

SP1-D003 Data and signal surge protective device is mainly used to protect such as Ethernet network, security camera, data communication, server equipment, working station (intranet) ...

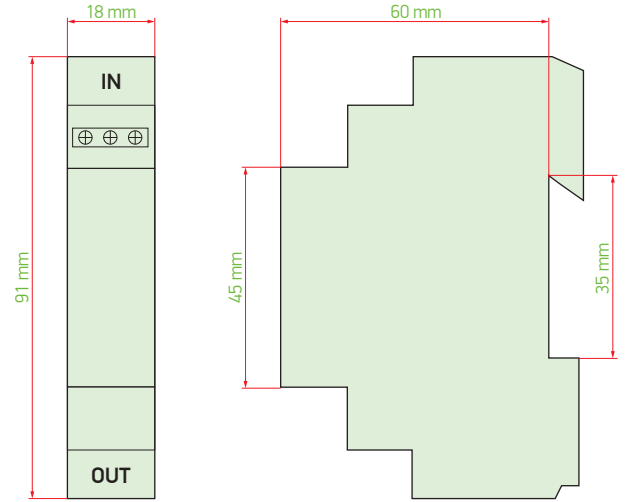
The features of SP1-D003

- Easy installation;
- Flame retardant material;
- Response is Instantaneous
- 10/100/1000 Mbps and Gigabit compatible.
- GDT+Diode Technology
- Strong protection ability and high reliability

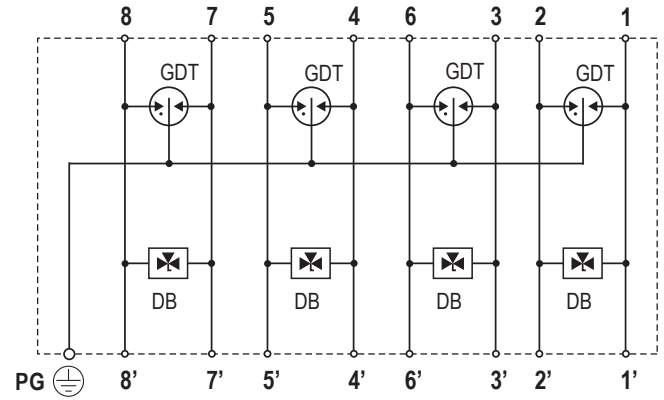
Technical Data

Electrical			
Number of Protected Pairs			4 Pairs (8 Conductors)
Nominal Operating Voltage (DC)		Un	48 V
Maximum Continuous Operating Voltage (DC)	(Line-Line)	Uc	50 V
	(Pair-Pair)		72 V
Rated Load Current at 25°C		IL	1 A
Nominal Discharge Current (8/20 µs)	(Line-Line)	In	150 A
C2 Total Discharge Current (8/20 µs)	(Lines-Ground)	In	10 kA
D1 Impulse Current (10/350 µs)		Iimp	1 kA
Voltage Protection Level at In	(Line-Line)	Up	150 V
	(Line-Ground)		550 V
Response Time		tA	< 10 ns
Cut-off Frequency		fG	250 MHz
Mechanical			
Operating Temperature Range	-40 °C to +80 °C (-40 °F to +176 °F)		
Connection Type	Input/Output: RJ45 Sockets		
Degree of Protection IEC/EN 60529	IP 20		
Housing Material	Plastic		
Mounting IEC/EN 60715	35 mm DIN Rail		
Place of installation	Indoor Installation		

Dimension



Internal Configuration



Diode block
Gas discharge tube
Protective grounding

DB
GDT
PG

DIN-Rail RJ45 SPDs applications

Industrial Ethernet	✓
Data networks	✓
ATM	✓
Ethernet 10/100/1000	✓
FDDI, CDDI	✓
Industrial Ethernet	✓
Power over Ethernet (PoE)	✓
Video systems	✓
Video (2 wire)	✓

Please read the following before installing your Sigma NET 6 POE Surge Protective Device:

- Verify the system voltage and configuration on the label if it is appropriate for the application
- Risk of Electric Shock- Installation and maintenance should be performed by qualified personnel only.
- Disconnect from energized circuits before installing or servicing
- International standards and safety regulations must be followed.
- Before installation, the mechanical integrity of the device should be checked. Visible damaged products should not be installed
- Opening or tampering with the device will void the warranty.
- It is very important to ensure that the new device is of the same type and operating voltage as the replacement device.

