



AUDIO
TECHNOLOGIES®

IEC CHASSIS CONNECTOR

AC Power Inlet for high-current electrical appliances.

UL Approved Component



IO-C20SP-63

SPECIFICATIONS

PRODUCT

Gender: **Male**

Contacts: **3**

ELECTRICAL

Insulation Resistance: **>100MΩ**

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

Current Rating:

IEC 60320-3: 16A / 250V AC

UL 60320-3: 20A / 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 / Screw Mount**

Wiring: **Quick Connect Terminals**

Terminal Size: **6.35mm**

MATERIAL

Shell: **Thermoplastic**

Shell Finish: **Black**

Product specifications may change without prior notification

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10557 Metric Dr. Dallas, TX 75243 | 214-340-0265 | 800-323-2439 | Fax: 214-340-5870 |
www.ioaudiotecnologies.com



FEATURES & APPLICATIONS

IEC C20 AC power inlets are designed for single-phase AC applications and are rated for up to IEC 60320-3 current of 16A at 250V AC or UL 60320-3 current of 20A at 250V which makes them perfect for high current applications like enterprise-class servers, data centers, rack-mounted power distribution units (PDUs), uninterruptible power supplies (UPS), large network routers and network switches. The C20 is also perfect for certain high-current medial appliances.

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. The sturdy, locking plastic connectors offer durability that will ensure years of reliable service without interruption or fatigue. These connectors are available with 6.35mm connection terminals.

PART NUMBER BREAKDOWN

IO-**C20**SP-63
IEC Class

IO-C20**S**P-63
Screw Mounting

IO-C20SP**P**-63
Panel Mount

IO-C20SP-**63**
28 = 2.8mm Terminals
48 = 4.8mm Terminals
63 = 6.35mm Terminals

STANDARDS & CLASSIFICATIONS



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