

PD-IN/SP11

Indoor PoE Surge Protector



Summary

The PD-IN/SP11 is a high-quality surge protection device designed to protect indoor Ethernet networks from surge events that may come from outdoor environment through the Ethernet Cable. The SP11 device can be installed at the entrance of the building to protect the indoor network or in an outdoor cabinet close to the outdoor device (WLAN AP, IP Camera).

PD-IN/SP11 Features

- Passive device: no external power required
- Supports PoE up to 95W
- Support data rates of up to 1 Gbps
- Compact fit
- All eight lines protected

PD-IN/SP11 Specifications

Number of Ports	1
Data Rates	10/100/1000 Mbps
PoE Power	Up to 95W Up to 2A
Dimensions L x W x H	80 mm x 35 mm x 27 mm 3.15 in x 1.38 in x 1.063 in
Weight	80g (0.18 lbs.)
Connectors	Shielded RJ-45
Environmental	Operating Ambient Temperature: -40° to +185° F (-40° to +85°C) Operating Humidity: Maximum 90%, Non-condensing Storage Temperature: -40° to +185° F (-40° to +85°C) Storage Humidity: Maximum 95%, Non-condensing
Reliability	MTBF: 400,000 hours @ 25°C
Warranty	1-year
Hazardous Substances	CE, WEEE
Immunity to surges	IEC61643-21: 2001: Category B2; 1kV 10/700uS; 100A 5/320uS Category C1; 1kV 1.2/50uS; 100A 8/20uS Category C2; 10kV 1.2/50uS; 5kA 8/20uS Category D1; 2kA 10/350uS
Safety Approvals	UL 497B

Technical Support

For technical support please visit the Microchip Technical Support Portal www.microchip.com/support.

Ordering Information

Part Number	Description
PD-IN/SP11	Indoor Surge Protector PoE/Gigabit

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