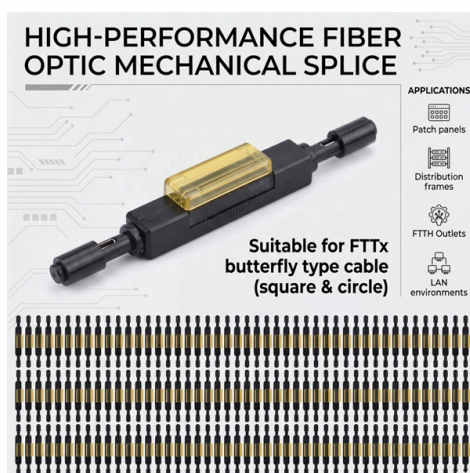


DANI ALONSO OPTICAL CONNECTIVITY

What is the purpose of the bronze plaque on the distribution box



Overview

Standard for Placing Bronze Plaques on Distribution Boxes Gemini recommends that you request this clear coat for plaques that are installed on posts, stakes.

Key Takeaways

The bronze plaque on a distribution box serves as an identification and information marker, providing essential details about the electrical system, manufacturer, and safety compliance. Identification and Manufacturer Information

The bronze plaque typically displays the manufacturer's name, model number, serial number, and production date. This information is crucial for maintenance, repairs, and replacement of the distribution box, ensuring that technicians can reference the correct specifications and parts when servicing the system .

Safety and Regulatory Compliance

Distribution boxes are central hubs for electrical circuits, containing circuit breakers, fuses, and busbars that manage and protect electrical flow . The bronze plaque often includes safety ratings, voltage and current limits, and compliance with local electrical codes or standards. This ensures that the installation meets regulatory requirements and informs users and electricians about the safe operating parameters of the box.

Maintenance and Troubleshooting

During servicing, the plaque provides quick reference information that helps electricians identify the correct panel, understand its capacity, and follow proper safety procedures. It may also indicate wiring diagrams or circuit layouts, which are essential for troubleshooting faults or planning upgrades .

Durability and Visibility

Bronze is chosen for plaques because it is durable, corrosion-resistant, and highly visible, making the information legible over the long lifespan of the distribution box, even in industrial or outdoor environments . This ensures that critical identification and safety information remains accessible throughout the life of the electrical system. In summary, the bronze plaque on a distribution box is a permanent, durable marker that provides identification, safety, and regulatory information, supporting safe operation, maintenance, and compliance of the electrical system .

Article Content

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480.7 (G) Identification of Power Sources.

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Distribution board

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A distribution boxes acts as the load center and main distributor of electrical power within a

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Power distribution boards, also known as a panelboard or fuse box, is a crucial component in

Distribution Box

The distribution box typically contains multiple ports or terminals to accommodate the incoming and outgoing cables. Electrical

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Step 2: Consider the Purpose Defining the application and overall purpose of your plaque helps to influence other plaque decisions

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