10 Distribution Box Dimensions

Overview

Distribution box catalogue | PDF This document provides specifications for various distribution boxes including dimensions, mounting sizes, and number of w.

Key Takeaways

A typical 10-way distribution box measures approximately 19 x 11.5 x 9 cm, suitable for indoor or outdoor installation with IP54/IP65 protection.Standard Dimensions

For a 10-way or 10-pair distribution box, the physical dimensions are generally:

• Length: 19 cm

• Width: 11.5 cm

• Height: 9 cm These dimensions are based on standard outdoor boxes with water and dust resistance compliant with IP54 (for general outdoor use) and IP65 (for higher protection in industrial or photovoltaic applications) .
Material and Construction
• Material: Durable PC (polycarbonate) plastic for mechanical strength and weather resistance .

• Layers: Available in single, double, or triple layers depending on wiring requirements .

© 2026 JEWELBLU OPTICAL SYSTEMS - All rights reserved

• Standards Compliance: Meets IEC standards such as IEC60529, IEC62262:2021, and IEC60695-2-10:2013 for electrical protection and safety .
Applications
• Indoor/Outdoor Use: Suitable for industrial, commercial, and photovoltaic installations .

• Mounting: Can be wall-mounted or installed in terminal boxes alongside accessories like lightning arresters .

• Capacity: Supports 10 ways or 10 pairs of connections, making it ideal for small to medium electrical distribution setups .
Additional Notes
• Customization: Some manufacturers offer variations in size and number of ways (from 4 to 39 ways) to accommodate different wiring needs .

• Future-Proofing: Modern 10-way boxes are designed to handle higher amperage and pre-wired configurations for ease of installation . These specifications ensure that a 10-way distribution box is compact yet robust, providing reliable protection for electrical circuits while fitting standard installation spaces.

Article Content

Distribution Boxes Technical Data

Summary of ChangesFour-pin, One Signal per Port Cable Connector Distribution BoxCable ConnectorWiringCable ConnectorFour-pin, One Signal per Port Cable with Terminal Block Connector Distribution BoxMechanicalProduct SelectionCableMechanical(1.3) Additional ResourcesRockwell Automation SupportThis 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 etek-electric

EKDB10 Distribution Box | IP65 Plastic Waterpro

Discover EKDB10 IP65 waterproof distribution boxes made of durable PC plastic. Available in 4-39 ways,

© 2026 JEWELBLU OPTICAL SYSTEMS - All rights reserved

Contact Us

Continue your research online:

Website: https://jewelbluimages.co.za
Technical inquiry: https://jewelbluimages.co.za/contact.html

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

© 2026 JEWELBLU OPTICAL SYSTEMS - All rights reserved