# **Simex**

## SRS-U/4-Z45

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



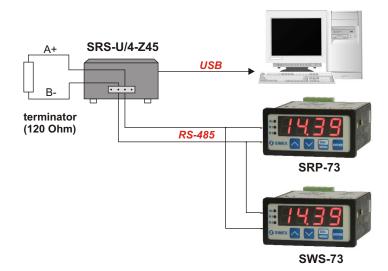
CE

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.

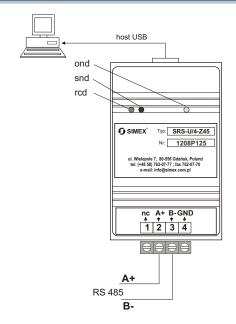
- transmission rate control using RTS signal,
- power supply voltage connection signalling,
- programming mode signalling,
- RS-485 transmitter activation signalling,
- operation set-up signalling,
- transmit and receive signalling.

## **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°C to +50°C
Storage temperature: -10°C to +70°C
Humidity: 5% up to 90% without condensation
Housing dimensions: 40 x 55 x 100 mm

Weight: 170 g

#### **Ordering**

SRS-U/4-Z45-001

