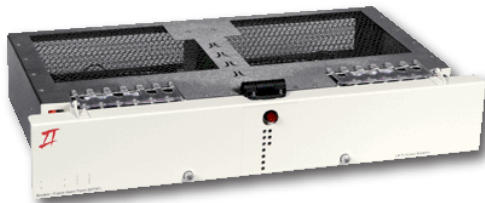# PECO II ®

Distribution Panels

AX-010221

AX-010503

AX-010223

AX-050301

◗ Available with alarmed circuit breakers or fuses

◗ Fuse panels can be equipped with GMT, KLM, Type-70, TPA, or a combination of fuses

◗ Panels mount in 19" or 23" relay racks, or system cabinets

◗ Every panel is put through an intense quality inspection and testing process

◗ CSA certified & CE compliant

■ ■ PRODUCT DESCRIPTION

The PECO II AX-Series of distribution panels are available as standard list panels. These panels provide just the right DC power distribution needed for a particular single feed or redundant feed application. Most panels operate at –48VDC, however +24VDC models are available. Distribution options include alarmed circuit breakers or fuses (GMT, KLM, Type 70 and TPA fuses, or a combination of fuse types). Two alarm board options are available to meet a variety of requirements including visual, audible, and remote notification. Most panels can be offset in the rack to align with existing equipment. Each panel is backed by a two-year warranty and same day advance replacement.

■ ■ SPECIFICATIONS

CURRENT

Fuse Panel Voltage	42- 60VDC positive ground (optional 21-30VDC, 42-60VDC negative ground)*
Circuit Breaker Voltage	42 - 60VDC positive or negative ground

ENVIRONMENTAL

Operating Ambient	-40°F to 131°F (-40°C to +55°C)

CABLING

Fuse Panel Input Term	Two hole lug, 5/8" on center, 1/4" studs, maximum 0.7 width
Fuse Panel Output Term	Screw type #6 ring or spade lug (AX-010202/222 screw terminal)
Circuit Breaker Input Term	Two hole lug, 5/8" on center, 1/4" studs
Circuit Breaker Output Term	Two hole lug, 5/8" on center, 1/4" studs (AX-050222 #6 screw)

MODEL NO.	FUSE POSITION PER A/B FEED	BUS RATING	TIE BAR	MOUNT	DIMENSIONS (H X W X L)	WEIGHT	NOTES
AX-121002	40 GMT	100A	N	19"/23"	1.75"x17.25"x10.5"	12 lbs.	Single Feed
AX-010101	4/4 KLM	100A	N	19"/23"	1.75"x17.25"x10.5"	13 lbs.	
AX-010102	5/5 KLM	100A	N	23"	1.75"x20.5"x10.5"	13 lbs.	
AX-010103*	6 KLM/2GMT	60A	N	19"/23"	3.5"x17.25"x12"	17 lbs.	Combination
AX-010201	10/10 GMT	60A	N	19"/23"	1.75"x17.25"x10.5"	12 lbs.	
AX-010202	20/20 GMT	100A	N	19"/23"	1.75"x17.25"x10.5"	13 lbs.	
AX-010203	10/10 GMT	60A	N	19"/23"	3.5"x17.25"x12"	15 lbs.	Front Access
AX-010204	20 GMT	60A	N	19"/23"	1.75"x17.25"x10.5"	14 lbs.	Single Feed
AX-010205	5/5 GMT	60A	N	19"/23"	1.75"x17.25"x10.5"	12 lbs.	
AX-010503*	4/4 TPA 10/10 GMT	160A	N	23"	3.5"x20.5"x10.5"	18 lbs.	Combination
AX-010505	2/2 KLM 4/4 GMT	100A	N	19"/23"	1.75"x17.25"x10.5"	12 lbs.	Combination
AX-010506	4/4 KLM 4/4 GMT	100A	N	19"/23"	1.75"x17.25"x10.5"	12 lbs.	Combination
AX-010507	2/2 KLM 10/10 GMT	100A	N	19"/23"	1.75"x17.25"x10.5"	12 lbs.	Combination
AX-050101*	7/7	200A	N	19"/23"	3.5"x17.5"x12"	21 lbs.	1-50 Amps
AX-050103*	14	400A	N	19"/23"	3.5"x17.5"x12"	21 lbs.	1-50 Amps

*Above panels are available with Alarm Board A.   *Denotes NEBS Pending*

MODEL NO.	FUSE POSITION PER A/B FEED	BUS RATING	TIE BAR	MOUNT	DIMENSIONS (H X W X L)	WEIGHT	NOTES
AX-010121	4/4 KLM	100A	Y	19"/23"	1.75"x17.25"x10.5"	13 lbs.	
AX-010221	10/10 GMT	60A	Y	19"/23"	1.75"x17.25"x10.5"	12 lbs.	
AX-010222	20/20 GMT	100A	Y	19"/23"	1.75"x17.25"x10.5"	13 lbs.	
AX-010223	10/10 GMT	60A	Y	19"/23"	3.5"x17.25"x12"	15 lbs.	Front Access
AX-010224	20 GMT	60A	Y	19"/23"	1.75"x17.25"x10.5"	14 lbs.	Single Feed
AX-010525	2/2 KLM 4/4 GMT	100A	Y	19"/23"	1.75"x17.25"x10.5"	13 lbs.	Combination
AX-010526	4/4 KLM 4/4 GMT	100A	Y	19"/23"	1.75"x17.25"x10.5"	13 lbs.	Combination
AX-010527	2/2 KLM 10/10 GMT	100A	Y	19"/23"	1.75"x17.25"x10.5"	14 lbs.	Combination
AX-050121*	7/7	200A	Y		3.5"x17.5"x12"	21 lbs.	1-50 Amps

*Above panels are available with Alarm Board B.   *Denotes NEBS Pending*

■ ■ ALARM BOARD OPTIONS

◗ **Alarm Board A** Provides status LED and wire wrap pins for alarm outputs. A blown fuse on either A or B will cause a front panel LED indication and provide three sets of form C contacts to extend the visual, audible, and remote alarms through the rear of the panel on wire wrap pins; labeled as NO (normally open), NC (normally closed), and C (common).

◗ **Alarm Board B** Provides four LEDs and wire wrap pins for alarm inputs and outputs. A blown fuse on either A or B will cause the green LED to go out and the red A or B "Fuse Fail" LED to turn on. It will also make the Major Alarm relay de-energize, causing the Major Alarm relay contacts to close. When the Major or Minor Alarm is extended to the input pins, the Major or Minor Alarm relay is de-energized. The Major or Minor relay contacts are closed, the green LED is off, and the amber "Aux Alarm" LED turns on.