



IMU SMART SERIES

DIFFERENTIAL MODE TESTING SYSTEM

The new IMU SMART series enables customers to start performing fully automatic tests according to IEC 61000-4-19. Designed to generate and inject differential mode disturbances in the frequency range 2 kHz – 150 kHz, the system allows testing of smart electricity meters and is any product that could be disturbed by BPL. In particular mains signalling or inverter noise.



Applied Standards

- Directive 2004/22/EC and Directive 2009/137EC relates to
- EN 50470-1:2006 and EN 50470-3:2006 prTR 50579 r
- IEC 61000-x-x (e.g. 61000-4-19) are in force – quote from prTR 50579:2012.

Possible EUTs

- Communication systems
- Solid state meters
- Notebooks (cursor position)
- Alarm systems
- Electronic controls
- Household appliances

Possible Effects on EUTs

- Wrong metering values
- Malfunction of controls
- Malfunction of standard time-signal systems
- Magnetic card-readers
- IT components
- Loss of communication

Need more information ?

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