

# EFC-2500 WAVEFORM CORRECTOR PROTECTION



The EFC-2500 is the industry's most advanced power quality solution available. The patented circuit of the EFC-2500 uses innovative technology to minimize the erratic behavior of sensitive electronic devices, protect the connected equipment, from lighting to motors.

## THE EFC-2500:

ABSORBS, DISSIPATES & REMOVES  
with increased capacity

- Transient voltage surges and spikes
- Frequency Noise Between 3kHz-1MHz
- Ring waves

DOES NOT SHUNT ENERGY TO GROUND.

The facility ground is not relied on for performance or survivability.

## EFC-2500 GENERAL SPECIFICATIONS

### OPERATING FREQUENCY

45 - 65 Hz

### FREQUENCY ATTENUATION

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

### MAX SURGE CURRENT

80 kA per mode

### MCOV

20% above rated voltage

### SAFETY APPROVALS

UL 1449 4<sup>th</sup> 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: 10 AWG Length: 3'

### MATERIALS

Aluminum Housing, LED Indicator Lamps, 10 AWG 600V rated Wire.

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

### ACCESSORIES

Amber LED indicates active phase

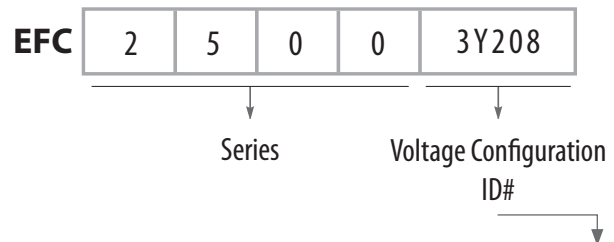
### DIMENSIONS & WEIGHT

Diameter: 6.375" Depth: 3.85" Weight: 6 lbs.

Compact for easy installation.

## EFC-2500 PRODUCT ORDERING GUIDELINES

### MODEL NUMBER



### VOLTAGE CONFIGURATIONS

SYSTEM VOLTAGE	PROTECT MODE	VPR	SYSTEM	VOLTAGE ID#
Single Phase 120/240	L-N L-L	700 1000	3 Wire + G	1S240
Single Leg 120V	L-N	700	2 Wire + G	1L120
Single Leg 240V	L-N	1000	2 Wire + G	1L240
3 Phase 120/208	L-N L-L	700 1000	4 Wire + G	3Y208
3 Phase 277/480	L-N L-L	1200 1800	4 Wire + G	3Y480
3 Phase 480V	L-L	1800	3 Wire + G	3D480