

SurgeFree™

Model 80XT-220Y

All-purpose Surge Protection

The 80XT is a robust surge protector with a small footprint that is designed for use at ANSI/IEEE Category C, B, and A locations. The 80XT has double redundant protection paths on each phase to ensure continuity of protection in even the harshest surge environments. It is for use in computer rooms, banking networks, and telecommunications when going off line is not an option. Its powder-coated steel enclosure can never burn or melt and it comes standard with dry contacts and audible alarm which can be connected to customer's network. All modes are protected including Neutral to Ground for safety and complete protection. Every MOV is monitored 24/7 and is protected with built-in surge fuses rated 200kA I/C.



I_{peak}=80,000A

WARRANTY

20-Year Warranty



FEATURES

- Surge handling capability: I_p=80kA per phase
- Side panel LED for status indication.
- Fast clamp response - under 1 nanosecond.
- Easy installation - less than 30 minutes.
- Connection cable included.
- All modes protected: L-L, L-N, L-G, N-G.
- Low profile steel enclosure
- Relay contacts (1 Form C).
- Redundant backup protection on every phase
- 20-year no-nonsense warranty
- The 80XT-220Y model is 5-wire (3 ph, N, & G)

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Specifications

Model 80XT-220Y

Multi-purpose CAT C,B,A Surge Protection

Surge Current/Phase (8/20 μ s): 1 Event - 80kA
Surge Life/Phase (8/20 μ s): 20,000 Events: 3kA, 2,000 events 10kA
Status Indicators: Green LED
Modes of Protection: L-N, L-G, L-L, N-G
In: 20kA
Uc: 390VAC (site dependent)
Up: 1200V
SCCR: 200kA
Self-diagnostics: Every MOV monitored 24/7
Response time: < 1 nanosecond
Redundancy (Backup): 2 dedicated protection paths per phase
Neutral to Ground Protection: standard in every unit
Joule rating: 17,920 J
Relative Humidity: 0-95% non-condensing
Operating Altitude: 13,000ft. (4000m)
Temp. (Operating/Storage): -40° to +70°C/-40° to +85°C
Enclosure: NEMA 1, steel
Dimensions: 8" x 6.5" x 2.38" (203 x 165 x 60.5mm)
Mounting: 7.25" x 5.0" / .31" ID
4 holes (0.218"/5.5mm) dia.
Cable Connection: #12 AWG cable/#10 AWG cable
Cable Length: 3ft. (914mm)
Weight: 4 lbs. (1.8kg)
Build design: UL 1449 4th Edition
Other standards: C62.41-1-2002, C62.45-2002,
ISO 9001-2015, CE, IEC 61643-11