

Product data sheet

KNX RF push-button 1-gang



Reference number

AL 1091 1ST RF

KNX RF push-button 1-gang

for inserts "blinds" ref.-no.: 1730 JE and 1731 JE

for inserts "light" ref.-no.: 1701 SE, 1701 PSE, 1704 ESE, 1702 SE, 1710 DE, 1711 DE, 1712 DE, 1713 DSTE, 1723 NE

for room thermostat insert ref.-no.: 1790 RTR

Intended use

- Operation of loads, e.g. light on/off, dimming of brightness and colour temperature, Venetian blinds up/down, value transmitter 1 byte, 2 bytes, 3 bytes and 6 bytes, brightness values, temperatures, calling up and saving of light scenes
- Room temperature control
- Operation in cabled KNX systems via radio converter (ref.-no.: MK 100 RF)
- Operation with system insert for switching, dimming, blinds, DALI, room temperature control or with satellite insert 3-wire

Product characteristics

- Activation of Venetian blinds, shutters, awnings, with blinds insert
- Switching and dimming of lighting, with switch or dimmer insert
- Colour temperature control of lighting, with DALI push-button controller TW
- Room temperature control, with room thermostat insert
- Operation with 2-wire or 3-wire satellite insert, rotary satellite insert or push-button
- Push-button functions adjustable: switching, dimming, blinds, value transmitter, scene extension, 2-channel operation and controller extension
- Operating concept (rocker or button) adjustable for each operating area
- Button evaluation (single-area operation or dual-area operation) adjustable
- One or two functions per operating area
- Controller extension with adjustable operating mode selection, forced operating mode switch over, presence function and setpoint adjustment
- Status LED – red, green or blue – adjustable per rocker
- LED functions orientation light and night reduction can be set separately
- Brightness of LED adjustable and switchable while in operation
- Disabling function: Disabling or change function mode of single or all button functions
- Internal sensor for temperature measurement, can only be used with the following inserts: ref.-no. 1701 SE, 1701 PSE, 1704 ESE, 1713 DSTE, 1731 JE, 1730 JE, 1790 RTR, 1723 NE
- Improved temperature measurement by including external temperature values via communication object
- Commissioning with ETS version 5.7.5 or higher
- KNX Data Secure compatible with ETS 5.7.5 or higher
- Can be updated with the ETS Service App

A labelling request in the GRAPHIC TOOL must be submitted together with the order: jung.group@gt

Subsequent labelling of the buttons is not possible.

Technical data

KNX

KNX medium:

RF1.R

Security:	X-mode
Commissioning mode:	S-mode
Radio frequency:	868.0 ... 868.6 MHz
Transmitting power:	max. 20 mW
Transmission range in free field:	typical 100 m
Receiver category:	2
Ambient conditions	
Ambient temperature:	-5 ... +45 °C
Storage/transport temperature:	-25 ... +70 °C
Relative humidity:	max. 93 % (no condensation)



Metal versions

Colour:
aluminium

Material:
aluminium AlMg1

- P** Individual colour printing possible
- L** Individual laser engraving possible