

# USB KeyBox

## USB KeyBox



- USB button box with 2, 3 or 4 illuminated buttons
- Each button has one/two NO contacts
- Each button has a white LED, separately controllable
- 5 Volt supply voltage via USB (500mA)
- USB2, Mini-USB with Buccaneer connection (HID device)
- Addressable

### Overview

The USB KeyBox has been specially developed for use in industrial environments. The power supply and the PC connection are provided via a USB mini plug from Buccaneer (screwable)

### Functional description

An address can be assigned to the KeyBox via the USB connection or it can be addressed via broadcast. The LEDs under the buttons can be controlled individually, so that the status can be displayed to the operator or an input request can be displayed.

The data exchange always consists of 64 bytes (send/receive) and always has the same structure:

Address, command, length and data.

### LED display

#### Operating mode

The status of the LEDs can be transmitted to the KeyBox, also separately for each LED.

The push-button function sends one byte actuated/ not actuated for each button (2 bits for two-way switches if necessary).

#### Further functions

Firmware updates can be installed via USB. Detailed information can be found in the operating instructions

### Technical Data

**Dimensions:** LxWxH 190x52x47 mm<sup>3</sup>  
LxWxH 155x52x47 mm<sup>3</sup>  
LxWxH 110x52x47 mm<sup>3</sup>

**Weight:** approx 0,4 kg

**Operating temperature:** -20 ... +50°C

**Protection class:** IP54

**Power supply:** 5V DC (via USB), < 500mA

**Connections:** 1x USB-Mini (Buccaneer)

**EMC:** EN 61000-6-2 und EN 61000-6-4

### Order information

Order no:	descriptions
<b>24020</b>	USB KeyBox equipped housing 2-fold with 2 illuminated pushbuttons
<b>24030</b>	USB KeyBox equipped housing 3-fold with 3 illuminated pushbuttons
<b>24040</b>	USB KeyBox equipped housing 4-fold with 4 illuminated pushbuttons
<b>24021</b>	USB KeyBox equipped housing 2-fold with 1 LED button and 1 changeover switch
<b>24031</b>	USB KeyBox equipped housing 3-fold with 2 LED button and 1 changeover switch
<b>24041</b>	USB KeyBox equipped housing 4-fold with 3 LED button and 1 changeover switch
<b>Varianten</b>	Further assembly variants on request