ABB Cyberex®SuperSwitch®4 200-1000A digital static transfer switch now available

208V and 480V SuperSwitch®4 digital static transfer switches (DSTS) offer improved power quality detection, reliability, and serviceability

RICHMOND, VA, United States — August 25, 2016 — ABB, the leading power and automation technology group, has improved upon the existing SuperSwitch®3 offering with the launch of the next generation of digital static transfer switches, the Cyberex® SuperSwitch®4. Building on the 40 years of experience in designing and manufacturing DSTS systems, the SuperSwitch®4 redefines power reliability with its robust design, improved serviceability, and state of the art user interface.

The SuperSwitch®4 is designed with a 'true' fault-tolerant architecture, ensuring there is truly no single point of failure by utilizing our patented transfer algorithms and robust electrical components. It boasts improved power quality detection that is immune to harmonics and load imbalance between the phases. In applications with downstream transformers, the SuperSwitch®4 limits potential high transient inrush currents using state of the art digital signal processors and a newly developed, algorithm called Real Time Flux Control™ for dynamic inrush restraint (DIR). The results of this innovative approach is out of phase transfers up to 25% faster and inrush currents that are 40% lower than the SuperSwitch®3. This intelligent proprietary technology ensures performance that exceeds CBEMA and ITIC standards, regardless of phase drift between sources.

Ease of installation and serviceability were two key priorities in the development of the SuperSwitch®4. While maintaining a footprint approximately 30% smaller than comparable industry models, this next generation DSTS utilizes modular components, staggered phase connections, and flexible access from either the front, side, or rear of the unit. These features allow end users the ability to optimize available floor space with the SuperSwitch®4.

Another key improvement of the SuperSwitch®4 is the state of the art unit display. The SuperSwitch®4 is equipped with a 10.4" LED color touch screen GUI with a backlight life of up to 70,000 hours. Up to 30 waveform events (either transfer or non-transfer) can be captured and displayed via the GUI or downloaded as an image file for further analysis from the new display US B port. Intuitive software-guided bypass commands and breaker operation instructions via the high-resolution color display help eliminate the causes of human error.

The Cyberex® SuperSwitch®4 is part of ABB's broad range of products and integrated solutions that ensure data centers operate with optimum reliability and efficiency. From power distribution systems to enterprise management and grid connections, ABB provides savings in installation, energy, space and maintenance.

About ABB

ABB (www.abb.com) is a leader in power and automation technologies that enable utility, industry, and transport and infrastructure customers to improve their performance while lowering environmental impact. The ABB Group of companies operates in roughly 100 countries and employs about 135,000 people.

For more information please contact:

Marketing Communications
Susan Hughson
Tel: +1 800 236 3335
susan.hughson@us.abb.com

ABB Power Protection Product Group
5900 Eastport Boulevard
Richmond, VA 23231

David Dupuis
Associate Product Manager, Enterprise
Tel: +1 800 236 3306
david.dupuis@us.abb.com