

Press Release

smartCOUNT offers easy access to predictive maintenance for new and old substations

A new solution for more reliable substation asset management

Hermsdorf, Germany; May 2020 - Tridelta Meidensha GmbH, the arrester company, has released a new-generation surge arrester monitoring system offering easy access to predictive maintenance for new and old substations. smartCOUNT is the most effective and easiest way to improve overall substation reliability.

smartCOUNT reduces planned and unplanned shutdowns by detecting faulty arresters and provides information about their respective condition. "It is the universal solution for new and old substations and maintenance optimisation under any environmental conditions," comments Markus Jung, CEO of Tridelta Meidensha. Tridelta Meidensha has performed intensive field tests in several countries to test smartCOUNT under different environmental and electrical conditions. The system is now available globally and will contribute to more reliable substation management.

smartCOUNT is a flexible retrofit solution for every gapless metal oxide (ZnO) surge arrester. It provides cyclically logged leakage current records, precisely measured down to the low current range, as well as an exact calculation of resistive current and comprehensive surge arrester condition analysis in the Cloud. Should any leakage current anomalies be detected, smartCOUNT automatically sends out an alert. Users can even detect the typical failure modes of polluted housings, the ingress of humidity or degradation of the ZnO varistor and therefore can easily take any necessary action before the surge arrester fails completely.

The condition of any surge arrester used in the substation is of vital importance for every substation operator. Monitoring environmental conditions provides an excellent overview of the overall condition of the substation.



**The arrester
company.**

For further information about smartCOUNT please visit: <https://smartcount.info/>

About Tridelta Meidensha

Tridelta Meidensha has been manufacturing top quality surge arresters at its factory in Hermsdorf, Germany for over 50 years. Its product portfolio of metal oxide surge arresters for system voltages up to 800kV is complemented by customised arrester solutions for special applications. The company has its own modern, efficient high voltage laboratory where all products are tested according to IEC 60099-4 (for product type tests or customer acceptance tests).

Tridelta Meidensha products are currently installed in more than 120 countries worldwide and have a proven track record of reliable service even under the most severe climatic conditions. Tridelta has been part of Meiden Corporation/Japan since 2015.

Contact

Tridelta Meidensha GmbH

Tel: +49 (0)36601 9328300

E-mail: arrester@tridelta-meidensha.de