Passive Surge Protector Injector SPI

SPI Surge
protector

2 Stages
tvs-gdt

15 KA peak
surge corrent

AB PoE
modes

LAN Galvanic
isolated

Gigabit PoE Injector with High Power Surge Protection

Surge Protector Injector 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 assistance of a CMD control unit, it is possible to monitor all power benchmarks related to the connected devices and send control commands to modules.

Through the side selectors you can set the PoE Mode and polarity.

Features
Mode Selector:
MODE A+B (Po4P)
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
INVERSE POLARITY: – 4,5 e/o 1,2 | + 7,8 e/o 3,6

9dot
Smart solutions for new energy systems

Smart Power Module System

Electrical Specifications

Operating Voltage	10 - 60 Volts AC/DC
Max Current	0,7 A on PoE + Data

Ports and Interfaces

Power Connector	2 x 1.5 mm² wires terminal blocks
Ethernet Connectors	2 x Shielded RJ45 Jacks (LAN / PoE + Data)
GND Connector	4 mm lug
PoE Mode	selectable (A, B, A+B, A reverse polarity, B reverse polarity, A+B reverse polarity)
Transmission Speeds	10 BaseT; 100 BaseT; 1000 BaseT
Leds	1 x LED (Status)

SPD Specifications

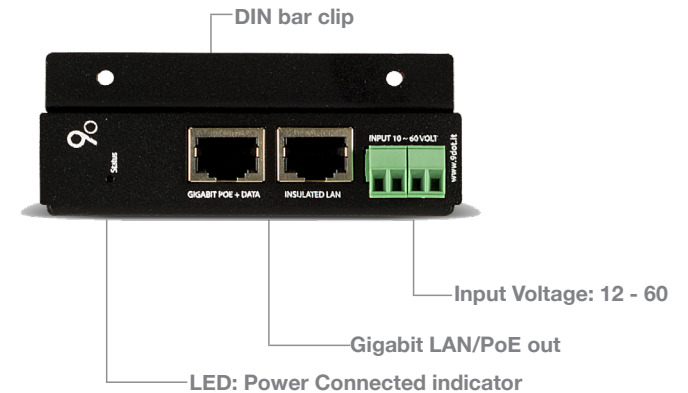|	
Spark over voltage	150 Volts
Peak Surge Current	15 kA
Modes of Protection	All lines (1-8) Protected (L-L) and (L-G)
SPD Technology	2 stages: TVS; GDT

Environmental

Operating Temperature	-40°C to +80°C
Humidity	0 - 95% non condensing

Mechanical Specification

Dimensions (LxWxD)	88 x 78 x 24 (36 with flange) mm
Weight	75 gr
Enclosure Material	Varnished Iron
Mounting	Rack mount (with optional Staffa Rack) or DIN Rail (with optional DIN Clip)

DIN bar clip

Input Voltage: 12 - 60

Gigabit LAN/PoE out

LED: Power Connected indicator

Compliance and Warranty

Certifications	CE
Rohs Compliant	Yes
Warranty	1 year from date of purchase

Inverse Polarity Switch

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