Sockets for distribution boxes



Overview

The Anssin IPS series of industrial standard plugs, sockets, and distribution boxes feature advanced design, good quality, and excellent safety performance.

Key Takeaways

Distribution box sockets include CEE and Schuko types, available in pre-wired or empty configurations for 1- and 3-phase applications, with options for indoor, outdoor, and portable use. Types of SocketsCEE Sockets: Commonly used for industrial and construction applications, these sockets handle higher voltages and currents, typically 16 A, 32 A, or higher, and are available in 3-phase configurations for heavy-duty equipment. Schuko Sockets: Standard 230 V sockets for general-purpose use, often integrated alongside CEE sockets in combination distribution boxes for mixed applications.

Pre-

Wired vs Empty Boxes: Pre-wired distribution boxes come with built-in sockets, protective contacts, and sometimes FI (residual current) and LS (circuit breaker) switches, reducing installation effort. Empty boxes allow custom socket configurations and flexibility for specific project requirements.

Applications



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Construction Sites: Portable socket distributors supply hand-operated tools and temporary power, often with IP44-rated housings for splash and dust protection. Residential & Light Commercial: Wall-mounted or surface-mounted distribution boxes with 16 A or 32 A sockets provide safe power distribution for homes, small shops, or retrofits. Harsh Environments: Impact-resistant rubber or plastic housings protect sockets in outdoor or industrial settings.

Key Features to Consider

Phase Type: Single-phase for standard loads, three-phase for high-power equipment. Ampacity: Ensure the socket matches the total load of the facility or site; common ratings are 16 A, 32 A, and up to 63 A for portable distributors. Ingress Protection (IP): IP44 or higher for outdoor use to prevent moisture ingress.

Safety: Integrated RCDs, protective contacts, and proper insulation are critical to prevent electrical hazards. Mounting Options: Wall-mounted, surface-mounted, or portable units depending on mobility and installation requirements. Examples of ProductsGARO Multiple Sockets: Available for 1- and 3-phase operation, with suspension brackets and impact-resistant materials for harsh environments.

Road

Eu Combination Wall Socket: Pre-wired 16 A and 32 A CEE sockets with Schuko 230 V, IP44 housing, suitable for indoor and outdoor use. Spelsberg Socket Distribution Boards: Flexible options including empty, pre-wired, or ready-to-connect boards with built-in protective devices.

MER

Z Portable Socket Distributors: Compact, impact-resistant units for construction sites, connected downstream of distribution boxes, with RCD protection and IP44 rating. Selecting the right socket for a distribution box depends on load requirements, phase type, environmental conditions, and safety standards, ensuring reliable and safe power distribution for the intended application.

Article Content

Selection Recommendations for Industrial Plugs, Sockets, and

The Anssin IPS series of industrial standard plugs, sockets, and distribution boxes feature advanced design, good quality, and excellent safety performance. From simple plugs to user

INDUSTRIAL PLUGS, SOCKETS & ENCLOSURES

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Using its global strength and market leading position, Legrand has developed a complete range of cable management solutions, including: • Swifts cable ladder and cable tray • Salamandre distribution

Distribution Zone

As standard, the box is rated at 800A; boxes can be linked together to achieve higher amperages. We stock both source and drain variants, which come with a lid as standard, to achieve IP67 rating when

Sockets for installation between distribution board devices at reichelt ...

Home and Security Technology Electrical Materials Distribution box built-in devices Control cabinet socket

Industrial plugs and sockets

With extensive experience of designing and producing industrial plugs, sockets and Modular Combi, ABB can provide products of high quality, functionality, reliability and safety.

Socket distributor: Spelsberg

Socket distribution boards The socket distribution boards and housings are available in exactly the model you need: empty, pre-wired or ready for connection. A product that offers room for flexibility

RoadEu Combination Wall Socket, 32 A, 16 A CEE Socket with

High-quality external PCE sockets. The 32 A and 16 A construction site power distributor is pre-wired and ready for connection. The distribution box also includes a PG16 cable gland Distribution box:

Distribution Box and Selection Guide: Internal Structure, Components ...

Learn how to choose a distribution box and understand its internal structure, including MCBs, busbars, neutral bars, earth bars, RCDs, RCBOs, SPDs, enclosure ratings, and wiring layout.

HRMD92 Explosion proof Distribution Box (Ex d IIB+H2)

Warom Explosion proof Distribution Box (Ex d IIB+H2) in 316 stainless steel. Available with a wide range of built in components.

custom power distribution box

Custom power distribution box, factory direct! Tailored solutions for high-quality, reliable power distribution. Ideal for specialized industrial and commercial

CAMWAY Waterproof Distribution Box, IP67 Waterproof Control

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CAMWAY Waterproof Distribution Box, IP67 Waterproof Control Cabinet, ABS Plastic Housing Socket Box, 60 kg Load Capacity, Power Box with Mounting Accessories for Indoor and Outdoor Use (15 x

Articles & Insights on Fiber Optic Technology

For telecom operators, integrators and facility managers deploying FTTH networks, JERA LINE — a leading global FTTH solution provider — offers high-performance, low-loss fiber wall

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Weatherproof Distribution Protection Box Outdoor Electrical Box Socket ...

Weatherproof Distribution Protection Box Outdoor Electrical Box Socket Breaker Cover Description Description This item is made of material. It is duarable and use. Simple and easy to make extended

What Is a Maintenance Power Distribution Box?

This is precisely where a dedicated industrial maintenance power distribution box proves essential. By drawing power from a centralized source and splitting it into distinct, protected sub-circuits, it

Premium 32A 220-380V 3 4 5pins Electric Industrial Socket Box

Input: 1 CEE625 plug 32A 3P+N+E 380V. 1 CEE325 socket 32A 3P+N+E 380V. 1 CEE315 socket 16A 3P+N+E 380V. 1 small circuit breaker 32A 3P. DIstribution Box. Protection device: 1

XRM Wall Mounted Lighting & Socket Distribution Box Metal JXF ...

The company''s products include GGD cabinets, drawer cabinets, PLC control cabinets,lighting distribution boxes, power distribution boxes, frequency converter control cabi-nets, water pump

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