

Dimensions of Industrial Distribution Boxes in the Philippines

Article Overview

Industrial distribution boxes in the Philippines come in a variety of sizes, typically ranging from small wall-mounted enclosures to large floor-standing units, with materials and protection ratings suited for diverse industrial applications.

Common Types and Materials

- o Steel Enclosures - Often used for harsh environments, these include small (PanelSeT SBX), compact wall-mounted (PanelSeT S3X), floor-standing monobloc (PanelSeT SMX), and large configurable floor-standing designs (PanelSeT SFX). They provide high protection (up to IP66) and shock resistance (up to IK10) and are suitable for industrial, petrochemical, and food & beverage applications (Schneider Electric Philippines) .
- o ABS and Polycarbonate Boxes - Lightweight and impact-resistant, these are commonly used for indoor and outdoor applications. For example, the HT Distribution Box features an ABS body with a transparent PC cover, rated IP65, suitable for electrical, communication, and industrial equipment (GEYA Electrical Equipment Supply) .
- o Fiberglass Reinforced Polyester Enclosures - These are corrosion-resistant and ideal for outdoor or chemical environments, offering durability and protection against harsh conditions (Schneider Electric Philippines) .

Typical Dimensions

- o Small Wall-Mounted Boxes: Often range from approximately 200 mm x 150 mm x 100 mm to 400 mm x 300 mm x 150 mm, suitable for compact installations and small MCB panels (Schneider Electric Philippines, Goldpeak Tools PH) .
- o Medium Floor-Standing or Monobloc Units: Dimensions can range from 600 mm x 400 mm x 200 mm up to 1000 mm x 800 mm x 400 mm, providing space for larger electrical panels and busbars (Schneider Electric Philippines) .
- o Large Configurable Floor-Standing Enclosures: Customizable sizes exceeding 1200 mm x 1000 mm x 500 mm, designed for industrial control systems and high-capacity distribution panels (Schneider Electric Philippines) .
- o Surface Boxes: Height-adjustable synthetic surface boxes are available in various dimensions to meet DIN/EN standards or local specifications, typically used for utility or communication installations (AVK Philippines) .

Additional Considerations

- o Protection Ratings: IP65-IP66 for dust and water resistance; IK10 for impact resistance in steel enclosures .
- o Mounting Options: Wall-mounted, floor-standing, or surface-mounted depending on application and space

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availability .

o Customization: Many suppliers offer modular or configurable designs to accommodate specific electrical layouts, cable entry points, and ventilation requirements . In summary, industrial distribution boxes in the Philippines are available in a wide range of dimensions and materials, from compact wall-mounted ABS or polycarbonate units to large steel or fiberglass floor-standing enclosures, with protection ratings suitable for both indoor and outdoor industrial applications. The choice of size and material depends on the installation environment, electrical load, and regulatory requirements.

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