



PW 250

M-Bus levelconverter and repeater for 250 devices

- M-Bus levelconverter and repeater for 250 slaves
- USB, Ethernet, 2x RS232C, RS485
- Repeater for M-Bus extension for 250 slaves or cable network
- Intelligent interface management
- integrated 110 .. 240 VAC power supply



Pw250 - The versatile levelconverter

Replacing the Digital Master series the PW²⁵⁰ starts a new era of the M-Bus level converters. It combines the familiar and well-proven M-Bus qualities of the DR series with the advantages of multiple and current interfaces, intelligent interfaces Management and a repeater function.

The PW²⁵⁰ is a transparent level converter for 250 M-Bus slaves. With two RS232C, RS485, a USB and a network interface, it offers a matching connector for almost every purpose. A real feature in connection with this large number of interfaces, is their intelligent management, which allows you to connect multiple external controllers simultaneously, and controls access without collision.

Besides its function as an M-Bus level converter, the PW²⁵⁰ can also be used as a repeater to extend an M-Bus network by 250 meters or the cable network.

The new standard of comfort for M-Bus level converters is completed by the integrated flexible power supply (110 .. 250VAC) and a housing, that is mountable on wall and on the DIN-rail.





Technical Data

Operating voltage: 110 .. 240VAC / 47 .. 63 Hz

Power consumption: max. 100W

Temperature range: 0 .. 45 °C

M-Bus voltage (without load): 42V

M-Bus standby current: max. 375mA

Bus impedance: ca. 8 Ω

Overcurrent threshold: 500mA

M-Bus baud rate: 300 .. 38400 Baud

Galvanic isolation: all interfaces to the M-Bus and additionally the repeater input to all interfaces

Housing: Light grey ABS plastic, protection class IP52, H x W x D: 229mm x 204mm x 76mm

LED status indicators power, communication, maximum load M-Bus, M-Bus short circuit, M-Bus active

Interfaces: 10/100 MBit Ethernet, USB-Host, USB-Device, RS232C, repeater (M-Bus IN)

