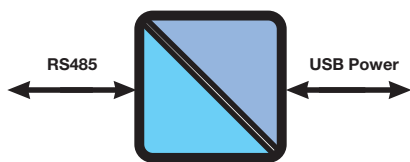


# K107USB

## RS485 ↔ USB SERIAL CONVERTER



K107USB is an interface able to implement a RS485 serial port by using a PC USB port.

The available drivers will recognize the serial interface as a standard serial port; so the use of the product is directly allowed through any software able to communicate with the standard serial ports of the operating system (COM1, COM2, etc). RS485 and USB ports are isolated from each other at 1500 V.

### TECHNICAL SPECIFICATIONS

#### General Data

Power supply	Via USB port
Hot swapping	Yes
Max current consumption	60 mA
Rejection	50 – 60 Hz (configurable)
Settings	DIP switches
Filter	Insertable
Dimensions (w x h x d)	6,2 x 93,1 x 102,5 mm
Isolation	1,5 kVac (USB // RS485)
Isolation technique	Digital (optocoupler)
Data processing	32 bit floating point
Colour	Black
Enclosure	PBT
Weight	45 g
Operating temperature	-20...+65 °C
Connections	Clamp terminals / bus
Protection degree	IP20
Channels	1 input, 1 output
Status indicators	Power ON Data Inverted connection
Embedded functions	Compliance to USB 1.1 and 2.0 Plug&play for WIN 98, 2000 and XP Multiple connection on the same PC
Approvals	CE
Norms	EN 61010-1, EN 60742, EN 61000-2, EN 61000-4

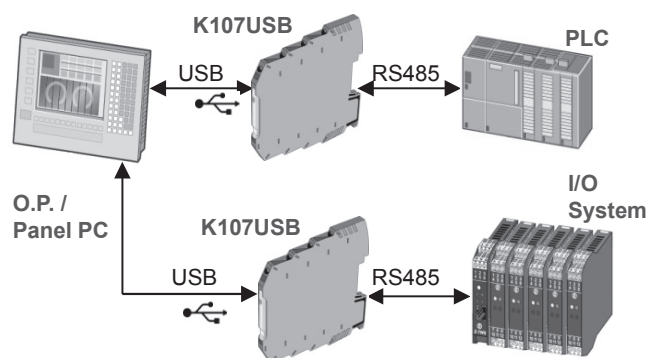
#### DATA X SIDE

Type	SERIAL USB interface, standard USB 1.0/ 2.0 compliance, USB A and MINI USB B connection
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#### DATA Y SIDE

Type	SERIAL RS485, max 31 nodes, spring cage terminal block
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### APPLICATION NOTE



### ORDER CODES

Code	Description
K107USB	RS485 ↔ USB serial converter (din mounting), drivers and cable included

### SIMILAR PRODUCTS

<b>S107USB</b>	<b>S117P1</b>	<b>Z107</b>	<b>S107P</b>
RS485 ↔ USB serial converter (desk)	USB ↔ RS485/RS232/ TTL serial isolator/ converter (desk)	RS232 ↔ RS485/422 serial isolator/ converter	RS232 ↔ RS485/422 serial isolator/ converter (desk)
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