

FAQ: SWITCHES INSTEAD OF PUSH BUTTONS

For a general explanation about Velbus, please consult the installation manual at www.velbus.eu.

Always use the latest version of Velbuslink. This can be downloaded for free at www.velbus.eu > Support > Downloads.

1 QUESTION

How can I use switches instead of push buttons?

2 ANSWER

When released, a push button returns immediately to the initial state. A switch remains in the last position.

Although Velbus has been developed to be used with push buttons, switches can be used as well, given some extra programming. There are some restrictions as well. For example, it's not recommended to dim with a switch (except setting to a fixed dim value). So we strongly recommend using push buttons. If it is impossible to use push buttons, you can work as described hereunder.

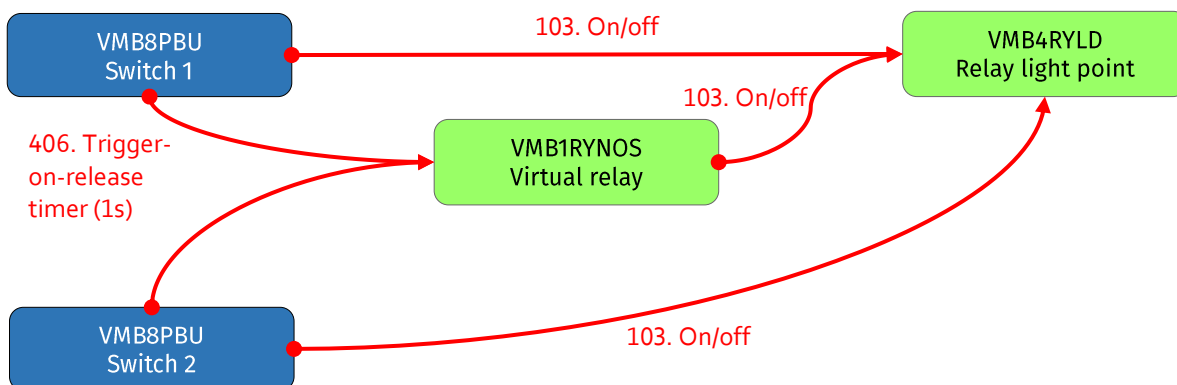
Just like push buttons, switches are connected to a Velbus push button interface or input module (for example the VMB8PBU or the VMB7IN).

Every action that you normally create only once with push buttons, you will have to create twice with switches: the first time when closing the contact, the second time when opening the contact. The action when opening the contact will be executed with a virtual relay as an intermediate step.

This means that for every output that needs to be serviced (for example for every light circuit), you need a virtual relay. When there's a shortage of virtual relays in the installation, a VMB1RYNOS module can be added. That module has one normal and four virtual relay channels.

2.1.1 Example 1: two switches serve one light point

The lamp is connected to a VMB4RYLD relay.



2.1.2 Example 2: timers (staircase time switch)

