

## 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**.

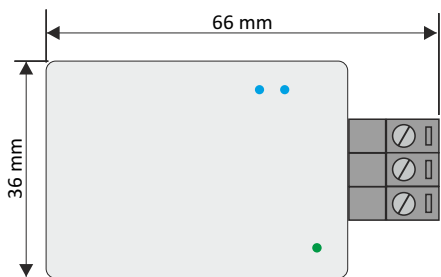
### TECHNICAL DATA

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: <a href="http://www.simex.pl">www.simex.pl</a>



**DIMENSIONS**

**Standard case**

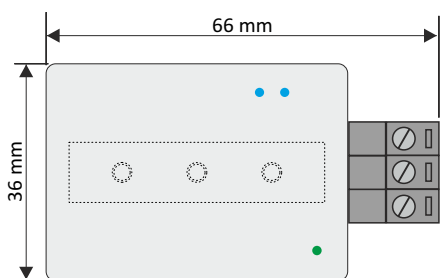


Case dimensions

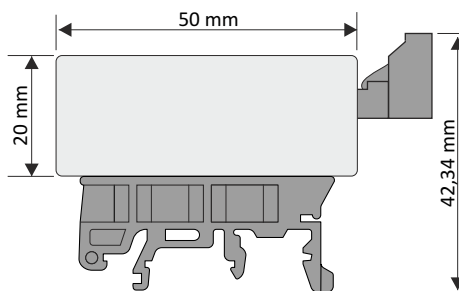


Side view

**DIN rail mounting version**

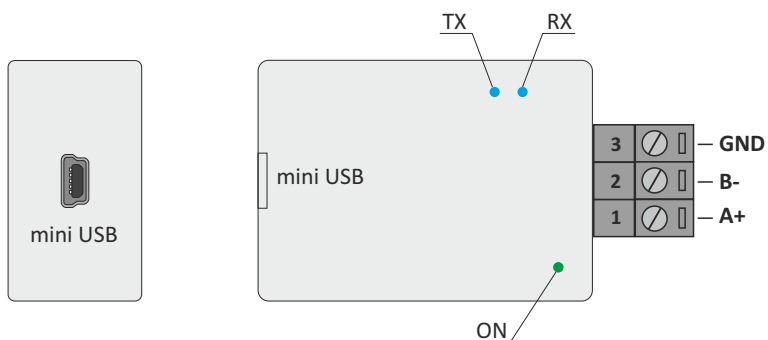


Case dimensions



Side view

**WIRING**



**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)

