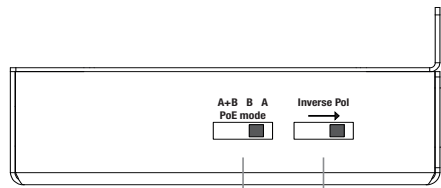


SPI surge protector
2 stages tvs-gdt
15 kA peak surge current
A-B PoE modes
LAN galvanic isolated



Inverse Polarity Switch

PoE mode: A+B mode, all 8 wires injected
 B mode, 4 & 5 / 7 & 8
 A mode, 1 & 2 / 3 & 6

Passive Surge Protector Injector

Gigabit PoE Injector with High Power Surge Protection

Electrical Specifications

| | |
|----------------------|--|
| Max Voltage | 60 Volts AC/DC |
| Max Current | 1 A (2A in High Power Version) |
| Power Connector | 1.5 mm ² wires terminal blocks |
| Ethernet Connectors | Shielded RJ45 Jack, Plastic RJ45 Jack (galvanic isolated LAN) |
| GND Connector | 4 mm lug |
| Power Lines (Mode B) | + VDC: Pins 4 & 5 (7 & 8 with inverse polarity) - VDC: Pins 7 & 8 (4 & 5 with inverse polarity) |
| Power Lines (Mode A) | + VDC: Pins 1 & 2 (3 & 6 with inverse polarity) - VDC: Pins 3 & 6 (1 & 2 with inverse polarity) |
| Spark Over Voltage | 90 Volts |
| Peak Surge Current | 15kA |
| Modes of Protection | All Lines (1-8) Protected (L-L) and (L-G) |
| Transmission Speeds | 10BaseT; 100BaseT; 1000BaseT |
| SPD Technology | 2 stages: TVS, GDT |
| Warranty | 2 years from date of purchase |

Mechanical Specifications

| | |
|-----------------------|----------------------------------|
| Enclosure Material | ABS |
| Operating Temperature | -40°C to +80°C |
| Dimensions | 88 x 78 x 24 (36 with flange) mm |
| Weight | 75 g |
| Rohs Compliant | Yes |
| Mounting | Rack mount or Din Rail |

TERMS OF USE: This device must be professionally installed. Shielded ethernet cable and earth grounding must be used as conditions of product warranty. All specifications in this document are subject to change without notice.

For further information please visit www.9dot.it.