

Safely measure high currents and voltages

Hall Effect Transducers

Mors Smitt transducers are specially designed to safely measure high currents and voltages in rolling stock and trackside equipment.

Features

- Specially designed for railway applications
- Closed loop (compensated)
- High dielectric strength
- Very high accuracy
- High dynamic response
- No Foucault losses in the magnetic circuit
- EMC shielding (optional)
- Wide temperature range, -50 °C..+85 °C
- Railway compliant

MSA Range

Current measurement

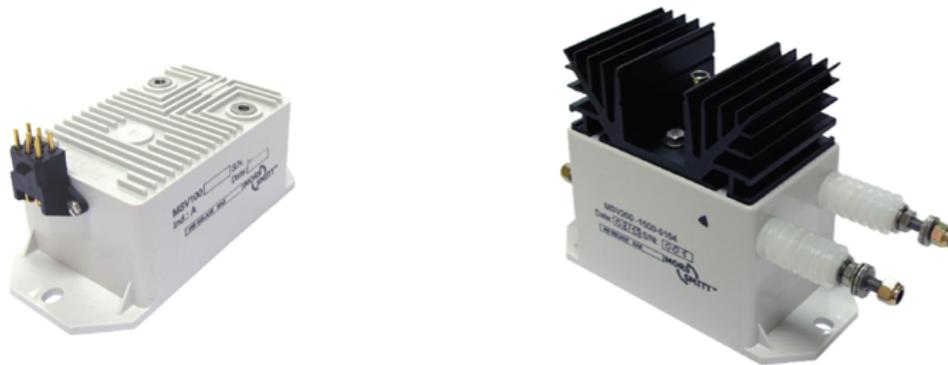


- Measurement of AC and DC currents
- High galvanic isolation
- Can handle pulsed currents
- Bandwidth from -2000 A...2000 A.

[Read More ...](#)

MSV range

Voltage measurement



- Measurement of AC and DC voltages
- High galvanic isolation
- Can handle pulsed voltages
- Bandwidth from -5000 V...5000 V.

[Read More ...](#)

Project reference

SOLARIS Tramino, Leipzig



Mors Smitt has designed and delivered a monitoring system for the SOLARIS Tramino tram in Leipzig. The solution is a combination of a current transducer in combination with a specially developed signal unit.

[Read More ...](#)
