Can cable tray supports have hangers



Overview

Decoding Cable Tray Support Structures: Tips and InsightsDiscover efficient cable tray support structures for optimal cable management. Learn about hanger.

Key Takeaways

Cable tray supports often include hangers, but they are typically sold as separate components or as part of a support assembly depending on the system.

Overview

Cable tray support systems are designed to securely hold and route cables along ceilings, walls, or floors. These systems consist of cable trays, support elements, mounting hardware, and accessories. Hangers are a key type of support element used to suspend trays from ceilings or other overhead structures.

Types of Hangers and Supports

Trapeze Hangers: Pre-assembled or custom, these hangers suspend cable trays from ceilings and are commonly used in electrical rooms and data centers. G Hanger Support Brackets: Designed for overhead support of trays, trunking, or baskets, available in various sizes for different load requirements.

Stand-

Off Brackets: Mount trays or baskets with clearance from walls or surfaces, sometimes used in combination with hangers.

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Cantilever and Wall-

Mounted Brackets: Provide lateral support along walls or vertical surfaces, often used where ceiling suspension is not feasible.

Inclusion in Support Packages

While some prefabricated support assemblies may include hangers, in many cases, hangers are purchased separately to allow flexibility in installation and to accommodate different tray sizes, load capacities, and mounting conditions. The choice of hanger depends on the tray type (ladder, wire mesh, or solid-bottom), the installation environment, and structural requirements.

Installation Considerations

Ensure the hanger type matches the tray width and weight. Maintain proper spacing and alignment to prevent sagging or overloading. Comply with relevant standards such as DIN EN 61537 for industrial installations and NEC 392 for cable fill and support spacing.

Consider corrosion resistance and material type (pre-galvanized steel, stainless steel) for durability.

Conclusion

Cable tray supports can include hangers, but they are often separate components to provide flexibility in installation. When planning a cable tray system, it is important to select compatible hangers or support brackets that meet load, spacing, and environmental requirements to ensure safe and reliable cable management.

Article Content

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Ultimate Guide to Cable Tray Hanging Systems: Choice and Installation

Get to know how to select and install cable tray hanging systems. This guideline addresses the load capacity, spacing and material finishes to maintain the project safety and stability

Guide to cable support systems

Examples of support elements include wall and support brackets, suspended supports and centre suspensions. Mounting elements are used to attach or fasten other elements to cable supports and

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Yes, many of the mounting options, such as wall brackets and ceiling suspensions, can be used for both wire mesh baskets and cable trays. The key is ensuring the weight of the cables is

INSTALLATION GUIDE

The tray can be affixed to the cross support in the majority of cases either to the inside or outside of tray. The placement of the vertical hanger is critical.

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