MDB-W

Quick Start

For more information and other documentation visit **www.4next.eu** or scan the **QR code** on the side

1. Wiring and connection

1.1 Power supply

Connect MDB-W to a 10-28 Vdc power supply as in Fig.1.
N.B. MDB-W is protected with polarity inversion but for a correct operation the polarity must be respected.

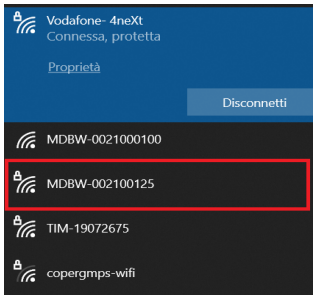
→ Fig.1 Power supply connection

1.2 RS232 and RS485 serial

MDB-W allows you to bridge both an RS485 and an RS232 serial. Terminals for the connection of the serial ports are as in Fig 2.

Fig.2 RS232 and RS485 serial connection ←

1.3 Ethernet



Thanks to the new implementation is now possible to use the Ethernet port.

→ Fig.3 WiFi network published by MDB-W

2. Access and configuration

MDB-W is equipped with an integrated WEB server, therefore it can be configured using a standard browser. To access the configuration pages, connect to the MDB-W Wi-Fi network.
It can be recognized among the available WiFi networks by the name MDB-W + <serial number> as in Fig. 3.
In the example, 2 MDB-W are available, the 0021000100 and 002100125 S/N.
Connect to the published network, the password is 123456789.

2.1 Log in

After connecting to the Wi-Fi network that MDB-W published, open your browser and type the following URL address: http://192.168.4.1 .
It will then be possible to access the MDB-W configuration and consultation pages.
The first screen (Fig. 4) is the user name and password authentication page.
The default values are:
User name: **admin**
Password: **admin**

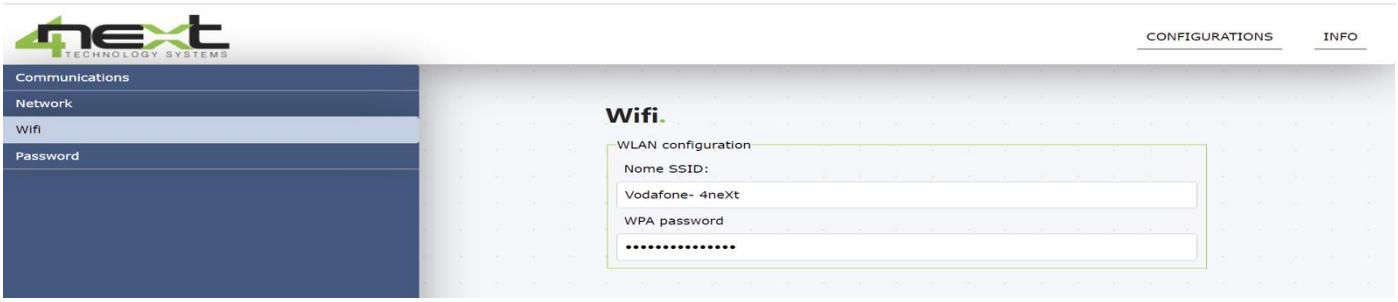
↑ Fig.4 Bridge log in

2.2 Configuration and setting

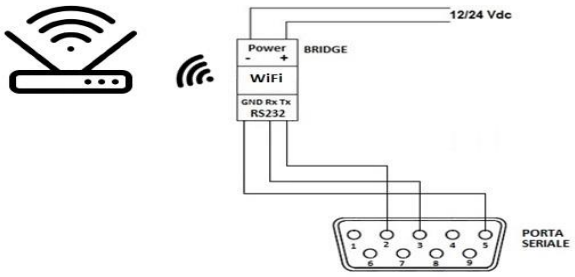
After logging in with username and password, choose the WiFi menu to configure the WiFi network to which MDB-W must be connected.

- SSID name is the name of the WiFi network to which MDB-W must be connected.
- WPA password: WiFi access password

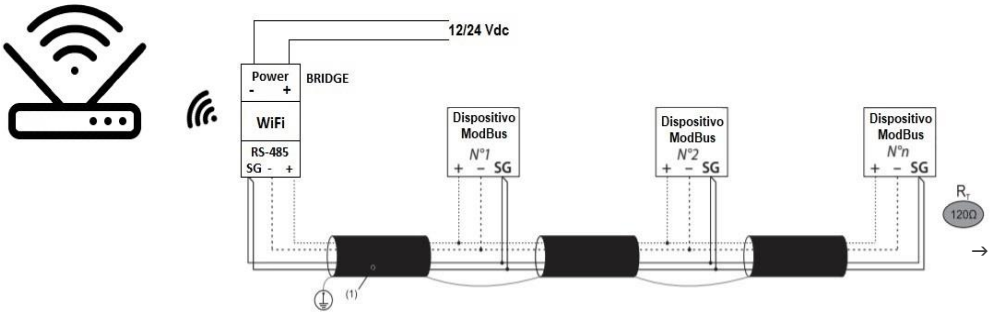
N.B. The name you enter must be the same as the network name, including capital letters, spaces and special characters.



↑ Fig.5 WiFi network configuration screen



→ Fig.6 WiFi-RS232 connection scheme



→ Fig.7 WiFi-RS485 connection scheme