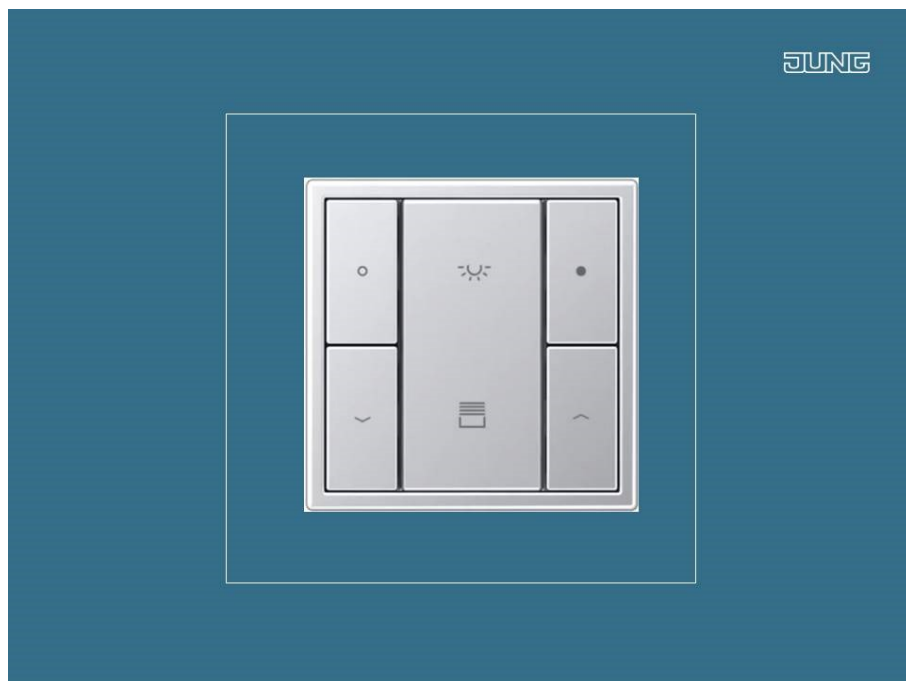


How
to

JUNG



F50 Film

How do I configure the functions shown in the film

Presentation and configuration aid for the JUNG push-button sensor film.
Presentation and aid for the creation of a customer-specific operating concept with the KNX push-button sensors F50 from JUNG. All the operating philosophies shown in the film are explained with the parameters that need to be modified.

[F50 Film on Youtube](#)

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1. KNX push-button sensor F50 from JUNG

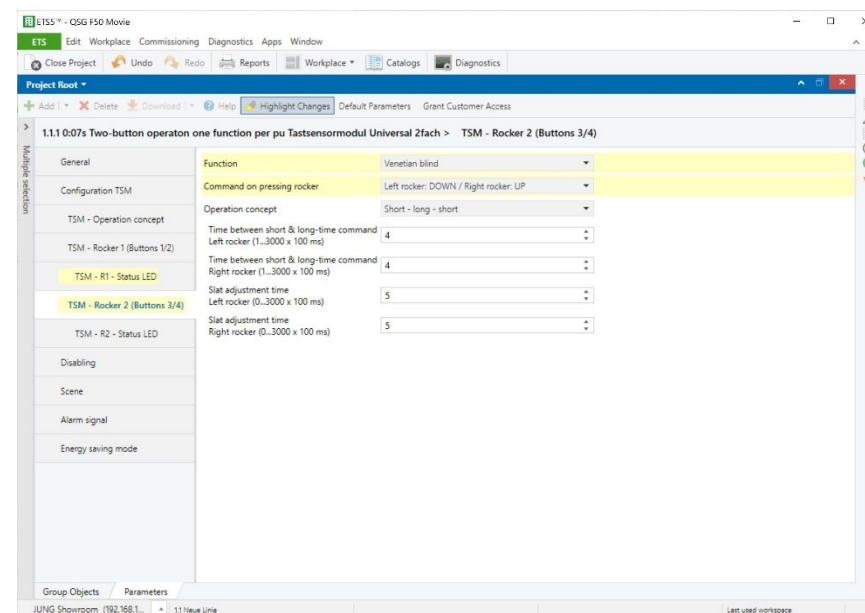
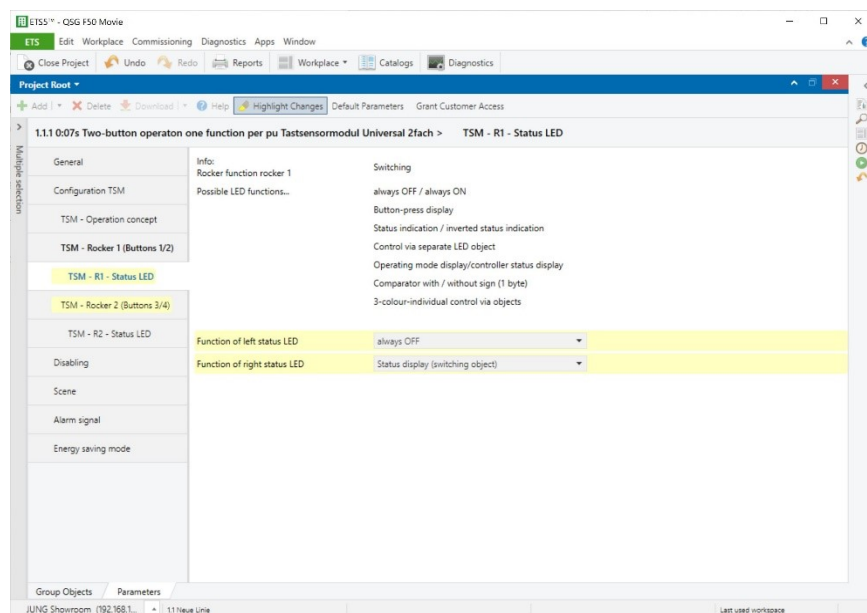
1.1. Two-button operation / one function per push-button

F50 two-button operation / one function per push-button in horizontal alignment movie 0:07 s

TWO BUTTON OPERATION each button with one function horizontal assignment



- Change to the parameter dialog of the KNX push-button sensor
- Open the tab "TSM – Rocker 1 (push-buttons 1/2)"
 - Set the parameter "Command on pressing the left rocker" to "OFF"
 - Set the parameter "Command on pressing the right rocker" to "ON"
- Open the tab "TSM - R1 - Status LED"
 - Set the parameter "Function of left status LED" to "always OFF"
 - Set the parameter "Function of right status LED" to "Status display (switch object)"
- Open the tab "TSM - Rocker 2 (push-buttons 3/4)"
 - Set the "Function" parameter to "Blinds"
 - Set the parameter "Command on pressing the rocker" to "Left rocker/right rocker: UP"



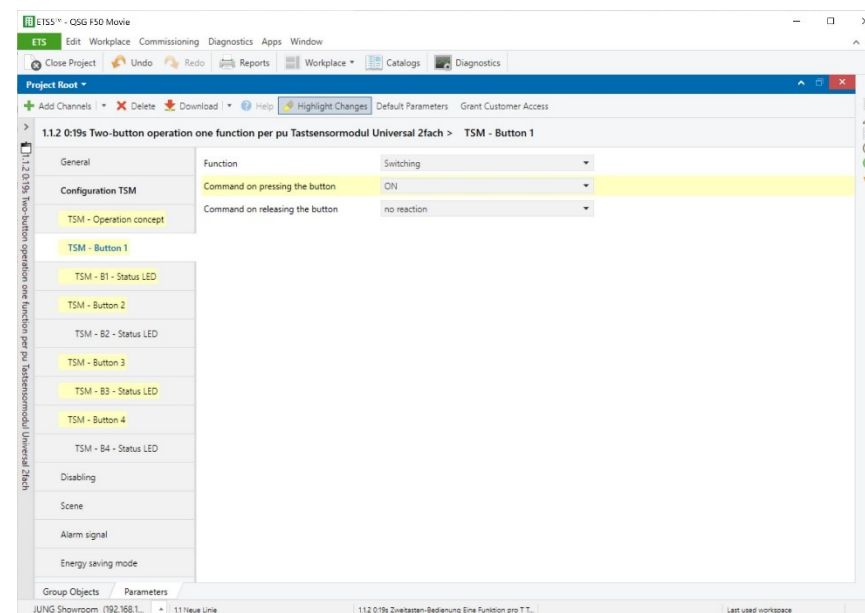
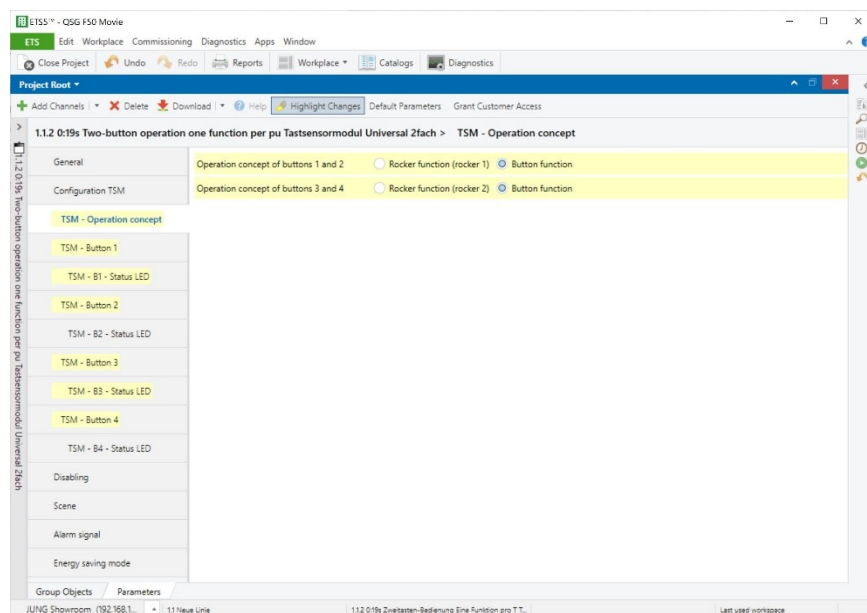
1.2. Two-button operation / one function per push-button

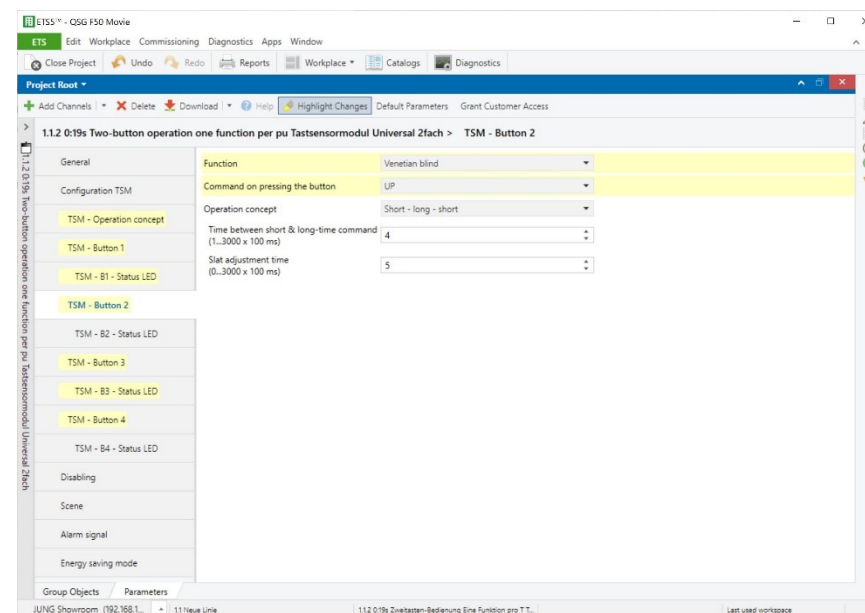
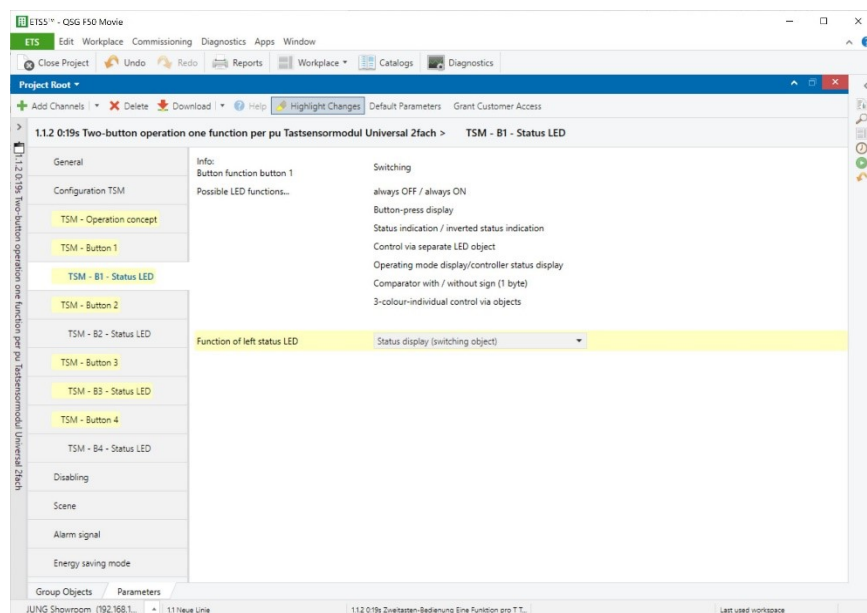
F50 two-button operation / one function per push-button in vertical alignment movie 0:19 s

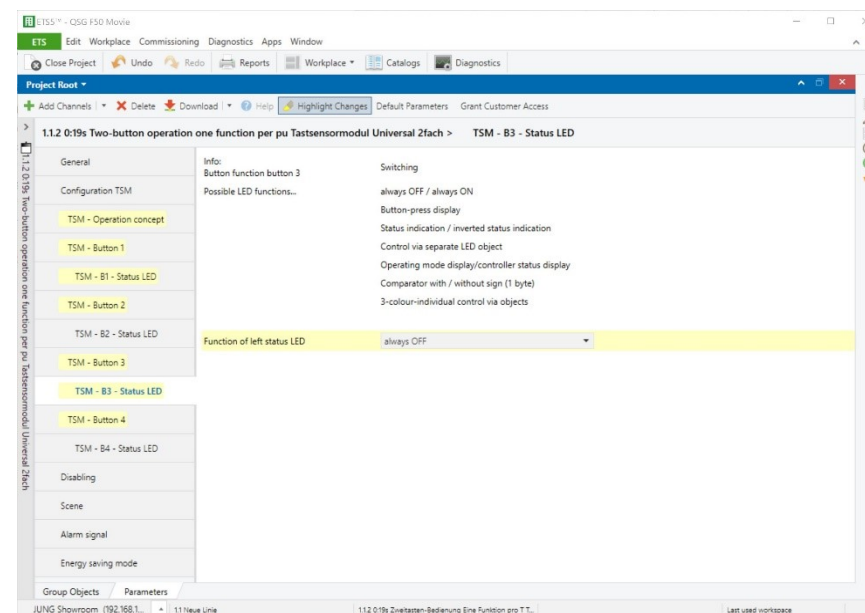
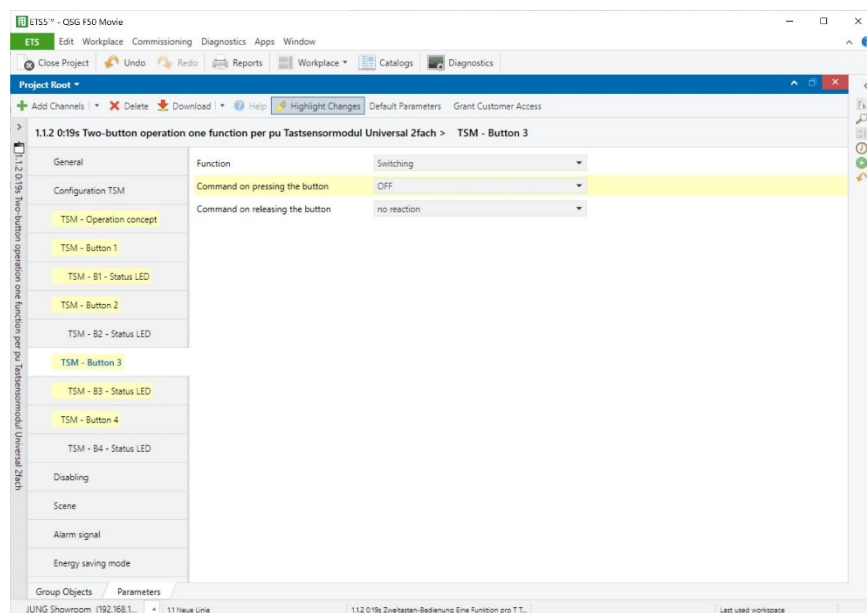
TWO BUTTON OPERATION each button with one function vertical assignment

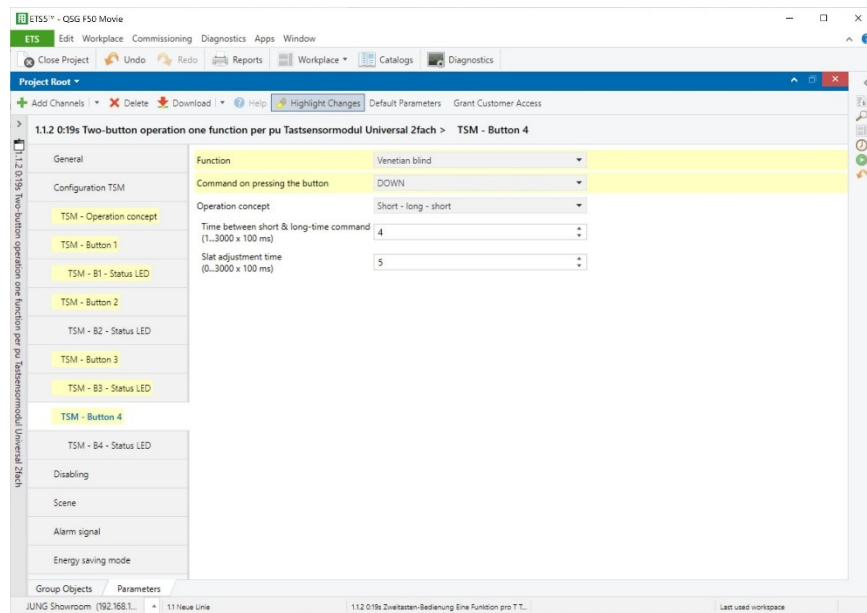


- Change to the parameter dialog of the KNX push-button sensor
- Open the tab "TSM - Operating concept"
 - Set the parameter "Operating concept of push-buttons 1 and 2" to "Push-button function"
 - Follow the same process with push-buttons 3+4
- Open the tab "TSM - Push-button 1"
 - Set the parameter "Command on pressing the push-button" to "ON"
- Open the tab "TSM - PB1 - Status LED"
 - Set the parameter "Function of left status LED" to "Status display (switch object)"
- Open the tab "TSM - Push-button 2"
 - Set the "Function" parameter to "Blinds"
 - Set the parameter "Command on pressing the push-button" to "UP"
- Open the tab "TSM - Push-button 3"
 - Set the parameter "Command on pressing the push-button" to "OFF"
- Open the tab "TSM - PB3 - Status LED"
 - Set the parameter "Function of left status LED" to "always OFF"
- Open the tab "TSM - Push-button 4"
 - Set the "Function" parameter to "Blinds"
 - Set the parameter "Command on pressing the push-button" to "DOWN"









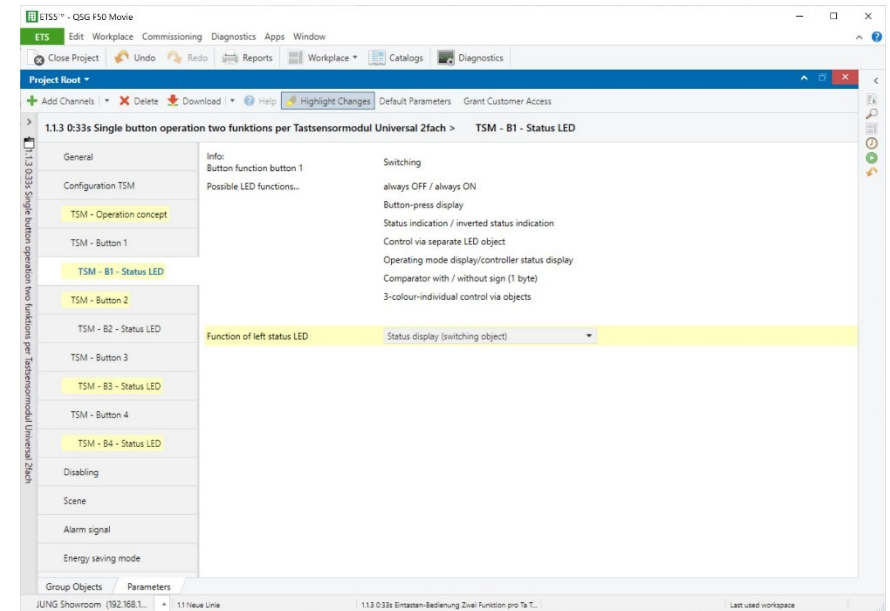
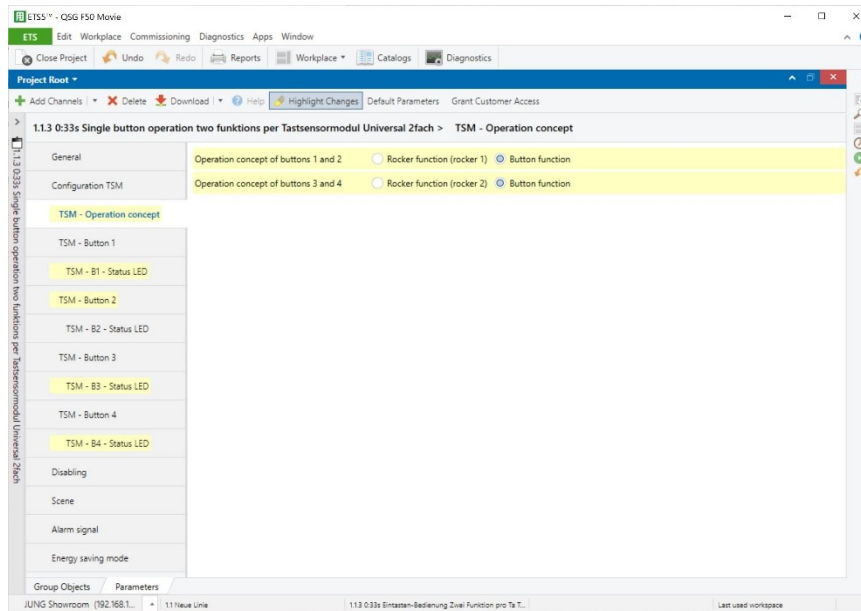
1.3. Single button operation / two functions per push-button

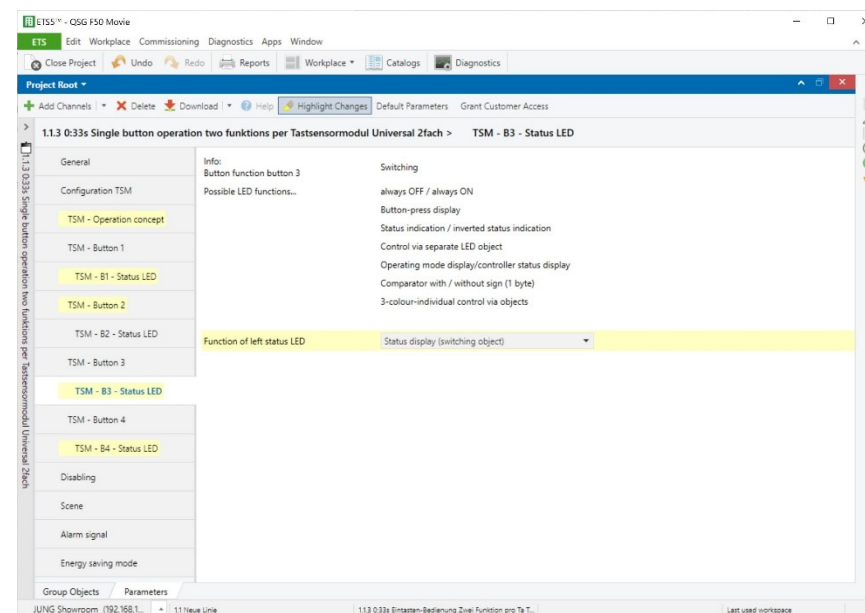
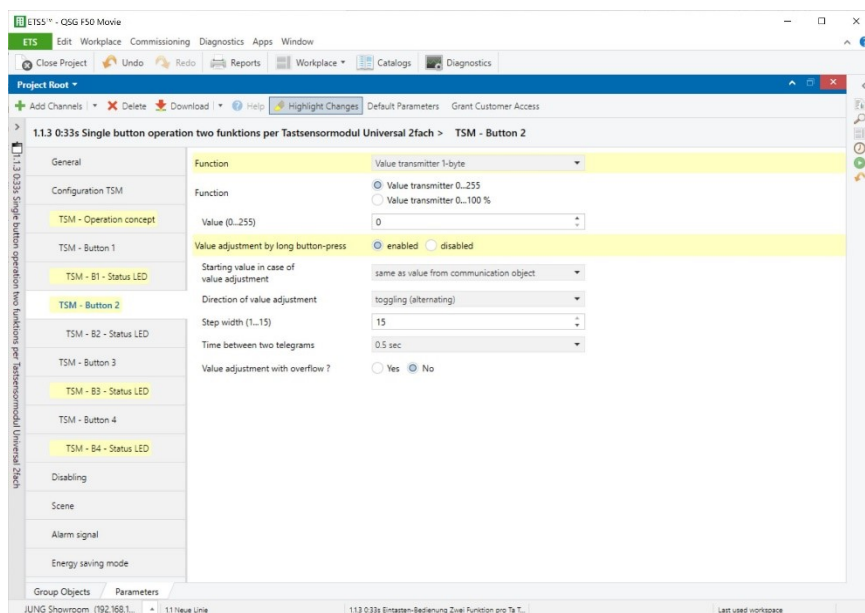
F50 single button operation / two functions per push-button in movie 0:33 s

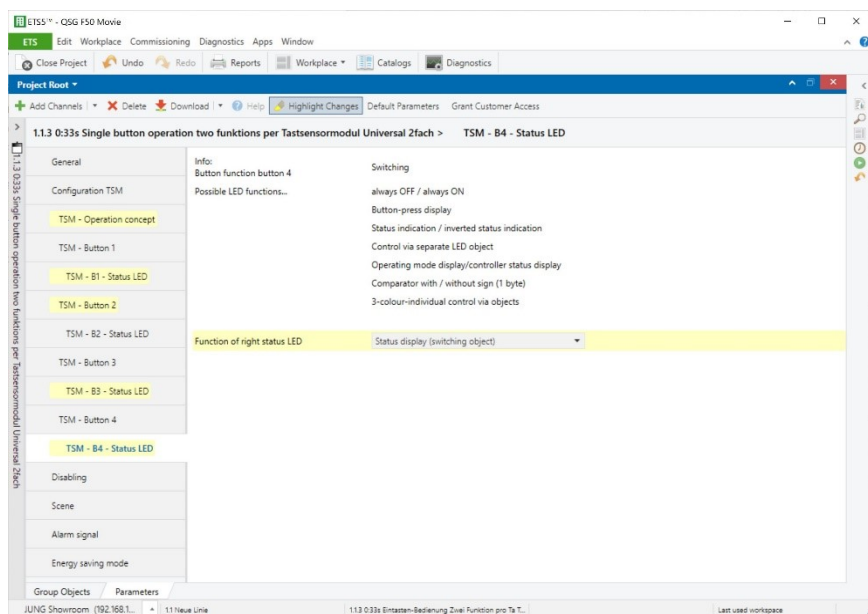
ONE BUTTON OPERATION each button with two functions



- Change to the parameter dialog of the KNX push-button sensor
- Open the tab "TSM - Operating concept"
 - Set the parameter "Operating concept of push-buttons 1 and 2" to "Push-button function"
 - Follow the same process with push-buttons 3+4
- Open the tab "TSM - PB1 - Status LED"
 - Set the parameter "Function of left status LED" to "Status display (switch object)"
- Open the tab "TSM - Push-button 2"
 - Set the "Function" parameter to "Value transmitter 1 byte"
 - Set the parameter "Value adjustment via long button press" to "activated"
- Open the tab "TSM - PB3 - Status LED"
 - Set the parameter "Function of left status LED" to "Status display (switch object)"
- Open the tab "TSM - PB4 - Status LED"
 - Set the parameter "Function of right status LED" to "Status display (switch object)"







1.4. Single button operation / two functions per push-button

F50 single button operation / horizontal installation possible
movie 0:47 s

ONE BUTTON OPERATION

also suitable for
horizontal mounting



- Change to the parameter dialog of the KNX push-button sensor
- Open the tab "TSM - Operating concept"
 - Set the parameter "Operating concept of push-buttons 1 and 2" to "Push-button function"
 - Follow the same process with push-buttons 3+4
- Open the tab "TSM - PB1 - Status LED"
 - Set the parameter "Function of left status LED" to "Status display (switch object)"
- Open the tab "TSM - Push-button 2"
 - Set the "Function" parameter to "Value transmitter 1 byte"
 - Set the parameter "Value adjustment via long button press" to "activated"
- Open the tab "TSM - PB3 - Status LED"
 - Set the parameter "Function of left status LED" to "Status display (switch object)"
- Open the tab "TSM - PB4 - Status LED"
 - Set the parameter "Function of right status LED" to "Status display (switch object)"

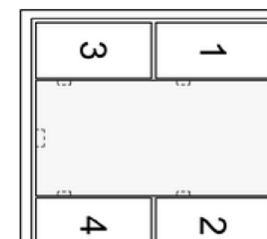
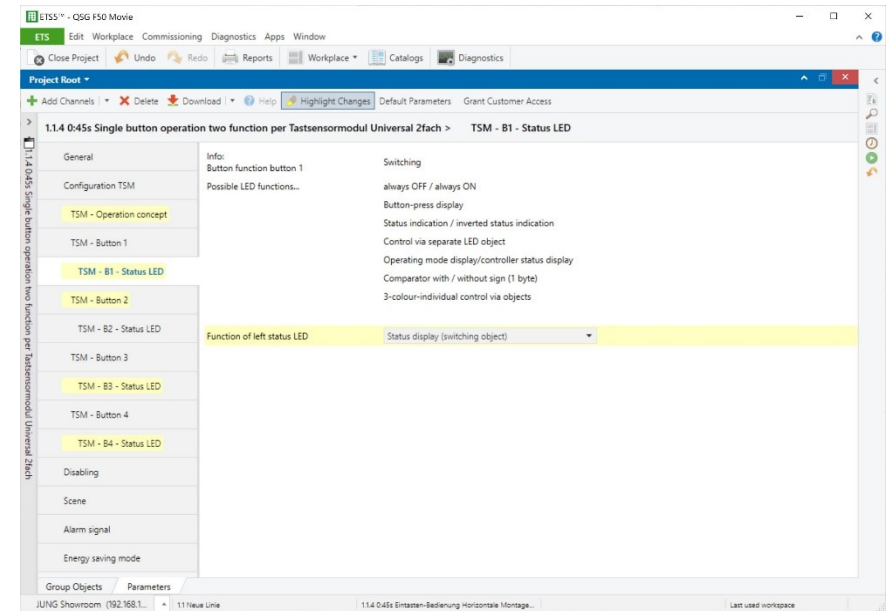
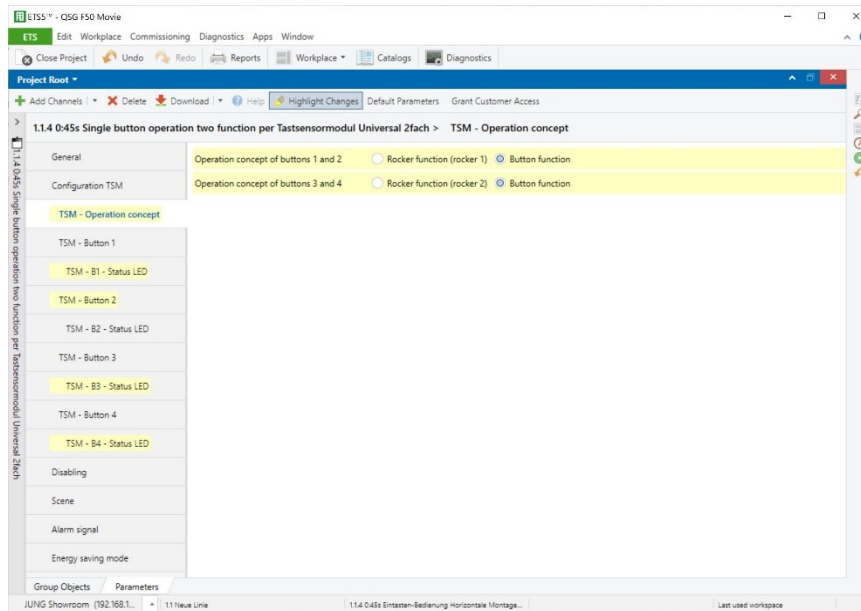
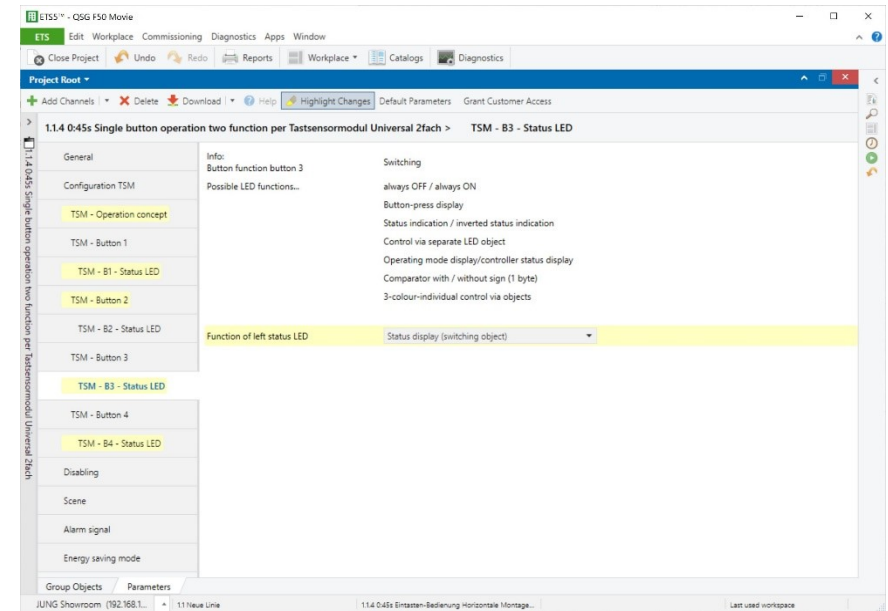
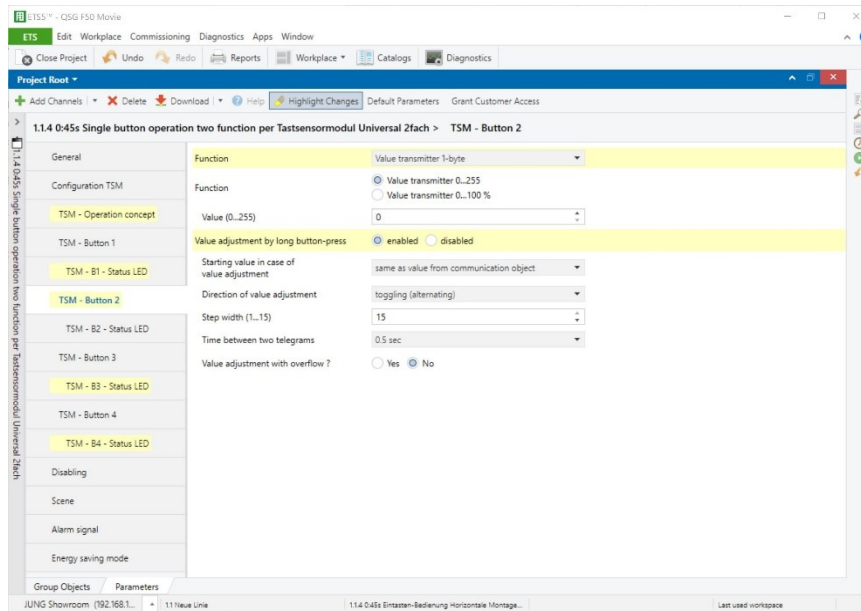
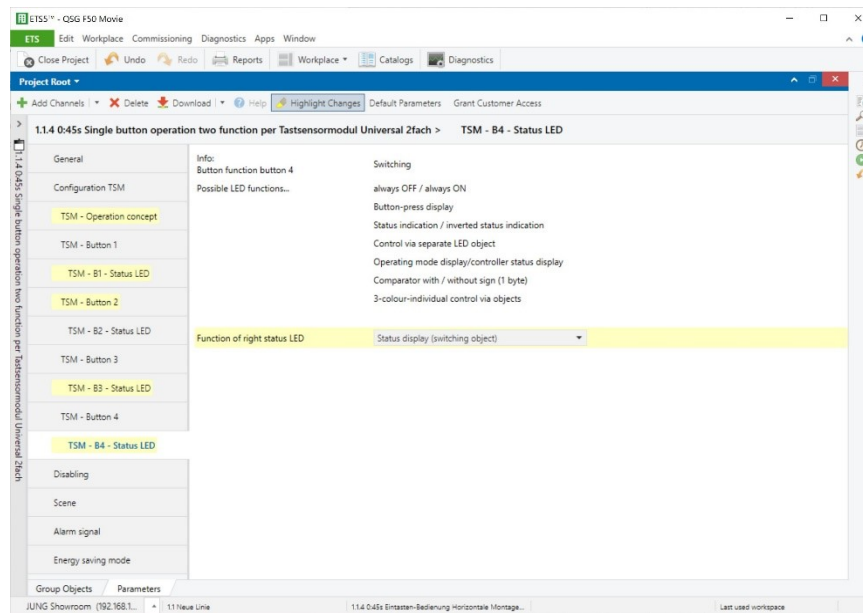


Figure 1 Mounting orientation







1.5. Single button operation / colour control and configurable status LEDs

F50 single button operation / colour control and configurable status LEDs
movie 0:50 s

COLOUR CONTROL parameterizable status LEDs



- Change to the parameter dialog of the KNX push-button sensor
- Open the tab "TSM Configuration"
 - Set the parameter "Colour of all status LEDs" to "Colour selection per status LED"
- Open the tab "TSM - Rocker 1 (push-buttons 1/2)"
 - Set the "Function" parameter to "Dimming"
 - Set the parameter "Command on pressing the left rocker" to "darker (OFF)"
 - Set the parameter "Command on pressing the right rocker" to "brighter (ON)"
- Open the tab "TSM - R1 - Status LED"
 - Set the parameter "Function of right status LED" to "Status display (switch object)"
- Open the tab "TSM - Rocker 2 (push-buttons 3/4)"
 - Set the "Function" parameter to "Dimming"
 - Set the parameter "Command on pressing the left rocker" to "darker (OFF)"
 - Set the parameter "Command on pressing the right rocker" to "brighter (ON)"

F50 single button operation / colour control and configurable status LEDs
Film 0:50 s

COLOUR CONTROL parameterizable status LEDs



- Open the tab "TSM - Rocker 3 (push-buttons 5/6)"
 - Set the "Function" parameter to "Dimming"
 - Set the parameter "Command on pressing the left rocker" to "darker (OFF)"
 - Set the parameter "Command on pressing the right rocker" to "brighter (ON)"
- Open the tab "TSM - R3 - Status LED"
 - Set the parameter "Colour of status LED" to "green"
 - Set the parameter "Colour of status LED" to "green"
- Open the tab "TSM - Rocker 4 (push-buttons 7/8)"
 - Set the "Function" parameter to "Dimming"
 - Set the parameter "Command on pressing the left rocker" to "darker (OFF)"
 - Set the parameter "Command on pressing the right rocker" to "brighter (ON)"
- Open the tab "TSM - R4 - Status LED"
 - Set the parameter "Colour of status LED" to "blue"
 - Set the parameter "Colour of status LED" to "blue"

