

# EFC-2000 WAVEFORM CORRECTOR: P.O.E. PROTECTION



The **EFC-2000** is the industry's most advanced power quality solution available. The patented circuit of the **EFC-2000** 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.

## THE EFC-2000:

### ABSORBS, DISSIPATES & REMOVES

- 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-2000 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

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: 14 AWG Length: 3'

### MATERIALS

Aluminum 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

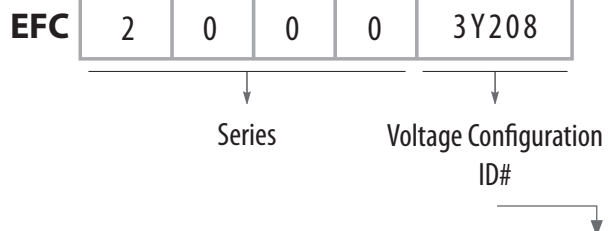
### DIMENSIONS & WEIGHT

Diameter: 4.34" Depth: 3.35" Weight: 3 lbs.

Compact for easy installation.

### EFC-2000 PRODUCT ORDERING GUIDELINE

#### MODEL NUMBER



#### VOLTAGE CONFIGURATIONS

SYSTEM VOLTAGE	PROTECT MODE	VPR	SYSTEM CONFIGURATION	VOLTAGE ID#
Single Phase 120/240	L-N	400	3 Wire + G	1S240
	L-L	800		
Single Leg 120V	L-N	400	2 Wire + G	1L120
	L-L	800		
Single Leg 240V	L-N	800	2 Wire + G	1L240
	L-L	800		
3 Phase 120/208	L-N	400	4 Wire + G	3Y208
	L-L	800		
3 Phase 277/480	L-N	1000	4 Wire + G	3Y480
	L-L	1800		
3 Phase 480V	L-N	1800	3 Wire + G	3D480
	L-L	1800		