

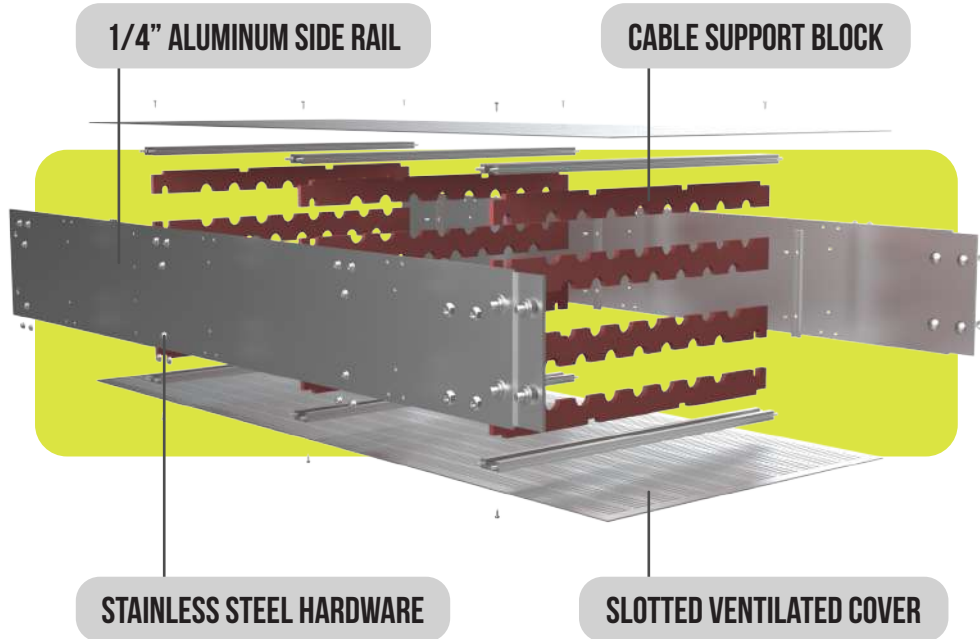
DESIGNED

TO BE SIMPLE AND EFFECTIVE

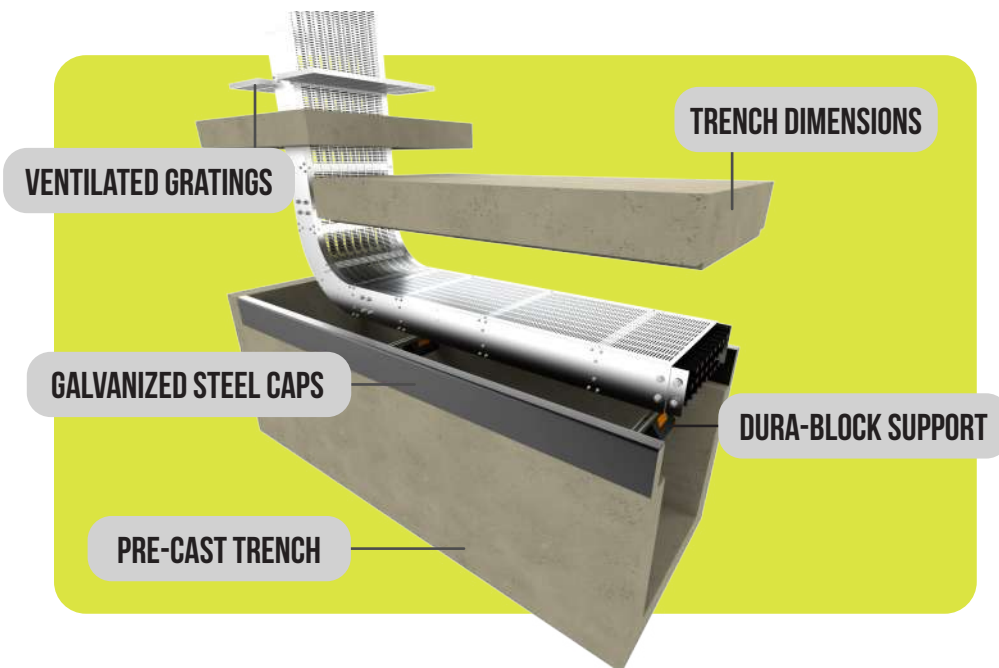
TECHNICAL

SPECIFICATIONS FOR CABLE BUS

CABLE BUS ENCLOSURE



UNDERGROUND SYSTEM



VOLTAGE RANGE	Up to 69kV
CURRENT RANGE	Up to 8000A
CABLE TYPES (AL/CU)	USA: XHHW-2, RHH/RHW-2, MV-105 CANADA: RW90, DLO, MV-105
AVAILABLE CABLE SIZES	Up to 1000MCM
CABLE CONFIGURATIONS	3 Phase, 3 Wire 3 Phase, 4 Wire DC
ENCLOSURE SIZE	Up to 12in (H) x 36in (W)
FINISHES	Aluminum Stainless Steel Painted
CERTIFICATIONS	NEMA VE-1 (USA) NFPA 70 Article 370 Compliant (USA) ANSI/CSA C22.2 No. 273:19 (USA+CANADA) CSA C22.2 No. 126:17 (CANADA) CE Code Compliant (CANADA)
SHORT CIRCUIT RATING	Up to 200kA
MIN/MAX AMBIENT TEMP	-40°C to 60°C (-40°F to 140°F)
UNDERGROUND OPTIONS	Precast or cast-in-place, pedestrian or heavy traffic grade, with/without ventilation
CABLE SECURING METHOD	Block style. Max every 30in

POWER BUS WAY LTD

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Toll Free: 1.877.877.2091

OUR CABLE BUS

POWER BUS WAY LTD



Scan me for info!
powerbusway.com



Ask us about our Underground Systems

Explore our website: powerbusway.com

PERFECT SOLUTION

SAFE, RELIABLE, AND EFFICIENT



SAFE

- Cable bus is short-circuit rated
- Waterproof equipment entry flanges and cable connectors
- Used intermittently for standby power; flashover at startup eliminated
- Fire stops and environmental seals are provided



EFFICIENT

- Continuous end-to-end cable increases cable bus lifespan
- Lower operating costs and no need for spare parts
- Higher current in a smaller footprint
- Fewer conductors to install



RELIABLE

- Resilient build allows for a heavy-duty, lightweight, and durable construction
- No heaters or blowers required to maintain operational temperature



HEAVY DUTY

Connecting large amounts of current up to 8000A and voltages up to 69kV



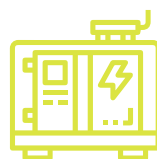
CONNECTION

Ideal for connecting transformers and generators to distribution equipment



RUGGED

Manufactured to handle the harshest environments without any extra protection



VERSATILE

Operated in industries including: data centers, oil and gas, power generation, and C&I

CERTIFICATIONS

COMPLIANCES AND EVALUATIONS

Proudly Built with Quality
North American Products

Patented in
Canada & USA



- UL Listed
- CE Code & NEC Compliant
- ANSI/CSA C22.2 No. 273:19 (Cable Bus)
- CSA C22.2 No. 126:17, NEMA VE-1 (Cable Tray)
- Up to NEMA 4X (Termination & Transition Boxes)
- ISO 9001:2015 certified
- CWB Certified
- 3rd Party factory evaluations available for applicable standards



CUSTOM ACCESSORIES

Associated custom accessories are manufactured in-house and can be provided quickly as part of your turnkey solution.

- NEMA Rated Electrical Enclosures
- Bus Bar Adaptors
- Transition Boxes
- Structural Supports
- Mobile Generators
- Load Bank QC Panels



Disclaimer: Not actual colour. Green colour is used to highlight the supports

SERVICES

DRAWINGS, MANUFACTURING, AND DELIVERY

Power Bus Way offers detailed quotations, 3D scanning, project coordination, in-house fabrication, assembly diagrams, and client support.

We aim to provide fast and accurate quotations within 24 hours, as well as accurate 3D scanning and project management services.

Additionally, we offer in-house fabrication of custom components to your specifications, along with assembly diagrams for each cable bus run.



QUOTATIONS

We strive to provide detailed quotations quickly and accurately, often within 24 hours



FIELD SERVICES

Our field services provide accurate 3D scanning and measurements, translating it into optimized layout drawings



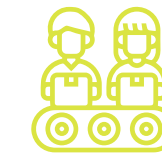
PROJECT COORDINATION

Our project management team will oversee each project to make sure that updates are communicated promptly



IN-HOUSE FABRICATION

Our efficient in-house manufacturing team can rapidly fabricate all components, including custom, to your specifications



COMPLETE PACKAGE

Each cable bus run comes with instructions and includes assembly diagrams that identifies all components



CLIENT SUPPORT

After delivery, we will be there for any urgent questions or issues that may arise before or after installation of the system



Over 3000 Systems Successfully Commissioned!

Visit our website to find your Local Sales Representative

Request a Quote Today! Contact quotations@powerbusway.com