SRS-U4

- ◻ **USB / RS-485 converter module**
- ◻ **3 signalling LEDs**
- ◻ **galvanic isolation between USB interface and RS-485 lines**
- ◻ **compatible with USB 3.0 standard**
- ◻ **DIN rail mounting adaptor**

The converter **SRS-U4** is designed to connect master device, equipped with built-in USB host controller, to the RS-485 network. Master function can be realized by a PC computer and suitable communication software. This module provides full galvanic isolation (optoisolation) between USB port and RS-485 line. The USB interface converter complies to USB 2.0 standard and is compatible with USB 1.1 and USB 3.0. The **SRS-U4** can cooperate with any device equipped with RS-485 with Modbus RTU protocol. It is mainly recommended to devices made by Simex. The **SRS-U4** can be also manufactured with **DIN rail mounting adaptor**.
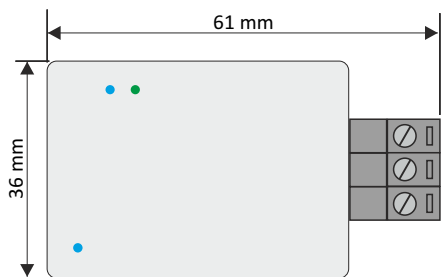
◼ TECHNICAL DATA

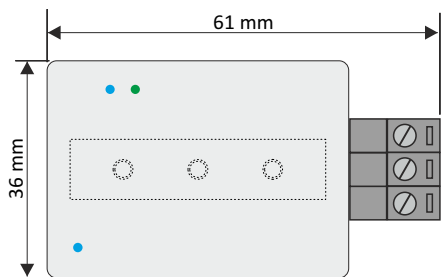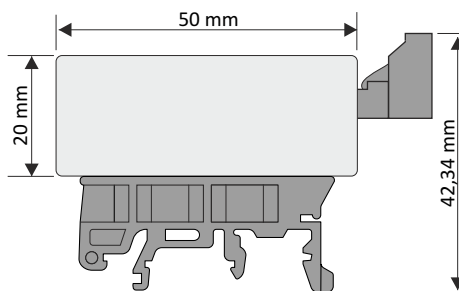|	
Power supply	from USB interface (4,4V ÷ 5,25V DC)
Power consumption	150 mA max.
USB connector	1 x USB B type, complies with USB 2.0 and compatible with USB 1.1 / 3.0 standard
Baud rate	300 bit/s - 115200 bit/s
Cable length	USB type A - mini B cable, ca. 1,5 - 2 m (included)
Operating temperature	0°C ÷ +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 line and USB interface
Dimensions (WxHxD)	50 x 36 x 20 mm 66 x 36 x 20 mm (with protruding socket and plug) 50 x 36 x 39 mm (DIN rail mounting version) 66 x 36 x 39 mm (DIN rail mounting version with protruding socket and plug)
Weight	22,1 g (standard) 26,6 g (DIN rail mounting version)
Supported systems	Windows 98/ ME/ 2000/ XP/ Vista / 7 / 8 Before connecting the converter to the RS-485 bus user has to install the USB drivers downloaded from the manufacturer's website: www.simex.pl

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DIMENSIONS

Standard case

61 mm

36 mm

Case dimensions

50 mm

20 mm

23 mm

Side view

DIN rail mounting version

61 mm

36 mm

Case dimensions

50 mm

20 mm

42,34 mm

Side view

WIRING

RX   TX

mini USB

mini USB

1	A+
2	B-
3	GND

ON
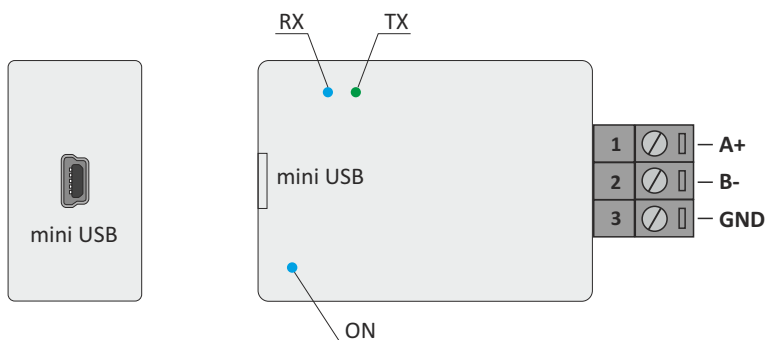
ORDERING

SRS-U4X-XX1

options:
00 : no options
08 : operating temp. -20°C ÷ +50°C

case:
A : standard
B : DIN rail mounting version

ACCESSORIES

UCC-AmB
communication cable USB 2.0
(A male / mini USB B male)

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