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INFORMATION

DATE July 8, 2017
SCALE NA
DRAWN
REVISION 100

PROJECT TITLE
Pennsylvania CC

DRAWING TITLE
TPDB-P-100MCDa20Aa30

Pennsylvania Convention Center

Portable Power Distribution Panel Specification

TPDB-P-100-MCEa20Aa30 100 Amp Power Distribution Box:

Manufacture: TBD

- Panel Enclosures to be constructed of a Non-Conductive Polycarbonate Beige with Clear Removable Cover, locking lid via (4) half turn spring loaded slotted latches and (4) rubber feet. *Preferred manufacture: Moeller/Eaton*
- Access to interior of panel for inspection and/or maintenance does not require the removal of any nuts, bolts or other parts which can be lost, maintaining the integrity and safety of the panel.
- Carrying handles for portability.
- Separately mounted gasketed side panels with precision CNC cut mounting patterns for mounting specified connectors.
- Panel cans – custom manufactured to order and devoid of knockouts, maintaining the integrity of the Enclosures in the harsh trade show environment.
- Exclusive use of Cutler Hammer series CH panelboard interiors and CH series circuit breaker protection.

TPD100 Panel Enclosure Assembly equipped with:

- Dimensions: 16" x 11" x 4.5"
- CI-43-125-NA panel enclosure
- CI-43-120 Lexan dead front UL VO rating
- CI-43-122 clear removal cover
- CI-43-124 panel handle option #1 or option #2
- CI-43-126 (4) connector plates
- 125-Amp, 18-circuit interior CU buss assembly
- Fifteen (15) 20-amp/1-pole breakers
- Three (3) 30-amp/1-pole breakers
- One (1) set of Series 15 150-amp 600v cam-lock connectors (150A Inlet) Male
- Five (5) NEMA L21-20R flange mount 20-amp/3-phase receptacles 120/208V 4P/5W
- One (1) NEMA L21-30R flange mount 30-amp/3-phase receptacles 120/208V 4P/5W

All components manufacture (Hubbell) to be wired with stranded THHN and/or MTW/AWM type insulated wire, with phase colored jackets and/or phase taped. All wiring must be voltage and amperage rated to meet or exceed breaker and bus bar requirements. All hardware must be zinc Philips pan head and nyloc nuts.

Phase lamps (3)

Panels must be certified via UL 1640

Considerations: Value Engineered, Warranty, Spare Part Availability, Small Business Classification
Technical Support