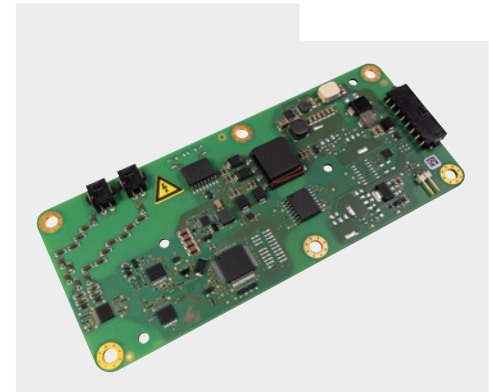


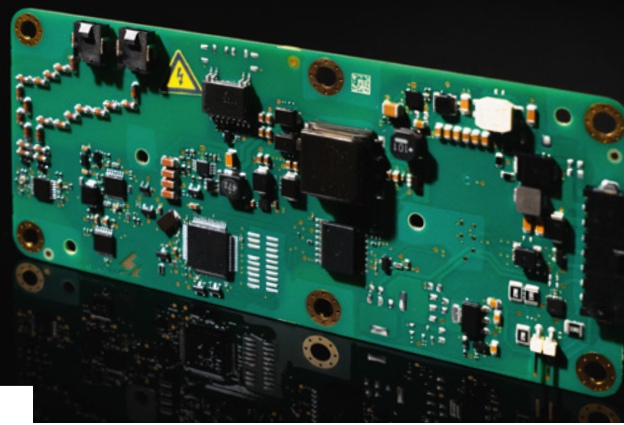
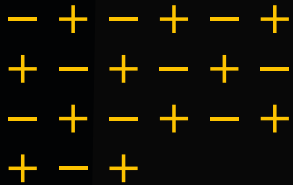


ISOMETER[®] iso175

Insulation monitoring for hybrid and electric vehicles

- Active measurement
- Patented technology
- Detection of symmetrical and unsymmetrical faults
- CAN interface
- Automatic adaptation to the system leakage capacitance (up to 10 μF depending on profile)
- Integrated self-diagnosis





Further product features of the iso175

- Insulation monitoring of AC and DC insulation faults for unearthed systems (IT systems) from DC 0 V...1000 V
- Integrated self-diagnosis
- Continuous measurement of the insulation resistance from 0 Ω ...50 M Ω
- Detection of ground faults and HV connection loss
- Configurable undervoltage detection
- Quick start-up measurement
- Response time of ≤ 20 s for measured insulation resistance
- Galvanic separation of all signals from the HV side
- Integrated "Earthlift" for decoupling of the HV side

Bender eMobility solutions:

Standard-compliant solutions from the charging station to electric vehicle

- Vehicle sensors (insulation monitoring)
- Infrastructure sensors for AC and DC charging
- Charging technology/Charge controller

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