

Standard dimensions of four distribution boxes



Article Overview

A typical four-gang distribution box measures approximately 3-3/4 inches long x 7-3/8 inches wide x 3-1/2 inches deep.

Typical Dimensions

For a standard four-gang masonry box used in electrical installations:

- Length: 3-3/4 inches (95 mm)
- Width: 7-3/8 inches (187 mm)
- Depth: 3-1/2 inches (89 mm)
- Volume: 93.5 cubic inches
- Material: Galvanized steel with welded construction
- Knockouts: 1/2 inch and 3/4 inch concentric knockouts for conduit connections
- Grounding: Includes #12 AWG solid ground wire pigtail for safety

Variations and Considerations

- Residential vs Industrial: Residential four-gang boxes are generally smaller and designed for wall mounting, while industrial distribution boxes may have larger dimensions to accommodate more circuits, bus bars, or PLCs .
- Number of Ways: Distribution boxes can range from 1-way to 36-ways; four-gang boxes typically support 4 circuits or devices .
- Material Options: Boxes may be made of galvanized steel, plastic, or aluminum de...

Article Content

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TECHNICAL SPECIFICATION I.R.O. 63,100,160 & 315 KVA

1. SCOPE: This Specification covers the design, manufacture, testing at works and supply of Distribution Boxes made out of CRCA

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Four-pin, One Signal per Port Cable Connector Distribution Box
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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.
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Complete Guide For Distribution Boxes Types

Distribution boxes, also known as electrical distribution boards or panels, are pivotal components in electrical systems, ensuring the

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Distribution Boxes

They range from simple 4 hole distribution boxes to the large "Rhino" 10 hole box. All boxes are made from robust polypropylene (that

Contact Us

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