Vertiv™ PowerBoard Flex Switchboard

VERTIV

Features

- Available in ratings up to 600V/5000A.

- Seismic certifications include IBC 2021, CBC 2019, and rated components.

- NEMA 1 enclosures for indoor applications; NEMA 3R for outdoor applications.

- Segregation available up to Form 4 Type 7 for operator safety.

- Incorporates protection relays and interlocks.

- Use fixed-mount or draw-out breakers from a vendor of your choice (ABB, Schneider and other manufacturers)

- Ability to integrate transient voltage surge suppressor, power quality meters, protective relays, and controls based on site requirements.

- Factory expert Service Technicians to support startup, testing and problem resolutions.

- Comprehensive warranty and preventive maintenance programs for increased reliability.

A fully customizable solution designed to improve efficiency, enhance safety and save space in data center.

Vertiv™ PowerBoard Flex Swtchboard helps maintain power operations at a wide array of facilities. These cost-effective, space-saving solutions help transmit electricity and protect equipment and circuits up to 600 volts and 5000 ampacity.

Switchboard are typically placed in dense infrastructure environments, such as industrial and commercial facilities and data centers. Customers are concerned about meeting unique application requirements and providing exceptional on-the-job performance. However, they also have additional considerations, such as providing operator safety and placing solutions in tight spaces.

Vertiv offers UL891-rated switchboards for the North American market. Designed originally to meet the stringent International Electrotechnical Commission (IEC) 61439-2 standard, Form 4b, these Vertiv™ switchboards meet North American UL891 safety requirements, offering buyers added value in the form of greater safety features. In addition, our solutions provide compliance and have been shake-table tested to determine their operating resilience.

Vertiv™ PowerBoard Flex Switchboard

Benefits

- **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 you want.

- **Receive consultative support:** Our team of engineers can help you select the right switchboard for your application. We'll work with you to consider your voltage and current, space constraints, heightened safety, and other requirements. You can also customize our modular solution to your unique requirements.

- **Buy equipment that offers heightened safety features:** Vertiv™ PowerBoard Flex Switchboard were originally designed to meet the European IEC 61439-2 standard, Form 4b, which isolates breakers between sections and from busbars. As a result, our switchboard offers safety features that meets UL891 requirements. Vertiv™ PowerBoard Flex switchboards are safer and easy to maintain, as segregation reduces internal arc fault risk.

- **Purchase equipment that's fully certified:** Vertiv™ PowerBoard Flex meets multiple standards and certifications, such as NEMA, CSA, IEEE, ANSI, IEC, and CE. In addition, our switchboards meet multiple seismic certifications, including IBC 2021 and CBC 2019. Our componentry and enclosures are also seismic-rated.

- **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 application requirements.

- **Choose your access requirements:** Vertiv™ PowerBoard Flex Switchboard are available in front-only access or front and rear access options. Many buyers prefer front-only access for a slimmer profile that makes it easier to transport switchboards, install them in tight spaces, and avoid the need for rear clearance.

- **Busbar** is fully rated tin or silver plated Copper

- **Buy American Act (BAA) Requirement -** as most of the components are procuring within the USA, can easily meet this requirement. customer needs to mention this requirement while developing their solution.