

# WAVEFORM CORRECTOR FOR DIN RAIL APPLICATIONS



Finally the industry's most powerful filter is available in a convenient din rail enclosure. The **EFC-2000 DIN** offers waveform correction technology for all din rail applications. This provides filtration, waveform correction for other din rail technologies such as motor controls, conveyor control applications and PLC's. The DIN unit is available in 120V & 240V AC and 12V & 24V DC.

## THE EFC-2000 DIN:

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 DIN 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

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

Screw Terminals; Max Wire Size 12 AWG

### MATERIALS

LED Indicator Lamp

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

### ACCESSORIES

Green LED indicates active phase

### DIMENSIONS & WEIGHT

Length: 86 mm Width: 35 mm

## EFC-2000 DIN PRODUCT ORDERING

### GUIDELINES MODEL NUMBER

EFC-2000 DIN



### VOLTAGE CONFIGURATIONS

SYSTEM VOLTAGE	PROTECT MODE	VPR	SYSTEM CONFIGURATION	VOLTAGE ID#
Single Leg 120V	L-N	400	2 Wire + G	1L120
Single Leg 240V	L-N	800	2 Wire + G	1L240