Passive Surge Protector Injector SPI

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 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
REVERSE POLARITY: − 4,5 e/o 1,2 | + 7,8 e/o 3,6

SPI Surge protector

2 Stages tvs - gdt

15 kA peak current

AB PoE modes

LAN Galvanic isolation

Smart Power **Module System**

Electrical Specifications

Operating Voltage	+/- 10 – 60 Volt AC/DC
Typ Current	0,7A in MODE A+B; 0,35A in MODE A o MODE B
Power Connector	2 x 1.31 mm² wires terminal blocks
Ethernet Connectors	2 x Shielded RJ45 Jacks (LAN / PoE + Data)
GND Connectors	Screw 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

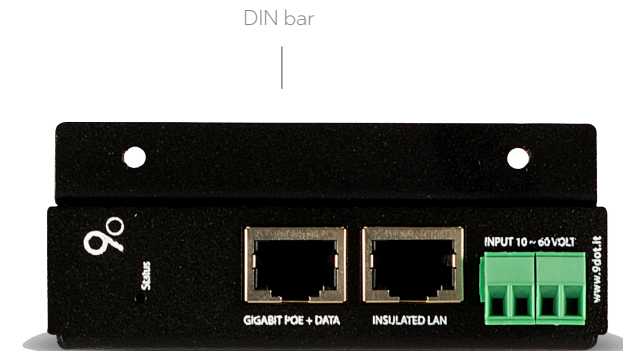|	
Operating Temperature	–20 °C to +45 °C
Humidity	5 – 95% non-condensing

Mechanical Specifications

Dimensions (LxWxD)	87 x 84 x 24 (36 with flange) mm
Weight	200gr
Material	Varnished Iron
Mounting	Rack mount (with optional Staffa Rack) or DIN Rail (with optional DIN Clip)

Compliance & Warranty

RoHS Compliant	Yes
Certifications	CE
Warranty	consult with the nearest distributor

DIN bar

Gigabit LAN/PoE out

Inverse Polarity Switch

Mode	Cables
MODE A+B	All 8 wires
MODE B	4,5 / 7,8
MODE A	1,2 / 3,6