
Arc flash switchgear for sale in Chicago

What is arc resistant switchgear?

Unlike conventional switchgear, arc-resistant switchgear is designed with reinforced compartments that can withstand incredible pressure increases during high-energy arc faults. Arc-resistant switchgear offers a safe, proven, and cost-effective solution to the problem of arc flash events. Why do I need Arc-Resistant Switchgear?

How does an arc flash switchgear work?

Generally, this type of switchgear will come with flaps that open under the intense pressure of arcing energy. The flaps allow the heated gases of an arc flash and the pressure to safely vent out of the enclosure and away from the operator. When venting arc flash gases outside of the switchgear room is necessary, extra duct work is used.

Who makes arc-resistant switchgear?

Crown Arc-Resistant Switchgear Crown Technical Systems is one of the few companies in the world that engineers and manufactures arc-resistant switchgear. Our original engineering team pioneered the widespread use of arc-resistant gear throughout Canada.

What is an arc flash?

An arc flash is an electrical explosion where energy leaves the circuit that it is contained in and travels through the air. The blast from an arc event combines voltage, heat--up to 35,000 degrees Fahrenheit--and violent concussion. Even with special PPE, those in the vicinity of an arc flash risk injury or even death.

The switchgear electrical market in Chicago is experiencing significant growth, driven primarily by the city's robust industrial sectors. Chicago serves as a hub for key ...

An arc flash event is instantaneous, violent, and can be fatal. Without a proper risk assessment, your personnel are working blind--and your business may not be in complete compliance with ...

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