

Side-wall cable tray fixing



AI Overview

Cable trays can be securely fixed to side walls using compatible brackets, supports, or hangers designed for the tray type and load requirements.

Wall-Mounting Methods

1. Brackets and Supports: Cable trays are typically mounted to walls using wall brackets or supports that attach to the tray's side walls. These supports can be adjustable to maintain a gap between the tray and the wall, usually ranging from 0–40 mm, allowing for proper cable bending and airflow . Brackets may be placed inside or outside the tray depending on aesthetic or structural requirements . 2. Edge Engagement: During installation, the edge of the cable tray is lifted onto the bracket tip, and the opposite edge is pressed into place from below to ensure a secure fit . This method provides a clean and stable installation, especially in visible areas where design matters. 3. Compatible Fixings: Specialized fixings, such as Grippler cable tray hooks, are compatible with all side wall holes and slots, regardless of size. These systems can support trays from 100 mm to 300 mm wide and handle loads up to 45 kg with a 5:1 safety factor . Stainless steel hangers and adjustable wire rope systems are suitable for extreme environments or architectural applications.

Best Practices

- Follow Standards: Ensure trays and supports comply with BS EN 61537 for cable trays and ladders .
- Load Considerations: Select supports that can handle the weight of the cables and any additional equipment....

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Quick Installation Checklist (Key Steps) Cable tray cable installation generally follows these

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General Installation Guidelines: For more information refer to the latest NEMA standards and local building codes. Trough tray field

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These fittings are used in conjunction with cable trays to support cables in ventilation holes, assist with directional change of piping

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Support methods

Attach the bracket to the mounting surface, position tray over bracket and slide tray under tabs. Lock tabs down using a screwdriver.

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