

PRESS RELEASE

**BAUR at the Hannover Messe, 25-29 April 2016; Hall 12, Stand E22**

## **LV-Guard 250 monitors low-voltage lines and locates faults with the power supply still connected**

**Sulz/Kiel in April 2016** – With the LV-Guard 250, BAUR GmbH from Sulz (Austria) is launching onto the world market a device that provides a unique and innovative method of fault location in low-voltage networks without disconnecting the power supply to consumers. This is achieved by inserting the compact device into the fuse holder of a low-voltage distributor in place of the conventional NH fuse. In the event of a fault, the LV-Guard briefly interrupts the power supply and then switches itself back on after a predetermined time. During tripping, the LV-Guard records a series of fault patterns using arc reflection (TDR), as well as current and voltage traces, and at the same time calculates the fault distance by means of an impedance measurement. In addition, when an event occurs the device sends an SMS to a selectable address and automatically uploads the measured data to a secure server.

Because the operating principle of this device – which is not replicated anywhere in the world – means that consumers remain connected during fault location, downtime is significantly reduced. Different set configurations can be selected. In all versions, operation and readout are performed using a standard internet browser in a clear operator interface or alternatively by convenient remote control. For the internet connection via mobile radio, the device comes equipped with a GSM/GPRS modem. A GPS module allows the position to be displayed on a map. The LV-Guard is based upon a development by MS Technik in Kiel (Germany) and has already proven itself in German and Dutch power networks. From the end of April the device will be available from BAUR around the world.

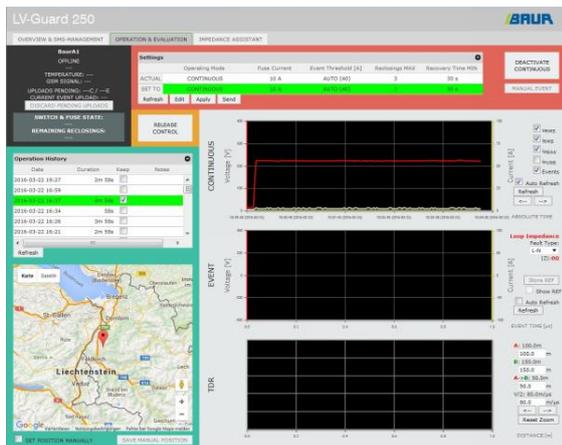
You can find further information at [www.baur.eu/lv-guard250](http://www.baur.eu/lv-guard250).

Visitors to Hannover Messe can get to know the LV-Guard – as well as lots of other BAUR exhibits – at the BAUR stand (Hall 12, Stand E22, Hanover Exhibition Grounds/Germany) from 25 to 29 April.

The LV-Guard is the first product from the Kiel company MS Technik GmbH & Co KG to be included in BAUR's sales portfolio. The two specialists in cable measurement and testing technology have recently concluded a cooperation agreement that will allow further products developed by MS Technik for the low-voltage market to be sold via the global BAUR sales network.



The LV-Guard 250 system includes an intelligent power switch, a safety power supply unit and various version-dependent remote controls.



User friendly interface for the operation of the LV-Guard in a web browser



LV-Guard fitted in fuse cabinet

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