

MyMB interface/actuator for Modbus systems

Data sheet P/N 01335-2085-00 - rev. 1 of the 29/12/2021

The MyMB interface/actuator for Modbus systems is a fundamental tool for achieving the objectives of Predictive Maintenance, Adaptive Energy Management, qualitative data analysis and remote programming of parameters for proper operation of the systems. It has communication capabilities both through a Sigfox M2M network, through a gateway equipped with a transceiver with Z-Wave protocol, and through Wi-Fi.

Through these protocols it will be possible to send the information received to a big data management cloud system to evaluate, through a Predictive Maintenance process, the implementation of automatic customer support processes.





MyMB interface/actuator for Modbus systems

Data sheet P/N 01335-2085-00 - rev. 1 of the 29/12/2021

Features

Code: 01335-2085-00

Transmission protocol: Z-Wave, Wi-Fi, M2M Sigfox

Supported Protocol: Modbus

Operating temperature: 0 ° C ~ 60 ° C

Radio signal power: 1 mW

Radio frequency: 868,4 MHz EU, 908,4 MHz US, 921,4 MHz ANZ, 869,2 MHz RU.

Range: Up to 30 meters in open field

Power supply: 110-230 Vac, 50/60 Hz

Dimension: 90 (H) * 90 (W) * 22 (P) mm

Compatible brands

Heat pumps

Daikin, LG, Samsung, Panasonic, Toshiba, ATAG, Fujitsu, Maxa, Riello, Mitsubishi, Hitachi, Hoval, Unical, Ferroli, Argoclima, Baxi, Gree, Midea, Cosmogas, Clivet, Airmec, Termal, Viessmann e Thermics-Energie.

Note: Every week we integrate new brands, to stay up to date visit the product page on the site www.smartdhome.com

Hybrid inverters

Solax, Zucchetti and Solaredge.

Note: Every week we integrate new brands, to stay up to date visit the product page on the site www.smartdhome.com

MyMB interface/actuator for Modbus systems

Data sheet P/N 01335-2085-00 - rev. 1 of the 29/12/2021

The parts of the MyMB interface / actuator for Modbus Systems



FUNCTIONS RESE GREEN RED
LED LED



Figure 1: Buttons and LEDs

Functions button: refer to the Wi-Fi configuration and Z-Wave configuration part in the user manual.

Reset Button: reboot the device.

Device Connections

To connect and operate the device correctly, it is necessary to understand the usefulness of the green connector on the back and follow the table below (Tab. 1).



SIGFOX/ZWAVE
AERIAL



Figure 2: Aerial and green connector

MyMB interface/actuator for Modbus systems

Data sheet P/N 01335-2085-00 - rev. 1 of the 29/12/2021

Tab. 1: green connector

SIGFOX/ZWAVE AERIAL	1 Modbus B-	2 Modbus A+			5 GND (-)	6 +5V (+)
------------------------	--------------------------	--------------------------	--	--	------------------------	------------------------

Referring to the table above, it is possible to correctly connect the device to the loB cloud. Here are some helpful tips:

1. Pay close attention to the Modbus link as it has polarity.
2. Pay close attention to the 5V power supply connection respecting the + and - (See Tab. 1).
3. Pay close attention to the SIGFOX antenna. It must be well screwed, otherwise the data to the portal could fail and the radio module could be seriously damaged.



SmartDHOME

SmartDHOME Srl
V.le Longarone 35, 20058 Zibido San Giacomo (MI)

info@smartdhome.com

Product code: 01335-2085-00

Rev. 12/2021