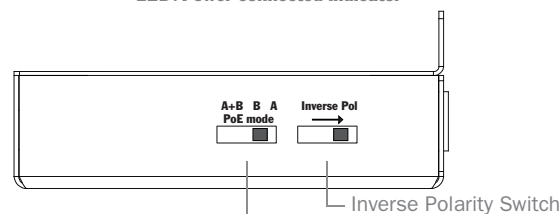


**SPI** surge protector  
**2** stages tvs-gdt  
**15** kA peak surge current  
**AB** PoE modes  
**LAN** Galvanic isolated



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



**9.**  
 Power Protection  
 for PoE

# Passive Surge Protector Injector

## Gigabit 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 <sup>2</sup> 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	1 year 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](http://www.9dot.it).