



SRS-2/4-Z45

- converter module RS-232 / RS-485
- 4 signalling LEDs
- galvanic isolation between RS-232 and RS-485 lines
- 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



The **SRS-2/4-Z45** converter module is designed to interconnect MASTER devices equipped with RS-232 to RS-485 bus. The module can work either with devices controlling direction of transmission (via RTS line), or devices not controlling the direction (control is then fully automatic). The MASTER functions can be realized by any device, e.g. PC computer with dedicated software. Connection of more than one MASTER device to the RS-485 bus is prohibited.

The **SRS-2/4-Z45** unit guarantees full galvanic isolation between RS-232 and RS-485 circuits. Only one device **SRS-2/4-Z45** type can be connected to RS-485 line.

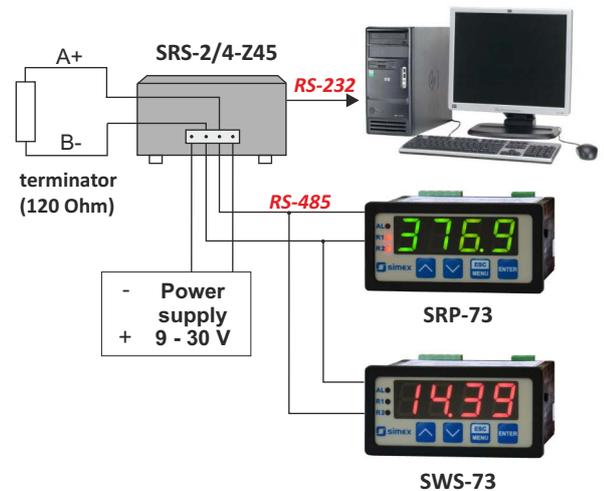
The converter can work with any devices equipped with RS-485 interface, especially made by SIMEX. The main purpose of **SRS-2/4-Z45** converter is connection of PC host computer with industrial data acquisition and visualisation systems based on RS-485 interface.

TECHNICAL DATA

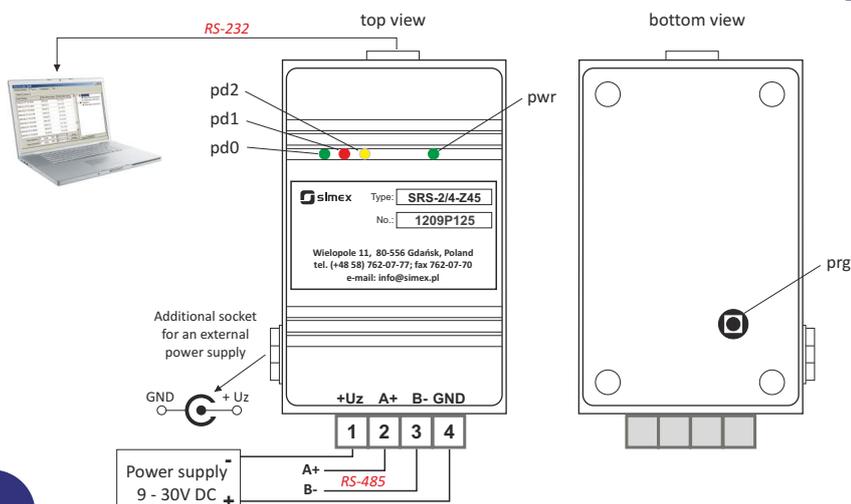
Power supply	9V ÷ 30V DC
Power consumption	1.6 W max.
USB connector	1 x 9 PIN Canon (RS-232)
Cable length	ca. 1.3 m
Baud rate	2400 - 115200 bit/sec., 8N1 (RTS line control disabled) 1200 - 115200 bit/sec., 8N1 (RTS line control enabled)
Transmitter deactivation delay time	typically 1.5 characters (not applicable to RTS line control)
Operating temperature	0°C ÷ +50°C (standard), -20°C ÷ +50°C (option)
Storage temperature	-10°C ÷ +70°C (standard), -20°C ÷ +70°C (depending on option)
Humidity	5% up to 90% no condensation
Galvanic separation	between RS-485 interface and RS-232 signals
Dimensions (WxHxD)	40 x 55 x 100 mm
Weight	170 g

PRZYKŁADOWE APLIKACJE

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



EXAMPLARY PIN ASSIGNMENT



ORDERING

SRS-2/4-Z45-XX1

options:

00 : no options

08 : operating temp. -20°C ÷ +50°C