



KEY FEATURES

A special module for voltage and current measurement. With its robust and compact body, you do not have to worry about measurements even under the toughest conditions. With wireless connection, you can also conveniently control it remotely.

- Wireless measurement technology is easy to apply anywhere
- Robust and compact design
- Easy remote operation thanks to its own intuitive application



Generator winding exciter



Generator winding exciter

WUIM

WIRELESS VOLTAGE/CURRENT MEASUREMENT

WIRELESS TECHNOLOGY



ROBUSTNESS



EASY INSTALLATION



APPLICATION



VOLTAGE & CURRENT MEASUREMENT

The WUIM (Wireless U/I Measurement) module is designed for online voltage and current measurement. With this module, you can accurately measure e.g. voltage and current on rotating parts of electrical machines (exciter, rectifier, diodes).

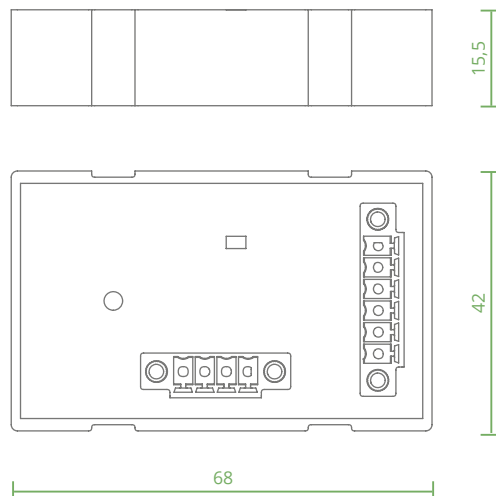
- Measures voltages up to 1000 V
- It uses the LEM HASS xx-S current transducer with rated ranges of 50-600 A
- Measures the mean and effective values of voltage and electric current
- Possibility to perform an oscilloscopic record

The module measures the mean and effective values of voltage and current, and transmits them to the user application where you can check them in real time. Another option is to perform an oscilloscopic record of the actual voltage and current waveforms at a sampling frequency of 10 kHz. The record is stored in the internal memory of the module and can be remotely read by the user application. All this without stopping the machine.

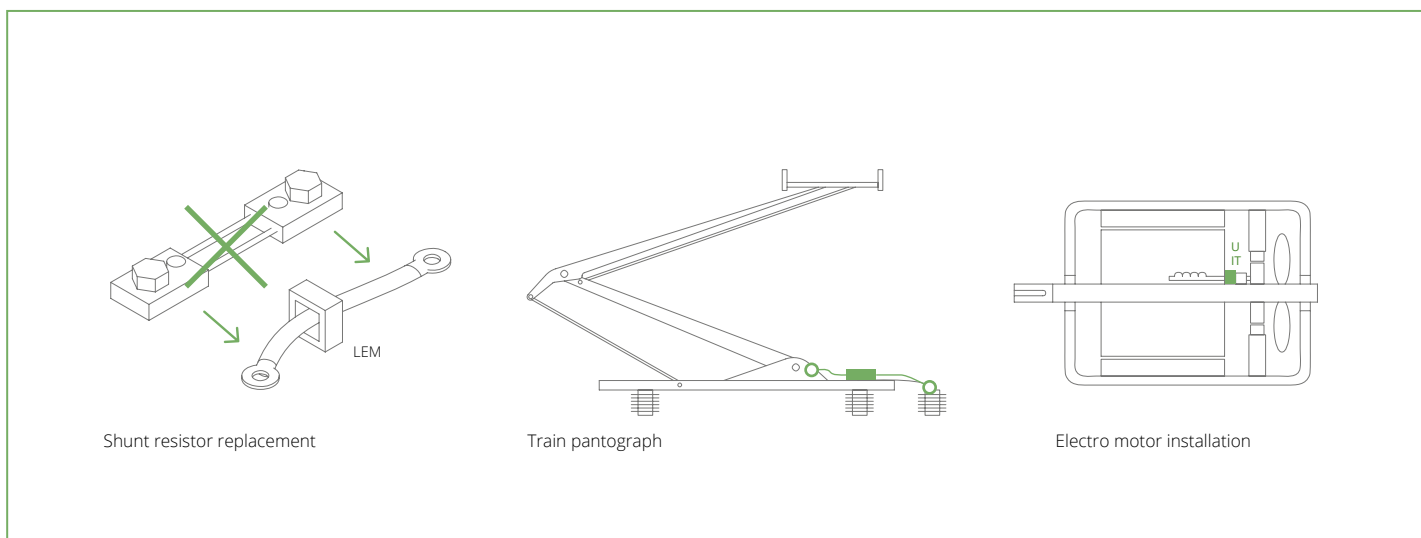


1 Input to measure the voltage up to 1000 V

2 Input for supply voltage and connection for LEM HASS xx-S current transducer



APPLICATION EXAMPLES



SPECIFICATION

Voltage input range	300/1000 V
Current sensor type	LEM HASS xx-S
Nominal currents	50-600 A
Sampling frequency	10 kHz
Internal temperature sensor	yes
Radio signal range	up to 20 m
Weight	55 g
Degree of protection	IP50
Max. continuous acceleration	2000 g
Operating temperature	-10-85 °C
Power supply range	3-5,5 V
Internal memory (capacity)	up to 6 minutes of recording