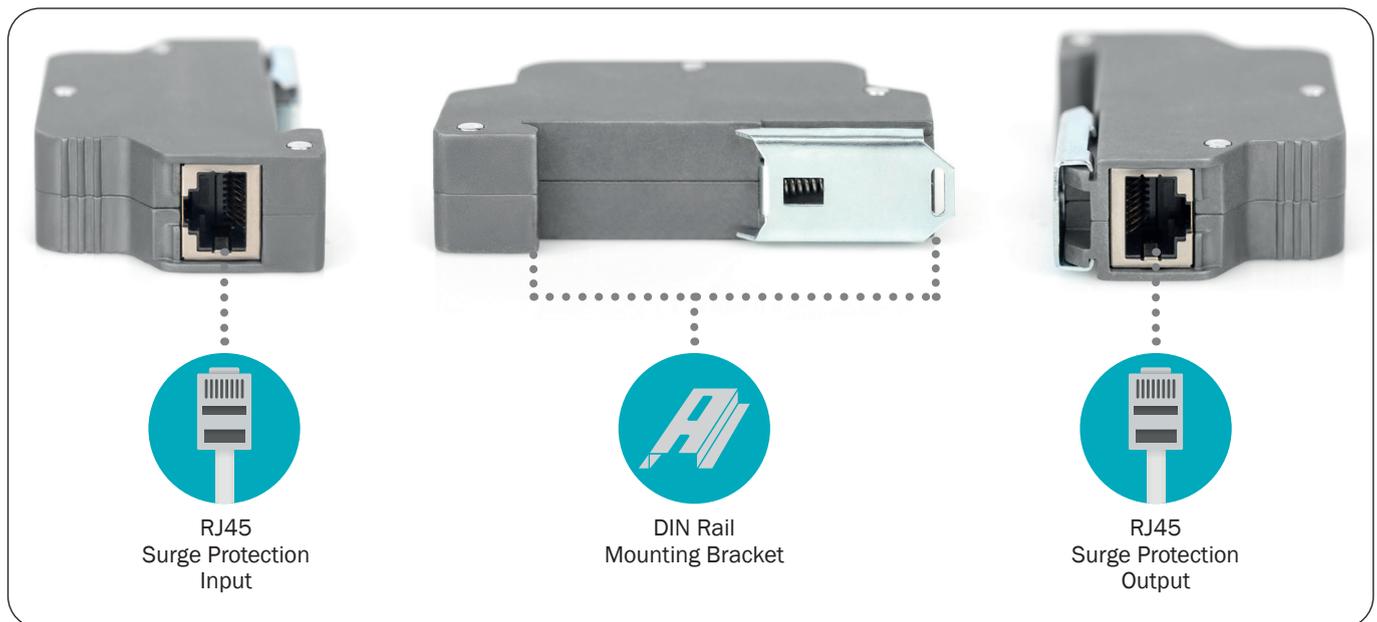


POE SURGE PROTECTOR (RJ45), DIN RAIL MOUNTING, INDOOR

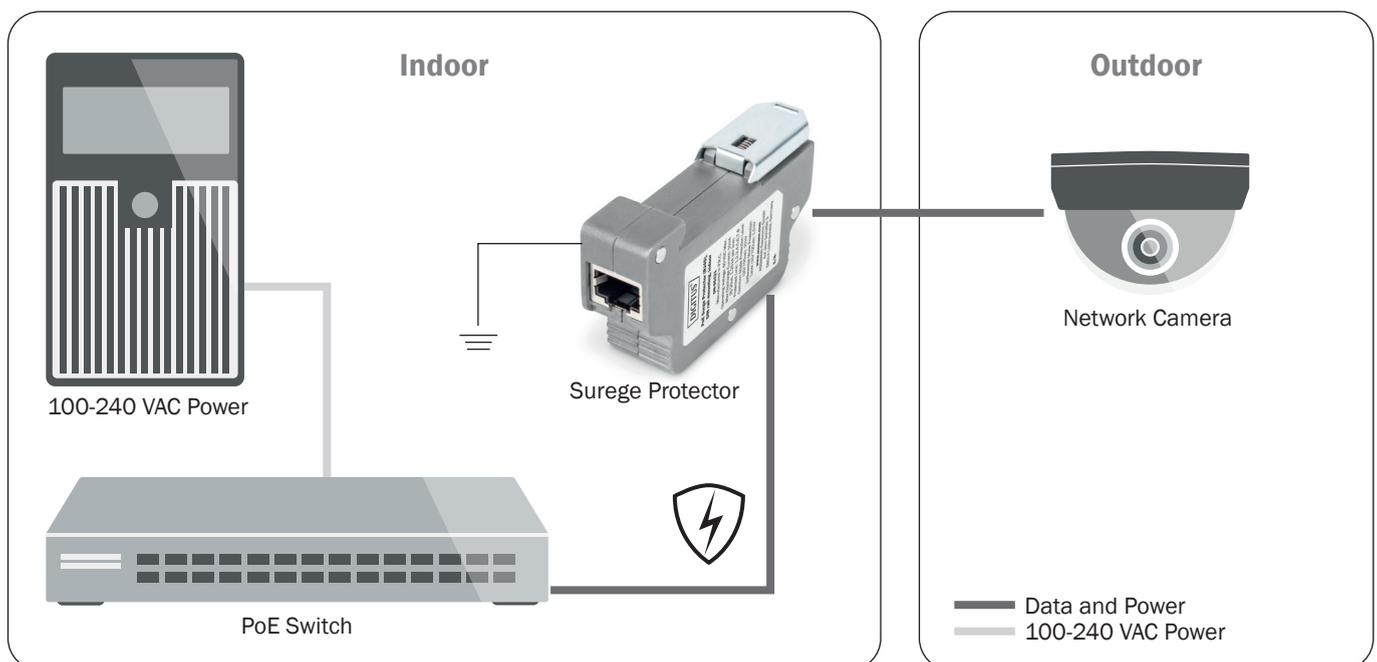
Introduction

The DIGITUS® Surge Protector is designed for industrial network applications and protects against surges of up to 10kV. Data transmission of up to 1000Mbps in Gigabit networks and the PoE standards PoE, PoE+ and PoE++ (IEEE802.3af/at/bt) are supported. This means that not only your conventional network devices are protected against surges, you can also use the DIN rail module for a variety of PoE applications (PoE, PoE+, PoE++), for example for IP cameras or PoE switches. The installation is very uncomplicated by simply snapping it onto a 35mm DIN rail, which can also serve as grounding for the Surge Protector. Do not compromise and protect your sensitive devices from high voltages and environmental influences.

Product profile



Product Working Diagram



Specification

Standard

- IEEE802.3 10Base-T Ethernet
- IEEE802.3u 100Base-Tx Fast Ethernet
- IEEE802.3ab 1000Base-T Gigabit Ethernet
- Support PoE wire with IEEE802.3af/at standards
- Support 110W IEEE802.3bt and PoE++ standards
- RoHS Compliance
- WEEE Compliance

Input/Output

- Operating Voltage: 60Vdc Max
- Maximum Operating DC Current:
1A for 2 pairs
2A for 4 pairs
Maximum 120W
- Data Speed: 10/100/1000Mbps

Working Environment

- Operating Temperature: -40 °C to 85 °C
- Operating Humidity: 20% to 80%, non-condensation
- Storage Temperature: -40 °C to 85 °C
- Storage Humidity: 10% to 90%, non-condensation
- Operating Altitude: up to 2000 meters

PoE Surge Protection

- Max Discharge Current: 10kA (8/20us, 1.25kA per line)
- Protected Line: 1,2,3,4,5,6,7,8
- Common Mode Protection Level (10/700us): 10kV
- Differential Mode Protection Level (10/700us): 1.5kV
- Insertion Loss @10MHz/100MHz: -1db
- Return Loss @10MHz/100MHz: -20db
- Response Time: 5ns

Mechanical Characteristics

- Case: Zinc alloy
- Color: Grey
- Mounting: DIN Rail mounted
- IP Rated: IP40
- Size: 77.2mm X 45mm X 19mm
- Weight: 115g

Safety Approval

- CE

EMI

- FCC CFR47 Part 15, EN55035, EN55032

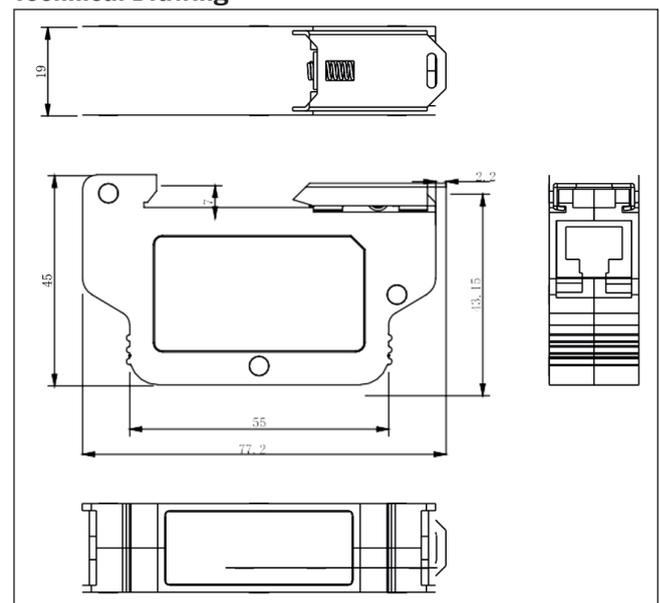
EMS

- IEC61000-4-2(ESD) ± 6 kV(contact), ± 8 kV(air)
- IEC61000-4-3(RS) 10V/m(80MHz~2GHz)
- IEC61000-4-4(EFT) Power Port: ± 2 kV; Data Port: ± 1 kV
- IEC61000-4-5(Surge) Power Port: ± 1 kV/DM, ± 2 kV/CM
- IEC61000-4-6(CS) 10V(150kHz~80MHz)

Immunity

- IEC60068-2-6 (Vibration)
- IEC60068-2-27 (Impact)
- IEC60068-2-32 (Free Fall)

Technical Drawing



Package Content:

- 1 x PoE Surge Protector (RJ45),
DIN rail mounting, indoor
- 1x QIG

Hereby Assmann Electronic GmbH, declares that the Declaration of Conformity is part of the shipping content. If the Declaration of Conformity is missing, you can request it by post under the below mentioned manufacturer address.

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