

Mikro[®]



**CAST RESIN . TRACK . LIGHTING
BUSWAY**

Efficient and Reliable Power Distribution **ONE STOP SOLUTION**



MIKRO CAST RESIN BUSWAY

The busbars are casted in a solid epoxy resin which provides insulation and mechanical protection.

The epoxy resin casting provides excellent electrical insulation, resistant to vibrations and mechanical stress, resistant to moisture, chemicals and UV radiation.

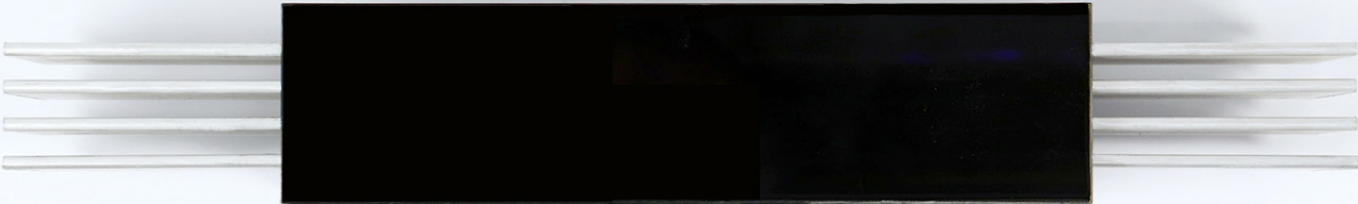
Epoxy resin materials used are typically fire retardant, suitable for both indoor and outdoor applications.

Mikro Cast Resin Busway offer a reliable and efficient alternative to conventional cable systems for power distribution, particularly in environments where space, safety, and reliability are paramount considerations.

Item	Ampere (A)	Dimension (W x H)			
		3W(mm)	4W(mm)	5W(mm)	H(mm)
1	400A	85	90	95	65
2	630A	85	90	95	75
3	800A	85	90	95	85
4	1000A	85	90	95	100
5	1250A	85	90	95	115
6	1600A	85	90	95	150
7	2000A	85	90	95	180
8	2500A	85	90	95	220
9	3200A	85	90	95	300
10	4000A	85	90	95	375
11	5000A	85	90	95	450
12	6300A	85	90	95	550

TECHNICAL SPECIFICATION

Type of Busway Construction	: CAST RESIN
Standard	: IEC 61439-6
System Configuration	: 3P3W, 3P3W+E, 3P4W & : 3P4W+E, 3P5W & 3P5W+E
Ingress of Protection (IP) Rating	: IP68
Rated AC Voltage	: 1kV
Frequency	: 50Hz / 60Hz
Current Rating	: Up to 6300A
Conductor	: Copper
Service Temperature	: Up to 50°C
Short Circuit Capacity	: Up to 120kA
Maximum Length	: 3 meters





TECHNICAL SPECIFICATION

Type of Busway Construction	: TRACK
Standard	: IEC 61439-6
System Configuration	: 3P4W+E
Ingress of Protection (IP) Rating	: IP43
Rated AC Voltage	: 1kV
Frequency	: 50Hz / 60Hz
Current Rating	: Up to 800A
Conductor	: Copper
Service Temperature	: Up to 50°C
Maximum Length	: 3 meters



MIKRO TRACK BUSWAY

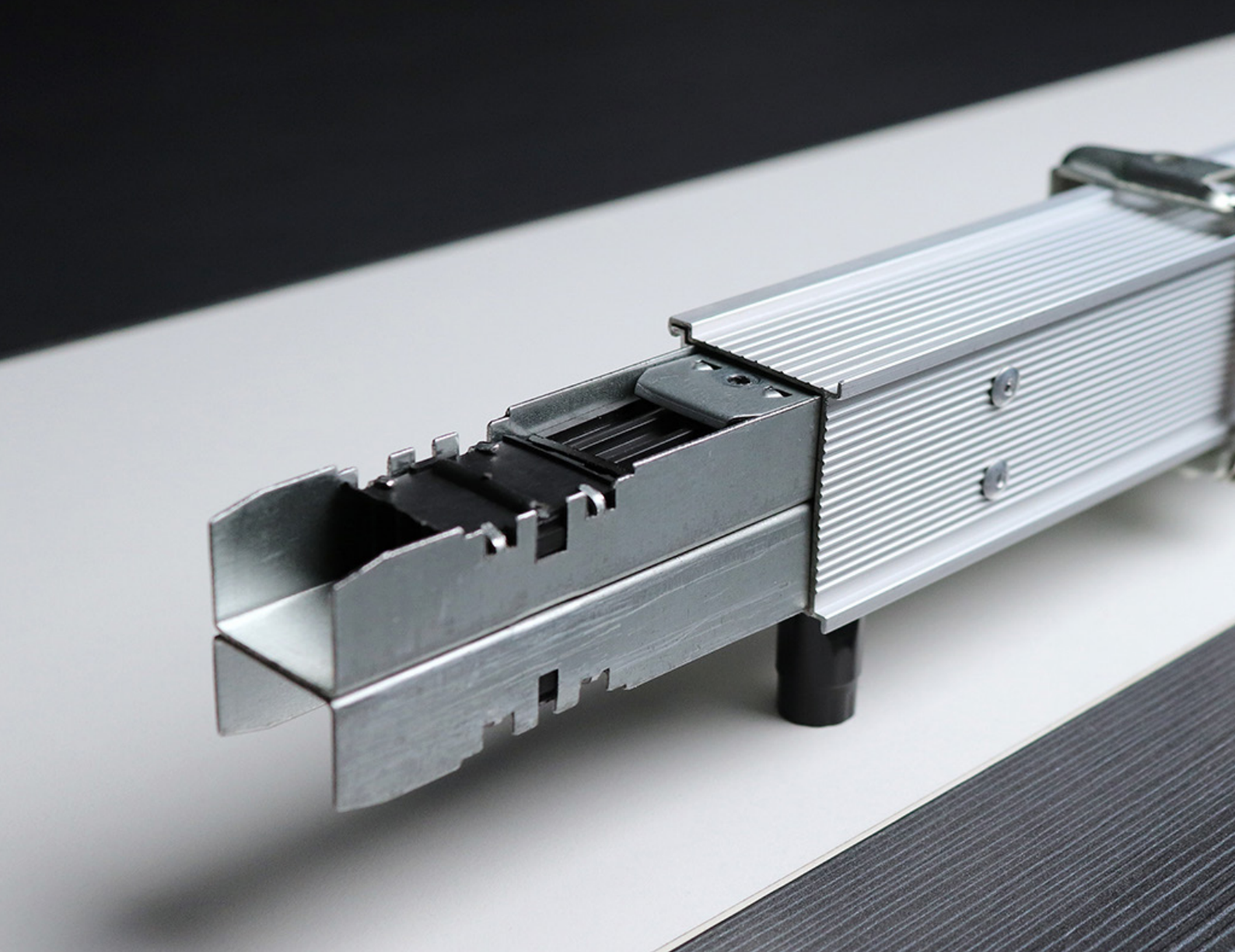
Data centers are the backbone of today's digital infrastructure, hosting critical applications and data for businesses and individuals worldwide. Ensuring a reliable and efficient power distribution system is crucial for the uninterrupted operation of data centers.

Mikro Track Busway system offers an advanced solution tailored to meet the demanding power requirements of modern data centers.

Mikro Track Busway is an electrical distribution system that uses busbars enclosed within a protective casing. This modular system provides a flexible, efficient, and reliable method for distributing power across large data center environments.

Item	Ampere (A)	Dimension	
		W(mm)	H(mm)
1	400A	86	135
2	630A	86	135
3	800A	86	135





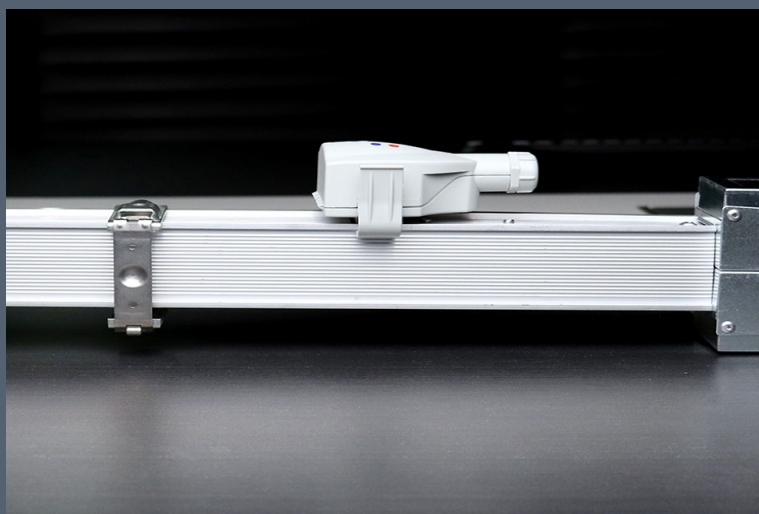
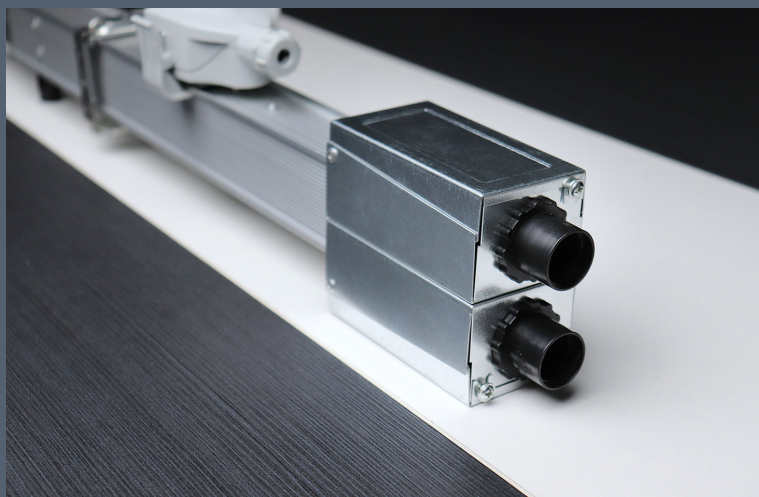
MIKRO LIGHTING BUSWAY

A flexible and efficient electrical distribution system designed specifically for lighting applications. It consists of multiple plug-in outlets, enabling the easy and adjustable placement of lighting fixtures along its length.

Mikro Lighting Busway is commonly used in commercial, industrial, and residential settings to provide versatile and adaptable lighting solutions.

Benefits and features:

- Allows for easy addition, removal, or repositioning of lighting fixtures without rewiring.
- Supports a variety of lighting types and styles, including LED, halogen, and fluorescent fixtures.
- Simple to install and modify, ideal for spaces where lighting needs change frequently.
- Sleek and modern design that blends seamlessly with various architectural styles.
- Reduces installation and maintenance costs compared to traditional fixed lighting systems.
- Easily adaptable to changing lighting needs, suitable for retail, galleries, and other dynamic environments.
- Changes to the lighting layout can be made quickly and easily, minimizing disruption to the space.



Item	Ampere (A)	Dimension	
		W(mm)	H(mm)
1	25A	30	40
2	40A	30	40
3	63A	60	55
4	80A	60	70
5	100A	60	85

TECHNICAL SPECIFICATION

Type of Busway Construction
Standard
System Configuration
Ingress of Protection (IP) Rating
Rates AC Voltage
Frequency
Current Rating
Conductor
Service Temperature
Maximum Length

: LIGHTING
: IEC 61439-6
: 3P4W+E
: IP43
: 1kV
: 50Hz / 60Hz
: Up to 100A
: Copper
: Up to 50°C
: 3 meters



MIKRO BUSWAY SDN BHD

F.K.A. EPE BUSWAY SDN BHD

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* Technical collaboration and manufactured by factory in China

