

EFC-2800 SERIES WAVEFORM CORRECTOR



THE EFC-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

EFC-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 TMOV in a convenient parallel design
OPERATING FREQUENCY: 45 - 65 Hz
WARRANTY: 10 Years
LISTING: UL 1449 4th Edition Type 1 & Type 2 SPD
CSA std. c22.2 No. 8-2013 Ed 5
SAFETY: Fire Rating 94V-0
COMPLIANCE: NEMA LS-1, NEC Surge Suppression Standards, UL 96 A

EFC-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 **EFC-2820** can hold up to two modules. Two base modules provide 160kA protection.

The **EFC-2840** can hold up to four modules.

Four base modules provide 320kA protection.

The **EFC-2880** can hold up to eight modules.

Eight base modules provide 640kA protection.

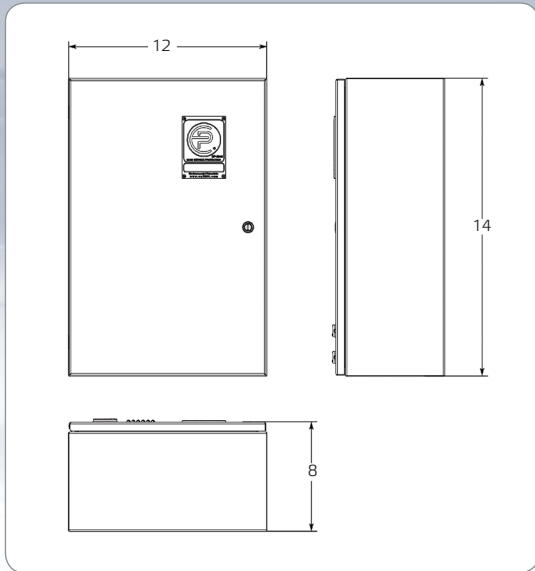
EFC-2800B MODULE

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

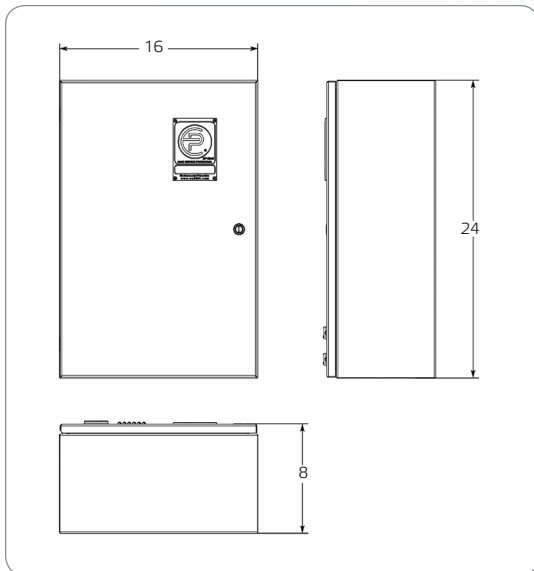
EFC-2800F MODULE

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

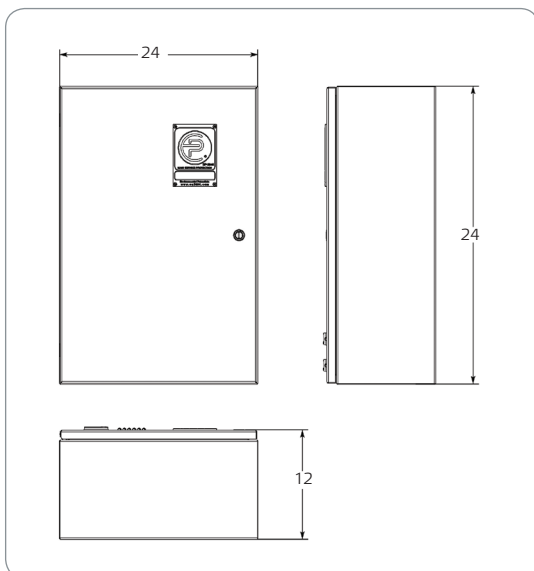
2820



2840



2880

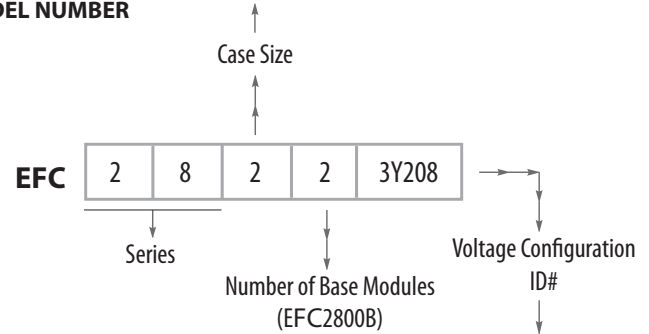


EFC-2800 SERIES PRODUCT ORDERING GUIDELINES

CASE SIZE REFERENCE

EFC-2820: 14x12x8
 EFC-2840: 24x16x8
 EFC-2880: 24x24x12

MODEL NUMBER



VOLTAGE CONFIGURATIONS

SYSTEM VOLTAGE	PROTECT MODE	VPR	SYSTEM CONFIGURATION	VOLTAGE ID#
Single Phase 120/240	L-N L-L	700 1000	3 Wire + G	1S240
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 347/600	L-N L-L	1200 2500	4 Wire + G	3Y600
3 Phase 480V	L-L	1800	3 Wire + G	3D480
3 Phase 600V	L-L	2500	3 Wire + G	3D600

MECHANICAL SPECIFICATIONS

DIMENSIONS	12 x 14 x 8 inch 30.5 x 35.6 x 20.3 cm
STANDARD WEIGHT	24 lbs. / 10.89 Kg
MAXIMUM WEIGHT	30 lbs. / 13.61 Kg
ENCLOSURE	NEMA 4, 12, 13
OPERATING TEMPERATURE	-40F to 140F -40C to +60C
NON-CONDENSING HUMIDITY	5% to 95%

*Other voltages and configurations available upon request