

Introduction

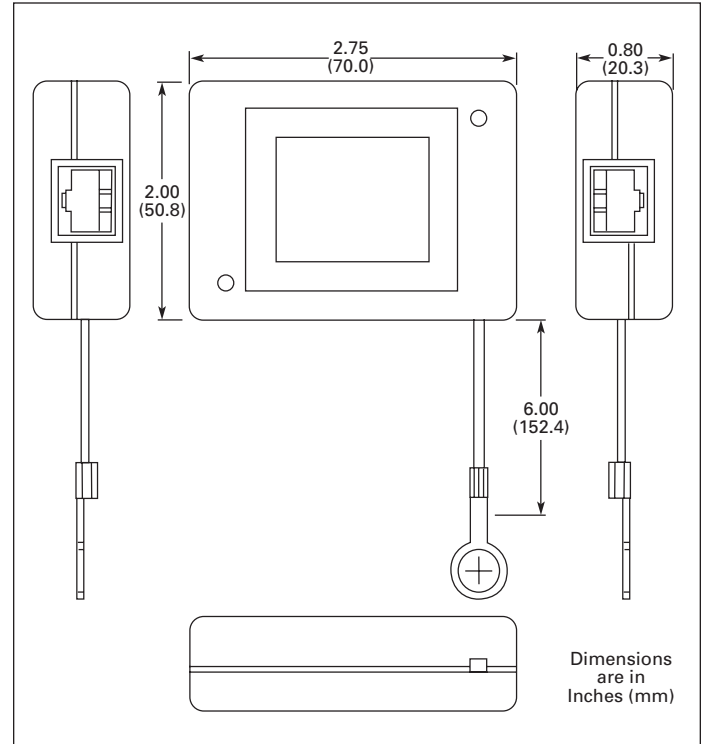
Since 1980, Eaton's Innovative Technology has provided Surge Protective Devices (SPDs) to power quality equipment users around the world. Whatever your electrical surge protection need may be, Eaton's Innovative Technology has a Surge Protective Device to fill it!

General Features

- Description — Category 5e local area network transient voltage surge suppression device; 100Base-Tx, 10Base-T
- Application — TIA/EIA-568-A-5 (Category 5e) Local Area Networks
- Warranty — 5-Year Free Replacement
- Manufacturer Qualifications — ISO® 9001:1994 Quality System Certification BSI FM 30833, CE

Mechanical and Electrical Features

- Enclosure — ABS Plastic UL® 94V-0
- Connection —
 - Lines: Cat5e RJ45-modular jack connectors
 - Ground: 6 in. (15.40 cm) long braided cable with #6 ring terminal
- Weight — 0.1 lb (0.05 kg)
- Protection Modes — All 8 pins protected
- Frequency Range — ≤250 MHz
- Maximum Data Rate — 100 Mbps
- Response Time — ≤1 nanosecond
- Maximum Continuous Operating Voltage — 13 V Line, 26 V Line-Line
- NEXT — 51.3 dB min. @ 100 MHz
- PSNEXT — 43 dB min. @ 100 MHz
- ELFEXT — 41 dB min. @ 100 MHz
- PS-ELFEXT — 41 dB min. @ 100 MHz
- Return Loss — 14 dB min. @ 100 MHz
- Attenuation — 2.1 dB max. @ 100 MHz
- Delay Skew — 1 ns/100 m; max. @ 100 MHz
- Propagation Delay — 18 ns/100 m; max. @ 100 MHz
- Equivalent Wire Length — 12 feet (3.66 m)
- Maximum Current — 1 Amp @ 25°C
- ACR — 77 dB @ 100 MHz
- PS-ACR — 69 dB @ 100 MHz



Performance Data

CCITT Rec. K17
Measured Limiting Voltage

Mode	10/700 μS Impulse 1 kV
Line-Ground	16
Line-Line	34

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Eaton Corporation
Innovative Technology TVSS Products
1000 Cherrington Parkway
Moon Township, PA 15108-4312
USA
Phone: 1-800-525-2000
Web: www.itvss.com

