TRE301

IP55 quicklink tebis

**RF external single push button wall mounted**

**Technical properties**

### Architecture

| | |
|---|---|
| Number of keys | 1 |

### Functions

| | |
|---|---|
| ETS additional functions | ETS additional functions: +6 scenes, operating mode on/off, 1 up/down button control, push-button, 2 x alarm, status display |
| Function | easy additional functions: +6 scenes, on/off operating mode, 1 up/down button control ; configuration can simply be transferred from a master device ; reset function (to factory setting) |
| Quicklink functions | quicklink functions: switching, dimming, blind, 2 scenes, switching time, push-button, NO contact |

### Controls and indicators

| | |
|---|---|
| Operation | operating areas configurable as one or two-area operation |
| Button / push-button | with configuration button |

### Connectivity

| | |
|---|---|
| Radio protocol | KNX Radio |
| Receiver category | 2 |
| Binary inputs | with 1 binary input for potential-free contacts |

### Electric current

| | |
|---|---|
| Number of entry circuits | 1 |

### Dimensions

| | |
|---|---|
| Height of installed product | 76 mm |
| Width of installed product | 49 mm |

### Frequency

| | |
|---|---|
| Transmission frequency | 868 MHz |
| Radio transmission frequency | 868.3 MHz |

### Length

| | |
|---|---|
| Max distance to switches | 3 mm |

### Reach distance

| | |
|---|---|
| Max. transmission range | 30m in house / 100m free field |

### Battery

| | |
|---|---|
| Battery / storage battery | with 2 x lithium coin cell battery 3 V type: CR 2430 |

### Materials

Subject to technical modifications

| | |
|---|---|
| RAL colour | RAL 9010 - Pure white |

**LED control**

| | |
|---|---|
| LED | with configuration LED ; with transmission status and battery status LED, red/green/orange |

**Installation, mounting**

| | |
|---|---|
| Mounting type | surface-mounted |
| Installation mode | for vertical and horizontal mounting ; for screw fastening or for mounting with adhesive mounting |

**Connection**

| | |
|---|---|
| Bus connection | integration in the KNX radio/TP gateway, surface-mounted, into the KNX TP system |

**Settings**

| | |
|---|---|
| Programming | toolless quicklink configuration using buttons and LED display |

**Equipment**

| | |
|---|---|
| Number of radio channels | 2 |
| Number of quicklink links | max. 20 transmitter/receiver |

**Safety**

| | |
|---|---|
| REACH conform | No |
| Halogen free | No |

**Use conditions**

| | |
|---|---|
| Operating temperature | -10...55 °C |
| Storage/transport temperature | -20...70 °C |
| Energy-saving | low intrinsic energy requirement |