

PowerLock Box for Emergency Power Generators

The challenge

When businesses suffer from power failure, key equipment like refrigeration systems, computer systems and even health and safety equipment are at risk.

An emergency generator can quickly restore power to any factory, hospital and shopping center; however safely connecting to the power system can be difficult and time consuming.

The solution

To help quickly restore loss power, ITT Interconnect Solutions created the VEAM PowerLock Box. This box, when fitted in the electrical switch room or sub-station and offers a single easy to use connection point.

With connections for Ground, Neutral and 3-phases, the PowerLock Box allows cables from a mobile generator to be quickly connected to your power system. Safety is ensured through a keyway controlled connector sequence, finger protected contacts and it can be locked once connected.



ITT VEAM PowerLock Box

The VEAM Difference:

- PowerLock connectors can only be connected in a safe sequence
- Keying prevents incorrect mating
- IP2X Finger protected contacts prevent touching of live parts
- Sealed, lidded and lockable versions
- Environmentally sealed connector ports to protection level IP65

Features & Benefits

- Connect with standard 'Powerlock' connectors
- Sequential connecting ensures Ground/Earth is connected first
- 400 amp & 660 amp continuous current options
- Color coded to suit European, North American, and Australian 3 phase standards
- Source and Drain (Power out or Power in) options
- All ports 'keyed' to prevent incorrect connection
- Sealed Security lid optional
- Lock to prevent interference
- 19" x 2U rack mounting or flange mount

Applications



ENTERTAINMENT

STADIUM LIGHTING, SPECIAL EFFECTS,
FIELD CAMPS, POWER DISTRIBUTION



RIVER BOATS

POWER FEEDS, LOAD BANKS,
3 PHASE MOTORS



EMERGENCY SYSTEMS

MOBILE GENERATORS,
BACK-UP POWER SYSTEMS



COMMERCIAL BUILDINGS

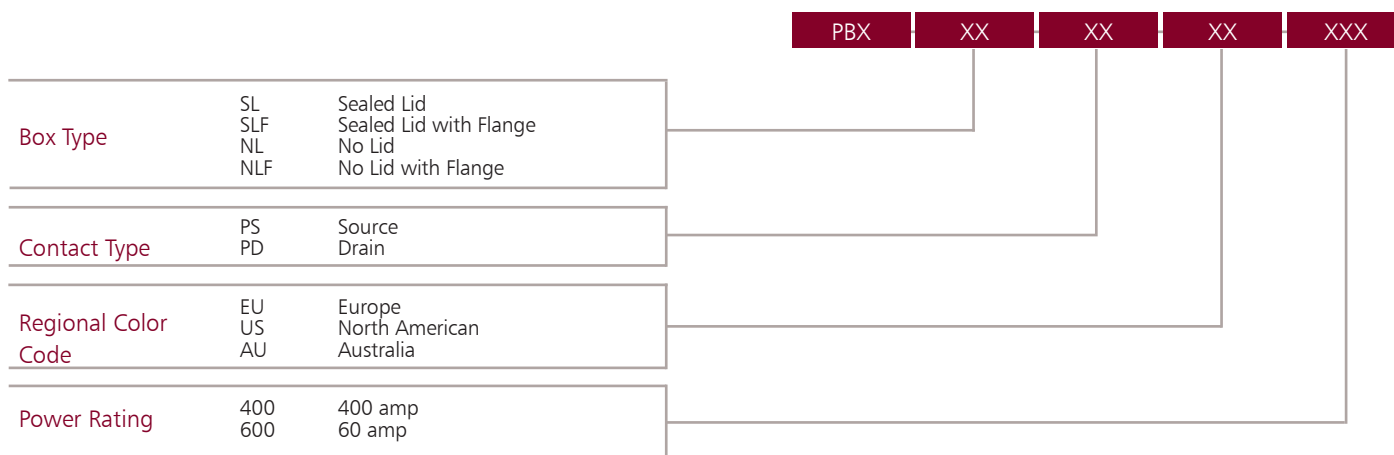
MALLS, HOSPITALS,
SUPERMARKETS, FACTORIES

Specifications

| Electrical | |
|---|---|
| Current rating | 400 amp or 660 amp continuous |
| Voltage rating | 1000V AC / 1500V DC |
| Contact material | Brass (400 amp) or Copper (660 amp), silver plated |
| Housing material | High temperature thermoplastic |
| Endurance | 500 connection cycles |
| Environmental protection of connector ports | Un-lidded version IP65 when connectors are fitted |
| | Lidded version IP65 with lid locked or when connectors are fitted |
| Electrical protection | IP2X (finger safe) |
| Flammability rating | UL94-V0 |
| Operating temperature | -30°C to +85°C |
| Color coding | European, North American & Australian 3 phase colour coding |
| RoHS & WEEE | Compliant |
| Safety notice | The PowerLock Box should only be installed and operated by suitably qualified persons |

Ordering information

Example: A 660 amp box with a sealed lid and Drain contacts with European color coding is: PBX-SL-PD-EU-660



[CLICK HERE](#) to download a copy of the ITT VEAM PowerLock and SnapLock Connector Catalog

Connect with your ITT Interconnect Solutions representative today or visit us at www.ittcannon.com

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