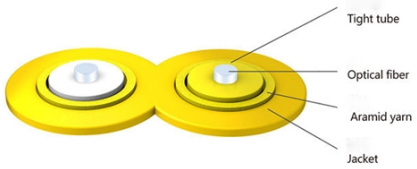
Price Inquiry for Smart Building Distribution Boxes in Malaysia



Cable structure

Overview

Distribution Box Malaysia: Reliable Suppliers & PricingFind top-rated distribution box Malaysia suppliers with IP65 waterproof, flame retardant, and custom.

Key Takeaways

Smart building distribution boxes in Malaysia range from approximately RM50 to RM500+ depending on type, material, and number of ways.

Overview of Distribution Boxes

Distribution boxes (DBs) are essential for electrical safety and power management in smart buildings. They typically include Miniature Circuit Breakers (MCBs), Residual Current Devices (RCDs), or Residual Current Circuit Breakers (RCCBs) to protect circuits from overloads and earth leakage. For smart building applications, modular designs with spare ways for future expansion are recommended, and enclosures should meet IP ratings (e.g., IP55) for outdoor or high-moisture areas.

Price RangesPlastic/ABS Distribution Boxes: Common for residential or light commercial use, supporting 2–16 ways. Prices typically range from RM50 to RM150 depending on size and number of circuit slots. These are lightweight, easy to install, and suitable for indoor applications.

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Metal/

Stainless Steel Distribution Boxes: More durable and corrosion-resistant, ideal for industrial or high-humidity environments. Prices generally start from RM200 and can exceed RM500 for larger, modular, or IP-rated enclosures.

Industrial/

Modular Boxes: Brands like IEP MARECHAL® offer configurable boxes for industrial applications, tunnels, or hazardous areas. Pricing is usually custom-quoted based on configuration, protection type (fuse, RCD, ELCB), and installation requirements. Suppliers in MalaysiaKVC Malaysia: Offers a range of LV distribution boxes and enclosures suitable for commercial and industrial projects.

IE

P Malaysia: Provides industrial-grade and modular distribution boxes with options for hazardous environments. Shopee Malaysia: Retail platform for smaller ABS plastic distribution boxes for smart homes, hotels, and shops, with prices starting around RM50. Combicom Sdn Bhd: While primarily focused on SMATV/MATV systems, they also supply signal distribution components for integrated building projects, which may include specialized distribution boxes.

Considerations for Smart Buildings

Certification: Ensure boxes are SIRIM-certified and installed by a Licensed Electrical Worker (LEW). Load Requirements: Determine single or three-phase supply based on total connected load. Future Expansion: Choose modular boxes with spare ways for additional circuits.

Environmental Conditions: Use IP-rated enclosures for outdoor or high-moisture areas. Maintenance Access: Modular designs allow easier upgrades and troubleshooting. For precise pricing, it is recommended to contact suppliers directly with your project specifications, including the number of ways, material preference, and required certifications.

Many suppliers provide custom quotes for industrial or large-scale smart building installations.

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Article Content

Distribution Box Malaysia: Reliable Suppliers & Pricing

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Malaysia Distribution Boxes

Below is an in-depth analysis of the most commonly used materials for distribution boxes in Malaysia, highlighting their strengths, ideal applications, and long-term benefits.

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Malaysia Integrated Distribution Box Market Engineering 2025

The price sensitivity of the Malaysian market necessitates competitive pricing strategies, which influence product design and materials used.

Malaysia Distribution Boards Market (2025-2031) | Trends, Outlook ...

The distribution boards market in Malaysia plays a critical role in electrical distribution systems across residential, commercial, and industrial settings. Distribution boards, also known as breaker boxes or

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