

Busbar Tap-Off Boxes (Plastic, Aluminum, or Sheet-Metal Housing; 16 A – 400 A)

Product Features

- Available in plastic (16–80 A), aluminum (80–125 A), and sheet-metal (125–400 A) housings
- IP55 protection when housing cover is closed; IP2X safety when opened
- Customizable with a variety of internal components:
 - Circuit breakers (automatic or thermal-magnetic)
 - Switches or residual current devices (RCDs)
 - NH fuses
 - Surge arresters or energy analyzers
 - Energy meters and current transformers for monitoring
- Supports energy metering via RJ-45, leveraging structured cabling for real-time power monitoring and data collection
- Designed independent of brand—compatible with third-party electrical equipment for flexible deployment

Product Description

The Busbar Tap-Off Boxes are essential accessories that interface with busbar trunking systems to safely draw power at designated points. Offered in a choice of plastic, aluminum, or sheet-metal housings, they cater to a current range from 16 A up to 400 A. Designed for convenience and safety, they feature built-in electrical protection such as circuit breakers, fuses, and surge devices, and offer RJ-45 connectivity for monitoring energy consumption seamlessly. These tap-off units enable real-time power data tracking, critical for optimizing energy usage in modern IT infrastructures, data centers, or industrial setups. Their modular, brand-agnostic design allows easy customization and integration with various electrical components.

Product Specifications

Current Range:	16 A – 80 A (plastic); 80 A – 125 A (aluminum); 125 A – 400 A (sheet-metal)
Housing Materials:	Plastic, Aluminum, Sheet-Metal
Ingress Protection:	IP55 (closed); IP2X (opened)
Integrated Components (optional):	Circuit breakers, RCDs, NH fuses, surge arresters, energy analyzers, energy m
Energy Metering Interface:	RJ-45 connectivity via structured cabling
Component Compatibility:	Supports third-party brands for customization
Usage Applications:	Ideal for real-time monitoring in data centers, industrial facilities, commercial bui