



The converter USB-RS485 is designed to exchange data between a computer (connected via USB) and devices with RS-485. The converter provides stable communication, features galvanic isolation between interfaces, and protection against static electricity.

The plastic housing of the converter can be mounted on a standard DIN rail. The device is powered from the USB port; no external power supply is required. The converter has a built-in 120 Ohm termination resistor, which can be disabled if necessary.

Technical parameters

- USB connector – Type-C
- Maximum data transfer rate – 2 Mbit/s
- RS485 data transmission direction - automatic detection
- Termination resistor - built-in 120 Ohm, disconnectable
- Galvanic isolation between interfaces

LED indication

The converter housing features LED indicators that show the device status:

- Red indicator (PWR) – power supply voltage present on the converter.
- Yellow indicator (Tx) – data transmission from USB to the RS-485 port.
- Green indicator (Rx) – data reception from RS-485 to the USB port.

Dimensions of converter USB-RS485

