



## MCF-LW13MIO

### LoRaWAN® Multi I/O module

This device transmits the state of its 16 inputs and controls 8 outputs through the LoRaWAN® network. All these inputs and outputs are galvanically isolated. It can be used for industrial process control, home automation, water treatment, agriculture irrigation and similar applications.

### Characteristics:

- CPU Cortex M0
- RTC
- EEPROM 32KB
- Flash 96KB
- Encryption AES 128 bit
- Class C LoRaWAN® stack EU868, AS923
- 16 opto-isolated input AC-DC, range 5-24Vac/dc
- 8 relay output with COM, NO, NC contacts carrying 5Amp@230Vac
- USB port for IoT node setup and FW upgrade
- CANBUS interface
- Power supply 24 Vac/dc
- Storage temperature range -20 + 80°C
- Working temperature range -10 + 70°C
- DIN (EN 60715) mounting enclosure, 9 modules

### Applications:

- Remote I/O