Service portfolio
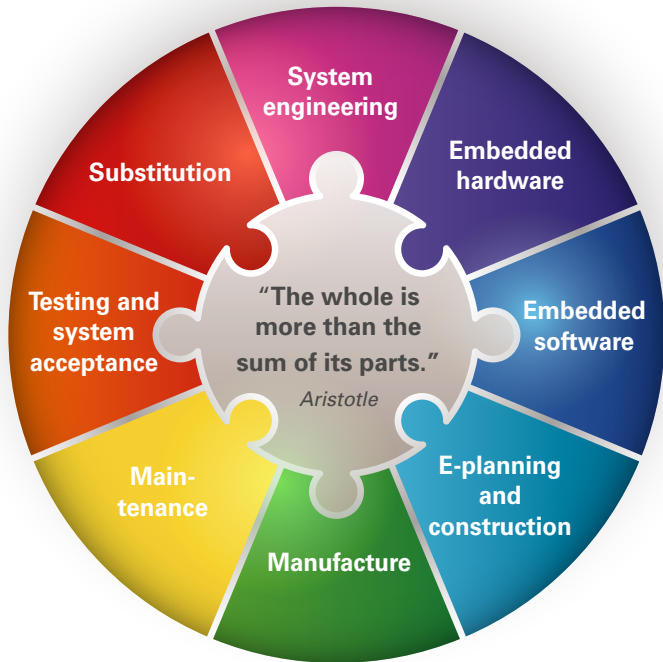
- Integration of our products
- Customised products
- Professional testing and measuring equipment

"The whole is more than the sum of its parts."
Aristotle

- System engineering
- Embedded hardware
- Embedded software
- E-planning and construction
- Manufacture
- Main-tenance
- Testing and system acceptance
- Substitution

WITT Solutions GmbH

Dyrotzer Ring 3
D-14641 Wustermark
Germany

Phone: +49 33234/2433-0
Fax: +49 33234/2433-12
Mail: sales@witt-online.com
www.witt-solutions.de

HAND MADE IN GERMANY

WITT Solutions GmbH

innovative Power Monitoring

- Electrical safety systems for contact voltage or object protection according to DIN 50122, 50124, 50526 etc.
- Systems for DC voltage and currents for use in harsh environments
- Systems for monitoring cable infrastructures
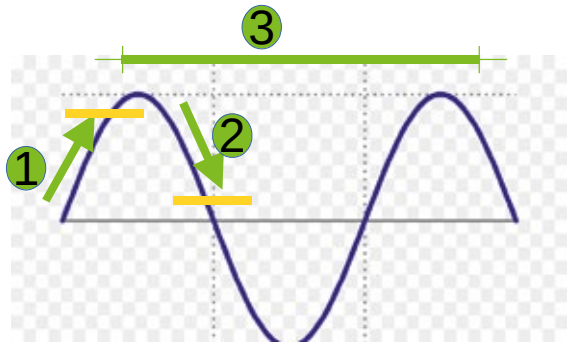- Systems for stray current assessment

There is innovation inside

DC voltage monitoring

Variable evaluation of DC voltages and currents

(1) Threshold value positive   (3) Number of incidents

(2) Threshold value negative   (3) Presence of signal

- "Arbitrary" combinations for signalling.
- Adjustable signal delay in the range ms. to min.

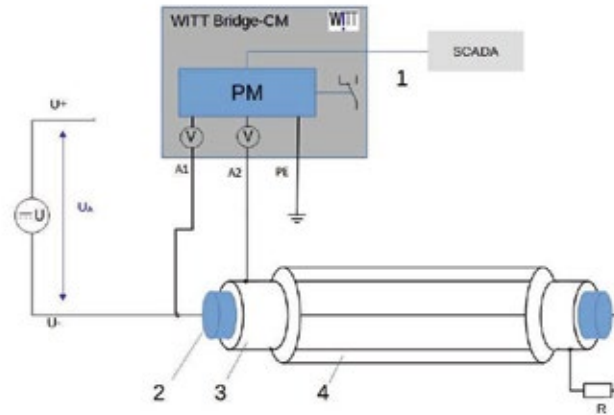Programming is possible ex works

TVM variant
- DC driving voltage monitoring
- Special evaluation High safety
- No auxiliary voltage necessary

Measurements up to 3000 VDC

Dielectric strength up to 6000 VDC

Monitoring cable systems

Power cables and return conductors, DC and AC systems

WITT Solutions GmbH provides different monitoring systems for the respective task.

- Insulation monitoring
- Position detection of the fault or interference with
  - Conductor and screen
  - Conductor and earth
  - Screen and earth
  - Screen on interruption
  - Fault localisation
- Cable temperature

Measurements up to 3000 VDC

Dielectric strength up to 6000 VDC

Short-circuit systems

$$|U_{1e}| = I_{E2} \times R_{E3}$$
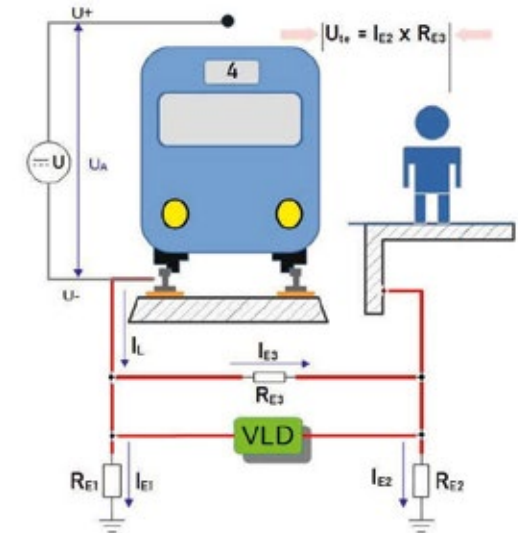
WITT Solutions GmbH offers the largest product portfolio of self-resetting earthing short-circuiters for DC and AC current, potentials for the protection of persons and systems in accordance with the requirements of DIN 50122-01 and DIN 50122-03.

The standardised systems from **WITT Solutions GmbH** can be individually adapted.

The high flexibility is ensured by a modular and safe measuring system.