

# SRS-U/4-Z45

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

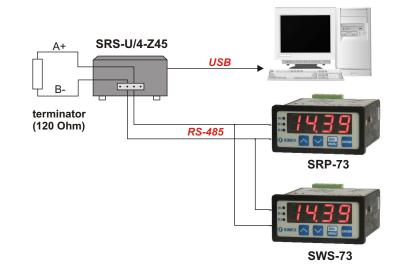


The **SRS-U/4-Z45** converter module is used to connect MASTER devices with na USB port to a RS-485 bus. For example, a suitably programmed PC computer can function as the system MASTER device. The module provides galvanic isolation (optoisolation) between an USB interface and RS-485 lines. The module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

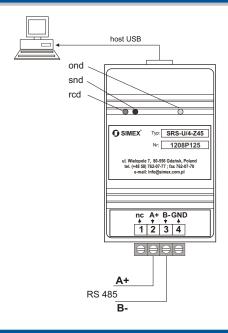
- transmission rate control using RTS signal,
- power supply voltage connection signalling,
- programming mode signalling,
- RS-485 transmitter activation signalling,
- operation set-up signalling,
- transmit and receive signalling.

#### **Typical applications**

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



### Examplary 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:  $0^{\circ}$ C to +50°C Storage temperature:  $-10^{\circ}$ C to +70°C Humidity: 5% up to 90% without condensation Housing dimensions:  $40 \times 55 \times 100$  mm Weight: 170 g

#### Ordering

SRS-U/4-Z45-001

