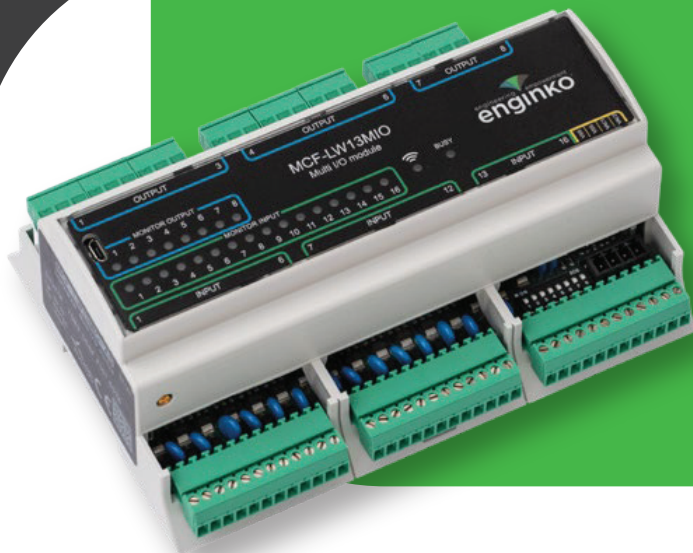


## MCF-LW13MIO LoRaWAN® multi I/O module



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.



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 sent **immediately**, as well as with a periodic message



### Flexible

All functions are remotely **configurable**



**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 and 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