

Type 108 Distribution Box



Overview

PD2-108 Power Distribution Box (POD), 8-10kVA UPS For installation flexibility, the Liebert GXT4 UPS's (5kVA to 10kVA) allow you to choose from several diff.

Key Takeaways

A Type 108 Distribution Box is a versatile electrical enclosure designed for safe power distribution, available in industrial, marine, and temporary installation variants with ratings from 100A to 800A.

Type 108 distribution boxes are used to manage and distribute electrical power safely across multiple circuits. They are available in various configurations, including flush-mounted, panel-mounted, and portable units, and are suitable for industrial, marine, and temporary power applications .

Key Variants and Specifications

- Schneider Electric DBSP108MF
- Modules/Ways: 10 modules, 2+8 ways
- Current Rating: 100A
- Insulation Voltage: 500V
- Impulse Withstand Voltage: 6kV
- Enclosure: Powder-coated steel, 1.2mm thickness, white (RAL 9003)
- Protection: IP41, IK08

- Standards: IEC 61439-1 and IEC 61439-3
- Mounting: Flush mount with plain door
- XY-BOX-108 (Marine/Industrial)
- Application: Shipboard power distribution, offshore platforms
- Material: Highly corrosion-resistant, robust multi-layered enclosure
- Optional Features: Multifunction meter, LED indicators, adjustable earth leakage relay, ventilation fan, emergency push button
- Customization: Available for complex maritime environments
- Powersafe 108mm Sequential Box
- Current Rating: Up to 800A
- Voltage Rating: 2kVac / 3kVdc
- Protection: IP67
- Design: Sequential mating system with key-locking to prevent connection errors
- Applications: Temporary installations, mobile generators, stadiums, field camps, data centers
- Panel Sizes: 88mm (2U) and 108mm (4U)
- Ports: 4 or 5 ports, with optional dummy plugs
- Lumberg Automation / Hirschmann 0930 DSL 108
- Primarily industrial distribution box; details include standard cable lengths and PNP/NPN status indicators

Applications

- Industrial: Factories, machinery, and automation systems
- Marine: Shipboard power distribution, offshore platforms
- Temporary Installations: Field camps, outdoor events, mobile generators
- Specialized Uses: Hospitals, stadiums, welding equipment, and data centers

Features to Consider

- Current and Voltage Ratings: Ensure compatibility with your system (100A-800A typical)
- Protection Level: IP41-IP67 depending on environment
- Mounting Type: Flush, panel, or portable

- Optional Accessories: Meters, indicators, earth leakage relays, ventilation, emergency controls
- Standards Compliance: IEC 61439 series for safety and reliability Type 108 distribution boxes are highly adaptable, offering robust protection, modularity, and optional features to suit diverse electrical distribution needs across industrial, marine, and temporary power applications.

Article Content

Distribution Boxes Technical Data

DC Micro Style Distribution Boxes Four-pin, One Signal per Port Cable Connector
Distribution Box Eight-port DC Micro Distribution

Distribution Boxes Technical Data

Topic DC Micro Style Distribution Boxes Four-pin, One Signal per Port Cable
Connector Distribution Four-pin, Two Signals per Port

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This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

