

What is a Bus Bar?

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Busbars Used in Industrial Applications

Other Reasons for the Popularity of Busbars

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The bus bar is usually a metal strip, which can be copper or aluminum and grounded and conductive. Bus bar distribution is flexible and straightforward, and the bus bar is also called a bus bar.

Busbars Used in Industrial Applications

Different coating materials will affect the electrical conductivity and product life of the bus bar. The various shapes and sizes of the bus bar will affect the current carrying capacity of the product. The current carrying capacity refers to the maximum amount of current that the bus can carry.

Other Reasons for the Popularity of Busbars

1. The facilities cost is reduced, the construction labor will be reduced, and the installation cost will be less. No additional changes are required, which reduces the labor cost of electrical experts.
2. Higher efficiency. Construction work can run faster, and power can be added, removed, or reinstalled quickly, without stopping at all.
3. High flexibility. In the absence of a constant power supply, some plug-in devices can be disconnected and reconnected without additional routine maintenance. The refurbishment efficiency is faster, and the cost is much lower.
4. Effectively protect the environment, the bus requires fewer installation materials, and the socket can be reused and positioned.

Our process of improving the structure of the busbar system proves that changing the shape of the busbar can significantly improve efficiency.

Why Are Bus Bars Widely Used?

The bus can effectively and efficiently transmit power around the world.

The bus bar is a metal strip and is usually made of copper or aluminum, which ensures that the power transmission starts from point A and reaches point B safely.

They are generally installed in switchgear, switchboards, and busway enclosures.

The bus bar can be made into various shapes, for example, made into a solid rod, usually flat, with various hole patterns. The flat shape and various hole designs are mainly used for heat dissipation and preventing the bus from overheating due to high power when transmitting power.

How to Make the Holes Required for High-performance Busbars?

CNC machines can punch, drill or punch holes in copper or aluminum materials.