engineering empowerment

enginko®

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.

16 Digital Inputs

8 Digital Outputs

Up to 16 counter

Powerful

With 8 relay outputs that can be **time driven**

Reactive

The events on the input are sents **immediately**, as well as with a periodic message

Flexible

All functions are remotely **configurable**

16 DIGITAL IN

Multi-application with 16 digital inputs that can be configured as pulse counters

LoRaWAN® multi I/O module

Applications

- Remote I/O

Specifications

- CPU Cortex M0
- RTC
- EEProm 32KB
- Flash 96KB
- Encryption AES 128 bit
- Class C LoRaWAN®™ stack EU868, AS923, AU915, US915
- 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 ad FW upgrade
- CANBUS interface
- Power supply 24Vac/dc
- Storage temperature range -20 + 80C°
- Working temperature range -10 + 70C°
- DIN (EN 60715) mounting enclosure, 9 modules

MCF-LW13MIO
official web page:

cod. EN092W01