

## VARIMETER RCM: Reliable detection of fault currents

Integrated residual current measurement increases availability

**By detecting insulation errors at an early stage and through preventive maintenance and upkeep outside of hours of operation, unexpected machine and system standstills, and with it production loss, can be avoided. Residual current monitors, also known as RCM, measure and monitor residual currents in earthed power supply systems.**

The compact IR 5882 residual current monitor from DOLD's VARIMETER RCM family with integrated residual current converter and an installation depth of only 63 mm records residual currents and pulsating fault currents and reports these via its potential-free changeover contact depending on the configured response values for pre-warning and alarm.

In addition to its wide auxiliary voltage range of AC/DC 24 ... 230 V, this device also stands out thanks to its configurable delay time, the configurable fault memory and wire breakage detection in the measurement circuit. Systems in which residual currents can form due to porous cables, moisture or dust build-up are reliably monitored using the IR 5882.



The residual current monitor has its place in the most diverse of applications and increases the reliability of power supply systems through preventative maintenance, and offers preventative fire and system protection using early fault detection. Some application examples include building automation, computer centres, traffic engineering and air conditioning and cooling systems.

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Contact Address for Publication  
Please contact before publication  
Nous contacter avant publication, s.v.p.

E.DOLD & Söhne KG  
PO box 1251  
78114 Furtwangen

Tel. +49 (0)7723/654-0, Fax -356  
Email: [dold-relays@dold.com](mailto:dold-relays@dold.com)  
<http://www.dold.com>  
Point of contact: Dipl. Ing. Sigmund Plachetka