

SRS-U/4-Z45

- converter module USB / RS 485
- 3 signalling diods
- galvanic isolation between USB interface and RS 485 lines

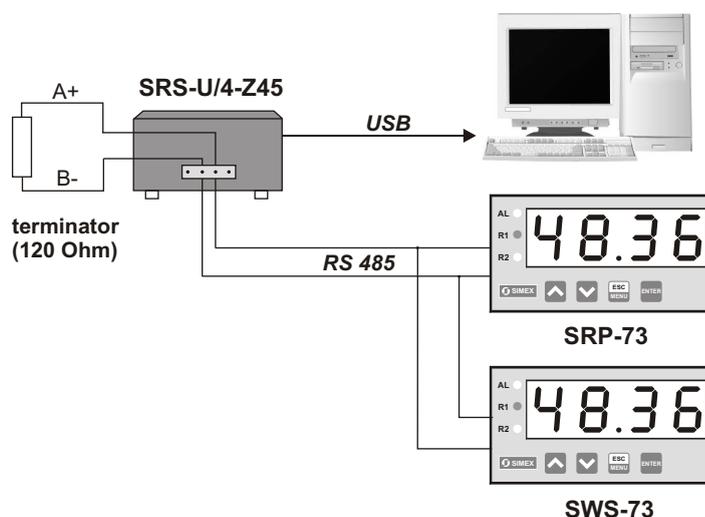


The **SRS-U/4-Z45** converter module is used to connect MASTER devices with a USB port to an RS 485 bus. For example, a suitably programmed PC computer can function as the system MASTER device. The module provides galvanic isolation (optoisolation) between a USB interface and RS 485 lines. The module supports any SIMEX devices equipped with an RS 485 standard port. The module also supports transmission (e.g. MODBUS standard) between any devices equipped with an RS 485 interface and a master device with a built-in USB controller.

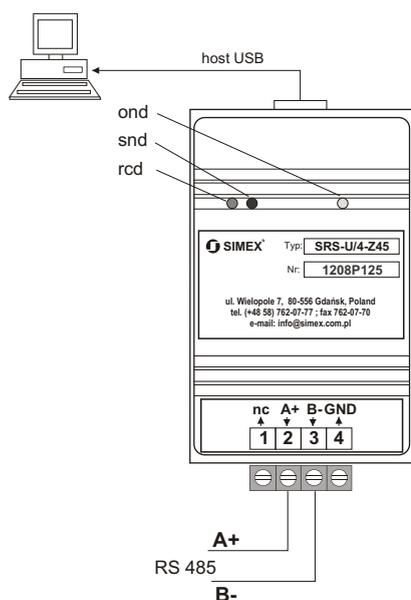
- transmission rate control using RTS signal,
- power supply voltage connection signalling,
- programming mode signalling,
- RS 485 transmitter activation signalling,
- operation set-up signalling,
- transmit and receive signalling.

Typical applications

Communication with a network of devices equipped with an RS-485.



Exemplary pin assignment



Technical data

Power supply voltage: from USB interface (4,4V + 5,25V DC)

Power consumption: max. 150 mA

Galvanic separation: separation between USB interface and RS 485 lines

USB interface port: 1 x type B USB, A to B type cable, length about 3 m

Transmission speed: 300 - 115200 bit/sec.

Operating temperature: 0°C + +50°C

Storage temperature: -10°C do +70°C

Humidity: 5% up to 90% without condensation

Housing dimensions: 40 x 55 x 100 mm

Weight: 170 g

Ordering

SRS-U/4-Z45