

Data Center Power Distribution Busway

This power distribution busway is designed for data centers, providing unmatched flexibility and scalability. Varying power densities can be accommodated within the same busduct infrastructure due to its modular and interchangeable design.



Overview

High-Efficiency Data Center Power Distribution

This intelligent power distribution system is engineered specifically for data centers and critical power environments. Featuring a low magnetic aluminum alloy housing, the design effectively minimizes weight while mitigating eddy current and hysteresis losses. The system supports full life-cycle monitoring, including integrated temperature rise detection and standard data communication interfaces for real-time operation analytics.

Electrical Specifications

Current Ratings

125 A Minimum Current	800 A Maximum Current
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Voltage Specifications

Parameter	Value
Rated Operation Voltage	380/400/415 VAC
Rated Insulation Voltage	690 V
Rated Frequency	50/60 Hz

Physical and Protection

Protection Rating

IP 32

Supported Wiring Configurations

- 3 phase 5 wires
- 3 phase 5 wires (Housing as PE)
- 3 phase 4 wires

Features

System Capabilities

Intelligent Monitoring, Temperature Rise Detection, Life Cycle Tracking, Low Magnetic Loss, Standard Data Interface