

**Cable Bus Systems**  
600-35,000V and 800-6,000A

**B-LINE**  
SERIES

# Custom Cable Bus solutions for high-demand applications

**Safe. Reliable. Versatile.**



**EATON**

*Powering Business Worldwide*

# Innovative power delivery solutions, tailored to your needs.

**Eaton's Cable Bus is a customizable, enclosed power distribution system** designed to safely and efficiently manage high-capacity electrical loads from 600-35,000V and 800-6,000A. It offers an ideal hybrid solution between cable tray and busway, **delivering superior cable support and isolation** for high-power transmission and a **highly customizable design**.

Eaton Cable Bus features an enclosed design which **protects cables from environmental hazards in both interior and exterior uses**, making it ideal for applications such as data centers, utility plants, co-generation facilities, and light industrial environments, providing a continuous and reliable flow of power to ensure operational stability.

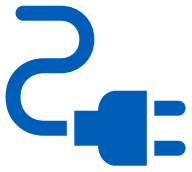
Choosing Eaton's Cable Bus system provides the convenience of sourcing all components through a **single, trusted supplier** and the confidence of knowing that your project is backed by **Eaton's industry expertise and support**.

## Cable Bus vs. Cable Tray vs. Busway

	Cable Bus	Cable Tray	Busway
Load Capacity	Ideal for high-capacity electrical loads	Suitable for general cable management in various settings, including commercial buildings and light industrial use.	Ideal for high-capacity electrical loads
Environmental Protection	Superior protections from environmental hazards. Suitable for interior and exterior use in a variety of environments.	Basic protection for cables. Suitable for interior use in commercial and light industrial applications.	Similar protection to Cable Bus
Design Customization	Highly customizable. Ideal for complex layouts and specific project requirements.	Highly customizable. Excellent for complex layouts and specific project requirements.	Highly customizable during design phase. Difficult to accommodate retroactive changes to layout.
Installation and Maintenance	Modular design allows for easy installation and on-site modifications. Standard maintenance required.	Simple installation process with a wide range of support and accessory options; regular maintenance may be required.	Limited ability to modify on-site. Routine checks and maintenance required.
Safety and Compliance	High safety standards with fully insulated conductors, compliant with industry regulations.	Provides a safe and organized way to manage cables, with options to enhance safety and compliance.	High safety with enclosed design, compliant with industry regulations.
Cost-Effectiveness	Cost-effective solution for high-power applications, reducing installation and maintenance costs.	Generally lower initial cost, making it a budget-friendly option for many applications.	Higher initial cost but lower maintenance costs.

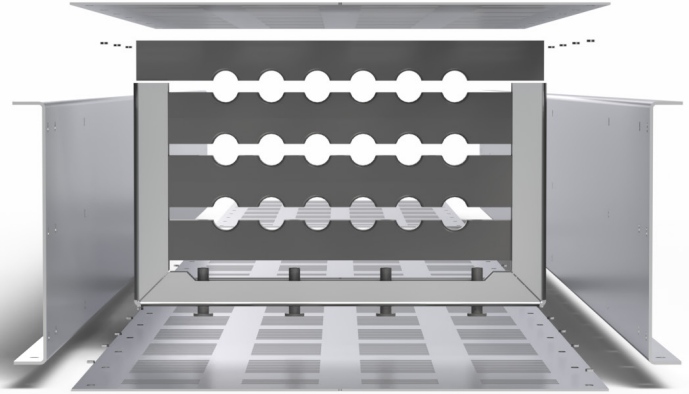
# Why choose Eaton Cable Bus?

Because great products are just the beginning of what we do.



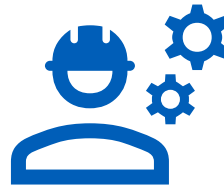
## Reliable power distribution

Ensures a continuous and reliable flow of power, providing operational stability for high-capacity electrical loads. This reliability is crucial for industries where power interruptions can lead to significant downtime and financial losses. By maintaining a stable power supply, Eaton's Cable Bus system helps to ensure that operations run smoothly and efficiently.



## Single-supplier convenience

Eaton provides a comprehensive range of Cable Bus components and complementary parts including cable glands, strut supports, switchgear, transformers, enclosures, and cable tray for lower power wire. Ordering from a single, trusted supplier helps to simplify the procurement process, reduce lead times, and ensure full-system compatibility. Additionally, Eaton's extensive distribution network helps you get the parts you need, when you need them.



## Expert planning and assistance

Our team of experts works closely with you to develop a tailored solution that meets your specific project layouts and requirements. Various configuration options are available, allowing you to choose the best setup for your needs. Backed by Eaton's industry expertise and support, this system offers a seamless experience, ensuring easy installation and long-term reliability for even the most demanding power applications.



## Cost-effective solutions

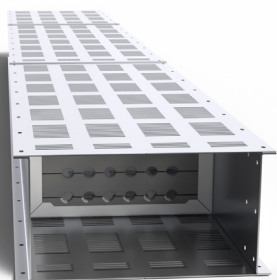
Reduce installation and maintenance costs compared to traditional power distribution methods. Modular design allows for easy installation, minimizing labor costs and reducing the time required to set up the system. Robust construction and high-quality materials ensure long-term durability, reducing the need for frequent maintenance and replacements.



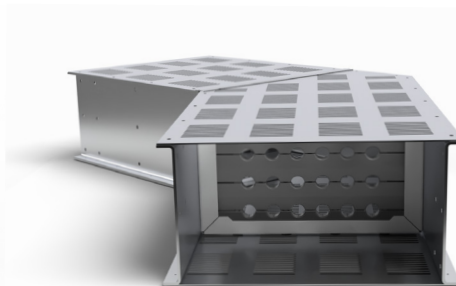
## Safety and compliance

Safety is a top priority in power distribution, and Eaton's Cable Bus system is designed to meet high safety standards. The system features fully insulated conductors, which help to prevent electrical faults and reduce the risk of accidents. Additionally, the Cable Bus system complies with industry regulations and standards, ensuring that it meets the necessary safety and performance criteria.

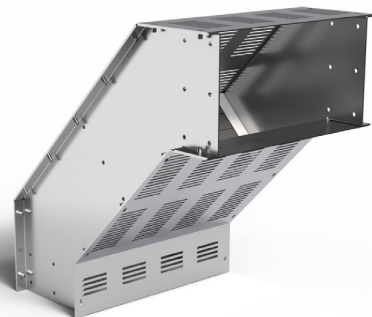
# Your custom Cable Bus solution starts with our complete system, including\* ...



**Straight runs**



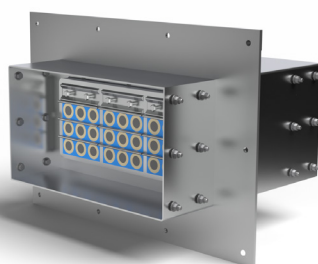
**Horizontal bends**



**Vertical bends**



**Tap box or termination box**



**Wall penetration kits**



**Tray-to-box connector**

Every order is custom engineered to meet the specific needs of your project.

## Load capacity configurations

Voltage (V)	Amperage (A)									
600V	800A	1,200A	1,600A	2,000A	2,500A	3,000A	3,500A	4,000A	5,000A	6,000A
5,000V										
15,000V										
35,000V										

## Certifications

Certified as per CSA C22.2 No. 273:19

\*Images shown are for general representation purposes only. Actual parts may vary in appearance and configuration.



# Cable Bus is ideal for...



**Industrial facilities**



**Commercial buildings**



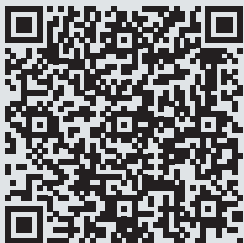
**Utilities and power plants**



**Data centers**

...and more

## Let's talk about your next project!



Scan the QR code to access an inquiry form where you can share your project details or request more information.

You can also contact us at [BLineTechnicalSupport@Eaton.com](mailto:BLineTechnicalSupport@Eaton.com) or use the sales agent locator on MyEaton to get connected.

# We make what matters work. \*

\* At Eaton, we believe that power is a fundamental part of just about everything people do. Technology, transportation, energy and infrastructure—these are things the world relies on every day. That's why Eaton is dedicated to helping our customers find new ways to manage electrical, hydraulic and mechanical power more efficiently, safely and sustainably. To improve people's lives, the communities where we live and work, and the planet our future generations depend upon. Because that's what really matters. And we're here to make sure it works.

See more at [Eaton.com/whatmatters](https://www.eaton.com/whatmatters)

**Eaton**  
1000 Eaton Boulevard  
Cleveland, OH 44122  
United States  
[Eaton.com](https://www.eaton.com)

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