

Low-voltage busbar trunking supply



Article Overview

Low-voltage busbar trunking systems (BTS) are prefabricated, modular power distribution assemblies designed for efficient, flexible, and safe electrical distribution in commercial, industrial, and utility applications.

Overview and Applications

Low-voltage busbar trunking systems are modular assemblies that replace conventional cable risers and distribution cabling, providing a compact and extendable solution for power distribution. They are commonly used in:

- Office buildings and apartment blocks for rising mains and floor distribution
 - Factories, data centers, airports, and hospitals for high-current distribution
 - Interconnection between switchboards, transformers, and sub-distribution systems
- Busbar trunking can be installed vertically, horizontally, or in combination, and power is drawn via tap-off units at defined positions along the trunking, typically protected by overcurrent devices .

Types and Construction

Busbar trunking systems are available in two main types:

- Sandwich (enclosed) type: Compact footprint, high current density, better electromagnetic performance, ideal for crowded ceilings, risers, and data centers
 - Air-insulated type: Easier visual inspection, lower cost, simpler maintenance, suitable for less congested installations
- Conductors are usually aluminum or copper...

Article Content

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L& T Busbar Trunking System Overview

This document provides an overview of busbar trunking systems, including their definition, types, applications and standards. It

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IEC COPPER EDITION

INTRODUCTION PMAX H is a patented range of busbar trunking that is utilised within building and industrial applications to deliver

Contact Us

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