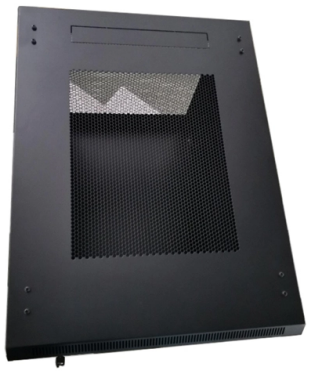
Three-prong male and female plug distribution box



Overview

Amazon.com: 3 Prong ConnectorShop reliable 3 prong electrical connectors. Find replacement plugs, adapters, and waterproof options for various applications.

Key Takeaways

A three-prong male and female plug distribution box is an electrical enclosure that allows multiple devices to connect safely using standard three-prong plugs, providing organized power distribution with built-in safety features.

Overview

A three-prong plug distribution box is designed to distribute electrical power from a single source to multiple devices using male and female three-prong connectors. The three prongs typically include live, neutral, and ground, ensuring proper grounding and safety during operation. These boxes are commonly used in industrial, commercial, and heavy-duty applications where multiple devices need reliable power connections.

Types and FeaturesIndustrial-Grade Boxes: Designed for high-current applications, often rated up to 125 A and 690 V, with robust materials for durability and safety in harsh environments (ABB). Pilot Contacts: Some industrial plugs include pilot pins that connect or disconnect before the main circuit, enhancing safety by preventing short circuits during connection or disconnection. Enclosure Options: Distribution boxes may come in metal or high-strength plastic, with waterproof or dustproof ratings for outdoor or industrial use.

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Modular Configurations: Many boxes allow multiple female outlets to connect to a single male input, supporting flexible setups for workshops, events, or machinery.

Applications

Industrial Machinery: Powering multiple machines from a single supply line. Construction Sites: Temporary power distribution for tools and equipment. Event Management: Safe distribution of electricity for lighting, sound, and other equipment.

Laboratories and Workshops: Organizing multiple devices while maintaining grounding and safety standards.

Purchasing Options

Online Retailers: Amazon and eBay offer a variety of three-prong connectors and distribution boxes suitable for light to medium-duty applications. Industrial Suppliers: RS Components and McMaster-Carr provide industrial-grade plugs and distribution boxes with detailed specifications for current, voltage, and environmental ratings. Manufacturer Catalogs: ABB provides a comprehensive range of high-quality industrial plugs and sockets, including male and female three-prong options with safety-tested designs.

Safety Considerations

Ensure the current and voltage ratings of the distribution box match your equipment. Verify that the box has proper grounding and complies with IEC or local electrical standards. For high-demand or outdoor applications, choose boxes with durable, weather-resistant enclosures.

Consider pilot contacts for high-current setups to prevent accidental short circuits during connection or disconnection. A three-prong male and female plug distribution box provides a safe, organized, and flexible solution for distributing power to multiple devices, with options ranging from light-duty consumer models to heavy-duty industrial units.

Article Content

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CircleCord 3 Prong 30 Amp to 110V Dryer Distribution Adapter

CircleCord 3 Prong 30 Amp to 110V Dryer Distribution Adapter Cord, NEMA 10-30P Male to 3X 5-15R Household Outlet Female

Adapters and Splitters for Electrical Connections | Lowe''s

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This adapter, measuring 1-foot in length, provides a seamless connection between a NEMA 5-15P male plug and a NEMA L5-30R 3-prong locking female connector.

[ETL Listed] Cable Matters 3-Pack 3 Way Plug Adapter 15A 1875W, 3 Prong ...

About this item Safe ETL Listed 3-Prong Plug Splitter: The 3-Prong 3-Way Outlet Adapter is ETL Listed, ensuring safe and reliable performance for all your devices. Rated for 15A, 125V, 1875W, this three

Amazon : 3 Prong Electrical Plug

ThunderWay Electrical Replacement Plug & Connector Set, Extension Cord Ends Male and Female, 15A 125V, Straight Blade Plug Grounding Type, NEMA 5-15P&5-15R, 3-Prong Straight Blade-5 Set,

30 Amp to 20 Amp 110V RV Distribution Adapter NEMA TT-30P Male

This 30 Amp to 110V RV distribution adapter converts a 3-prong NEMA TT-30P male plug. It features three 5-15R/5-20R T-blade household connectors. The adapter includes lighted triple outlet sockets

3-Prong Plug

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Parkworld 886580 Dryer Splitter, 240V Splitter NEMA 10-30P

NEMA 10-30 Splitter, 240V Splitter 10-30P Male Plug to (2)10-30R Female Receptacle CAUTION: Please Be Careful to avoid charging your EV and using your dryer at the same time, and Please

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