# IEC CHASSIS CONNECTOR

AC power inlet for high-current
electrical appliances.

UL Listed Component



**IO-C14PP-48**

## SPECIFICATIONS

### PRODUCT

Gender: **Male**

Contacts: **3**

### ELECTRICAL

Insulation Resistance: **>100MΩ**

Dielectric Strength: **2000V @ 60s**

Current Rating:

**IEC 60320-3: 10A / 250V AC**

**UL 60320-3: 15A / 250V AC**

### ENVIRONMENTAL

Flammability Grade: **UL94 V-0**

Standards Compliance**: IEC 60320-3, UL 60320-3**

Working Temperature: **-40°C ~ +70° C (-40°F ~ +158°F)**

UL Listed (US/Canada): **E509788**

### MECHANICAL

Mounting: **Panel / Push-On**

Panel Thickness Range: **1.0mm-2.5mm**

Wiring: **Quick Connect Terminals**

Terminal Size: **4.8mm**

### MATERIAL

Shell: **Thermoplastic**

Shell Finish: **Black**

# FEATURES & APPLICATIONS

IEC C14 AC power inlets are designed for single-phase AC applications and are rated for up to IEC 60320-3 current of 10A at 250V AC or UL 60320-3 current of 15A at 250V which makes them perfect for a variety of electronic equipment. Equipment includes computer components like the power supply, monitors, printers and other peripherals to video game consoles, instrument amplifiers, professional audio equipment and virtually all professional video equipment. It also includes enterprise-class servers, data centers, rack-mounted Power Distribution Units, Uninterruptible Power Supplies, large network routers, and network switches.

These connectors include several safety features to protect the user. They feature a pre-mating ground contact to ensure the circuit is properly grounded before the rest of the conductors make a connection, and the also feature a polarized design to prevent incorrect connections. These sturdy, locking plastic connectors offer durability that will ensure years of reliable service without interruption or fatigue. These connectors are available with 4.8mm connection terminals.

## PART NUMBER BREAKDOWN

IO-**C14**PP-48
IEC Class

IO-C14**P**P-48
Push-On

IO-C14P**P**-48
Panel Mount

IO-C14PP-**48**
28 = 2.8mm Terminals
48 = 4.8mm Terminals
63 = 6.35mm Terminals

## STANDARDS & CLASSIFICATIONS

REACH COMPLIANT   RoHS   CE   UKCA   UL