

**Eaton® Innovative Technology®
Model PTX120
Surge Protective Devices**



PTX120 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

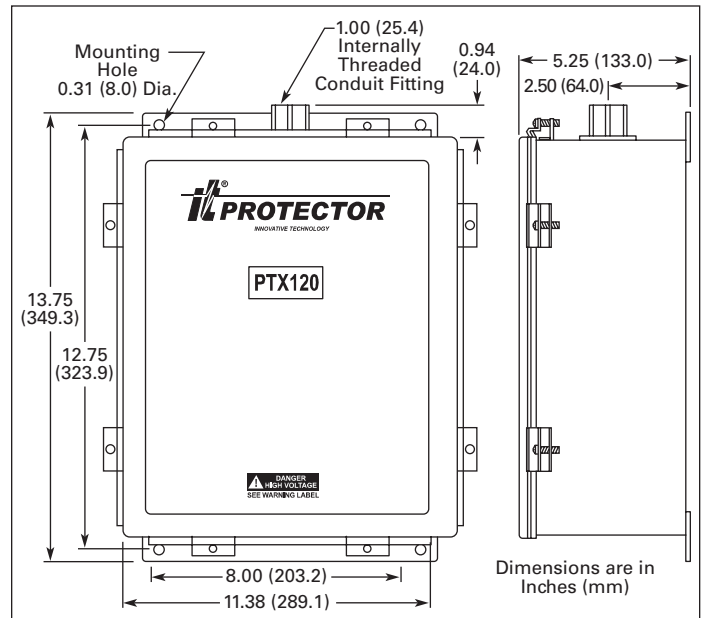
- 120 kA per phase, parallel configured, hardwire connected surge protective device
- Application — Location Categories C and B
 - High Exposure Level, industrial applications including: large service entrances, large distribution panels and large individual equipment disconnects
- Warranty — 1-Year
- Manufacturer Qualifications — ISO® 9001:1994 Quality System Certification BSI FM 30833

Mechanical and Electrical Features

- Enclosure — Steel, NEMA® 12/13 (IP55)
- Connection — #6 AWG (13.3 mm²) stranded wire
- Weight — ≈30 lbs (13.6 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 1.1 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
PTX120-NN1.0k	1000	4570	4540
PTX120-NN1.5k	1500	6140	6000
PTX120-NN2.0k	2000	8140	8340
PTX120-NN2.5k	2500	9770	9670
PTX120-NN3.0k	3000	11170	11040
PTX120-NN4.2K	4160	14270	14300

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