Press Release

Life Is On | Schneider Electric

Schneider Electric launches the Easergy T300: powerful digital monitoring and control for electrical distribution networks

- **T300 is a smart grid-ready solution for electrical distribution networks.**
- **T300 is Powerful, Simple, Flexible, Digital and Secure.**
- **The modular Easergy T300 feeder automation device brings a truly modern approach to distribution network automation.**
- **A new powerful, flexible, digital Easergy range to tackle utility challenges.**

Rueil Malmaison, France, November 8 2016 – Schneider Electric, the global specialist in energy management and automation, will showcase the new Easergy T300 feeder automation device at European Utility Week in Barcelona, November 15-17 2016. The Easergy T300 is a smart grid-ready solution for electrical distribution networks. It offers advanced monitoring, control, and automation functions, and employs the latest communication technologies for remote and local operation, enabling utilities to minimise supply interruptions, optimise network performance, and reduce operational costs. The Easergy T300 is:

- **Powerful.** An integrated all-in-one solution for MV/LV control and monitoring.
- **Simple.** A modern tool entirely designed to simplify ownership from installation, to commissioning and maintenance.
- **Flexible.** A compact and modular design for many customer applications and configurable to their needs.
- **Digital.** Up-to-date communication for future-proof systems with open protocols and a digital life cycle.
- **Secure.** Helps to secure the control and data acquisition for the operation of electrical networks including cyber security of the substation.

Tackling utilities' challenges

In order to ensure reliable power availability and reduce outage times on the MV and LV network, the Easergy T300 includes advanced fault detection features. Functions include directional and non-directional over-current detection, broken, or bridged line detection, transformer (per phase), and fuse blown detection. The device also anticipates the loss of LV neutral. Powerful automation capabilities mean that the Easergy T300 can be applied to reconfigure the network and reduce outage time with centralised and decentralised automation.

The accurate voltage and power measurement within the Easergy T300 also helps with the integration of MV and LV distributed energy resources by providing this high-accuracy data to the Volt-VAR system for real-time management. It also helps to optimise the power flows and monitor power quality delivery on both MV and LV sides, according to EN 50160, even when integrating intermittent distributed generation.

The accurate data analysis of the Easergy T300 helps optimise grid investments by managing peak-load situations in real-time with accurate data. This data can also help in reducing technical and non-technical losses and optimising energy efficiency with improved load flow calculations.

One powerful, flexible, digital new Easergy range

The Easergy T300 feeder automation device is part of the new Easergy product range from Schneider Electric, which also includes the Easergy P5 protection relay. These new connected products are just two examples of Schneider Electric innovation at every level.

For more information about Schneider's Easergy range, please visit www.schneider-electric.com.

About Schneider Electric
Schneider Electric is the global specialist in energy management and automation. With revenues of ~€27 billion in FY2015, our 160,000+ employees serve customers in over 100 countries, helping them to manage their energy and process in ways that are safe, reliable, efficient and sustainable. From the simplest of switches to complex operational systems, our technology, software and services improve the way our customers manage and automate their operations. Our connected technologies reshape industries, transform cities and enrich lives. At Schneider Electric, we call this **Life Is On**.

www.schneider-electric.com

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