

Vertiv™ PowerBoard Low Voltage Switchgear

Gain New Low-Voltage Switching Capabilities to Power Digital Operations



Benefits

Receive consultative support: Our team of engineers can help you select the right LV switchgear for your application, voltage, and current requirements, space constraints, heightened safety, and other requirements. As a result, you'll be able to value-engineer your solution for optimal results.

Sole-source your certified switchgear: Vertiv offers LV switchgear at multiple voltage levels and current and fault ratings. Our products meet International Electrotechnical Commission (IEC) (61439-1) standard for European applications and Underwriters Laboratories (UL) 891 and 1581 standards.

Innovate your power infrastructure: Vertiv can provide complete power packages, with switchgear, busbars, PLC programming, energy management solutions, and uninterruptible power supply (UPS) devices. We also can help you install intelligent circuit breakers, which requires a higher level of engineering expertise.

Count on heightened safety features: North American buyers benefit from the fact that Vertiv™ PowerBoard Low Voltage switchgear was designed to meet European IEC standards and thus isolates breakers between sections and from busbars. As a result, our North American solutions exceed UL requirements.

Benefit from in-house manufacturing processes: Since Vertiv manufactures all solutions in-house, we are able to maintain rigorous quality production processes. Our solutions use a standardized, modular design that is highly customizable, enabling buyers to meet their unique requirements.

Select your own components: Some manufacturers require that customers purchase specific vendors for breakers. Vertiv is supplier-agnostic, meaning that you can choose the solutions that you want.

Vertiv Low-voltage (LV) switchgear is part of the last mile of electrical protection at data centers, heavy industry companies, and utilities. These solutions isolate electrical equipment and circuits, while also enabling local and remote switching.

Low Voltage Switchgear ensures a continuous flow of the electricity required to support hybrid workforces, power business operations, and delivery digital products and services. Since outages can take workers and businesses offline, LV switchgear plays an important supporting role ensuring the high availability of equipment.

Vertiv offers an indoor LV switchgear line, rated up to 690V and 800A to 6300A for the North American and EMEA markets. Vertiv™ PowerBoard Low Voltage Switchgear is entirely manufactured in-house and is available in air-insulated options, as well as metal-clad and metal-enclosed housings. With full control over design, manufacturing, and componentry, we are able to offer customers faster deliveries and cost-effective customization.

Features

- Available in ratings of up to 690V/800A to 6300A
- Seismic certifications include IBC 2012, CBC 2010, and rated components
- NEMA 1 gasketed enclosures for indoor applications; NEMA 3 for outdoor applications
- Segregation available up to Form 4 Type 6.
- Type-tested arc prevention busbar systems
- Incorporates life safety protection relays and interlocks
- Uses fixed-mount or draw-out breakers from a vendor of your choice
- Ability to integrate transient voltage surge suppressor, power quality meters, protective relays, and controls based on site requirements



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