

binary inputs - pushbutton interfaces

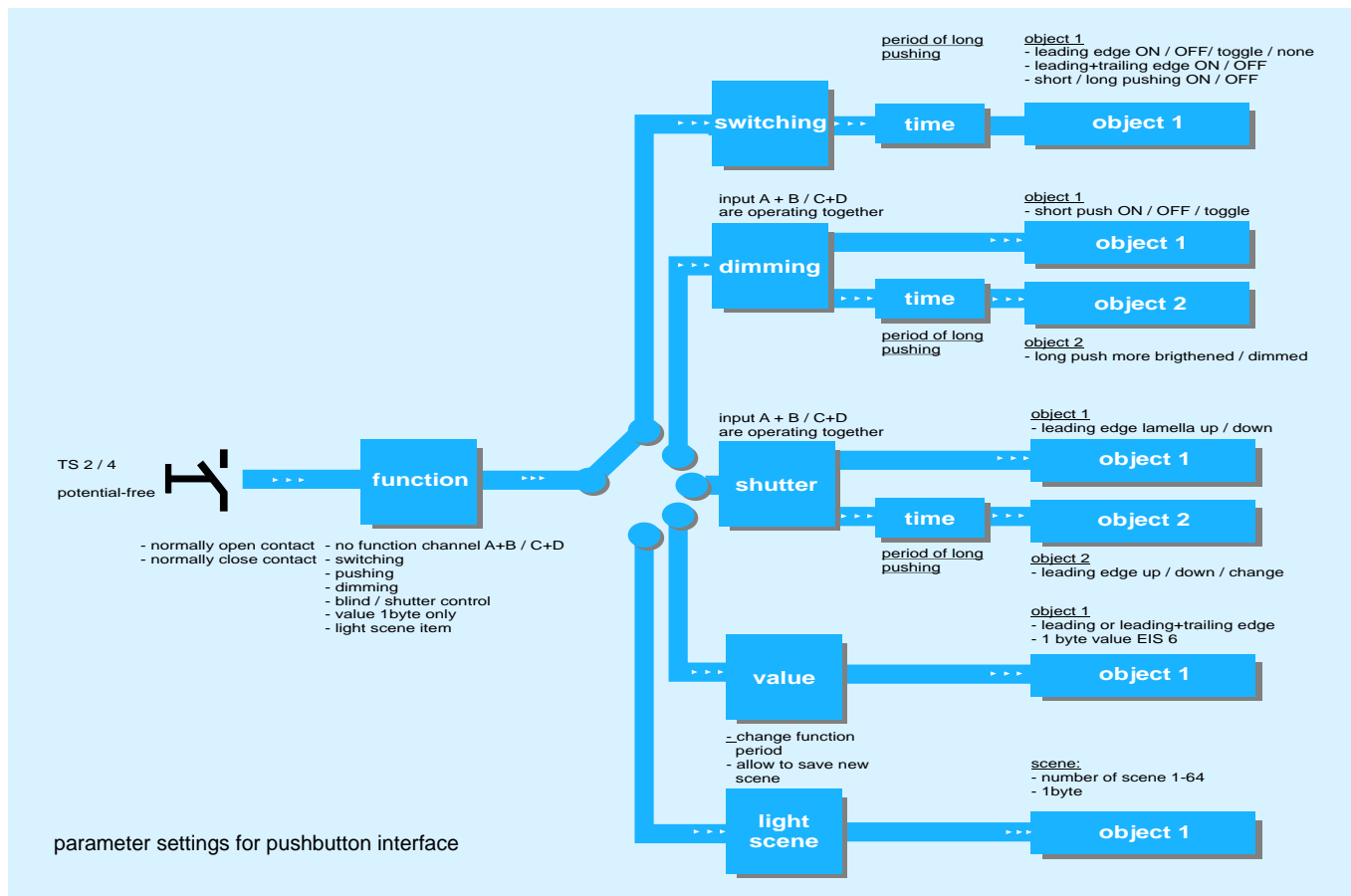


## binary inputs

### pushbutton interface 2-gang / 4-gang

The pushbutton interfaces TS 2 and TS 4 are binary input sensors which will fit into a wall box for flush mounting (Ø 60mm; depth min 40mm). It provides two / four inputs for potential free switch / pushbutton contacts. The required sensing voltage is supplied by the interface itself, without the need for an auxiliary power supply. ■ In this way for instance, up to two switches or pushbuttons with one potential free contact each, or alternatively a 2-gang pushbutton with two potential free contacts, may be connected to one TS-2. Similarly, up to four switches or pushbuttons with one potential free contact each, or alternatively two 2-gang pushbuttons with two potential free

contacts each (or an equivalent combination) may be connected to one TS 4. ■ The device is connected via a set of wires affixed to the pushbutton interface itself. The wires connecting the switch / pushbutton to the interface may be extended for lengths up to a maximum of 10m. It is important that these wire pairs be twisted. ■ For various types of usage, different application programs are available. For example, the switches or pushbuttons connected to the interface may trigger bus commands for switching, dimming or controlling shutters, or for sending some value. It is also possible to detect leading and / or trailing edges and to send telegrams cyclically. ☺



## technical specifications

number of inputs: 2 (TS 2) / 4 (TS 4)

power supply: 29V DC EIB

protection class: IP 20

width x height x depth: 43 x 43 x 9mm

mounting: deep flush mounting  
wall box  
(depth 60mm)

line length: 0,28m  
max. allowed line length: 10 m (with twisted line)

test / certification marks: KNX / EIB  
CE certification

datasheet BIN IN/E/080131

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