



# Distribution Panels

Standard list or custom layouts available



- 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
- Full Line of Agency-Tested Panels
  - UL recognized
  - NEBS Level 3 compliant
  - CSA certified
  - CE compliant



## Product Description

The PECO II AX-Series of distribution panels are available as standard list panels or as custom designed units that are designed and built to meet customer's exact specifications. 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 other 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 from the front of the system they are mounted, in order to align with existing equipment. Each panel is backed by a two-year warranty and same day advance replacement.

## Specifications

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

## Environmental

Operating Ambient	-40°F to +131°F (-40°C to +55°C)
Storage Ambient	-40°F to +176°F (-40°C to +80°C)

\* Please contact PECO II for non -48VDC applications

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## 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.

### Ordering Guide for Fuse Panels:

\*Metric Conversion 1" = 25.4mm

MODEL NO.	FUSE POSITION PER A/B FEED	BUS RATING	TIE BAR	MOUNT	DIMENSIONS* (H X W X L)	WEIGHT	NOTES
AX-121001	10 GMT	60A	N	19"/23"	1.75"x17.25"x10.5"	12 lbs.	Single Feed
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-010301	6/6 Type 70	60A	N	19"/23"	1.75"x17.25"x10.5"	13 lbs.	
AX-010302	8/8 Type 70	60A	N	23"	1.75"x20.5"x10.5"	14 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

*Above panels are available with Alarm Board A.*

AX-010121	4/4 KLM	100A	Y	19"/23"	1.75"x17.25"x10.5"	13 lbs.	
AX-010122	5/5 KLM	100A	Y	23"	1.75"x20.5"x10.5"	13 lbs.	
AX-010131	4/4 KLM	30A/60A	Y	19"/23"	1.75"x17.25"x10.5"	15 lbs.	Fail Safe
AX-010132	5/5 KLM	30A/60A	Y	23"	1.75"x20.5"x10.5"	15 lbs.	Fail Safe
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-010225	5/5 GMT	60A	Y	19"/23"	1.75"x17.25"x10.5"	12 lbs.	
AX-010228	4/4 GMT	60A	Y	19"/23"	1.75"x17.25"x10.5"	12 lbs.	
AX-010321	6/6 Type 70	60A	Y	19"/23"	1.75"x17.25"x10.5"	15 lbs.	
AX-010322	8/8 Type 70	60A	Y	23"	1.75"x20.5"x10.5"	14 lbs.	
AX-010331	6/6 Type 70	30A/60A	Y	19"/23"	1.75"x17.25"x10.5"	15 lbs.	Fail Safe
AX-010332	8/8 Type 70	30A/60A	Y	23"	1.75"x20.4"x10.5"	15 lbs.	Fail Safe
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

*Above panels are available with Alarm Board B.*

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## Ordering Guide for Circuit Breaker Panels:

\*Metric Conversion 1" = 25.4mm

MODEL NO.	CB POSITION PER A/B FEED	BUS RATING	TIE BAR	MOUNT	DIMENSIONS* (H X W X L)	WEIGHT	BREAKER SIZE
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.*

MODEL NO.	CB POSITION PER A/B FEED	BUS RATING	TIE BAR	MOUNT	DIMENSIONS* (H X W X L)	WEIGHT	BREAKER SIZE
AX-050120	6/6	200A	N	19"/23"	3.50"x17.5"x12.85"	22 lbs.	1-50 Amps
AX-050122	7/7	200A	Y	19"/23"	1.75"x17.5"x10.5"	12 lbs.	1-50 Amps

*Above panel is available with Alarm Board B.*

For additional information, and other distribution products please visit us at our website [www.peco2.com](http://www.peco2.com) or call 800-999-PECO.

## Certifications:



\*Specifications are subject to change without notice. Please visit our website for the latest revision.

DP/01-02/a