

One device – two charging standards

Insulation monitoring for DC charging stations

## ISOMETER® isoCHA425HV-D4-4 +AGH420-1

- Selectable between CCS (Combined Charging System) and CHAdeMO
- Nominal voltages up to DC 1000 V
- Detection of positive, negative, and balanced faults to ground
- Galvanically isolated Modbus RTU interface





## Bender isolation monitoring interrupters for DC charging:

- Proven, active measurement method for determining the insulation resistance
- Monitoring of the electrical integrity of the DC charging system including the electric vehicle
- Standard-compliant use in DC charging stations (CCS and CHAdeMO) according to SAE J1772, IEC 61851-23, UL2231-1, -2, and IEC 61557-8



## isoCHA425HV-D4-4 +AGH420-1:

- Isolation monitoring interrupter for CCS and CHAdeMO
- Measurement of the system leakage capacitance
- Measurement of the nominal system voltage with undervoltage and overvoltage detection
- Two separately adjustable response value ranges of 5...600 kΩ (Alarm 1, Alarm 2)
- Alarm output via LEDs, display and alarm relays



## Bender electric vehicle solutions:

Standard-compliant solutions from the charging station to the electric vehicle

- Vehicle sensors (insulation monitoring)
- Charging technology/charge controllers
- Ground-fault sensors and isolation monitoring interrupters for AC and DC charging

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