

EP-2700 HIGH FREQUENCY FILTER



The **EP-2700** is a constantly-on high frequency noise filter. This filter complements the **EP-2000** by supplying additional filtration to environments where there is a high level of high frequency noise pollution.

THE EP-2700:

- Has a greater than -30 dB reduction from 5 kHz to 2 MHz
- Has a maximum attenuation of greater than -40 dB from 45 kHz to 250 kHz
- Absorbs and dissipates energy within the unit. Energy is not shunted to the ground. Case ground only.
- This unit will not work on the output of a VFD; it will attenuate the control frequency.

EP-2700 GENERAL SPECIFICATIONS

CIRCUIT DESCRIPTION	Internal Circuit Breaker	a	High Frequency Filter	a	Dissipative Absorber	(Parallel Operated)
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OPERATING FREQUENCY

45 - 65 Hz

FREQUENCY ATTENUATION

-30 dB reduction from 5 kHz to 2 MHz

SAFETY RATINGS

Fire Rating 94V-0

OPERATING ENVIRONMENT

Approximately -25° C to 65° C

APPLICATION ENVIRONMENT

Subpanel Distribution, PLC Protection, Buss Plug, Machine Feed, VFD Input Power (Must be used in combination with either EP-2000 or EP-2500)

COMPLIANCE

NEMA LS-1, Electrical Notice 516

CONNECTION

Wire leads Size: 14 AWG Length: 3'

DIMENSIONS & WEIGHT

Three-Phase: Length: 6.25" Width: 6.25" Height: 4" Weight: 8 lbs.
Mounting Plate: 8.25 x 6.25 x .25"

Single-Phase: Length: 4.75" Width: 4.75" Height: 3.75" Weight: 5 lbs.
Mounting Plate: 6.75 x 4.75 x .25"

MATERIALS

Aluminum Housing, 14 ga 600 V rated Wire.

Circuit encapsulated in epoxy to retain integrity of circuitry in failure mode.

ACCESSORIES

Red LED Indicator Lights = Failure Mode

EP-2700 PRODUCT LIST

VOLTAGE	CONFIGURATION	PRODUCT NUMBER
≤ 277 V	(1) Wye	EP270011
	(2) Delta	EP270012
	(4) Wye	EP270014
	(5) Single Line	EP270015
278 - 480 V	(1) Wye	EP270021
	(2) Delta	EP270022