



Global brand.
Made for America.



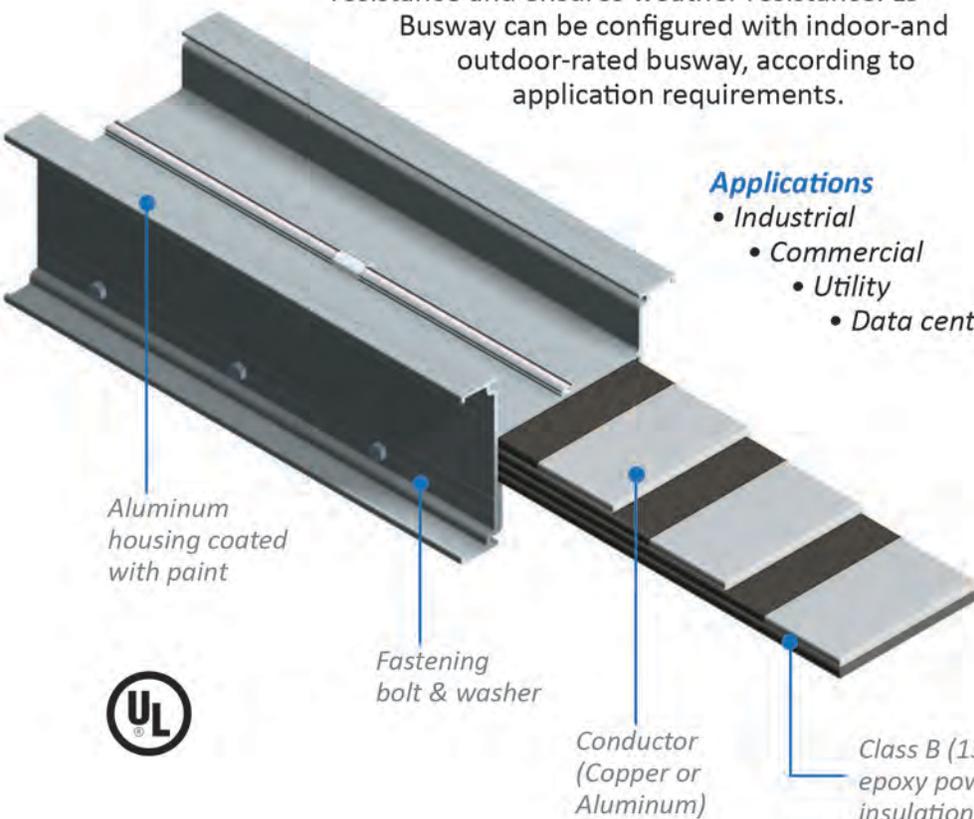
World Headquarters
Anyang, South Korea

EX-way (UL)

Ex-way is UL rated, with a totally-enclosed, non-ventilated, sandwich design rated at 600V and manufactured to current carrying capacities between 630A and 6000A. When used in conjunction with a joint kit, the large connected surface minimizes contact resistance and ensures weather resistance. LS Busway can be configured with indoor-and outdoor-rated busway, according to application requirements.

Applications

- Industrial
- Commercial
- Utility
- Data centers



Aluminum housing coated with paint

Fastening bolt & washer

Conductor (Copper or Aluminum)

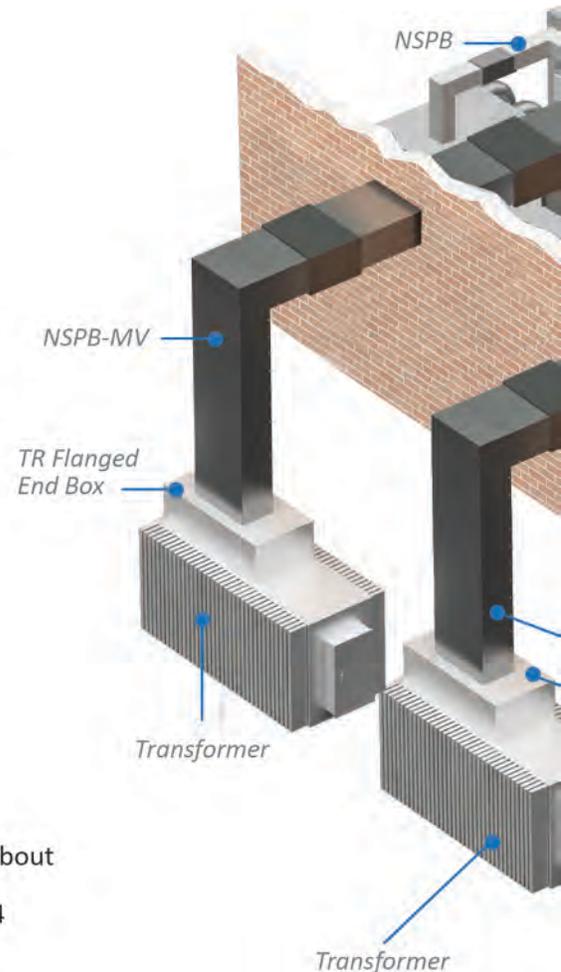
Class B (130°C) epoxy powder insulation



Ex-way (UL) is available in both aluminum and copper conductor. The all-aluminum, two-piece housing provides excellent mechanical strength, heat diffusion properties and grounding.

Benefits

- Lightweight, easy to install and compact
- High thermo-diffusional efficiency
- Compatible with temperature and power monitoring systems
- Earthquake and explosion resistance features



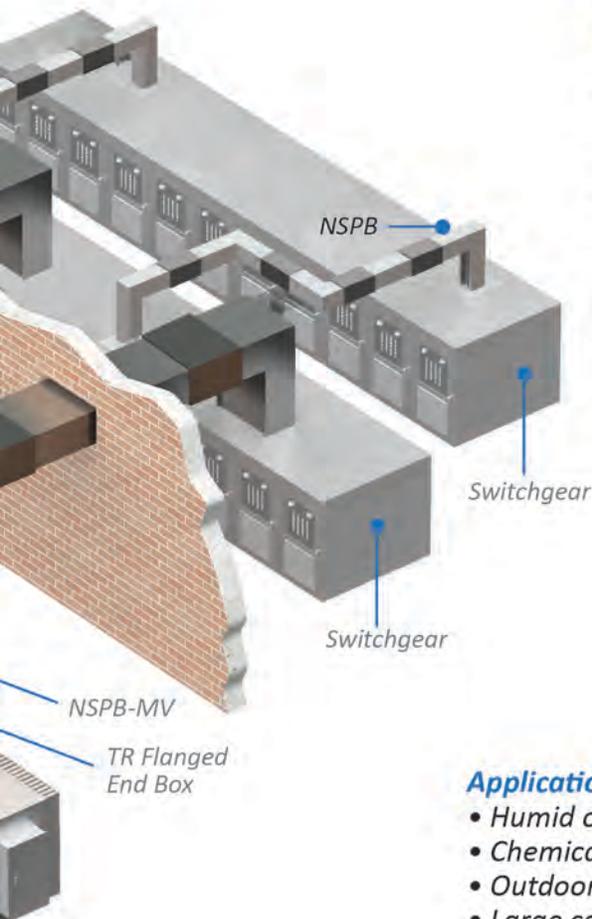
Learn more about LS Busway
800.249.0014

NSPB MV

NSPB Busway provides a wide range of options, including conductors, material and housing design with voltages from 5kV - 27kV and current capacities between 800A and 4000A.

Benefits

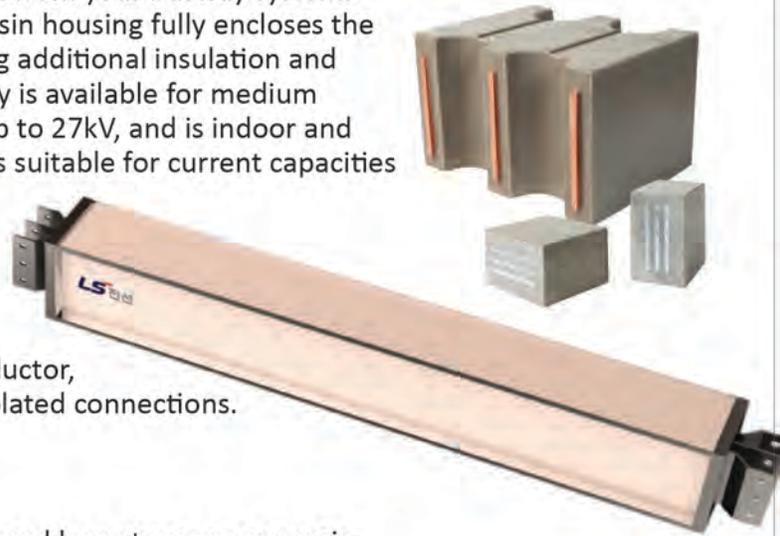
- Environmentally friendly while retaining excellent performance
- RoHS certified; free of hazardous substances
- High short circuit strength
- Designed in accordance with IEC and IEEE standards



CR-way

CR-way is suitable when the environment demands the most from your busway system. CR-way's epoxy resin housing fully encloses the conductor, offering additional insulation and protection. CR-way is available for medium voltage systems up to 27kV, and is indoor and outdoor rated. It is suitable for current capacities between 1250A and 5000A.

Choose from either copper or aluminum conductor, and tin- or silver-plated connections.

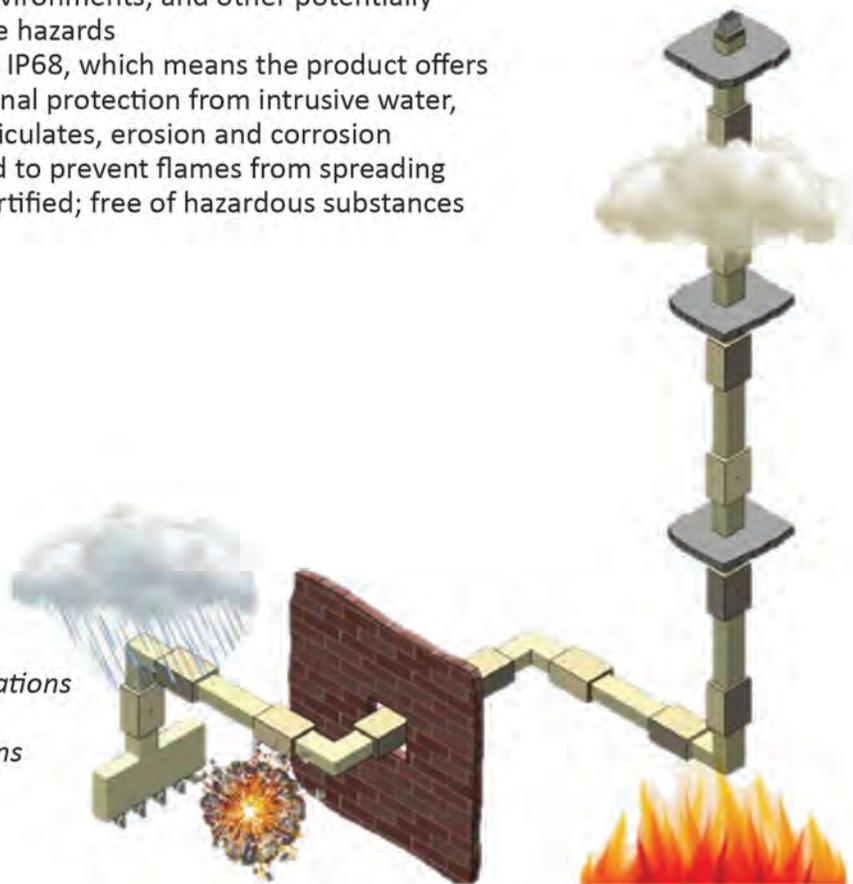


Benefits

- Completely enclosed by a strong epoxy resin for maximum protection, stability and durability
- Safe for use near inflammable steam and gas, dusty environments, and other potentially explosive hazards
- Certified IP68, which means the product offers exceptional protection from intrusive water, fine particulates, erosion and corrosion
- Designed to prevent flames from spreading
- RoHS Certified; free of hazardous substances

Applications

- Humid or dusty locations
- Chemical plants
- Outdoor installations
- Large capacity power needs



Distributed Temperature Sensing (DTS)

DTS is a temperature monitoring system using fiber optic cable attached on the Busway. DTS measures temperatures in real time to check for abnormalities and minimize failures.



Benefits

- Real-time monitoring
- Access to comprehensive data, history, statistics and reporting
- Intuitive monitoring using draw-based HMI
- Long range sensing available without the need for relay devices
- Intuitive interfacing: easily linked to external systems like SCADA or DCS.
- Designed to prevent flames from spreading
- RoHS Certified; free of hazardous substances

Bus Plugs: MCCB / Fusible Disconnect

LS Busway is easy to use with a variety of plug-in units.

MCCB, a circuit breaker and trip device used in conjunction with LS Busway, manually opens and closes the electric circuit while providing over-current protection.

Fusible Disconnect, a device where a disconnect switch is used in conjunction with a fuse assembly, can manually open and close the electric circuit while providing over-current protection.

- Plug-In unit: 100A - 600A
- Tap-off unit: 800A - 1200A

Benefits

- Compatible with multiple brands across a variety of applications
- Offers added protection to wires while distributing loads
- Can automatically disconnect electric power in case of overload and short circuit
- Comes in a variety of rated currents

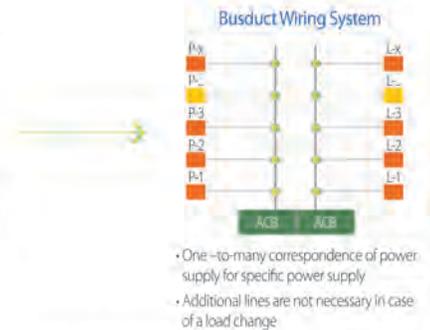
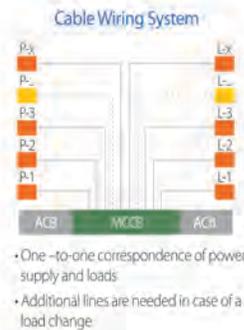
(MCCB: 100AF - 1200AF)
(FUSE: 30AF -1200AF)



LS BUSWAY Advantage

Easy Distribution of Loads

LS Busway is separated from a single line at a bus plug, which simplifies the power system. A MCCB or other fusible device can be installed at the bus plug to minimize fault current.



ACB : Air Circuit Breaker, MCCB : Molded Case Circuit Breaker

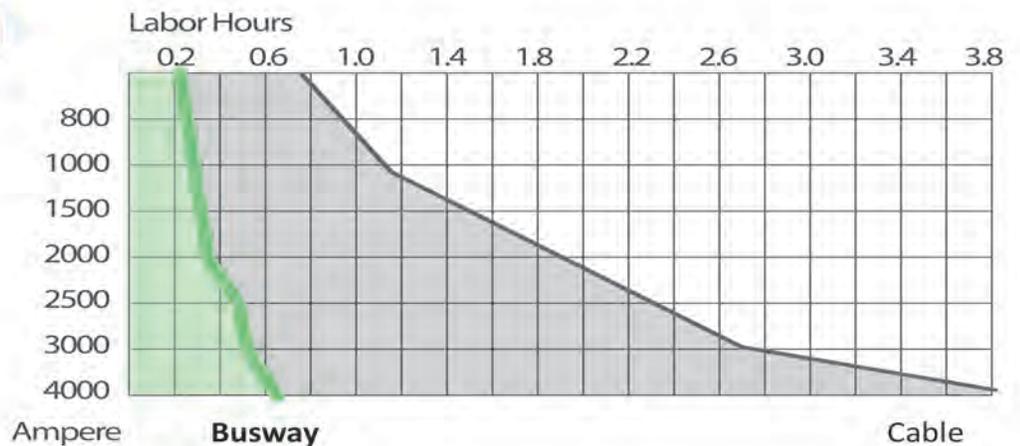


Easy Maintenance

The design of the LS Busway system makes it easy to detect abnormalities during installations, ensuring easy maintenance. When humidity or dust causes a malfunction in the system, the easy-to-maintain design allows replacing only the damaged parts.

Easy Installation

LS Busway is easy to install, using a simple method to connect, and improves cost due to its compact size. LS Busway also incorporates the "one joint bolt type" with a torque of only 57.9-72.3 ft/lbs. with a double-headed break bolt design to further minimize time and cost.



Easy Adaptability

LS Busway can be adapted to almost any application configuration. Various fittings, such as elbow, off-set and tee, can be applied to make Busway as versatile as traditional cable, able to transmit high-capacity currents without electrical and mechanical loss.

Global products. Manufactured for today.



About LS Cable & System USA

LS Cable & System, headquartered in Anyang, South Korea, was established in May 1962 and is a worldwide leader in the design and manufacture of busway for a wide array of applications. With 21 subsidiary companies throughout the world, LS has more than 60 factories, sales and production sites in 20 countries.

In April 2017, the LS Group acquired the Energy division from Superior Essex to create a subsidiary under the LS Cable & System umbrella. Today, LS Cable & System USA is a leading US manufacturer and supplier of energy wire and cable products and distribution systems serving the commercial, industrial, renewable and utility markets.

Busway was first commercialized in the 20th century as a solution for large-scale projects and electrical system applications requiring minimal energy loss. Busway is the proven choice for projects that prioritize convenience, maintenance, safety and easy distribution of loads. LS Cable & System USA offers Busway energy distribution systems in full compliance with US industry standards.



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Peachtree Corners, GA 30092



- LS Cable & System
- LS Electric
- LS MnM
- LS Mtron
- E1
- Yesco
- Gaon Cable
- Superior Essex



- LG Electronics
- LG Chemical
- LG Display
- LG Energy Solution



- GS Caltex
- GS Engineering & Construction
- GS Retail
- GS Homeshopping

Global Network

More than 60 Factories, Sales and Production Sites in 20 Countries

- BRANCH
- SUBSIDIARIES
- R&D CENTER



Korea



Gumi Plant
EHV / MV / LV Cable
UTP, Coaxial Cable
SCR, Magnet Wire
Overhead Cable, Busway



Indong Plant
Optical Fiber
Optical Cable



Donghae Plant
Submarine Cable
Industrial Specialty Cable



LSHQ (Yichang)
EHV / MV / LV Cable
Industrial Specialty Cable



LSCW (Wuxi)
Industrial Devices Cable
Automotive Cable
Harness & Module Aluminum
Busway

Vietnam



LS-VINA (Haiphong)
EHV / MV / LV Cable
SCR, ACSR
Overhead Cable



LSCV (HO Chin Minh)
MV / LV Cable
MV / LV / UTP/ Optical Cable
Overhead Cable



LSCI (Bawal)
EHV / MV / LV Cable
Coaxial Cable
Overhead Cable

US



LSCSUSA (Tarboro)
MV / LV Cable
Control, Instrument Cable

Poland



LS EV Poland / LSCP (Dzierzoniow)
Automotive Battery Components
Optical Cable

Global Experience

Battery



KOKOMO-1 BATTERY
Samsung SDI & Stellantis battery plant
Kokomo, Indiana
Ex-way (UL) supply



NEXTSTAR BATTERY
LG ENSOL & Stellantis battery plant
Windsor, Canada
Ex-way (UL) supply



SK BATTERY AMERICA
SK Innovation (Phase 1 & 2)
Commerce, Georgia
Ex-way (UL) supply, installation

Industrial



HMGMA
Ellabell, Georgia
Ex-way (UL) and DTS supply, installation



SAMSUNG T-PROJECT
Electronics semi-conductor plant
Taylor, Texas
Ex-way (UL) & DTS supply, installation



Q-CELLS REDEEMER-1
Hanwha Q-Cells solar panel plant
White, Georgia
Ex-way (UL) and DTS supply, installation

Data Center



LG ELECTRONICS TN
LG home appliance factory
Clarksville, Tennessee
Ex-way (UL) supply



O-DATA DC-QR01-2021
Largest national data center campus
Querétaro, Mexico
Ex-way (UL) supply

Residential



WINSTON SALEM APARTMENTS
PMC Property residential building
Winston Salem, North Carolina
Ex-way (UL) supply



Learn more about
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