Manuals+ — User Manuals Simplified.

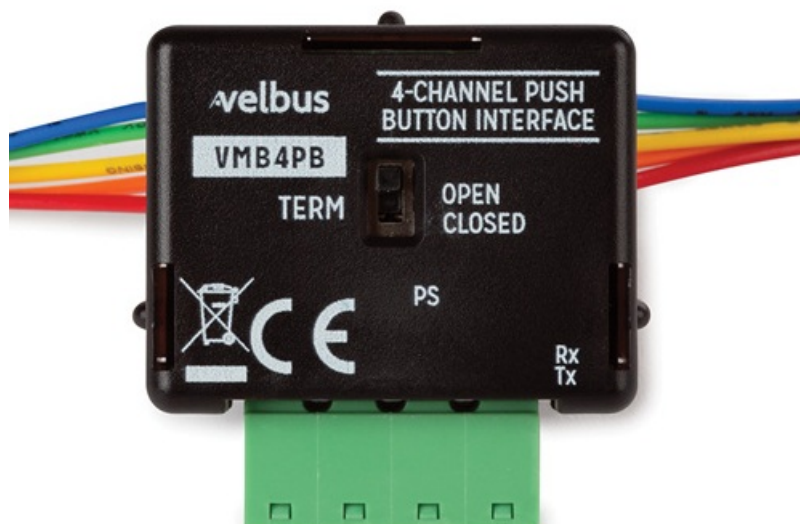# velbus VMB4PB 4-Channel Push Button Interface Instruction Manual

Contents

velbus VMB4PB 4-Channel Push Button Interface

Read and understand this manual and all safety signs before using this appliance. Keep this manual for future reference.

DESCRIPTION

4-channel push button interface

USE AND CONFIGURATION

Push button interface for connecting up to 4 push buttons (with optional feedback LEDs) to the Velbus home automation system. Configure using the Velbus configuration software VelbusLink. (See installation guides on **www.velbus.eu**.)
Both LEDs with common anode and with a common cathode can be connected (configurable in VelbusLink). Connection of LED connectors (optional): see fig. 2.Advanced: the VMB4PB can be used as an I/O module, which LED outputs can be connected to the control outputs of another system (considering the specifications indicated below). To do so, configure the VMB4PB as an I/O module in VelbusLink, and assign actions to the output channels.
STATUS LEDs:

- PS LED: power voltage detected
- Rx LED: CAN bus packet received
- Tx LED: CAN bus packet sent

CONCISE TECHNICAL SPECIFICATIONS

- Power supply: 15 ± 3 VDC
- Max. current consumption 50 mA
- Dimensions: 36 x 38 x 16 mm (L x W x D)
- Protection rating: IP10

LED outputs:

- max. output voltage 15 VDC, suitable for LEDs up to 24V (AC or DC)
- built-in series resistor: 1.5k Ω
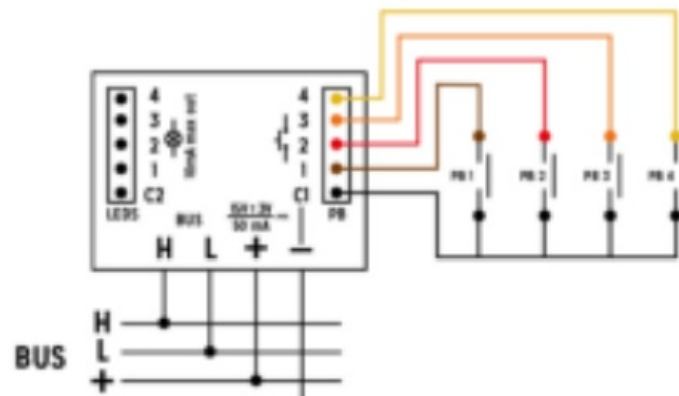- max. output current: 10 mA @ 15 V

For a detailed list with technical specifications, please refer to the product page on www.velbus.eu.
CONNECTION DIAGRAMS

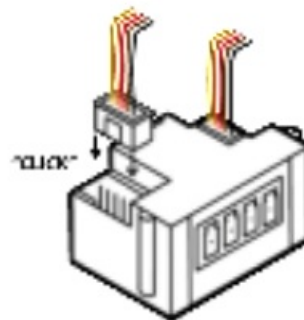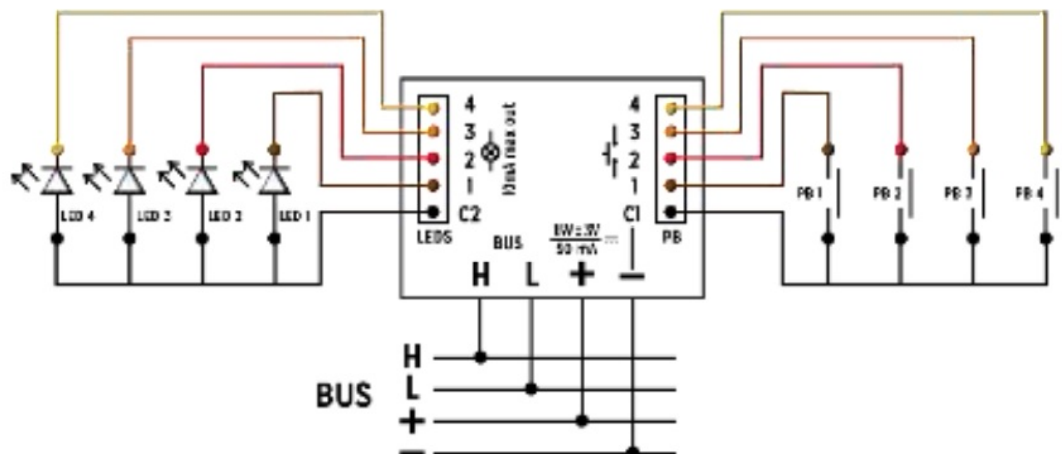- A. Connection of push buttons without LEDs

  See fig. 1

- B. Connection of the LED connectors (necessary only for push buttons with LEDs)
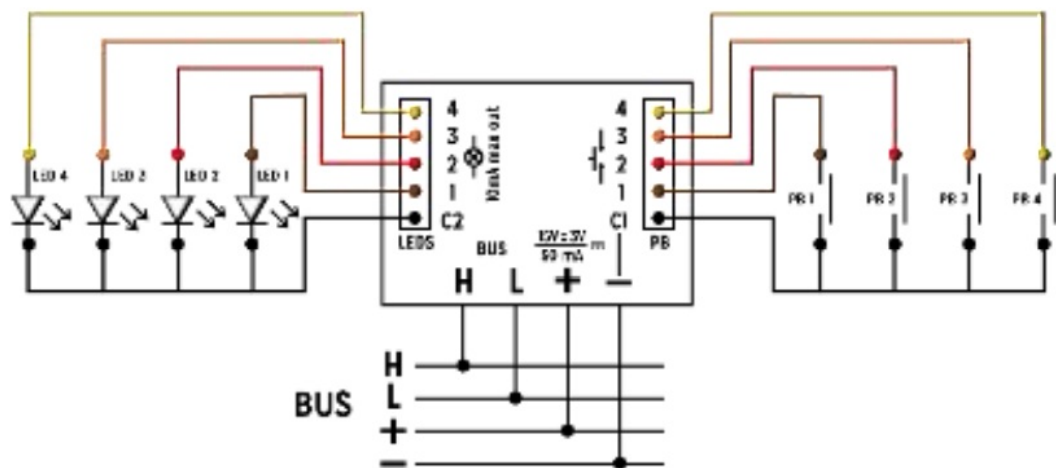
  See fig. 2

Fig. 2:

- C. Connection of the push buttons and LEDs with common anode

  See fig. 3

Fig. 3:

- D. Connection of push buttons and LEDs with common cathode

  See fig. 4

Fig. 4:

This product complies with all of the relevant European guidelines and regulations.

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www.velbus.eu

Documents / Resources

velbus VMB4PB 4-Channel Push Button Interface [pdf] Instruction Manual
VMB4PB, 4-Channel Push Button Interface

References

- **√ Velbus Home automation – Makes life easy**
- **√ Velbus Home Automation - Makes life easy**