PECO II ®

5068 BDFB

◗ Circuit breaker and fuse distribution - Plug-in and bolt-in circuit breakers or TPS type fuses

◗ Available in three heights - 7'0", 9'0", & 11'6"

◗ Top or bottom cabling

◗ Digital metering of all load centers

◗ 600 Amp load shunts

UL   NTS®

■ ■ PRODUCT DESCRIPTION

The PECO II 5068 BDFB reflects many years of working with installers and maintenance engineers, resulting in a family of distribution products that address the needs of initial and future cabling. These BDFBs provide a way to redistribute large power feeds (up to 500 Amps) to the load with multiple smaller, protected circuits. TPS fuses are available with ratings up to 70 Amps, TPL fuses with ratings up to 250 Amps, and circuit breakers are available with ratings up to 150 Amps. Isolated internal or external load return bars are used in each BDFB. The BDFBs are configured to support either top or bottom cabling, allowing the BDFB to be placed on a raised floor. The optional 6425068CMPK can provide load capacity alarms. Each 5068 utilizes a fully welded cabinet with tie bars on each side for cable management. Consult PECO II for further information on configurations and companion DC power plants.

■ ■ SPECIFICATIONS

CURRENT

Per Load	500A
Per BDFB / BDCBB	3000A

DOCUMENTATION

Product Manual	4385068PD
J Drawing	J4385068P

MECHANICAL

Dimensions	Refer to table below

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	¼" on 5/8"

DISTRIBUTION CIRCUIT PANELS

23" Circuit Breaker	Up to 24 breaker positions
19" Circuit Breaker	Up to 19 breaker positions
23" Fuse Panel	Up to 17 fuse positions
19" Fuse Panel	Up to 13 fuse positions

■ ■ REAR VIEW OF 5068

■ ■ DIMENSIONS

	LIST 1	LIST 2	LIST 3	LIST 130
Height	7' 0" (2133.6mm)	7' 0" (2133.6mm)	7' 0" (2133.6mm)	7' 0" (2133.6mm)
Width	30" (762mm)	30" (762mm)	34" (863.6mm)	40" (1016mm)
Depth	12" (304.8mm)	16" (406.4mm)	16" (406.4mm)	16" (406.4mm)

	LIST 4	LIST 5	LIST 6	LIST 131
Height	9' 0" (2743.2mm)	9' 0" (2743.2mm)	9' 0" (2743.2mm)	9' 0" (2743.2mm)
Width	30" (762mm)	30" (762mm)	34" (863.6mm)	40" (1016mm)
Depth	12" (304.8mm)	16" (406.4mm)	16" (406.4mm)	16" (406.4mm)

	LIST 7	LIST 8	LIST 9	LIST 132
Height	11' 6" (3535.7mm)	11' 6" (3535.7mm)	11' 6" (3535.7mm)	11' 6" (3535.7mm)
Width	30" (762mm)	30" (762mm)	34" (863.6mm)	40" (1016mm)
Depth	12" (304.8mm)	16" (406.4mm)	16" (406.4mm)	16" (406.4mm)

■ ■ 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.