

# EP-2800 SERIES WAVEFORM CORRECTOR



## THE EP-2800 FEATURES AND BENEFITS:

- Provides 80kA to 640kA per mode single-pulse surge current
- Integrated Dissipation Technology. Energy is absorbed and dissipated within the unit, not shunted to the ground
- Active Sine Wave tracking filter
- No additive harmonic distortion
- Patented technology of the 2800B module provides industry-superior filter performance
- Reacts to transient in nanoseconds
- Status LED Indicators
- Top and Bottom feed
- 10 -Year Warranty

## EP-2800 GENERAL SPECIFICATIONS

**MAX SURGE CURRENT RATING:** 640kA per mode  
**REPETITIVE SURGE CURRENT RATING:** 5000 impulses using IEEE C62.41  
**PRODUCT DESIGN:** Patented waveform correction technology and fused MOV in a convenient parallel design  
**OPERATING FREQUENCY:** 45 - 65 Hz  
**WARRANTY:** 10 Years  
**LISTING:** UL 1449 3<sup>rd</sup> Edition Type 1 & Type 2 SPD  
CSA Standards Class 9091 01 & 9091 81; CSA std. c22.2 No. 8-M1986  
**SAFETY:** Fire Rating 94V-0  
**COMPLIANCE:** NEMA LS-1, NEC Surge Suppression Standards, Electrical Notice 516

## EP-2800 ELECTRICAL SPECIFICATIONS

**CONNECTION METHOD:** Parallel  
**PROTECTION MODES:** L-N, L-L  
**CONTRACTOR SUPPLIED WIRE:** 00 AWG Wire  
**INTEGRATED FUSEABLE DISCONNECT:** 600VAC, 200kA I.R.  
**STATUS INDICATORS:** Local and Remote LED  
**EMI/RFI FILTER ATTENUATION:** MIL Standard 220B

The **EP-2820** can hold up to two modules plus ground filter. Two base module provides 160kA protection.

The **EP-2840** can hold up to four modules plus ground filter. Four base module provides 320kA protection.

The **EP-2880** can hold up to eight modules plus ground filter. Eight base module provides 640kA protection.

## EP-2800B MODULE

- 80kA single impulse surge current
- Integrated filter with sine wave tracking
- Integrated dissipation technology

## EP-2800F MODULE

- Patented technology provides industry-superior filter performance
- Protected by mandatory base module for consistent filtering
- Integrated dissipation technology