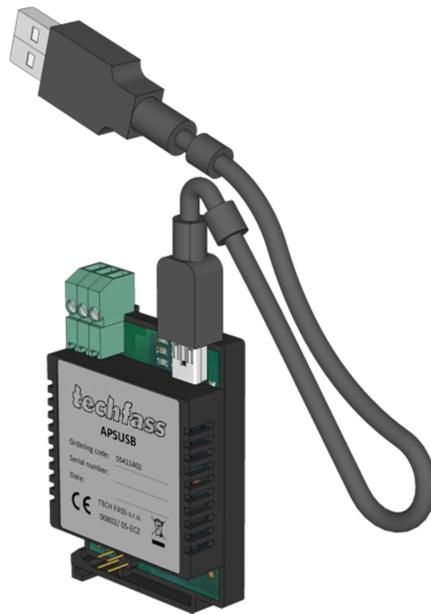


# APSUSB

Communication converter APS mini Plus <-> USB

User's guide



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## 2 Product description

The communication converter **APSUSB** is designed for communication with the **APS mini Plus** system via **USB** interface. The mechanical design is DIN rail mountable.



Pic. 1: APSUSB converter

## 3 Technical parameters

### 3.1 Technical features

Technical features	Supply voltage	From USB port
	Signalization	3x LED
	Communication interface	1x USB 2.0 (USB 1.1 compatible) 1x RS 485 – APS mini Plus BUS
	OS compatibility	<ul style="list-style-type: none"> <li>• Windows 8.1 32,64-bit</li> <li>• Windows 8 32,64-bit</li> <li>• Windows 7 32,64-bit</li> <li>• Windows Vista and Vista 64-bit</li> <li>• Windows XP and XP 64-bit</li> </ul>

Table 1: Technical features

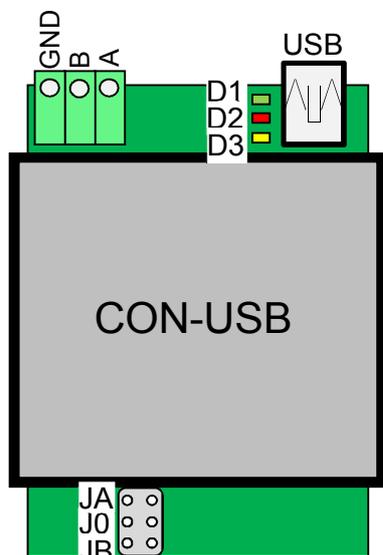
### 3.2 Mechanical design

Design	Weight	0,039 kg
	Operating temperature	-10°C ÷ +40°C
	Humidity	Max. 75%, non-condensing
	Length and type (cable)	0,5 m / USB
	Environment	Indoor
	Dimensions	65 x 48 x 20 mm

Table 2: Mechanical design

## 4 Installation

### 4.1 Terminals and jumpers



Pic. 2: Terminals and jumpers

Terminals and jumpers	D1	Supply LED
	D2	Communication LED – RS 485 data receiving
	D3	Communication LED – RS 485 data sending
	JA	Idle state definition (A)
	J0	Line termination
	JB	Idle state definition (B)
	A	A cable - RS485 line
	B	B cable - RS485 line
	GND	0 V
USB	USB cable connection	

Table 3: Terminals and jumpers

## 5 Usage

### 5.1 Installation

The converter is ready for use by *plugging the cable into the USB port* of a PC and by *installing the appropriate driver*, which is usually installed automatically when the device is detected. If the device is not recognized automatically, it is necessary to download the driver and install it manually. The driver can be downloaded from the [www.techfass.cz](http://www.techfass.cz) website. The converter is supplied with relevant USB cable.