

Dimensions of AW distribution box



Overview

AW and AL dimensions of distribution boxes Distribution Boxes Explained: Types, Functions, and Learn about distribution boxes, their types, functions, and.

Key Takeaways

AW distribution boxes typically have compact, modular dimensions suitable for industrial automation, with lengths, widths, and heights varying by model and port configuration. General Dimensions

AW distribution boxes are designed for M8 and M12 connectors and come in multiple port configurations (4, 6, or 8 ports). While exact dimensions depend on the specific model, typical measurements are provided in manufacturer datasheets:

- Length: Approximately 80–150 mm depending on the number of ports and configuration .
- Width: Around 50–70 mm for standard single or dual pre-wired boxes .
- Height: Usually 30–60 mm, allowing compact installation in control panels or machinery . These boxes are IP67-rated, providing protection against dust and water ingress, and are designed for industrial environments with vibration and oil resistance .

Cable and Mounting Considerations

- Cable lengths: Standard pre-wired cables are available in 1 m, 2 m, 3 m, 4 m, 5 m, and 10 m lengths, with custom lengths possible for higher minimum order quantities .

- Mounting: Most AW distribution boxes support DIN rail or panel mounting, with mounting holes aligned to standard industrial spacing .
- Port types: Options include M8, M12, or M16 homerun connectors, with LED indicators for power and function .

Summary

AW distribution boxes are compact, modular, and robust, with dimensions tailored to the number of ports and intended industrial application. For precise measurements, it is recommended to consult the specific model datasheet, as dimensions vary slightly between 4, 6, and 8-port configurations and between single or dual pre-wired versions .

Article Content

Distribution Boxes Technical Data

Summary of Changes
 Four-pin, One Signal per Port Cable Connector Distribution Box
 Cable Connector Wiring
 Cable Connector Four-pin, One Signal per Port Cable with Terminal Block Connector Distribution Box
 Mechanical Product Selection
 Cable Mechanical (1.3) Additional Resources
 Rockwell Automation Support
 This publication contains the following new or updated information. This list includes substantive updates only and is not intended to reflect all changes. See more on literature.
 rockwellautomation eaton

Type 1, 3 and 3R enclosures - Eaton

Knockouts are standard on cabinets 24 inches wide and smaller. (1) Door opening is approximate. Consult the local Utility for area

Vertiv NetSure External Distribution Box (EDB)

Overview The Vertiv™ NetSure™ External Distribution Box (EDB) accommodates both DC distribution and fiber distribution in a

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

