

Distribution box with 19 slots

Article Overview

A 19-slot distribution box is designed to safely house power distribution units (PDUs) in a 19-inch rack, providing organized and secure power distribution to multiple devices.

Product Overview

A 19-slot distribution box, such as the nVent SCHROFF 60118-434, is used to distribute electricity from a single power source to multiple devices within a rack or enclosure, ensuring safety and compliance with electrical standards . These boxes are typically made from aluminium or powder-coated steel, offering high mechanical strength and durability .

Key Features

- o Rack Compatibility: Designed for standard 19-inch racks, compliant with ANSI/EIA RS-310D, DIN41491, and IEC60297 standards .
- o Slots/Height Units: Provides 19 slots or a single 19-inch rackspace, allowing installation of multiple PDUs or other equipment .
- o Electrical Safety: Fully insulated construction ensures safe operation, with chassis earth connection points for grounding .
- o Mounting Options: Can be installed in a rack using 19-inch mounting ears or mounted on a wall using rotatable side ears .
- o Input/Output Connections: Typically includes a fixed connection cable with a male plug and multiple output sockets (e.g., German Type F) for device connections .
- o Material: Aluminium or THERMOLENE(R) for high stress resistance and electrical safety .
- o Flexibility: Can be supplied in various height unit sizes and customized with different equipment as needed .

Applications

- o Data centers and server rooms for organized power distribution.
- o Industrial or commercial racks requiring safe and reliable electrical connections.
- o Enclosures where space optimization and electrical safety are critical.

Additional Information

- o Stock availability may vary, and prices are typically quoted per piece excluding VAT .
- o CAD models and technical drawings are often available for download from manufacturer websites for planning and installation purposes .
- o Some models include switches, illuminated indicators, or rear-side connections for enhanced control and

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monitoring . This type of distribution box ensures efficient, safe, and flexible power management in 19-inch rack systems, making it suitable for both commercial and industrial applications .

The construction is made using black powder coated aluminum fitted with steel 19" mounting ears on each side. The total height

Distribution box is used to house PDUs which safely distribute electricity from

Distribution boards, together with modular ABB system pro M Compact protection devices and Modular Din Rail Components, can be

Large distribution board and narrow door - this is exactly the design of the RZA enclosure. Thanks to the robust construction of the

Distribution is an essential function for the electrical panels, as well as for control and circuit protection. As well as purely technical

Buy mobile, stackable and 19 power distribution units in professional quality directly online. A wide

The compact 2U 19inch Power-D-Box with sockets pre-wired on printed circuit board features aluminium profiled cross members with

Power distribution boxes, racks, splitters, adapters and cables. Custom-made and certified PDUs, easy to move and stack up.

A distribution box, also called an electrical distribution box, distributes incoming power to

Home > Products > Power Distribution Boxes > Rack Mount Power Distribution 19-inch Boxes > 32A 1pH+N+E 230V 2U Power

Distribution boxes, also known as electrical distribution boards or panels, are pivotal components in electrical systems, ensuring the

19 inch rack mount distribution panels Low cost enhancement to any 19 Inch rack mounted power system. Panels accommodate

These units, designed for installation in standard 19" racks, are available in different configurations and, depending on the model,



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Yet the distribution box is a highly complex component that not only ensures safe power distribution, but is also responsible for

The PSR269GS is a 19" power distribution unit with double illuminated switches, compliant to the ANSI/EIA RS-310D, DIN41491 and

Premium-Line FTTH distribution box is aim designed for multi-purpose applications in FTTH projects. Read more here!

Web: <https://www.kremgroup.co.za>

