

---

ZÜRICH, SWITZERLAND, APRIL 5, 2018

# Enabling digital switchgear with ABB Ability™ Circuit Breaker Upgrade for MV

ABB introduces an innovative VD4 Digitup solution to modernize existing switchgear to make them digital. VD4 Digitup results in an advanced switchgear solution addressing important requirements – flexibility, increased process efficiency, lower cost of operation and maximized integration, reliability and safety.

Distribution network evolution gives new requirements to medium-voltage switchgear, challenging both the equipment manufacturers and the end users. VD4 Digitup delivers all distribution network and customer requirements, including higher reliability and safety levels to fulfill new standards for operator and equipment, deeper power generation integration, higher requirements for protection selectivity and renewable or distributed energy sources that introduce bidirectional energy flow.

VD4 Digitup is accomplished by using state-of-the-art, well-proven components: vacuum VD4 breakers with onboard current and voltage sensors connected to Relion® protection and control relays enabling IEC 61850 digital communication.

“VD4 Digitup allows easy and quick implementation of a truly digital switchgear even when the panel designs are not preset for this application,” said Burhan Gundem, Service Manager of the Electrification Products division. “ABB is pleased to provide an easily installed solution allowing any existing panel to be completely modernized regardless of the age, design and brand, thereby becoming ABB digital compliant.”

This new and innovative concept brings unprecedented flexibility for medium-voltage switchgear as any existing panel can be completely modernized through digitization. Learn more about this new solution by visiting the website.

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 a history of innovation spanning more than 130 years, ABB today is writing the future of industrial digitalization with two clear value propositions: bringing electricity from any power plant to any plug and automating industries from natural resources to finished products. As title partner of Formula E, the fully electric international FIA motorsport class, ABB is pushing the boundaries of e-mobility to contribute to a sustainable future. ABB operates in more than 100 countries with about 135,000 employees. [www.abb.com](http://www.abb.com)

—

**For more information please contact:**

Natalie Hodges  
Media Relations Manager  
Electrification Products Division  
Phone: +41 (0)43 317 54 04  
E-mail: [natalie.hodges@ch.abb.com](mailto:natalie.hodges@ch.abb.com)

ABB Ltd  
Affolternstrasse 44  
8050 Zurich  
Switzerland