

Pow-R-Trak busway



Continuous, reliable overhead power distribution

Eaton's Pow-R-Trak busway is 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, this busway is ideal for meeting the demands of a variety of applications where change and adaptation are important.

To provide industry-leading safety, Pow-R-Trak busway is UL® and CSA® listed; it's been directly tested to meet all requirements of UL 857 and CSA C22.2 No. 27 and is manufactured in an ISO® 9001-certified facility. Combined with a design that enables quick installation and reconfiguration, Eaton's Pow-R-Trak busway is a reliable and economical solution for delivering power to any location without sacrificing uptime.

Features and benefits

Certified for safety

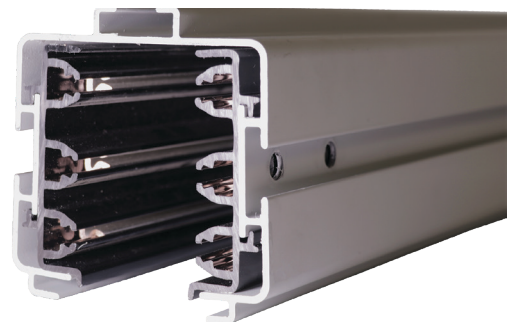
- All Pow-R-Trak busway ratings and configurations have been tested and listed to UL 857 safety standards.
- Certified IP2X "finger safe" design eliminates any incidental contact with live conductors from hands, tools and wire.
- Busway conductor bars are contained in a nonventilated aluminum housing to provide the highest short-circuit ratings available in the industry today.

Flexibility for evolving requirements

- Continuous track design delivers power along the entire length of the busway for quick expansion and reconfiguration.
- Pow-R-Trak sections are reusable and can easily be added, removed or repositioned per user requirements.
- Bus plugs are available with circuit protection configurations at higher fault currents.
- Powder coat finishes are available in black or gray for improved facility aesthetics.

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Features and benefits (continued)

Ease of installation

- Easy-to-install design does not require specialized labor.
- Insulators and conductors are held in place with no external hardware.
- Self-contained joint covers ship attached to the duct, and bridge joints slide directly into the bus.
- A full line of fittings is available for efficient routing through diverse building environments.

More sustainable and economic power distribution

- Busway is engineered to specific layout needs and shipped ready for installation, with only 40 percent of the labor required for conduit and wire systems.

- Because of easier installation, thousands of dollars can be saved compared to conduit and cable installation.
- Busway runs can be added to or changed at any time to greatly reduce material costs and contribute to a more flexible, scalable power distribution system.
- Busway uses less copper and steel compared with cable and conduit, wastes less material because it's built to exact facility specifications, and can be easily reused to meet changing power distribution needs—contributing to U.S. Green Building Council (USGBC) Leadership in Energy and Environmental Design (LEED®) credits.



Configurations and accessories

Flexibility in power connections is key to rapidly changing power distribution environments. Eaton offers many NEMA® receptacle and connector configurations, including:

Track busway

- Continuous plug-in
 - Roll-formed copper phase bars
 - 2' to 10' sections
 - Install plugs over 93 percent of the busway length
 - Finger safe
 - Available up to 225 A, 600 Vac, 22 kAIC
- Bridge joint
 - Two-piece sealed design
 - Copper conductors
 - Tapered bar for slide-in fit

Full line of fittings

- Tap boxes
- Elbows
- Tees
- End closer

Cable tap boxes

- End cable tap box
 - Top and bottom lug access plates
- Center cable tap box
 - Removable side covers for easy cabling access

Receptacle plug-in units

- Single and double receptacle units
- Eaton FAZ and GHC breakers
- Eaton's Bussmann™ CCP fusible switches
- Eaton's Arrow Hart™ connectors standard
- Each unit pre-wired from the factory
- Stab base designed for error-proof installation
- Each unit phase balanced (as needed) as well as phase balanced for each run
- Receptacles rated 15 A – 60 A
- Enclosure-mounted receptacles
- Cord-mounted connectors

Eaton.com/Busway

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