

Nordic Outdoor Distribution Box Models and Dimensions

Article Overview

Nordic outdoor distribution boxes are robust, weatherproof units designed for electrical and fiber optic distribution, with multiple models offering various socket configurations, IP44 protection, and wall or portable mounting options.

Key Models and Features

1. HOLTE G-Box Series

- o Designed for Nordic outdoor conditions with IP44 protection, resistant to dust, moisture, and splashes .
- o Available in plastic or steel enclosures, suitable for wall mounting or portable use.
- o Features include integrated service hatches, automatic door closers, twist locks, and padlock systems for security .
- o Socket configurations: IEC-Intag 16A, IEC-Uttag 16A, and optional 32A CEE sockets.
- o Terminal connections support Cu 2 // 35mm² and Al 1 // 50mm² cables .
- o Applications: construction sites, temporary power distribution, outdoor events, and container installations.

2. Ex9XG Series Plastic Distribution Box

- o Suitable for construction sites, parking lots, gardens, and outdoor meters .
- o Provides waterproof, dustproof, smoke-proof, and moisture-proof protection.
- o Ideal for electricity meters and small outdoor electrical installations.
- o Lightweight plastic design allows easy wall mounting.

3. AZE 24-Port Outdoor Fiber Optic Distribution Box

- o Designed for FTTH and FTTx networks, suitable for building outer walls .
- o Supports mechanical splice, fusion splice, light splitting, and wiring distribution.
- o Features ready-to-install adapter slots and space for splitters, enabling efficient fiber management.
- o Double-layer design facilitates installation and maintenance.
- o Dimensions are optimized for compact wall mounting, though exact measurements vary by model.

4. Norden Communication Fiber Distribution Box (Model 329-22LC006X)

- o Supports 6-port, 12-port, and 24-port configurations with optional splitters (14, 18, 1*16) for fiber management .
- o Designed to maintain proper fiber radius and protect connections.
- o Suitable for outdoor fiber optic installations in Nordic climates.

Typical Dimensions and Mounting

- o While exact dimensions vary by model, wall-mounted boxes generally range from 300-600 mm in height, 200-400 mm in width, and 100-200 mm in depth for electrical distribution units .



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- o Fiber optic boxes are slightly more compact, often 250-450 mm height, 200-350 mm width, and 80-150 mm depth .
- o All models provide mounting holes or brackets for secure wall installation, and some portable units include carrying handles for mobility.

Summary

Nordic outdoor distribution boxes are engineered for durability, safety, and ease of maintenance in harsh outdoor environments. Models vary by material, socket type, and application, including electrical power distribution and fiber optic management. Key considerations when selecting a model include IP rating, number of sockets or ports, mounting options, and compatibility with local electrical standards .

14 enclosure families across four application groups -- outdoor general-purpose, solar PV, circuit-breaker MCB, and

AC power distribution cabinet electrical NEMA enclosures from L-com are suitable for DAS systems, electrical sub-panels, load

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Find out how junction boxes for surface-mounted installation, surface-mounted distribution boxes and terminal boxes can improve

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5. Application The Ex9XG series plastic distribution box is suitable for construction sites, outdoor charging stations parking lots,

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Outdoor distribution box should be installed in an area close to the power source, and should be selected in an area where electrical

Nordic Fiberglass manufactures box pads for pad mount transformers, switchgear, and other pad mount

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However, choosing the right type of distribution box, particularly when comparing indoor and outdoor

According to low tension directive 2014/35/EU. Surface enclosures with a capacity of 4, 6, 8, 12, 18, 24, 36 and 54 modules with

Nordic India - DCDB / ACDB / STRING MONITORING COMBINER BOX Nordic India offers array junction (DC distribution) boxes,

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