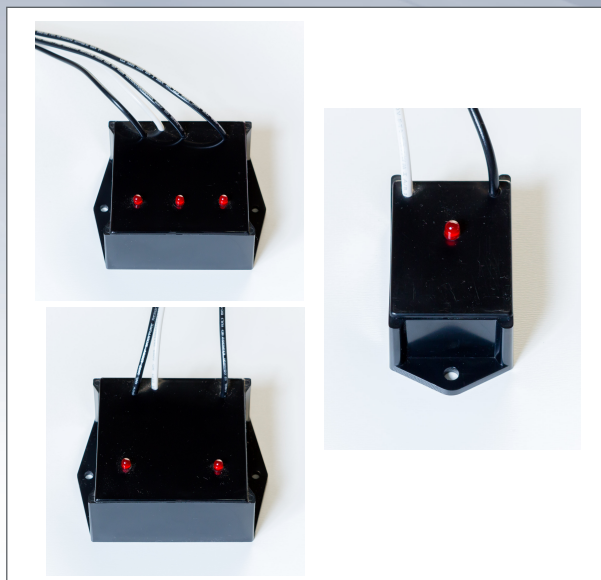


EP-OEM FILTERS: EVERY OTHER ELECTRICAL LOADS



The **EP-OEM** is the industry's most advanced power quality solution available. The patented circuit of the **EP-OEM** can integrate into any electrical load's input power supply, uses innovative technology to increase the efficiency of an electrical distribution system, protecting the connected equipment that drives your process, from home automation to industrial robotics - and everything in between.

Typical Applications:

- Control systems, PLCs
- VFD's, Inverters, UPS, PDU's
- Lighting Drivers (LEDs, fluorescent, sodium vapor, mercury etc)
- Pretty much any load that needs protection and performance

EP-OEM will have all the features of regular EP-2000

EP-OEM GENERAL SPECIFICATIONS

OPERATING FREQUENCY

45 - 65 Hz

FREQUENCY ATTENUATION

-20 dB/decade roll-off starting at 2.5 kHz

MAX SURGE CURRENT

12.5 kA per mode

MCOV

20% above rated voltage

SAFETY APPROVALS

Circuit board is designed to meet:

UL 1449 4th Edition Type 2 SPD

CSA std. c22.2 No. 8-2013 Ed 5

SAFETY RATINGS

Fire Rating 94V-0

OPERATING ENVIRONMENT

Approximately -25° C to 65° C

RESPONSE TIME

Primary Response Time: Instantaneous Key Event Time: Approx.

1 Nanosecond

COMPLIANCE

NEMA LS-1, NEC Surge Suppression Standards, Electrical Notice 516

CONNECTION

Wire leads. Size: 14 AWG Length: 6 inch

MATERIALS

Plastic Housing, LED Indicator Lamps, 14 AWG 600 V rated Wire.

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

ACCESSORIES

Amber LED indicates active phase

EP-OEM PRODUCT ORDERING GUIDELINES

MODEL NUMBER

EP-OEM

Series

3Y208

Voltage Configuration

ID#

VOLTAGE CONFIGURATIONS

SYSTEM VOLTAGE	PROTECT MODE	SYSTEM CONFIG	VOLTAGE ID#	OEM SIZE
Single Leg 120	L-N	2 Wire	1L120	1.5" x 2.0"
Single Leg 240	L-N	2 Wire	1L240	1.5" x 2.0"
Single Leg 277	L-N	2 Wire	1L277	1.5" x 2.0"
Single Leg 480	L-N	2 Wire	1L480	2.0" x 2.0"
Single Phase 120/240	L-N / L-L	3 Wire	1S240	3.0" x 3.0"
3 Phase 120/208	L-N / L-L	4 Wire	3Y208	3" x 3" or EP-HPF
3 Phase 277/480	L-N / L-L	4 Wire	3Y480	3" x 3" or EP-HPF
3 Phase 240	L-N / L-L	3 Wire	3D240	3" x 3" or EP-HPF
3 Phase 480	L-N / L-L	3 Wire	3D480	3" x 3" or EP-HPF
DC	+ to -	2 Wire	Check with us	