



# PECO II®

6 Load, 1000 Amps Per Load

## 5069HC BDFB/BDCBB



- ▶ **1000 Amp load centers** – From one to six panels with a capacity from 1000 to 6000 Amps per bay
- ▶ **High capacity distribution** – Up to 6 loads with 144 single slot positions designed for 1-125 Amp fuses or 2-100 Amp CB's; double slot receptacles can support up to 250 Amp positions
- ▶ **Fuse and circuit breaker distribution** – Bullet style TPC, TPW, TPS, and TLS type fuses; plug-in style breakers, single, double and triple pole versions available with a maximum of 144 positions
- ▶ **Modular design** – Allows for factory or field configured panels for scalable growth and reduced first costs
- ▶ **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** – Discretionary selector switch allows for viewing of current and voltage for each load center



## ■ ■ PRODUCT DESCRIPTION

The 5069HC is a high capacity DC distribution product designed to serve offices with concentrated large loads, such as IP routers or optical multiplexers. The 5069HC provides 1000 to 6000 Amp requirements all within the same foot print. Utilizing bullet-style receptacles, output circuits of 1-250 Amps can be added as needed without tools. This highly versatile product can be equipped with as few as two and as many as six distribution panels allowing the user to lower the implementation costs of the initial and future installation visits. Additionally, the 5069HC can be purchased or field wired from a 2 to 4 or 6 load bay. Fully rated at 1000 Amps per load, the 5069HC provides industry leading capacity designed to support existing and future DC requirements.

- ▶ Distribution options are user defined based on the requirement; single, double and triple pole circuit protectors can be combined in any of the distribution panels
- ▶ The 84"H x 15"D x 26"W foot print allows for discretionary placement designed to meet most any equipment aisle arrangement
- ▶ The meter panel allows the user to select and view both current and voltage of each distribution load. Additionally, test jacks on the meter panel provide for greater detail and diagnostics
- ▶ The bay alarm panel extends an FA alarm if a protection device trips, blows, or otherwise fails. Visual notification of alarm(s) is provided via an LED. A power loss alarm is also extended from the BDFB.

## ■ ■ SPECIFICATIONS

### CURRENT

<b>Maximum Load</b>	6000A
<b>Per Load</b>	1000A
<b>Load Complement</b>	2,4 or 6

### DISTRIBUTION OUTPUT SELECTION

Type	Size	Positions
TLS	1-125A	1
TPW	150-250A	2
TPC	3-125A	1
Elec. Trip Breakers	2-100	1
Elec. Trip Breakers	125-150	2
Elec. Trip Breakers	200-250	3

### DOCUMENTATION

<b>Product Manual</b>	4385069P-1PD
<b>J Drawing</b>	J4385069P-1

### MECHANICAL

<b>Dimensions</b>	84"H x 15"D x 26"W
<b>Weight</b>	444 lbs.
<b>Battery Return</b>	External Only

### ENVIRONMENTAL

<b>Heat Dissipation</b>	7155 BTU/hr
<b>Operating Temperature</b>	-5°C to 50°C (+23°F to 122°F)

### CABLING

<b>Input Cable Size</b>	4 – 750 kcmil maximum per load 4 – 500 kcmil maximum per load 4 – 350 kcmil maximum per load 8 – 4/0 flex maximum per load
<b>Input Hole Spacing</b>	3/8" on 1" (4 sets per load)
<b>Output Cable Size</b>	4/0 maximum (with adapter plates)

Output Lug Size	Type Position	Terminations
1/4" on 5/8" center on terminal block	TLS, TPC, Breakers; 2-100	1- Cables 2/0 Standard
1/4" on 5/8" center on termination plate	TPW; 2 & 3 Pole breakers	1 – 4/0 Flex maximum

### SAFETY AND COMPLIANCE

<b>UL Listings</b>	UL60950, UL198L, UL489
<b>NEBS Certification</b>	GR1089, GR63
<b>Seismic Rating</b>	Zone 4

All Ratings are based on a fully equipped, 6 panel BDFB/BDCBB

## ■ ■ REAR VIEW OF 5069HC

