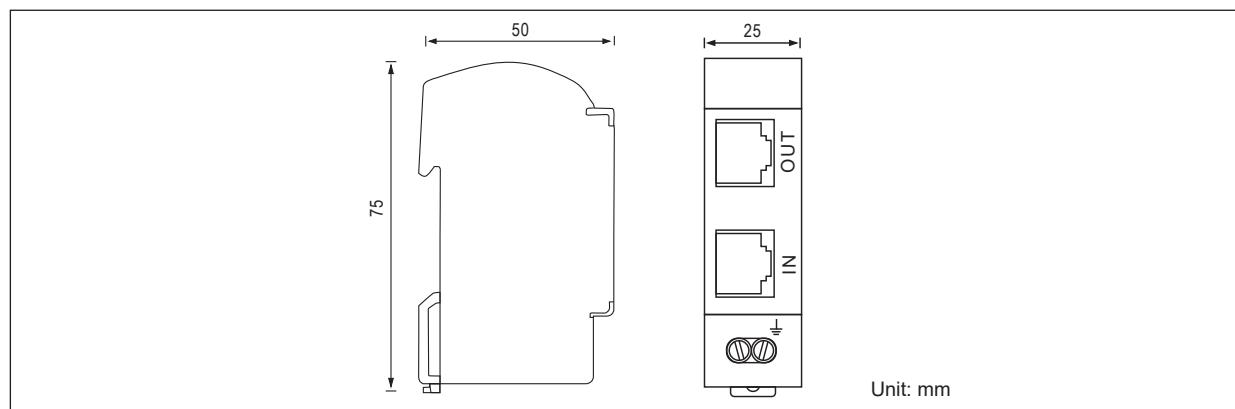
The product uses high-quality components that protect against overcurrent and overvoltage, ensuring complete protection.

- The product is designed in accordance with IEEE802.3af and 802.3at standards.
- A multi-level protection system, low residual voltage, and excellent protection effect are used.
- Complex SPD used for surge protection of network data cables and Ethernet power cables.

Technical parameters

Max discharge current	x-x 1 kA
Rated current	x-c 2,5 kA
Technology (GDT/TVS/MOV) combined	1,5 A
Nominal voltage U_n	GDT+MOV+TVS
Max. Continuous operating voltage U_c	48 V DC
Transmission rate bps	65 V DC
Limit voltage U_p	100/1000
Category of connection	x-c 500 V
Response time	CAT6, CAT5, CAT5E
Insertion loss	≤ 1ns
Number of slots RJ45	≤ 0.2 dB
Certification according to standards	1
Standards compliance	EEE802.3af EIA/TIA568B
Dimensions L × W × H / Weight	EIA/TIA568A,B
	75 × 50 × 25 mm / 75 g

Dimensions



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