

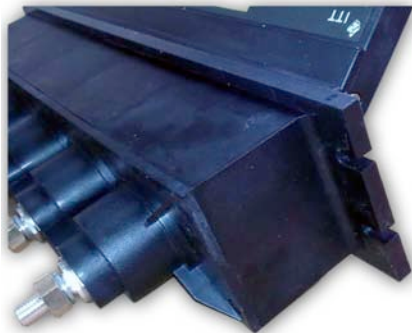
APPLICATION NOTE

www.ittcannon.com**Powerlock Box with Flange**

February 2010

The Challenge

Since launching the PowerLock Box in 2009, customers found problems sealing the box into their equipment, as the top and bottom of the front panel is flush with the main box section.



The ITT Solution ...

ITT ICS has designed a modified box with an increased front panel height that provides a flange around the complete box. This flange allows the box to be easily sealed into a panel cut-out.

The front panel height is extended from 89mm to 107mm. This version no longer fits a 2U spacing, however applications requiring sealing would not normally be fitted to a 19" rack.

Product Features

- Flange version available on both lidded and un-lidded versions
- All ports keyed and colour coded for sequential mating
- 400amp or 660amp – Source & Drain
- Environmentally sealed connector ports to IP65
- Lock to prevent interference
- IP2X finger protected

Benefit to Customer

- Flange can be sealed against a panel
- Connects using standard 'Powerlock' connectors.
- Sequential mating ensures Ground is connected first.

Applications and Markets

- Mobile Generators
- Theatres and Outdoor events
- Dockside/Riverside power plants
- Hospitals, Factories, Shops and Offices
- Alternative Energy installations
- Theme Park Rides

For application assistance, please contact:

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