

LIGHTNING ELIMINATORS

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FGB-200

Panel Mounted Surge Protection for All Electrical Services

Reliable

- Surge capacity up to 200,000 amps per phase with AC sinewave tracking filter and EMI/RFI filtering
- Individually Fused & Thermally Protected MOVs

UL Type 2 SPD

A variety of voltages and configurations make the Facility Guard Basic 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.

Diagnostic Monitoring

- Audible alarm
- Form C relay contacts
- Green LED status indicator per phase

Optional Accessories

- Remote Monitoring Device
- Flush Mount Kit



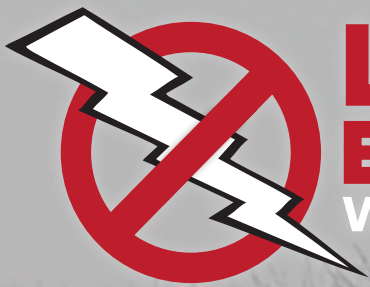
Lightning induced transients and other power anomalies can easily destroy or degrade unprotected electronics and computer systems. The costs of downtime and equipment replacement can be substantial. The Facility Guard Basic surge protectors from Lightning Eliminators provide state-of-the-art protection for all your subpanel and service entrance applications (IEEE Class B & C).

Designed for industrial and commercial use, the Facility Guard Basic is available with a peak surge capacity of 200,000 amps per phase. Ensuring proper surge protection is critical to uninterrupted operations and serves as a building block to complete lightning protection.

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

The FGB200 is an excellent option in a mid-range surge protection device (SPD) that provides high surge current capabilities at a low cost. The FGB has standard indicator lights, audible alarm and relay that constantly monitor the status of the internal surge protection modules. These LEDs provide the end-user a visual indication of the FGB's internal module status. Remote monitoring is available on the FGB product.





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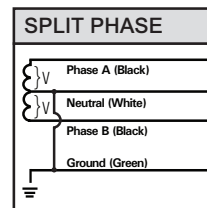
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Specifications

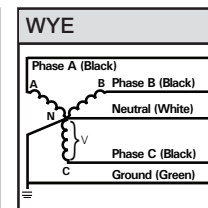
	FGB-200
Frequency Range (Hz)	47-63
Protection Modes	L-N, L-L, L-G, N-G
Weight	5 lbs / 2.3 kg
Enclosure Type	NEMA 4X - UL 746C(f1) & UL 94-5VA
Enclosure Dimensions	6"H x 6"W x 4"D
Operating Temperature	-25° C (-15° F) to +60° C (140° F)
Operating Humidity	0 - 95% (non-condensing)
Max. Surge Current per phase	200,000 amps
Noise Attenuation	-50dB from 10kHz to 100MHz
Response Time	<1 nanosecond
Warranty	10 years

UL 1449 Performance Data	L-N	L-G	N-G	L-L	I _n	SCCR	MCOV
120/240 Split Phase	700	700	700	1200	20kA	100kA	150
120/208Y 3Ø Wye	800	700	700	1200	20kA	200kA	150
120/240Y B High Leg Delta	800/1200	700/1200	700	1200/1800	20kA	200kA	150/320
277/480Y 3Ø Wye	1200	1200	1200	2000	20kA	200kA	320
480V 3Ø Delta	N/A	1800	N/A	1800	20kA	200kA	550
347/600Y 3Ø Wye	1500	1500	1500	2500	20kA	200kA	420

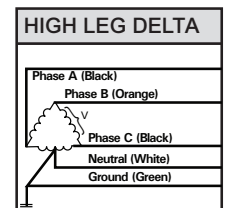
Model No.	System Voltage & Configuration
FGB200-240-3DA2	240V Delta three phase
FGB200-480-3DA2	480V Delta three phase
FGB200-240/415YA2	415Y/240V three phase
FGB200-120/208YA2	120/208Y 3 phase
FGB200-120/240SA2	240/120V split phase
FGB200-277/480YA2	480Y/277V three phase
FGB200-120/240HA2	120/240 Hi Leg Delta



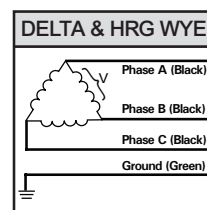
2 Phases, 1 Neutral,
1 Ground



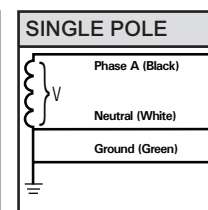
3 Phases, 1 Neutral,
1 Ground



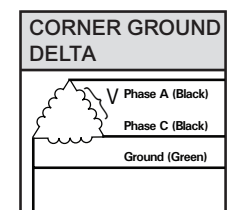
(B High) 3 Phases,
(B High) 1 Neutral,
1 Ground



3 Phases, 1 Ground



1 Phase, 1 Neutral,
1 Ground



(B grounded)
2 Phases, 1 Ground