# Eaton's busway solutions and services





Eaton's comprehensive and turnkey portfolio of busway solutions offers endless possibilities for meeting today's ever-changing power requirements.

## Products and solutions



#### **Pow-R-Trak busway**

The latest design in a family of innovative busway products for mission-critical, industrial and commercial markets. With a continuous track design that enables plug installation along 93 percent of the busway run, Eaton's Pow-R-Trak busway is ideal for meeting the demands for a variety of applications where change and adaptation are important. Available up to 225 A.



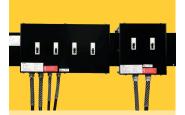
## Pow-R-Trak receptacle plug-in units

These newly designed modular plugs satisfy the ever-changing layouts of mission-critical, industrial and commercial markets. Pow-R-Trak plugs have a simplified installation method requiring no special tooling.



#### **Pow-R-Flex busway**

A flexible power distribution solution for a variety of applications where change and adaptation are important. This heavy-duty design does not sacrifice on aesthetics. Standard features include an extruded aluminum housing, two standard color options, shutter mechanism safe plug-in outlets, integral ground path, high short-circuit withstand ratings and a variety of plug-in units. Available up to 600 A.



## Pow-R-Flex receptacle plug-in units

The most flexible receptacle units in the industry, designed specifically for use in data centers, laboratories, machining shops, industrial manufacturing or anywhere small blocks of power are required. Pow-R-Flex™ receptacle plug-in units come fully assembled and wired, reducing installation time. Each unit is built-to-order based upon the receptacle type and the rating combinations.



#### 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.



## 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.

## Services and programs



## 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 Fit Program**

If you're ever uncertain of exact dimensions, or have obstructions that require difficult job-site routing, Eaton has a solution for you. 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.



#### Institutional/educational

- Support efficiency without sacrificing uptime
- Safeguard your data center for maximum performance and reliability



#### **Data centers**

- Reliable and flexible solution for expanding and developing sites
- Support efficiency and uptime with preventive maintenance



#### Industrial

- Reliable performance for critical environments
- Heavy-duty solutions for the most demanding industrial applications



#### **Commercial construction**

- Safety and reliability when it matters most
- Keep critical electrical transmission, distribution and generation equipment up and running

## Pow-R-Trak busway

Discover the benefits of continuous, reliable overhead power distribution

With a continuous track design that enables plug installation along 93 percent of the busway run, Pow-R-Trak busway is ideal for meeting the demands of applications where change and adaptation are important.







#### The flexibility you need

Continuous track design delivers power along the entire length of the busway for quick power distribution system expansion and reconfiguration



#### Improved scalability

Pow-R-Trak sections are reusable and can easily be added, removed or repositioned per user requirements



#### Easier, faster configuration

Self-contained joint covers ship attached to the duct; bridge joints slide directly into the bus with no additional hardware



#### **Error-proof installation**

Asymmetrical housing and plug design prevents orientation errors



## Adaptability for any application

A full line of fittings is available for efficient routing through diverse building environments



#### **Certified for safety**

IP2X finger-safe eliminates any incidental contact with live conductors from hands, tools and wire



#### Top industry ratings

Continuous track design provides the highest short-circuit ratings available in the industry today



#### Improved aesthetics

Available in black or gray powder coat finishes



#### **Proven performance**

UL® and CSA® listed; tested to UL 857 and CSA C22.2 No. 27 safety standards

Eaton.com/Busway



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