Press Release

ABB showcases a range of connected low voltage solutions at Hannover Messe

ABB's Low Voltage Products division demonstrates innovative solutions that support the company's vision of delivering the Internet of Things, Services and People to help for helping customers manage increasingly connected assets

Hanover, April 13, 2015 – ABB, the leading power and automation technology group, unveiled a range of low voltage solutions that will help to enable the Internet of Things, Services and People (IoTSP) at the Hannover Messe in Germany. Solutions included the Emax2 circuit breaker, the only breaker that can be integrated into the IEC 61850 standard, the new PSTX softstarter with integrated communication, the UMC100.3 universal motor controller which supports predictive maintenance and the G13 gateway which connects energy meters to support customers with energy management.

Uwe Laudenklos, Low Voltage Products division manager in Germany, commented: "We are committed to support our customers to harness the potential from their connected physical and human assets so that they can optimize operations to achieve energy and cost reduction benefits. Our products that connect, protect and control electricity in a wide range of environments offer increasing intelligence and connectivity. We are innovating in a way to support our customers with their connected enterprise, building or home."

Examples showcased at Hannover Messe include:

- **Emax2 circuit breaker –** is a groundbreaking innovation which delivers power management within a circuit breaker for the first time. At Hanover, ABB has unveiled its integrated IEC61850 communication module, which enables integration with distribution automation systems and networks.

- **PSTX softstarter –** with built-in control and communications unit, motors can be run more reliably, efficiently and with increased productivity – energy monitoring and load management can be handled remotely to prolong equipment life and reduce power consumption**.**

- **UMC100.3 universal motor controller** – with integrated software and firmware to analyze data and provide motor management, control and diagnostics, which can be the basis for predictive equipment maintenance.

- **G13 webserver gateway for electricity meters –** this solution can connect to up to 32 meters to gather and analyze data about energy usage and present the information in a format that is easy to understand.

Kai Garrels, head of standards and industry affairs, Low Voltage Products, added : "IoTSP is not only about the intelligence in our products, but also about how we provide technology advances for our customers in their product and process development, operations, supply chain and service. We are investing to ensure that we are at the forefront of developments in this area."

Photos can be found on the press area of our website www.abb.de.

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Internet of Things, Services and People

ABB has been advancing technologies for the "Internet of Things, Services and People" for more than a decade via its control systems, communication solutions, sensors and software. Its technologies allow industry, utility and infrastructure customers to make more intelligent use of data to optimize their operations, increase productivity and flexibility. The product featured in this release extends the offering of ABB in this field.

ABB (www.abb.com) is a leader in power and automation technologies that enable utility, industry, and transport and infrastructure customers to improve performance while lowering environmental impact. The ABB Group of companies operates in roughly 100 countries and employs about 140,000 people.

For help with any technical terms in this release, please go to: www.abb.com/glossary

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