



FACILITY PRO™ (FP-200, FP-400)

Superior Transient Voltage Surge Suppression

Reliable

Handles currents up to 400,000 amps per phase, depending on model

Versatile

Ideal for almost any service entrance or distribution panel application

Rugged

Durable construction ensures optimal performance

Effective

Fast clamping time and low let-through, even during high-current impulses

Lightning induced transients and other power anomalies can easily destroy or degrade unprotected electronics and computer systems. The costs of downtime and equipment replacement can be substantial.

The Facility Pro series of surge suppressors from *Lightning Eliminators* provides state of the art protection for all your subpanel and service entrance applications (IEEE Class B & C).

Designed for industrial and commercial use, the Facility Pro is available with a peak surge capacity of 200,000 or 400,000 amps per phase, depending on model.

With high-current handling capabilities and near instantaneous clamping, the Facility Pro is the ideal choice to protect your sensitive electronics from lightning transients and other dangerous surges.

Ensuring proper surge suppression is critical to uninterrupted operations and serves as a building block to complete lightning protection.



Optional Features

- NEMA 3R/4 Outdoor Enclosure
- Fused Disconnect
- Filtering per UL 1283 (EMI/RFI)
- Remote Alarm (Battery or AC Power)
- Flush Mount Plate





Facility Pro Specifications

	FP-200	FP-400
Electrical		
Available Voltages	120/240-Split, 120/208-3Y, 220/380-3Y, 240/415-3Y, 277/480-3Y, 240-3D, 480-3D, 120/240-3CPGD	120/240-Split, 120/208-3Y, 220/380-3Y, 240/415-3Y, 277/480-3Y, 240-3D, 480-3D, 120/240-3CPGD
Frequency Range (Hz)	50/60	50/60
Nominal RMS Load Current per Phase	Unlimited	Unlimited
Protection Modes	Normal: L-N, L-L Common: L-G, N-G	Normal: L-N, L-L Common: L-G, N-G
Mechanical		
Weight	25.4 lbs / 11.5 kg	26.5 lbs / 12.0 kg
Enclosure Type	NEMA 1 Standard NEMA 3R/4 Optional	NEMA 1 Standard NEMA 3R/4 Optional
Enclosure Dimensions (without disconnect)	17.5"H x 14"W x 5.5"D	17.5"H x 14"W x 5.5"D
Environmental		
Operating Temperature	-40° C to 85° C	-40° C to 85° C
Operating Humidity	95% RH (non-condensing)	95% RH (non-condensing)
Performance		
Max. Surge Current per mode	L-N 100kA, N-G 100kA, L-L 200kA, L-G 100kA (L-G 200kA for Delta units)	L-N 200kA, N-G 200kA, L-L 400kA, L-G 200kA (L-G 400kA for Delta units)
Max. Surge Current per phase	200,000 amps	400,000 amps
Maximum EMI/RFI Noise Attenuation 100 kHz through 100 MHz	-75 dB (filter optional)	-75 dB (filter optional)
Response Time	<1 nanosecond	<1 nanosecond
Warranty	10 years	10 years

Voltage Protection Ratings (VPR) - UL 1449 3rd Edition Listed

Operating Voltage	UL VPR (volts)	Limiting Voltage	
		@ 3kA	@ 10kA
120/240-Split, 120/208-3Y, 120/240-3CPGD	800	416	528
220/380-3Y, 240/415-3Y, 277/480-3Y	1200	776	904
240-3D	1200	832	1056
480-3D	1600	1552	1800

Consulting & Technical Support

We are a full-service firm aligned to solve your most complex challenges in surge suppression, grounding, and lightning protection. Call us today at **+1 (303) 447-2828** to learn how our solutions can maximize your operation's potential.