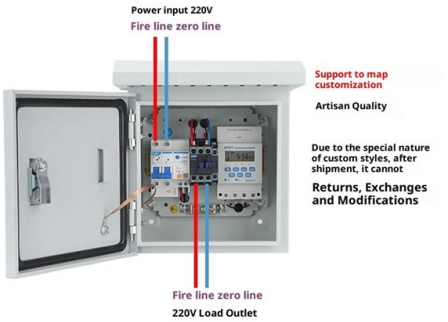
Type 140 Fiber Optic Splice Box

Product Wiring Diagram



Overview

AXISTX1401 AXIS TX1401 Fiber Optic Cable Splice BoxIntegrated splice cassette for easy installation Certified for Zones 1 and 2 Two cable glands for secure.

Key Takeaways

The Type 140 Fiber Optic Splice Box is a robust enclosure designed to protect and organize fiber optic splices, suitable for both standard and hazardous environments.

Overview

The Type 140 Fiber Optic Splice Box, such as the AXIS TX1401, is engineered to provide secure, organized, and durable housing for fiber optic connections. It is particularly designed for explosion-protected environments and is certified to ATEX, IECEx, and INMETRO standards, making it suitable for Zone 1 and Zone 2 hazardous areas with potentially explosive gas or dust atmospheres. The enclosure is typically made of stainless steel, ensuring high durability and resistance to harsh conditions.

Key Features

Splice Protection and Organization: Includes a splice cassette that accommodates fiber cables, manages excess lengths, and organizes pigtails for easy connection to devices. Connector Compatibility: Supports all common connector types, including LC, SC, E2000®, and ST, allowing flexible integration with network equipment. Cable Entry and Strain Relief: Equipped with cable glands to protect incoming cables and maintain proper strain relief, ensuring minimal signal loss.

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Environmental Protection: Designed to withstand temperature variations, dust, and moisture, with IP66-rated enclosures available in some models. Maintenance and Accessibility: The splice cassette is removable and stackable, and the front panel can be opened for easy access to splices, facilitating maintenance and network expansion.

Applications

Hazardous Areas: Ideal for industrial environments such as oil and gas, chemical plants, and offshore installations where explosion protection is required. Standard Network Installations: Can also be used in indoor or outdoor fiber optic networks, including FTTH (Fiber to the Home) and data center applications.

High-

Reliability Networks: Ensures low signal loss and high bandwidth performance, supporting advanced technologies like Dense Wavelength Division Multiplexing (DWDM).

Installation and Maintenance

Mounting Options: Can be installed in 19″ racks, server cabinets, or wall-mounted setups depending on network design. Splicing Methods: Supports fusion splicing for permanent, low-loss connections and mechanical splicing for faster field deployment. Scalability: Additional splice cassettes can be added to expand capacity, and active components can be replaced with minimal disruption.

Summary

The Type 140 Fiber Optic Splice Box is a versatile, durable, and secure solution for managing fiber optic splices. Its combination of environmental protection, connector flexibility, and ease of maintenance makes it suitable for both hazardous industrial applications and high-performance network installations, ensuring reliable and long-lasting fiber optic connectivity.

Article Content

AXISTX1401 AXIS TX1401 Fiber Optic Cable Splice Box

Integrated splice cassette for easy installation Certified for Zones 1 and 2 Two cable glands for secure cable entry

AXIS TX1401 Fiber Optic Cable Splice Box

With a stainless steel protective enclosure, this durable solution includes everything you need for secure and efficient fiber optic installations in hazardous areas. It comes with two cable glands for cable

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Terminal and Junction Boxes (Ex e, Ex i, Ex op)

The GR.TFO splice boxes in glass fiber reinforced IP66 polyester enclosures enable safe protection of fiber optic cable splices in hazardous areas. Each of these sturdy splice boxes can hold up to 8

Compact FO splice boxes for DIN rails

Future-proof high-speed data transmission: Splice boxes from Phoenix Contact ensure continuously reliable real-time data transmission. With their compact and

Splice boxes | Phoenix Contact

With their compact and uniform design, the splice boxes for both the DIN rail and 19" mounting provide ample interior space for the secure connection of fiber optics.

Distributors: Splice Boxes & Optical Network Terminal

Splice boxes and splice distributors are essential for a reliable fiber optic cabling system and serve as a connecting point between the fiber optic installation cable

Fiber Splice Boxes | Amphenol Network Solutions

These aluminum enclosures are designed for high-density splice storage, with emphasis on proper fiber management and versatility of cable port seals and

FO Splice Boxes in Glass-Fiber Reinforced Polyester

All product-related documents, such as certificates, declarations of conformity, etc., which were issued prior to the conversion under the name Pepperl+Fuchs GmbH

Top 15 Fiber Optic Manufacturers (2026 Global Ranking)

An authoritative 2026 guide to the top 15 fiber optic manufacturers — from Corning and Prysmian to Fujikura and LS Cable — with headquarters, tech focus, and flagship products.

Fiber optic products DigitalCatalog 2025_OpticalCable

Fiber Ribbon in SZ-grooved spacer-the solution for mid-span access Conventional helical grooved spacer has a merit of high fiber density in a cable, but it takes time and labor to take out fiber ribbon

Fiber Optic Patch Panel: 10 Best Options for 2025 Success

Discover the best fiber optic patch panel options for 2024. Learn how to choose, install, and maintain your fiber network for future growth.

Standard for Installing and Testing Fiber Optics

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Fiber optic cables installed without connectors may be terminated by field termination by installing connectors onto the fibers using different types of termination processes or by splicing preterminated

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Fiber Optic Splice Enclosure, Fiber Optic Joint Enclosure Box

We have different types of joint closure fiber optic boxes. You can click and check the details of our splice enclosure types below. If you have any questions about our optical fibre cable joint closure, or

Splice distributors and junction boxes

Select variants Item no. B78902.24 Mini-Wall Distributor LCdpx. 50/125µ, 24 Pigtails / 12 Adapter Color: grey Type of connector external: LC-Duplex With number of couplings/adapters: 12 Select variants

Fiber Splice Boxes | Amphenol Network Solutions

Fiber splice boxes from Amphenol Network Solutions are designed for splice-only applications. They are suited for optical cable splice collection points for DAS, MTU and MDU.

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29 Companies and suppliers for tajikistan-fiber-optic-cable-rewinding-machine Find wholesalers and contact them directly Leading B2B martketplace Find companies now!

Fiber Optic Splice Boxes: Selection Criteria, and Maintenance Best ...

2. What factors should be considered when selecting a fiber optic splice box? Consider the type of fibers, environmental conditions (indoor vs. outdoor), capacity requirements for current and future

Related Video Reference

This video was associated with the source search result. Verify technical details against current product documentation and project requirements.

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

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