

mBus60-RS485

M-Bus/RS-485 transmission converter

The **mBus60-RS485** is a transparent converter from M-Bus electric interface to RS-485 serial interface.

Basic information

The converter operates as a M-Bus Master and allows you to power (connect) up to 60 standard M-Bus receivers (so called M-Bus Slaves) through M-Bus Master output. You can connect fewer devices at a higher M-Bus load over long distances.

You can use mBus with any devices equipped with M-Bus interface, e.g. heat meters, electricity meters, gas meters, executive modules, recorders, measuring instruments.

Connection interfaces are made of screw connection terminal blocks. DIN rail mountable plastic housing (TS35).

Operating conditions

Power supply: 12 ~ 25V DC

Operating temperature: 0 ~ +60 °C

Storage temperature: -20 ~ +85 °C

Humidity: 5 ~ 95% RH (non-condensing)

Dimensions: 70 x 90 x 65 mm (WxDxH)



mBus60-RS485

Technical parameters

Baud rate: 300 ~ 19200 bps

RS-485: 485+, 485-

M-Bus Master: M1, M2

Maximum number of M-Bus receivers:
60 (M-Bus Slave)

Surge protection: 43V 600W/1ms

Galvanic separation:
RS-485 ~ M-Bus - 100V AC/DC
RS-485 ~ power supply - 100V AC/DC
Power supply ~ M-Bus - none