

## Quick insulation fault location

Now with Modbus RTU

**The fault-detection process for insulation faults can become a costly and time-consuming process in extensive industry systems. The insulation fault location system of the VARIMETER EDS family from DOLD, consisting of a RR 5886 test current generator and the RR 5887 insulation fault search device, monitors and locates insulation faults in a quick and safe manner in complex, isolated AC/DC mains (IT systems). The Modbus RTU interface allows a fast connection of the devices into existing bus systems.**

The corresponding current transformers ND5017 work independent of each other. They are simply connected to the input channels of the fault locating module RR5887, which also calibrates them. Insulation fault search devices can notably be used advantageously in complex and widespread power supply systems.

Even computer centres, which are operated in unearthed mains (IT system) due to availability and insensitivity to disruption, benefit from the use of an insulation fault location system. Faulty electrical circuits can be found and removed quickly before a system break down with loss of data.

The information about the location of the fault are visualised directly on the RR 5887 insulation fault search device. In addition the



actual fault current values can be read, localised and visualised via Modbus.

The insulation fault location system allows for automatic and quick pinpointing of faulty electrical circuits, thereby increasing reliability and system availability. You will very quickly recoup the purchasing costs for the insulation fault location system thanks to reduced maintenance costs and eliminated service interruptions.

Some application examples include power plants, shipbuilding, traffic engineering, industrial systems, PV systems etc.

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