

How to fix the cover plate of the vertical shaft cable tray



Overview

Therefore, the cable should be secured at intermediate points along the length of the vertical rise.

Key Takeaways

Secure the cover plate using appropriate clips, buckles, or hoops, ensuring a stable, corrosion-resistant connection suitable for the environment and access frequency.

Step 1: Choose the Right Fixing Accessory

The type of accessory depends on your installation needs:

- No-weld clips: Snap onto the tray and cover without tools, ideal for frequent access and quick installation. They provide a stable hold but are less suitable for high-vibration areas .
- Seven-shaped clips or riveting buckles: Clamp the cover firmly to the tray, offering a more permanent solution. Some may require screws for extra security .
- Stainless steel hoops: Recommended for wider trays or environments with high moisture or corrosive conditions, providing maximum durability .

Step 2: Prepare the Tray and Cover

- Inspect the tray for loose bolts, corrosion, or cracks. Tighten or replace any compromised components to ensure a stable base .

- Clean the edges of the tray and cover to remove dust, debris, or rust that could interfere with the clip or buckle grip.

Step 3: Install the Fixing Accessory

- Snap-on clips: Press the clip into place so the main body sits inside the tray and the smaller part grips the cover. Ensure it is fully seated for a secure hold .
- Seven-shaped clips or buckles: Slide the clip over the tray edge and tighten screws if required. Check that the cover is flush and cannot move under normal conditions .
- For vertical shafts, ensure clips are installed at regular intervals along the tray to prevent the cover from sliding due to gravity or vibration .

Step 4: Verify Stability and Safety

- Gently shake the cover to confirm it is firmly secured.
- For high-vibration or outdoor environments, consider additional clips or stainless steel fasteners to prevent loosening .

- Ensure the cover does not obstruct cable access points or interfere with maintenance operations.

Step 5: Maintenance

- Periodically inspect the cover and clips for wear, corrosion, or loosening.
- Replace any damaged accessories promptly to maintain safety and cable protection . By selecting the appropriate fixing accessory and following these installation steps, the vertical shaft cable tray cover will remain secure, durable, and safe for both cables and personnel.

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