

T2 AC Noise Filter & Surge Protective Device 50kA per Phase

Finger Safe Terminal Block AC Noise Filter & Surge Protective Device 25kA/Mode, 50kA/Phase



This is the T2 AC Noise Filter and Surge Protective Device. The SPD has a 50kA per Phase surge current capacity.

This filter has a 5.75" x 3.25" x 1.875" enclosure with integrated external mounting flanges. The terminal blocks on this model are internal, offering a finger safe installation and reduction of electrical exposure to unintended contact.

The T2 Filter offers status indication with a single LED; when illuminated, it indicates the unit is operational.

This filter has a multi-stage hybrid design. The noise mitigation and surge protective stages work in a coordinated array that allows disruptive impulses that would bypass a standard clamping device to be attenuated. The T2 uses advanced Thermally Protected Metal Oxide Varistors, inductors, and capacitors, which allows this device to achieve a more comprehensive protection of sensitive equipment in demanding applications.

High-frequency noise and ringing transients generated by lightning, utility switching, or an internal operation can significantly impact your sensitive equipment. These power anomalies can easily disrupt your critical processes or degrade and damage sensitive microprocessor-driven equipment.

Low-energy transients and high-frequency noise events are responsible for both disruption and long-term degradation of sensitive microprocessor driven equipment. A complete power protection strategy should include installation of a high frequency noise/surge filter at the input of your most critical equipment as well as at the output of known disruptive devices.

This filter has 18-10AWG terminal connections.

Key Specs:

- **Operating Voltage:** 120, 240, or 277 VAC
- **Operating Current:** 5, 10, 15, 20, 30 Amps
- **EMI Attenuation**
- **Surge Capacity:**
25kA/mode, 50kA/Phase
- **Connection:** Series; Terminal Block

Features:

- **Multi-stage hybrid design;** Inductor, Capacitor, Thermally Protected MOV
- **LED Status Indication:** Monitors all protected modes
- **Finger Safe** Internal Terminal Blocks
- **5 year warranty**

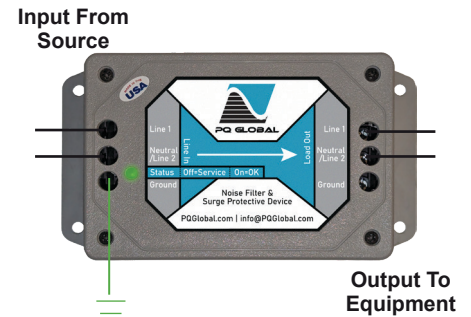
Rev 25.09.23-1.1



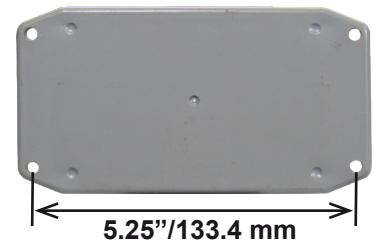
T2 AC Noise Filter & Surge Protective Device 50kA per Phase

General Technical Specifications	
Operating Voltage	120, 240, or 277 VAC
Maximum Operating Current	5A, 10A, 15A, 20A & 30A
Maximum Continuous Operating Voltage (MCOV)	120V, 150 VAC; 125% 240V, 320 VAC; 115% 277V, 320 VAC; 115%
Peak Surge Current Rating	25 kA/Mode, 50 kA/Phase
Connection Type	Series, Input/Output; 18-10AWG Terminal Connections
Clamping Voltage	340 VAC
Operating Frequency Range	47 - 63 Hz
EMI Attenuation	Up to 70 dB typical from 25kHz to 2MegHz
Protection Modes	All Connected Modes: L-N, L-G, N-G
Technology	Hybrid technology featuring thermally protected MOVs, Inductors and Capacitors
Standards: Designed and tested to:	UL 1449 4th Edition Recognized SPD, Type 2 Component Assembly, CSA 22.2, UL 1283 Rec. Filter
Status Indication	Green LED
Dimensions (in/mm)	1.875"(H) x 3.25" (W) x 5.75" (L) (47.6 x 82.6 x 146.1 mm)
Weight (lb/kg)	12 oz (.34 kg)
Operating Temperature	-40°C to +85°C
Operating Humidity	0% to 95% non-condensing
Warranty	5 Years

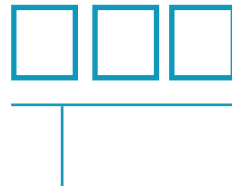
Wiring Connections



Mounting

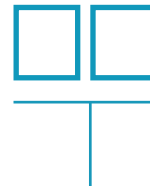


T2F



Voltage & Phase Configuration Code

120 = 120V Single Phase (2W+G)
240 = 240V Single Phase (2W+G)



Load Capacity

05 = 5 Amps
10 = 10 Amps
15 = 15 Amps
20 = 20 Amps
30 = 30 Amps



Connection Type

T - Terminal Block

