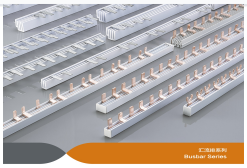
Busbar System and Accessories

These busbar systems ensure safety and reliability while saving time. They are easy to use in all kinds of electrical boxes and feature low power consumption.

ADDITIONAL IMAGES



Overview

Modern Electrical Connection System

This busbar system provides an advanced, efficient alternative to traditional miniature circuit breaker (MCB) connection methods. Engineered for superior performance, it offers a wider contact area, significantly lower power consumption, and reduced temperature rise compared to outdated wiring practices. Constructed from high-quality pure copper, these busbars ensure excellent electrical conductivity, low contact resistance, and enhanced safety for various building electrical applications.

Technical Specifications

Busbar Material	E-CU-F25 (Pure Copper)
Insulation Material	PVC, PC/ABS
Nominal Voltage	415 V
Max Operating Voltage	500 V
Surge Voltage	4 kV
Short-circuit Strength	50kA/250A gl
Dielectric Strength	36 kV/mm

Performance Metrics

Key Performance Metrics

45 mm²	235 A	150 A
Max Cross-Section	Max Current (Middle Feed)	Max Current (End Feed)

Configuration Table

Busbar Sizing Specifications

Cross Section (mm²)	Thickness (mm)	Max Current End Feed (A)	Max Current Middle Feed (A)
6	1.2	40	63
10	1.5	63	100
13	1.5	70	110
16	1.5	80	130
22	2	100	180
33	3	130	220
45	3	150	235

Applications

Common Applications

- Building electrical distribution
- Low-voltage power cabinets
- Distribution boxes
- Lighting boxes
- Multi-channel distribution equipment