

MDB-E is a bidirectional converter between the Ethernet communication channel and RS232 / RS485 serial channels. Therefore, it allows all devices equipped with a serial port to communicate with software or cards on Ethernet communication.

MDB-E also acts as an RS232 / RS485 converter. Thanks to the NFC interface (Near Field Communication) the configuration is very simple and practical. A dedicated APP allows you to read, modify and set all device parameters.

The galvanic isolation of the serial ports ensures protection for all connected instruments and is a guarantee of isolation from the rest of the system.

Technical features

GENERAL

- Ethernet 10/100 MB/s
- Optoisolated RS485
- Optoisolated RS232 (Rx, Tx, GND)
- Serial communication speed up to 115.200 bit/s
- Power supply 9-32VDC
- Average consumption 30mA

MECHANICAL

- IP41 plastic container for DIN rail mounting
- Size: 17,5 x 86 x 58 mm (1 DIN module)

SOFTWARE

- ModBus TCP/ModBus RTU conversion on RS485
- ModBus TCP/ModBus RTU conversion on RS232
- ModBus RTU RS485/R232 conversion
- Bidirectional protocol conversions on all channels
- Easy and fast configuration through APP
- Default parameters:
IP: 192.168.1.100 DHCP disabled
9600 bps

ENVIRONMENTAL

- Operating temperature: $-20^{\circ}\text{C} \div +60^{\circ}\text{C}$
- Relative humidity: from 0 to 80% without condensation
- Storage temperature: $-40^{\circ}\text{C} \div +80^{\circ}\text{C}$

