



# PECO II®

6 Load, 500/600 Amps Per Load

## 5069 BDFB



- ▶ Fuse and circuit breaker distribution – TPC, TPW, TPS and TPL type fuses; plug-in style breakers
- ▶ Up to six load centers are available – 500/600 Amps maximum each, 3000/3600 Amps for entire BDFB (when 6 distributions are used)
- ▶ Redundant alarming – Power is continuously provided to the alarm circuits until the last bus no longer has power available
- ▶ Digital metering of all load centers



## ■ ■ PRODUCT DESCRIPTION

The 5069 is one of many PECO II distribution products engineered to allow for initial and future cabling requirements. The overall system is designed to allow easy connection to the individual bus bars, fuses or circuit breakers on each distribution panel.

Each frame can be equipped with up to 6 distribution panels for a maximum plant rating of 3000/3600 Amps total distribution. Fuses are available with ratings up to 250 Amps and circuit breakers are available in ratings up to 150 Amps. The 5069 is easily configured to provide A and B or A, B, C, D, E, and F distribution in a variety of configurations. The 5069 can be configured in the field from a 2 Load to a 4 or 6 load by installation personnel. Each BDFB has a fully welded cabinet with tie bars on each side for cable management, and is configured to facilitate top or bottom cabling. Consult PECO II for further information on BDFB configurations and companion DC power plants available.

## ■ ■ SPECIFICATIONS

### CURRENT

Per Load 500/600A

### DOCUMENTATION

Product Manual 4385069P-1PD

J Drawing J4385069P-1

### MECHANICAL

Dimensions 84"H x 15"D x 26"W

### CABLING

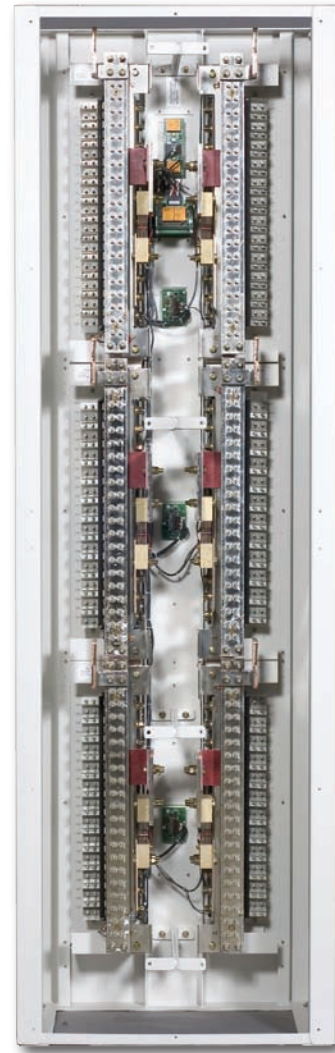
Input Cable Size 500 kcmil maximum

Input Lug Size 3/8" on 1" (2 sets per load)

Output Cable Size 2 AWG maximum

Output Lug Size 1/4" on 5/8"

## ■ ■ REAR VIEW OF 5069



## ■ ■ EXTENDED ALARMS

- ▶ The bay alarm panel extends an FA alarm if a protection device trips, blows, or otherwise fails. Visual notification of alarm is also provided via an LED. A power loss alarm is also extended from the BDFB.