



## LoRaWAN<sup>®</sup> multi I/O module

This device transmits the state of its 16 inputs and controls 8 outputs through the LoRaWAN<sup>®</sup> 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

# MCF-LW13MIO

## 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



MCF-LW13MIO  
official web page:



cod. EN092W01



enginko® SRL Sales and Administration • Via Roma 3, 28060 Sozzago (NO) – Italy • T +39 0321 1593088  
enginko® SRL R & D / Production • Via Lago di Bolsena 27, 36015 Schio (VI) – Italy • T +39 0445 576734  
www.enginko.com



AdriNet d.o.o. - Jarušćica 9a, 10000 Zagreb, Croatia - Tel: +385 1 888 6884  
For more information, contact us: sales@adriNet.hr - www.adriNet.hr