Powerlatch™ CONNECTORS

Io Audio Technologies' Powerlatch™ connectors are designed to enhance safety by replacing standard NEMA and IEC style power connections in industrial applications. Special notches on the connector prevent dangerous interconnection mistakes. The particular design prevents accidental contact with energized parts and ensures long life. Powerlatch™ connectors are also compatible with standard powerCON® receptacles and equipment, making it a safe investment.

SPECIFICATIONS

- Gender: **Female**
- Contact Resistance: **3mΩ max**
- Insulator Resistance: **≥1000MΩ**
- Current Rating: **20 A**
- Withstand Voltage: **2000 V AC**
- Lifetime: **> 1000 mating cycles**
- Wiring: **Screw Terminals**
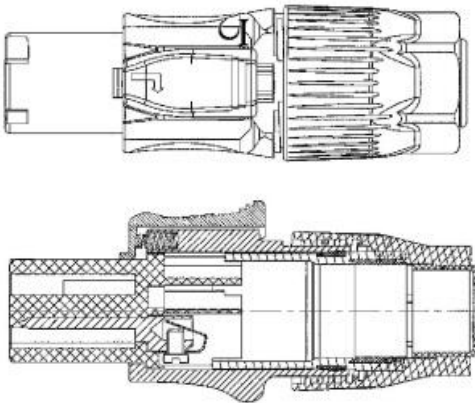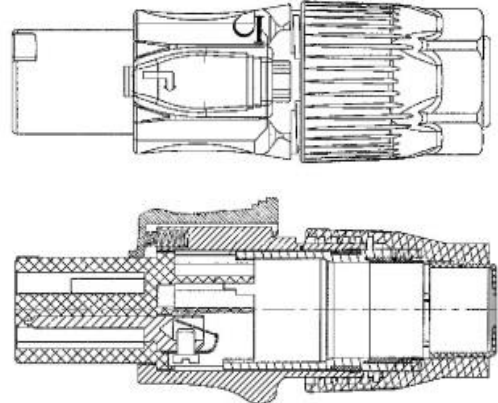- Poles Material: **Silver Plated Brass**

IO-PRC3FA   **IO-PRC3FB**

Drawings

IO-PRC3FA   **IO-PRC3FB**

FEATURES

The rugged, plastic shells are designed to fit into standard power receptacle locations while offering enhanced safety. We have enhanced modularity by enabling devices to use different power cables depending on the market and application. The locking mechanism makes each connection extremely robust and prevents accidental disconnection while protecting the user at all times from unintentional shocks and conductor damage.

APPLICATIONS

Powerlatch™ connectors are a perfect solution for applications where local receptacle standards differ and AC cords may be changed, but safety must be maintained at all times. The sturdy, locking plastic connectors offer durability that will ensure years of reliable service without interruption or fatigue even in harsh environments. The ability to install or remove them in the field means that installers and integrators can customize their use and get the job done.

INDUSTRIES

- **Pro Audio Manufacturing**
- **Pro Lighting Manufacturing**
- **Pro Video Manufacturing**
- **Broadcasting**
- **Electronics Hobbyists**
- **Communications**

PART NUMBER BREAKDOWN:

IO-**PRC**3FA
Power Connector

IO-PRC**3**FA
3 Conductor

IO-PRC3**F**A
Female

IO-PRC3F**A**
A = Blue, B = Gray

STANDARDS & CLASSIFICATIONS