New Manufacturers of Busbar Cold Aisle



Overview

This flexible solution is available for Hot and Cold Aisle containment with integrated strut elements to support cable tray, wire basket, lighting, and busbar systems.

Key Takeaways

Recent busbar solutions for cold aisle containment are offered by Atkore (Unistrut), Ardmac, and Scherdel, alongside established manufacturers like Panduit, Siemens, and Wetown Electric.

Key New and Innovative Providers

Atkore (Unistrut Construction) offers a modular Unistrut system designed for data center cooling projects, including cold aisle containment. Their solution integrates strut elements to support busbars, cable trays, wire baskets, and lighting, providing a turnkey approach for mission-critical environments. The system is pre-fabricated off-site, allowing faster installation, improved safety, and optimized efficiency for both enterprise and co-location facilities.

Ardmac provides pre-fabricated HAC modules for cold aisle containment, including service support beams that can carry busbars and other integrated services. Their modular approach allows alignment with rack layouts and heights, and components can be pre-fitted off-site to reduce on-site labor and improve safety. Scherdel specializes in flexible busbars, which are particularly useful in high-density or modular data center applications.

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Their multilayer copper design increases flexibility, compensates for tolerance variations, and ensures reliable current transmission even under vibrations or structural movements. Established Busbar Manufacturers Supporting Cold Aisle ApplicationsSeveral traditional busbar manufacturers also provide solutions suitable for cold aisle containment: Panduit, Littelfuse, Chatsworth Products – offer copper and aluminum busbars for industrial and data center applications. Siemens, ABB, Schneider, Eaton, GE, Legrand, Mersen – provide modular and high-current busbar systems compatible with data center infrastructure.

Wetown Electric Group – manufactures high and low-voltage busway systems, supports, and hangers, with experience in large-scale projects like the Beijing Olympic Bird's Nest.

Considerations for Selection

When choosing a busbar solution for cold aisle containment, consider: Modularity and pre-fabrication for faster deployment and reduced on-site labor. Integration with cable management and containment systems to simplify maintenance. Flexibility and tolerance compensation for high-density racks or dynamic environments.

Compliance with electrical and safety standards for mission-critical data centers. These new and established manufacturers provide a range of options for modern data centers seeking efficient, safe, and scalable cold aisle busbar solutions.

Article Content

Unistrut Construction

This flexible solution is available for Hot and Cold Aisle containment with integrated strut elements to support cable tray, wire basket, lighting, and busbar systems.

Top 7 Busbar Manufacturers: Market Share & Analyst

The Global Busbar Market continues to grow due to the demand for busbar manufacturers providing lightweight, efficient aluminium and copper

Hot and Cold Aisle Containment Solutions Ardmac

Get expert hot and cold aisle containment solutions for your data centres with Ardmac. Our tailored approach maximises efficiency.

Data Center Construction

This flexible solution is available for Hot and Cold Aisle containment with integrated strut elements to support cable tray, wire basket, lighting, and busbar systems.

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To connect various high voltage (HV) components to the HV system, we also deliver a wide variety of busbars. In cooperation with the customer, these can also feature our Bus Bar Insulation Tubing (BBIT).

Cold Aisle Containment in Data Centers | Subzero

With cooling provided through a raised floor, this cold aisle containment project uses rigid wall panels in conjunction with the Polar Cap 2 roof system to provide

Bus Bar | Laminated bus bar | power distribution | Mersen

With over sixty years of experience in designing laminated bus bars and complete in-house manufacturing capability, we have the flexibility and expertise to respond to our customers''

Accelevation | Custom data center containment systems

Following a collaborative, customer-driven approach, we provide the best containment options for each project. Whether ceiling hung or integrated with aisle structure, our containment solutions are

Cold Aisle Containment | Legrand

By isolating the cold aisle, containment reduces unintended mixing of cold supply air with hot exhaust air, maintaining uniform, predictable temperatures across all racks.

Cold Aisle Containment | Legrand

Cold aisle containment creates an enclosed corridor in front of server cabinets, ensuring that the coldest air goes directly into equipment intakes. By isolating the cold aisle, containment reduces unintended

30 Busbar Manufacturers in 2026

30 Busbar Manufacturers in 2026 This section provides an overview for busbars as well as their applications and principles. Also, please take a look at the list of 30

Baknor Thermal Management, Heat Sinks, Liquid Cold Plates & More.

With outstanding technical expertise and advanced manufacturing techniques, we provide you with a very large variety of customized busbars that are very high quality, low cost and include precision

ROLINX® Busbars

ROLINX busbars are constructed and manufactured laminated busbars that meet the strictest requirements for railway drive converters, network, wind and solar converters, as well as drives for

Unistrut Construction

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Atkore has a new Unistrut system offering designed to provide a complete solution for data center cooling projects, optimizing quality and efficiency. This flexible solution is available for Hot and Cold

Hot and Cold Aisle Containment Solution | Legrand

Hot aisle containment is used to capture and direct hot exhaust air back to the cooling units. This popular option is ideal for data centers looking to maximize

Top 7 Busbar Manufacturers: Market Share & Analyst

Compare top busbar manufacturers including ABB, Siemens, and Schneider Electric. Analyze 14.5% CAGR trends, copper vs. aluminium shifts,

Top 100 Busbar Manufacturers in 2026 | ensun

A busbar is a conductive material, typically made of copper or aluminum, that serves as a central point for distributing electrical power. It is used in electrical power systems to connect multiple circuits,

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Power Busbar Solution As data volume and broadband use continue to expand, Power capacity demands increase for data communication and telecommunication. TE innovated busbar solutions

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