ZITHA TECH SPECIALTY CABLES (Pty) Ltd

Dimensions of a 35kV intermediate joint box



Overview

WOER 35KV Cable Intermediate Joint Fire and Explosion Proof Box Measuring 2100mm in length and 240mm in diameter, the box offers sufficient space for secur.

Key Takeaways

A standard 35kV intermediate joint box typically measures 2100mm in length with an inner cavity diameter of 240mm, though variations exist depending on manufacturer and cable configuration.

Typical Dimensions and Specifications
• Length: 2100mm (WOER 35kV SMC box) provides ample space for cable joint connections .

• Inner Cavity Diameter: 240mm, suitable for housing large cable joints securely .

• Alternative Sizes: FRP explosion-proof boxes for 35kV single-core or three-core joints are available in lengths ranging from 1600mm to 2300mm, with inner widths/diameters from 125mm to 280mm depending on the model (e.g., VB-1600-125-70 to VB-2300-280-125), .

• Material: High-strength Sheet Molding Compound (SMC) or Fiber Reinforced Plastic (FRP), offering fireproof, explosion-proof, and corrosion-resistant properties .

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• Environmental Resistance: Designed for outdoor and industrial use, resistant to moisture, UV exposure, temperature fluctuations (-50°C to 150°C), and chemical corrosion .

• Installation: Typically divided into upper and lower parts with a secure closure system; connecting fittings are often sold separately for customization .
Considerations for Selection
• Cable Compatibility: Ensure the box accommodates the specific cable type (single-core or three-core) and cross-sectional area. Some boxes are designed for 50–120mm² cables .

• Safety Ratings: Fire and explosion-proof ratings are critical for high-voltage applications to prevent secondary accidents .

• Customization: Many manufacturers offer custom configurations to match installation requirements, including length, diameter, and mounting options .

In summary, a 35kV intermediate joint box generally ranges from 1600mm to 2300mm in length with inner diameters from 125mm to 280mm, with the most common standard being 2100mm length and 240mm inner diameter for single-core applications, constructed from durable SMC or FRP materials for high-voltage safety and environmental protection .

Article Content

WOER 35KV Cable Intermediate Joint Fire and Explosion Proof Box

Measuring 2100mm in length and 240mm in diameter, the box offers sufficient space for securely housing intermediate cable joints.

cable Intermediate Joint explosion-proof box,explosion-proof box

This type of explosion-proof box is suitable for the protection of intermediate joints in cable trenches or directly buried environments,

10-35kv High-Voltage Cable Intermediate Joint Explosion-Proof Box

It retains good physical and mechanical properties even in environments ranging from -50ºC to +150ºC, boasting an IP55 protection

Explosion-proof box for cable intermediate connector

The high voltage cable joint explosion-proof box is a safety device specifically designed to protect high voltage cable joints, widely

Customized Cable Accessory Intermediate Joint Explosion-Proof Box

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Explosion-Proof Design: Certified explosion-proof junction box suitable for hazardous environments. Durable FRP Material: Shell

10kv/35kv FRP Cable Explosion-Proof Box, Cable Intermediate Joint ...

(1) The explosion-proof box is made of high-strength composite material SMC and is formed by forging and pressing at one time,

Long cable three-core explosion-proof box with glue connector ...

Large Dimensions: Measuring 400x300x160mm, the box provides ample space for housing various electrical components and wiring.

Cable Intermediate Joint Explosion-Proof Box 10kv-35kv FRP

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TERMINAL AND JOINT BOXES FOR PAPER INSULATED CABLES

Indoor cable terminal boxes are used for terminating three core paper insulated cables, 10 kV (classical or "NON-DRAINING"). They

35Kv Fiberglass High-Voltage Cable Intermediate Joint ...

2. the combination part of the explosion-proof shell uses a silicone rubber sealing ring to seal the casing to enhance the waterproof

600 A 35 kV class separable splices catalog

General Eaton''s Cooper PowerTM series 600 A, 35 kV Class deadbreak separable splices are used to splice two, three or four

10kv/35kv FRP Cable Explosion-Proof Box, Cable Intermediate Joint ...

This product has a simple design structure and easy installation, and can be applied to the protection of cable intermediate joints

3M™ Cold Shrink QS-III Inline CN/JCN Cable Splice Kits 5467A,

3M™ Cold Shrink QS-III Inline CN/JCN Cable Splice Kits 5467A, 5468A and 5469A Series is an inline splice designed to join 35kV

35kV Cable Sleeves Cold Shrink Tubing: Termination & Intermediate Joint ...

Explore our 35kV Cable Sleeves Cold Shrink Tubing Cable Termination Intermediate Joint. Ideal for reliable cable connections, this

LINK BOXES – Cable Grid

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Link Box, a box in which bonding or grounding connections, are made through removable links, and also contain arrestors

35kv High Voltage Three-Core Cold Shrinkable

35kv High Voltage Three-Core Cold Shrinkable Intermediate Connector Cable Joint Kits, Find Details and

Long cable three-core explosion-proof box with glue connector ...

Shop the Long Cable Three-Core Explosion-Proof Box with Glue Connector, designed for high-voltage 35KV intermediate joints.

5kV / 15kV / 25kV / 35KV Junction Box

5kV / 15kV / 25kV / 35KV Junction Box Designed to facilitate the connection of medium voltage cables, the junction box is built with a

Customized Cable Accessory Intermediate Joint Explosion-Proof Box 35kv ...

Customized Cable Accessory Intermediate Joint Explosion-Proof Box 35kv 3-Core Explosion-Proof Cable Connector for Safety, Find

35KV Medium Voltage Junction Box

35kV Medium Voltage Junction Box is designed for cable connection and power distribution with high-performance insulation and

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Source quality products Made in China. Find reliable China Suppliers, Manufacturers, Factories, Wholesalers & Exporters on the

Cable Joint & Terminations Cable – Ganelec

GANELEC distributes Aberdare joints and terminations in South Africa and Africa. These joint and termination kits are high-quality

Heat Shrink Medium Voltage Cable Joints for Power Systems

Heat shrink medium voltage joints by Raychem RPG ensure insulation reliability and durable power cable connections.

Terminal boxes | Junction boxes | Ex | Ex e | Ex d | ATEX | Explosion ...

We offer bespoke, custom-made terminal boxes and terminal box combinations, as well as standard products with short delivery

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Our company''s FRP explosion-proof box model is VB, which is used for the protection of the intermediate

Junction Bars and Sectionalizing Cabinets

Junction bars and sectionalizing cabinets provide an extremely compact, versatile solution for loop, tap, grounding, testing or

An Overview of Electrical Joint Boxes: Standards, Grades, and ...

Types of Electrical Joint Boxes An electrical joint box, also known as a junction box, is a protective enclosure designed

35k Dist Standards 35KV manual all

For all metering installations (secondary, 15kV, 25kV, & 35kV), refer to Section AOJ in the APCO Company Specific Section of the

P935JY 35kV Disconnectable Y Bus

The Richards Disconnectable Joint system is a multi-way medium voltage cable splicing system available through 35kV. Commonly

MEDIUM VOLTAGE JUNCTION BOX MVJB

TE Connectivity''s (TE) Medium Voltage Junction Box MVJB with set of TE''s Raychem Screened Separable T-connectors RSTI

Junction Boxes for Electrical Connections | Lowe''s

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Junction boxes protect and organize electrical wire connections in residential and commercial installations. Available in multiple

35kV Deadbreak Junctions

The 35kV Deadbreak Junction provides multiple 600 35kV Deadbreak Bushing interfaces (IEEE 386, Interface 13) connected to a

Long cable Aluminum core intermediate joint 3*95,35KV Sales ...

The Long Cable Aluminum Core Intermediate Joint 395, 35KV is a high-performance solution designed for connecting medium to

Instrument Junction Boxes

Junction Box Materials of Construction Junction boxes can be manufactured in a variety of materials including stainless steel, mild

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