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ABB receives extended CSA certification for UniGear Digital

ABB's certification for UniGear ZS1 medium-voltage switchgear now also covers UniGear ZS1 equipped with ABB's sensors and latest Relion® protection relays in the digital switchgear solution known as UniGear Digital.

The UniGear ZS1 medium-voltage switchgear was certified by CSA¹, a leading North American standards organization, in 2011. Now the CSA certification has been extended to include also UniGear ZS1 equipped with ABB's sensor technology and the latest Relion protection and control relays. CSA certification is essential for products to be sold in the North American market.

"This certification is a key development for ABB's customers," said Alessandro Palin, Managing Director of ABB's Medium Voltage business. "The flexible features of this innovative medium-voltage switchgear solution makes it suitable to address also the specific grid requirements in the North American market. Reaching this milestone is important, as we see an increasing demand in the market for digital switchgear solutions, as they are able to take on shorter project cycles, frequent changes and meet stringent cost-efficiency requirements."

As a part of the ABB Ability™ portfolio of connected solutions, digital switchgear combines protection, control, measurement and digital communication to enable a safe, flexible and smart electrical network that can deliver power reliably and efficiently. It is based on the optimized integration of current and voltage sensors into medium-voltage switchgear, combined with the latest Relion protection and control relays, and the capability of the IEC 61850 standard for communication.

ABB launched its first digital switchgear with UniGear Digital in 2014 and is building on its range with new generation digital switchgear technology that delivers operational efficiency and unprecedented flexibility. The delivery time is 30 percent shorter and engineering, installation and commissioning is easier. Using connectivity packages, it is quick and easy to connect the digital switchgear to a supervisory control and data acquisition (SCADA) system, and modifications can be made without complex additional wiring.

ABB (ABBN: SIX Swiss Ex) is a pioneering technology leader in electrification products, robotics and motion, industrial automation and power grids, serving customers in utilities, industry and transport & infrastructure globally. Continuing more than a 125-year history of innovation, ABB today is writing the future of industrial digitalization and driving the Energy and Fourth Industrial Revolutions. ABB operates in more than 100 countries with about 136,000 employees. www.abb.com

¹ The CSA Group is one of the largest standards development organizations in North America; a global provider of testing, inspection and certification services for products from a wide range of market sectors, and a leader in safety and environmental certification for Canada and the US.

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