



MCF-LW12PLG

LoRaWan™ Energy Meter plug with On/Off

This compact meter can be used for monitoring the power consumption of the load, which can remotely be switched on/off. Equipped with a rechargeable battery for mains outage detection.

Characteristics:

- CPU Cortex M0+
- RTC
- EEPROM 32KB
- Flash 64KB
- Encryption AES 128 bit
- Class C LoRaWan™ stack EU868, AS923
- Metering and switch of a 230Vac - 16Amp Load (active, reactive and apparent energy, Class 0.2).
- Configurable default power-on status
- Data are sent through LoRaWan protocol for remote managing.
- Instantaneous reading of active, reactive and apparent power, voltage and current
- NFC for IoT node setup, FW upgrade and data Reading
- Power supply from line
- Rechargeable battery for powerline outage detection
- Storage temperature range -20 + 80C°
- Working temperature range -10 + 70C°
- Dimension: 115x66x30mm

Applications:

- Energy metering
- Powerline quality measure
- Remote load control
- Mains blackout alarm



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