

PowerLock Connectors "At a Glance"



VEAM PowerLock Overview

The VEAM PowerLock connector series for field installation power distribution systems offers the ultimate in safety and reliability under the most severe operating conditions. PowerLock connectors are plastic bodied single pole electrical connectors used in high current applications. For use in single and polyphase power distribution systems up to 660 amps, the range includes panel and cable mounted connectors, and associated accessories.



PowerLock connectors are moisture and impact resistant and feature insulated contact tips to prevent accidental touching of electrically live parts.



The connectors are easy to terminate to copper cable using either industry standard crimp tools or set-screw contacts. The silver plated contacts are available in 2 continuous current ranges, those with brass contacts are suitable for use up to 400 amps and those with copper contacts up to 660 amps. The high impact plastic connector bodies are keyed to prevent connection errors, and color coded to suit 3 phase electrical systems that are used in the US, Europe and Australia.

	Ground	Neutral	Line 1	Line 2	Line 3
Europe	Green	Blue	Brown	Black	Grey
North America	Green	White	Black	Red	Blue
Australia	Green	Black	Red	Black	Blue

Secure coupling of a connector pair is through a bayonet lock together with a secondary locking pin. The secondary lock engages when the bayonet lock is fully turned and disconnection requires a simple release key. The secondary lock discourages tampering and reduces the risk of accidental or unauthorized disconnection. If fast disconnection is required, for an application where tampering is not a risk, the connectors can be fitted with a sliding collar that quickly unlocks the connectors.

Features & Benefits

- 400 amp or 660 amp continuous power ratings
- Colored and Keyed to support correct mating
- All connectors IP2X finger protected
- Crimp or Set-screw cable attachment
- Environmentally sealed to IP67
- Secondary lock for added security

Applications

- Generators & Load Banks
- 3 phase motors
- Field camps
- Back-up power systems
- Power distribution panels
- Outdoor events
- Supermarkets and malls
- River boats



Listing and Approvals



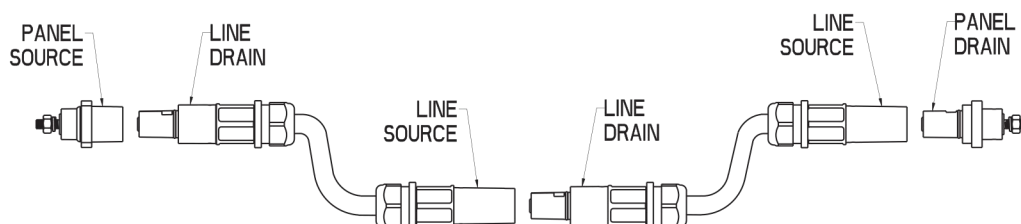
PowerLock connectors are tested and certified by VDE



Selected PowerLock products are listed by UL and approved for use in North America, for further details contact ITT, Interconnect Solutions.



PowerLock connectors are manufactured and tested as required to carry European CE marking.



[CLICK HERE](#) to download a copy of the PowerLock Catalog or contact your local ITT Regional Distribution Manager.