



Busway
Line card

Discover why power distribution is better with busway



Powering Business Worldwide

Eaton's innovative and comprehensive portfolio of busway solutions offers endless possibilities for evolving power distribution requirements.

Flexibility for your power distribution needs



PowerWave 2 busway

PowerWave 2 busway provides a flexible, simple-to-install and highly configurable busway distribution system with metering and monitoring capabilities. The track style busway system gives customers an easy-to-use and highly reliable overhead power distribution system for data centers, commercial and light industrial applications, and mission-critical facilities worldwide. Available up to 1000 A.



PowerWave 2 tap-off boxes

PowerWave 2 tap-off boxes boast 128 A maximum per phase, offering limitless configurations for customers' specific power distribution needs. The tap-off boxes can be designed with receptacles attached to the enclosure or connectors on the ends of cables. The devices can be manufactured with IEC, NEMA® or any other customer-specified receptacle or connectors. This allows customers complete freedom to choose tap-off boxes that fit all of their specific power distribution needs.



Pow-R-Way III busway

The preferred means of connecting electrical equipment to maximize busway performance in low-voltage or DC power distribution systems. Pow-R-Way III busway can be used over a range of industrial, commercial and institutional applications worldwide. Through improved coordination and heat dissipation as well as elimination of the "chimney effect," Pow-R-Way III offers the best electrical efficiencies, cost-saving characteristics and highest 6-cycle short-circuit withstand ratings in the industry. Available up to 5000 A.



Pow-R-Way III bus plugs

Improve uptime, maintainability and safety while reducing overall project costs with a wide range of reusable bus plugs that help eliminate complicated cable and conduit runs with the flexibility to change out loads as manufacturing conditions change. Bus plugs are available in both fusible and breaker applications.



Non-segregated phase bus duct

Medium-voltage non-segregated phase bus runs are designed for use on circuits whose importance requires greater reliability than power cables provide. They are designed to withstand electrical and mechanical forces generated by momentary and short-time short-circuit currents. Available up to 6000 A and 38 kV.



EV charging busway

EV charging busway is engineered to enable fast, flexible and scalable electric vehicle (EV) charging for fleet, services with multiple vehicles and last mile delivery. This innovative overhead solution utilizes Pow-R-Way III busway and incorporates a 19.2 kW AC Level 2 charger into the bus plug for direct vehicle charging. EV charging busway eliminates costly cable runs and major modifications to existing structures.

Comprehensive support services



Low-voltage busway value calculator

This free software program compares installing busway to make electrical equipment connections versus the traditional method of running cable and conduit. The tool provides the total installed project costs of the two methods. It also demonstrates the excellent value of using Eaton's busway on projects by showing the huge labor savings value proposition of this highly flexible product.



Busway Final Field Fit Program

The Final Field Fit Program was established to effectively manage the dimensional uncertainties that are often inherent in bus duct layouts. This program provides the assurance of an exact fit the first time, every time. It allows for bus duct runs to be released for manufacture when certain dimensions are not yet determined. It also eliminates the costly delays that can occur when sections have to be remade in order to accommodate last-minute job-site changes in routing.



Field measurement assistance

For large and complex projects, Eaton can provide factory measurement assistance for busway layouts. Please contact your local Eaton sales office for price and availability.



Applications that can benefit from busway



Institutional/educational

- Swap bus plugs easily as new equipment is installed
- Reuse and re-layout as power demand changes

Data centers

- Save on installation and total cost of ownership with a plug-and-play solution built to scale with your power requirements
- Revenue-grade branch circuit monitoring capabilities available for power consumption and reliability analysis



Industrial

- Easily adaptable to meet changing manufacturing configurations and power requirements
- Conveniently feed heavy-duty machinery using an overhead bus plug

Commercial construction

- Safety and reliability when it matters most
- Decrease high rise installation time with vertical configurations featuring meter center capabilities



Electric vehicle charging

- Modular and scalable infrastructure for fast, multi-vehicle charging
- Flexible and cost-effective overhead charging solution for fleet

Mission critical

- Maximize uptime with the proven reliability of busway
- Outdoor and indoor ratings available to distribute power where it is needed



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