Generator Tap Boxes





Cat[®] Pad or Floor Mounted Generator Tap Boxes

The Cat® Pad or Floor Mounted Generator Tap Boxes offer a simple solution to comply with regulatory requirements for a temporary generator set in higher ampacity applications. Typical applications include emergency, legally required emergency, and legally required standby applications where power to critical equipment needs to be backed up during maintenance of the permanent on-site generator(s).

Picture shown may not reflect actual configuration

Features

- UL508A
- NEMA 3R or NEMA 3R 316 Stainless Steel enclosure
- Visual indication of L-L voltage (3 phase)
- Color Coded Cam-Locks
- Selectable Cam-Lock receptacle gender
- Available Phase Rotation, Loss and Undervoltage Protection
- Padlockable Wingnob latch
- Density rated (1000A/in²) bus

Primary Functions

- Provides simple connection of temporary generator or load bank
- Provides for permanent lug connection to upstream switching device (circuit breaker or transfer switch)
- Weatherproof, wall-mounted enclosure with temporary generator cable access door



Specifications



Technical Specifications

| Parameter | Value |
|--------------------------------------|--|
| Rated Operational Voltage Ranges (V) | 208-240, 480, 575-600 |
| Voltage Configurations | 1P3W, 3P3W, 3P4W |
| Rated Operational Current (A) | 1600-4000 |
| Enclosure Ratings | NEMA 3R, NEMA 3R 316 Stainless Steel |
| Bus Material | Tin Plated Copper, 1000A/in² rated |
| Lug Connectors | Aluminum, Mechanical |
| Cam-Lock Connectors | Insulated with single hole bus connector |
| Cam-Lock Gender | Male or Female |
| Optional Block Heater Circuit | (2) 30A 125V NEMA Twist-Lock Female |

Lugs and Dimensions

| Ampacity (A) | Height (in/mm) | Width (in/mm) | Depth (in/mm) | Lugs (Line & Neutral, per phase) | Lugs (Ground) |
|--------------|-----------------|------------------|------------------|-------------------------------------|------------------|
| 1600 | 90/2286 40/1016 | | F2/4247 | (4) #2-750 MCM | (1) #2-750 |
| 2000 | | | | (5) #2-750 MCM | (2) #2-750 |
| 2400 | | 40/4046 | | (6) #2-750 MCM | (2) #2-750 |
| 2800 | | 53/1347 | (7) #2-750 MCM | (2) #2-750 | |
| 3200 | | | | (8) #2-750 MCM | (2) #2-750 |
| 4000 | | | | (10) #2-750 MCM | (2) #2-750 |

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