# burster

## HIGH-IMPEDANCE METER FOR INSULATION RESISTANCE MEASUREMENT IN BATTERY PRODUCTION AND TESTING

#### RESISTOMAT® 2411

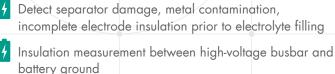
high speed, fieldbus compatible, precise











Riso measurement between battery pole and chassis, and much more

### **Highlights**

Extremely fast measurement and evaluation

Ether CAT.

- Minimal discharge times for residual voltage
- Configurable measurement sequences and operating modes
- Pass/fail indication via limit values
- PROFINET for easy control system integration
- Broken lead detection and more

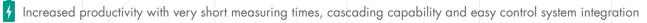
#### **Features**

- Measuring ranges  $0 \dots 100 \text{ k}\Omega$  to  $100 \text{ G}\Omega$ (optional up to  $100 \text{ T}\Omega$ )
- Measurement time from 50 ms
- Measurement accuracy starting at 0.1 % of reading
- Test voltages from 10 V DC to 1000 V DC adjustable in 1 V steps
- 32 measuring programs for a wide variety of parts

### Performance in every process phase

EtherNet/IP

R&D, testing, production, assembly



Precise measurement results using innovative measurement method

Faulty or insufficient insulation can have serious impacts on the service life, aging process and performance of individual cells or complete high-voltage battery modules. These impacts are safety-relevant, pose a fire hazard, and may have lifethreatening consequences. Avoid them in advance.