

Panelboards

IEM panelboards are designed to meet the needs of any electrical distribution system. Lighting, Distribution, and Receptacle Panelboards can be custom engineered featuring leading manufacturer's components and state-of-the-art surge suppression equipment. Standard panelboard configurations are also available.

PIE PANELBOARD FEATURES & BENEFITS

- Voltage: Up to 600VAC, 250VDC maximum
- Ampacity: 100A to 600A
- 65kA at 480V maximum
- UL or cUL listed
- Single phase and three phase
- Series ratings with upstream devices
- Main breaker, main lugs, subfeed breaker – optional
- Vertically mounted main and sub-feed circuit breakers
- Up to 84 circuits in one panel
- Interiors available in silver plated copper or tin aluminum bus
- Complete line of UL listed interiors with 200% rated neutrals for non-linear loads
- Surge Suppression Equipment/Optional integrated SPD
- Configured for sequence phase connections allowing complete flexible circuit arrangement (1-, 2- or 3-poles) to properly balance the electrical load on each phase
- Lock and door opening mechanism includes a positive slide catch and right- or left-hand installation
- Multi section boards – bolted together and bush openings (horizontal and vertical)
- Standard or door in door trims
- ANSI 61 light gray standard finish, other colors available as option
- Stainless steel and aluminum available
- Up to 150A branch breakers (1 per row, max)

Full Customization and Design Flexibility

65K AIC/480V UL Rating for PIE (E Frame) Versions

84 Circuit Designs in UL Heat Rise Testing

Emergency (Fuse/Breaker) Panels

Seismic shake table testing completed – fully qualified to worst case response spectrum.



Panelboards

Product Sheet
PANELBOARDS

PIU PANELBOARD FEATURES & BENEFITS

- Voltage: Up to 480VAC, 250VDC maximum
- Ampacity: 100A to 600A
- 65kA at 480Y/277VAC
- 65kA at 240V
- UL or cUL listed
- Single phase and three phase
- Main breaker, main lugs, subfed breaker optional
- 10K thru 65K SCCR (AIC) – interrupting capacity
- Vertically mounted main and sub-feed circuit breakers
- Up to 84 circuits in one panel
- Interiors available in silver plated copper or tin aluminum bus
- An interior accepts bolt-on or plug-on branch circuit breakers
- Complete line of UL listed interiors with 200% rated neutrals for non-linear loads
- Surge suppression equipment/optional integrated SPD
- Configured for sequence phase connections allowing complete flexible circuit arrangement (1-, 2- or 3-poles) to properly balance the electrical load on each phase
- Lock and Door opening mechanism includes a positive slide catch and right- or left-hand installation
- Multi section boards – bolted together and bush openings (horizontal and vertical)
- Standard or door in door trims
- ANSI 61 light gray standard finish, other colors available as option
- Stainless steel and aluminum available
- We offer Title 24 panels for disaggregation of loads
- Up to 100A branch breakers



CDP PANELBOARD FEATURES & BENEFITS

- Voltage: Up to 600VAC, 250VDC Maximum
- Ampacity: 225A to 1600A
- UL or cUL listed
- Single phase and three-phase
- 10K thru 200K SCCR (AIC) – Interrupting Capacity (25kA at 600V, 100kA at 480V, 200kA at 240V)
- Series ratings with upstream devices
- Interiors available in plated copper or aluminum bus
- Main breaker or main lugs
- Fully rated or series rated
- Selection includes most commercially available molded case circuit breakers from industry leading manufacturers
- Standard or door in door trims
- ANSI 61 light gray standard finish, other colors available as option
- Stainless steel and aluminum available



IEM DIFFERENCE

Superior Enclosures – All equipment enclosures are designed for specific application and dimensional flexibility.

All enclosures are finished using a state of the art powder coating system providing an indoor finish that exceeds the 1500 hour salt spray testing requirement for outdoor equipment to 3000 hours.

TECHNICAL SPECIFICATIONS

IEM Panelboards meet UL 67, UL 50, CSA and NEMA PB-1 standards and comply with federal specifications WP-115a. Distribution panelboards meet seismic testing, circuit requirements as outlined by IEEE344 and ICC-ES-AC156.

Industrial Electric Mfg.™ (IEM)

Headquartered in Fremont, CA, IEM is the largest independent full-line manufacturer of electrical distribution and integrated control systems in the U.S. For over half a century, IEM has delivered customer-specific solutions to meet the ever changing power requirements of growth industries in North America. At IEM, tradition and technology still drive innovation. An experienced engineering staff and one of the most flexible design and manufacturing systems in the industry set IEM apart from standard product manufacturers.



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