

4 Load @ 500 Amp BDFB

PEC 5068



Front View



Rear View



- **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**
The BDFB may be wired from the top or bottom of the bay
- **Digital Metering of All Load Centers**
- **NEBS Level 3 Compliant**

Available Circuit Breaker and Fuse Sizes:

Plug-In Style Breakers	2 - 150 Amps
Bolt-In Style Breakers	1 - 100 Amps
TPS Cartridge Style Fuses	3 - 70 Amps

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. Fuses are available with ratings up to 70 Amps and circuit breakers are available with ratings up to 150 Amps. Isolated ground 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. Each 5068 utilizes a fully welded cabinet with tie bars on each side for cable management. PECO II's family of BDFBs are NEBS Level 3 compliant. Consult PECO II for further information on configurations and companion DC power plants.

Product Details

	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)
Mounting	19" (482.6mm)	19" (482.6mm)	23" (584.2mm)	23" (584.2mm)
	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)
Mounting	19" (482.6mm)	19" (482.6mm)	23" (584.2mm)	23" (584.2mm)
	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)
Mounting	19" (482.6mm)	19" (482.6mm)	23" (584.2mm)	23" (584.2mm)

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Electrical

Voltage Range	-48VDC
Current	Up to 500 Amps per load center. Up to 2000 Amps for the entire BDFB

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.

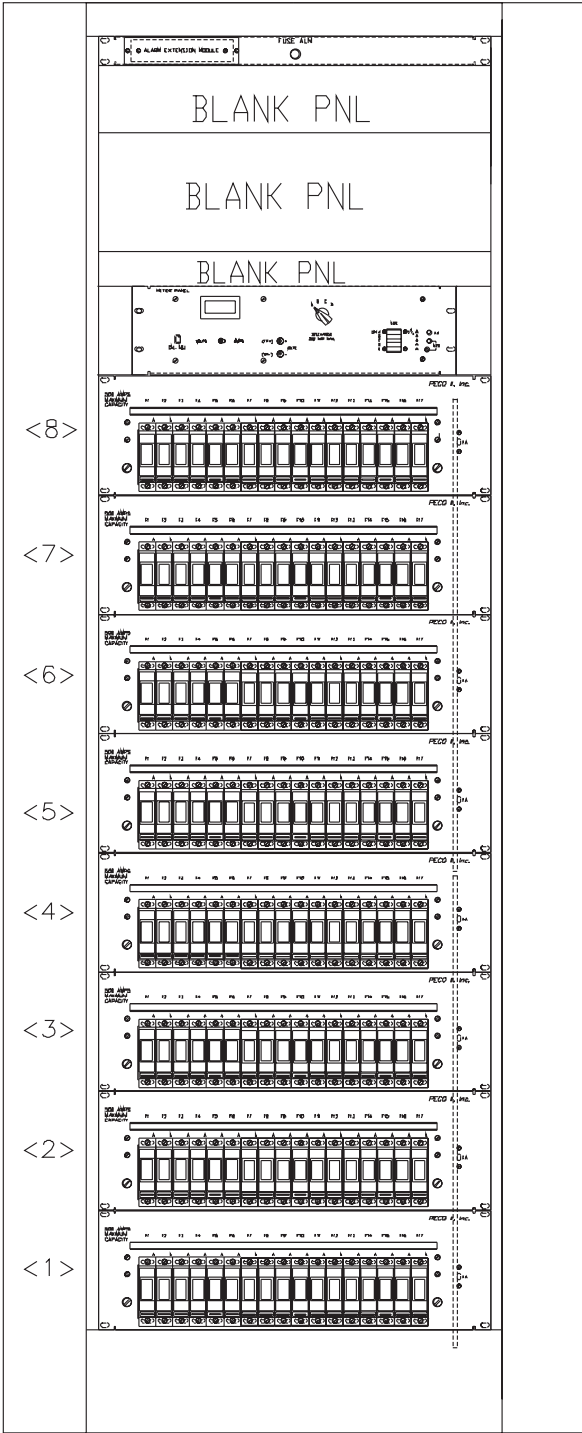
Options

List #	Description	PECO II Part Number
12	13-position fuse panel for 3-70 Amp fuses	.6170031P-1
13	17-position fuse panel for 3-70 Amp fuses	.6170031P
16	CB panel for 24 plug-in CBs	.6180543P
17	19" CB panel	.6180008P
18	23" CB panel	.6180010P
26 and 27	4-position blank panels, 19" and 23"	.4362280, 4362329
40 thru 46	Input bus assembly w/o shunt, 2-panel to 8-panel	.6190077P-1 thru P-7
47 thru 53	Input bus assembly w/ 50mV, 500 Amp shunt, 2-panel to 8-panel	.6190078P-1 thru P-7
54	Input bus extension	.6190079P
58	Internally mounted 2000 Amp ground bus, 19" x 12" D	.6190080P
59	Internally mounted 2000 Amp ground bus, 19" x 16" D	.6190081P
60	Internally mounted 2000 Amp ground bus, 23" x 16" D	.6190072P
62	Bottom feed 1200 Amp ground bus, 7'0" frame	.6190044P-1
63	Bottom feed 1200 Amp ground bus, 9'0" frame	.6190044P-2
64	Bottom feed 1200 Amp ground bus, 11'6" frame	.6190044P-3
70	Basic, 1200 Amp ground bus, 1/4" x 4" CU	.6190082P-1
71	Basic, 1800 Amp ground bus, 1/4" x 6" CU	.6190082P-2
73	Supplemental 1200 Amp ground bus, 1/4" x 4" CU, 1/4" x 5/8" mounting	.6190083P-1
74	Supplemental 1200 Amp ground bus, 1/4" x 4" CU, 3/8" x 1" mounting	.6190083P-2
76	Supplemental 1800 Amp ground bus, 1/4" x 6" CU, 1/4" x 5/8" mounting	.6190083P-3
77	Supplemental 1800 Amp ground bus, 1/4" x 6" CU, 3/8" x 1" mounting	.6190083P-4
80	Isolated ground assembly	.6190037P

For additional information or specifications, please visit us at our website www.peco2.com or call 800-999-PECO.

Line Drawing

Typical 5068 BDFB



Certifications:

