



PTX240 Protector

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

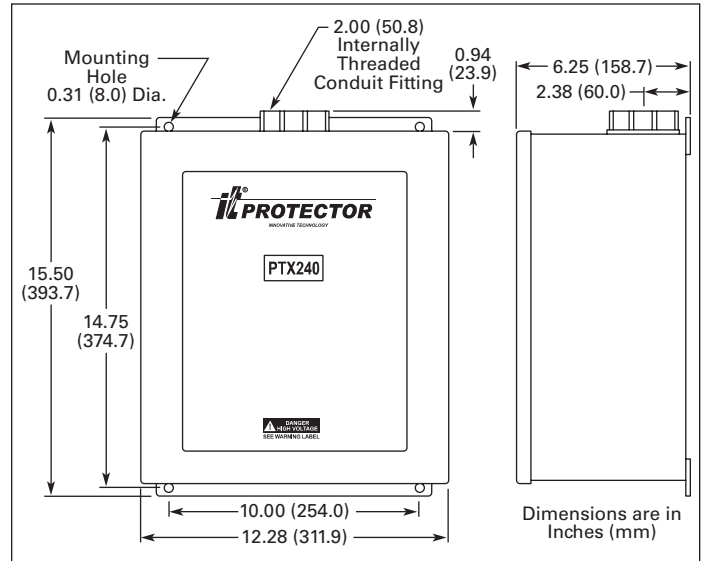
- 240 kA per phase, parallel configured, hardwire connected surge protective device
- Application — ANSI/IEEE C62.41 Location Categories C and B – Unlimited Exposure Level, largest industrial applications including: largest service entrances, largest distribution panels and largest individual equipment disconnects
- Warranty — 1-Year
- Manufacturer Qualifications — ISO® 9001:1994 Quality System Certification BSI FM 30833

Mechanical and Electrical Features

- Enclosure — Steel, NEMA® 12/13 (IP55)
- Connection — #4 AWG (21.2 mm²) stranded wire
- Weight — ≈60 lbs (27.2 kg)
- Operating Temperature — -40°F (-40°C) to +140°F (+60°C)
- Protection Modes — All Mode: L-L (normal mode), L-G (common mode)

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- Input Power Frequency — 47 – 420 Hz (60 Hz typical)
- Response Time — ≤1 nanosecond
- EMI/RFI Attenuation — Up to 39 dB normal mode, up to 41 dB common mode
- Capacitance — Up to 2.3 µf (L-L) & (L-G)
- Electrical System Configuration — 3-Phase Δ, 3w+gnd
- Circuit Interrupt Requirement — Reference installation instructions for details



Performance Data

| Available Models | Typical System Voltage (ac) | 20 kV, 10 kA Cat C3 | |
|------------------|-----------------------------|---------------------|-------|
| | | L-G | L-L |
| PTX240-NN1.0k | 1000 | 5130 | 4790 |
| PTX240-NN1.5k | 1500 | 6510 | 6200 |
| PTX240-NN2.0k | 2000 | 8600 | 8740 |
| PTX240-NN2.5k | 2500 | 9970 | 9240 |
| PTX240-NN3.0k | 3000 | 11110 | 11200 |
| PTX240-NN3.5k | 3500 | 12340 | 11770 |
| PTX240-NN4.2k | 4160 | 14270 | 14300 |

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