

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)
- Adressable

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 mm³
 LxWxH 155x52x47 mm³
 LxWxH 110x52x47 mm³

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
24020	USB KeyBox equipped housing 2-fold with 2 illuminated pushbuttons
24030	USB KeyBox equipped housing 3-fold with 3 illuminated pushbuttons
24040	USB KeyBox equipped housing 4-fold with 4 illuminated pushbuttons
24021	USB KeyBox equipped housing 2-fold with 1 LED button and 1 changeover switch
24031	USB KeyBox equipped housing 3-fold with 2 LED button and 1 changeover switch
24041	USB KeyBox equipped housing 4-fold with 3 LED button and 1 changeover switch
Varianten	Further assembly variants on request