

Our Power Distribution Systems:

Superior Bus™

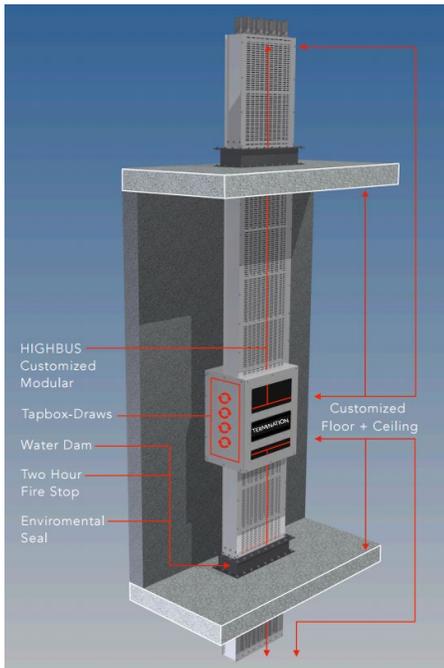
Superior Bus™ is a custom-engineered cable bus power distribution system using multiple parallel conductors mounted on nonmagnetic, self-extinguishing support blocks within a rigid enclosure. Each conductor is insulated and fully continuous from source to load.

Superior Bus systems can carry 400 - 32,500A, and beyond, with voltages from 208V to 218kV. Custom systems can be designed for specific customer requirements. It is fully certified (CSA, UL, NOM) and easy to install.

This cost-efficient and intrinsically safe system is wet-dry rated, includes environmental seals, 2-hour fire stops. It can be used indoors or outdoors, in almost all applications. There is no need for precise alignment as the system allows for some misalignment.



HIGHBUSTM™



The HIGHBUS™ cable bus system is an all-in-one modular cable bus system for electrical distribution designed to meet the unique needs of high-rise constructions (residential and non-residential, commercial).

The cable terminations – as the most vulnerable points of a cable system - are placed in a patented sealed enclosure, developed by our company. Therefore, the performance of HIGHBUS™ system in wet/dry rated conditions is guaranteed. As well, it comes with 2-hour fire stops and water proof floor flange water dam that can withstand up to 12" of water. It is fully certified (CSA, UL, NOM) and easy to install.

The HIGHBUS™ system's modular nature revolutionizes the way electrical feeders are installed and used in high rise buildings. This all-in-one system is easy to install with fewer connection points and fewer components, resulting in fewer headaches. The flexibility of the system allows for building sway, thermal contraction/expansion, and minor misalignment during installation.

HIGHBUS™ is the only system currently on the market that can be installed during construction and used as provisional power line. And, at the end of construction it will continue to operate as the main power supply for the building.





2. The STS advantages:

1. Superior Bus™ and HIGHBUS™ can be used in the same project. They connect seamlessly to each other and to all power sources and switchgears.
2. They all have a 99-year life span.
3. They all are maintenance free for the first 40-50 years.
4. Our systems can be designed to provide any amperage and voltage drop.
5. Cost effective. In average, 50% less than any system on the market, giving the exceptional quality of our systems.
6. We adapt our concepts, designs and manufacturing process to fit your requirements, and not the other way around.
7. The loyalty and full support of STS team to our clients.

