

SPI V2



2 Stages
tvs - gdt

15 kA peak
current

AB PoE
modes

LAN Galvanic
isolation

Gigabit PoE Injector with High Power Surge Protection

Surge Protector Injector V2 is a Power over Ethernet injector with integrated surge protection device which belong to the Smart Power Module System Family: a modular system designed to supply Power over Ethernet devices. Each module works independently and ensure the highest level of reliability and security. Through the side selectors you can set the PoE Mode and polarity.

Features

- Mode Selector: MODE A+B (PoE++) MODE B (4,5 / 7,8) MODE A (1,2 / 3,6)
- Polarity Selector: NORMAL POLARITY: + 4,5 e/o 1,2 | - 7,8 e/o 3,6
- REVERSE POLARITY: - 4,5 e/o 1,2 | + 7,8 e/o 3,6



Smart Power Module System

Electrical Specifications

Operating Voltage	+/- 10 - 60 Volt AC/DC
Typ Current	1A, 2A (PoE++) - short time maximum current 3A
Power Connector	2 x 1.31 mm ² wires terminal blocks
Ethernet Connectors	2 x Shielded RJ45 Jacks (LAN / PoE + Data) Screw
GND Connectors	M4
Transmission Speeds	10BaseT; 100BaseT; 1000BaseT
PoE mode	selectable (A, B, A+B, A reverse polarity, B reverse polarity, A+B reverse polarity)
Led	1 x LED (Status)

SPD Specifications

Spark over voltage	150 Volts
Peak Surge Current	15kA
Modes of Protection	All lines (1-8) Protected (L-L) and (L-G)
SPD Technology	2 stages: TVS, GDT

Environmental Specifications

Operating Temperature	-20 °C to +45 °C
Humidity	5 - 95% non-condensing

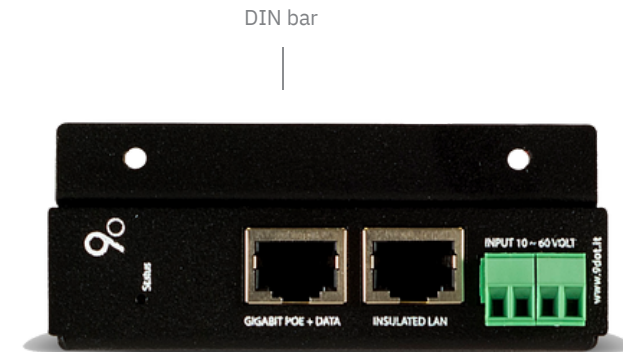
Mechanical Specifications

Dimensions (LxWxD)	87 x 84 x 24 (36 with flange) mm
Weight	150gr
Material	Varnished Iron
Mounting	Rack mount (with optional Staffa Rack) or DIN Rail (with optional DIN Clip)

TERMS OF USE: This device must be installed by a professional operator. Shielded ethernet cable and earth grounding must be used as condition of product warranty. All specifications in this document are subject to change without notice. For further information please visit www.9dot.it

Compliance & Warranty

RoHS Compliant	Yes
Certifications	CE - FCC
Warranty	consult with the nearest distributor



DIN bar

GIGABIT POE + DATA

INSULATED LAN

INPUT 10 - 60 VOLT

www.9dot.it

Gigabit LAN/PoE out



SPI V2
Surge Protector Injector

MODE A (1,2 / 3,6)
MODE B (4,5 / 7,8)
MODE A+B (PoE++)

NORMAL POLARITY
INVERSE POLARITY

Inverse Polarity Switch

Mode
MODE A+B
MODE B
MODE A

Cables
All 8 wires
4,5 / 7,8
1,2 / 3,6

