IEM Custom Assemblies

Walk-In Enclosures

Emergency Fused Coordination Panels

IEM's unique design and manufacturing capabilities provide for the integration of various components or products into a single assembly specifically suited to a defined purpose. The Custom Assembly process eliminates the need to compromise or combine several products from various manufacturers into a less than ideal solution.

IEM Custom Assemblies

Smaller Footprints

Custom Colors

Custom Engineering and Configurations

Breaker, Controls, and Metering Options

Communications Options

Integrated Solutions

Applications with Unique Installation Requirements

Walk-In Enclosures

Custom designed walk-in enclosures are designed to protect power distribution equipment in outdoor applications.

- Allows any size layout or configuration
- Built and shipped in one unit, no assembly on site required
- Installed and wired equipment to customer specific application
- Custom paint and sheet metal fabrication per application

Emergency Fused Coordination Panels

- Voltage: 120V – 600V; Ampacity: 250A and 400A
- 65kA at 480V
- UL or CSA listed
- Coordinated for emergency loads
- Main breaker, main lugs, subfed breaker – optional

Marina Substation

IEM's flexible approach to design and manufacturing is ideal for inland and coastal environment applications.

- NEMA 3R standard
- Temperature fans for cooling
- Single and three phase models
- Double wall construction
- Ground fault monitoring system
- Up to 1200 Amp main circuit breaker with 16 single phase branch circuit breakers
- Marine grade aluminum enclosure

Generator Cable Tap Boxes

IEM's customizable generator cable tap boxes are pass-through devices that can safely connect a stand-by power cicuit breaker with a portable generator.

- Rated for 1200A applications at 240V or 480V
- Wall mounted/pad mounted
- Free standing
- Lug and cam lock connections available
- Power meters

IEM Difference

Fully rated bus is based on density ratings, not UL heat rise tests, resulting in more bus and lower operating temperatures.

All enclosures are designed for specific application with improved dimensional flexibility and finished using 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.

Component and metering selections are based on value engineering for the application and optimized to meet specifications.

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