KNX Push Button(2-Fold,4-Fold, 6-Fold, 8-Fold)
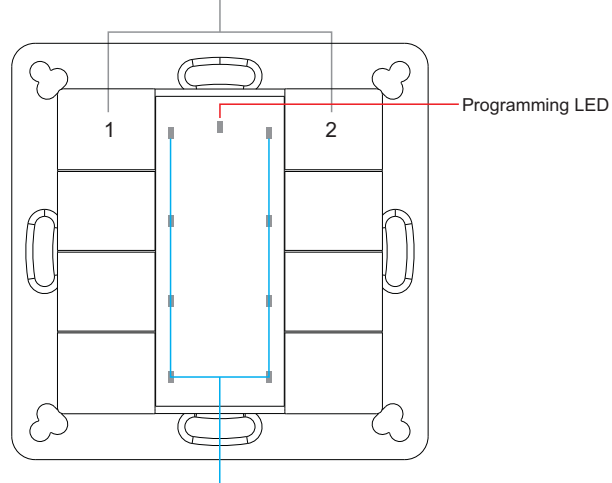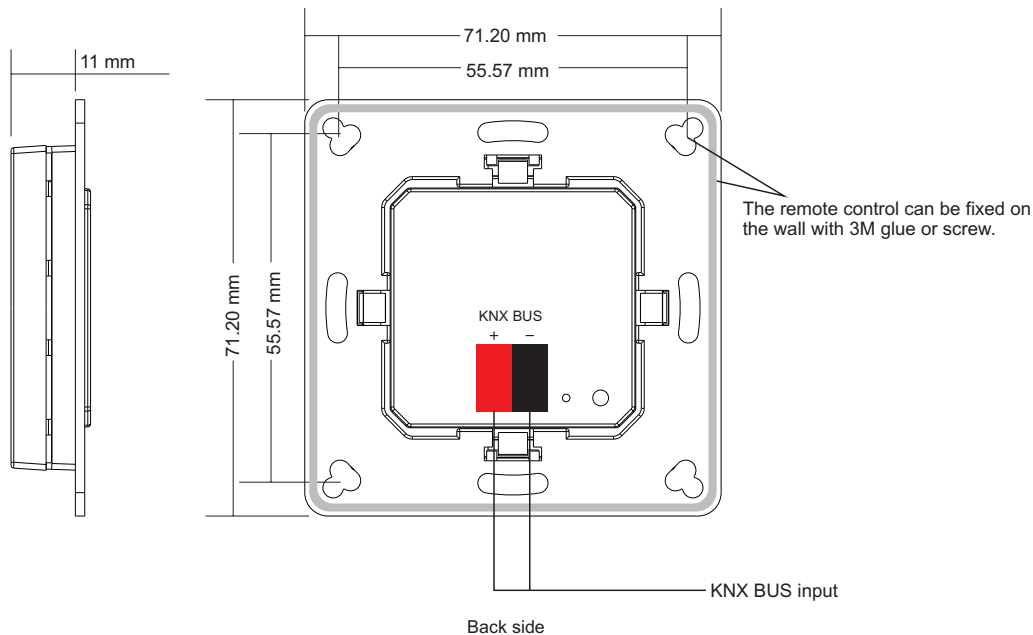
Important: Read All Instructions Prior to Installation

Function introduction

A button pair, can work under linked mode or independent mode, function freely configurable with ETS4

Front side

Product Data

	2-Fold	4-Fold	6-Fold	8-Fold
Number of Rockers	2	4	6	8
Number of bicolored LED	2	4	6	8
Orientation LED	1	1	1	1
KNX busconnection terminal	0.8mmΦ,single core	0.8mmΦ,single core	0.8mmΦ,single core	0.8mmΦ,single core
Power Supply	KNX Bus	KNX Bus	KNX Bus	KNX Bus
Power Consumtion KNX bus typ.	<0.3W	<0.3W	<0.3W	<0.3W
Operation temperature range	0 bis + 45℃	0 bis + 45℃	0 bis + 45℃	0 bis + 45℃
Waterproof Grade	IP 20	IP 20	IP 20	IP 20
Dimensions(W x H x D)	55.6 x 55.6 x 12.3 mm	55.6 x 55.6 x 12.3 mm	55.6 x 55.6 x 12.3 mm	55.6 x 55.6 x 12.3 mm

• Extensive Operating Functions
• Configurable Bicolored LED Indicator for Each Button
• Commission and Project Design with ETS4
• Switching and Dimming Function
• Scene Recall and Storage Function
• Roller Blinds and Shutter Function
• Push Buttons can be adjusted for 1 or 2 button operation
• Powered by KNX Bus Power Supply, No Extra Power Supply Required

Safety & Warnings

• DO NOT installed with power applied to device.
• DO NOT expose the device to moisture.

Operation

The KNX Push Button releases KNX telegrams after pushing the buttons, 1 or 2 Button(the top two buttons) operation can be parameterized. The device provides extensive functions that are freely configurable with ETS4 software to any push buttons. The push button contains 8 buttons, which can be parameterized individually. The bus can be connected at the back of the push buttons. Linked working mode (2 button operation, left and right) or independent working mode (1 button operation, left or right) can be set for the buttons.

Commissioning KNX Push Button
• Assign the physical address and set parameters with the ETS.
• Upload the physical address and parameters into the KNX Push Button. After request press programming key.
• After successful programming the red programming LED turns off.

The functions configurable under linked working mode (2 button operation, left and right) are as follows:
• Switching of lighting (switch on or off with 2 buttons, you can define which button to switch on and which off)
• Dimming of lighting (dim up or down and switch on or off with 2 buttons, you can define which button to dim up and which down, which button to switch on and which off, and you can specify whether a short or long operation will execute switching or dimming)
• Shutter and Roller Blind (blind movement for roller blind and slats adjustment for shutter with 2 buttons, you can define which button for blind moving up and which down, which button for slats up and which down, and blind movements are executed by a short operation of buttons and slats adjustments by a long operation)

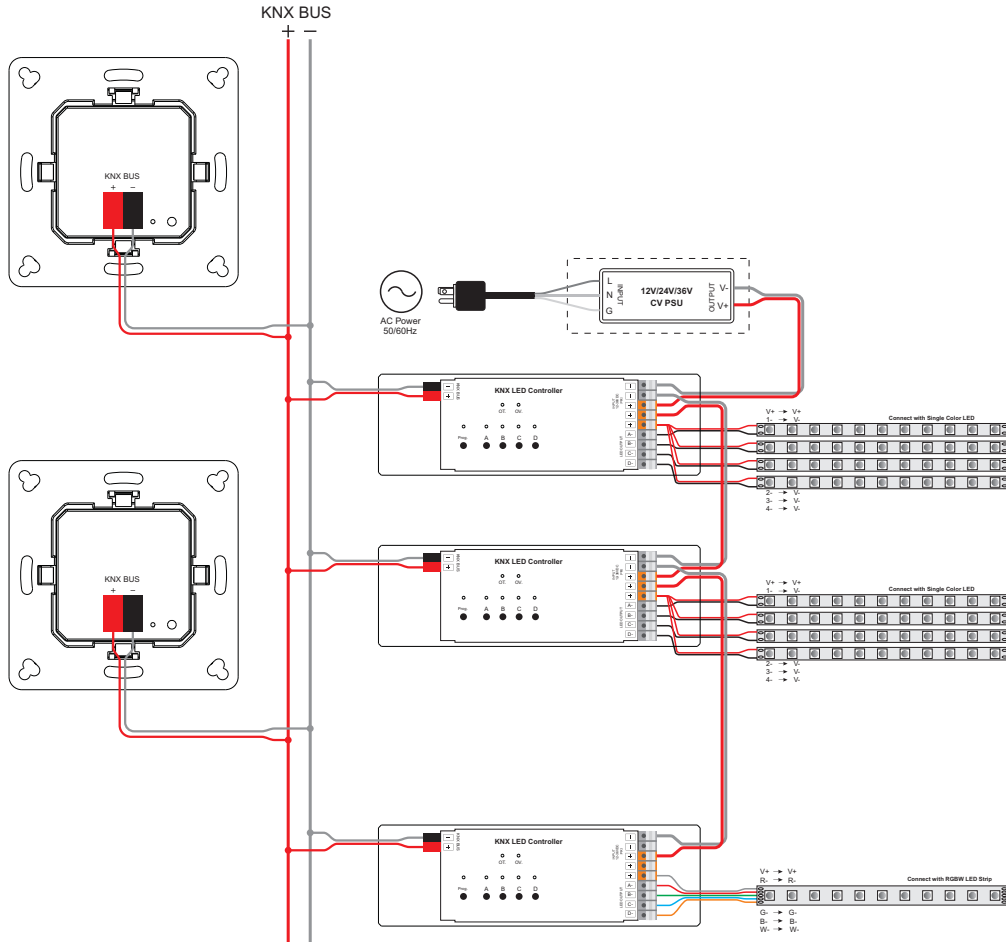**The functions configurable under independent working mode** (1 button operation, left or right) are as follows:
• Switching of lighting (switch on/off with 1 button, one operation to switch on and another to off or vice versa depending on the last state)
• Dimming of lighting (dim up/down with 1 button by a long operation and switch between dimming up and dimming darker for every long operation depending on the last state; switch on/off with 1 button by a short operation, switch between switching on and switching off for every short operation depending on the last state)
• Shutter and Roller Blind (blind movement for roller blind and slats adjustment for shutter with 1 button, short operation to move up or down the blind, long operation to adjust the slats up or down, the direction of movement and adjustment depends on the last direction of movement and adjustment)

Programming LED

Bicolored LED indicator (green/red) for each channel

11 mm

71.20 mm
55.57 mm

71.20 mm
55.57 mm

The remote control can be fixed on the wall with 3M glue or screw.

KNX BUS
+ −

KNX BUS input

Back side

• Scene (recall scene and store scene with 1 button by a short operation and long operation, short operation to recall, long operation to store)
• RTC Operation Mode (an operation mode switchover for connected room thermostats can be carried out by 1 button operation)

The KNX Push Button has an additional orientation LED and a bicolored (red/green) LED indicator for each rocker. These LED can be set from internal or external objects. The LED can visualize the all operations. The LED can also flash for alarm display. You can also parameterize when the LED should light green, when red and when should flash.

Note: Please refer to the detailed instruction file for full function configuration operations with ETS4. Commissioning of the device shall only be carried out by authorized electricians.
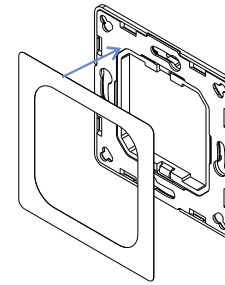
Wiring diagram

Installation

Method 1: Stick 3M glue on the back of the bracket and then stick the bracket to the wall

Method 2: Screw the bracket to the wall

After the bracket is fixed,clip the frame and control part to the bracket in sequence
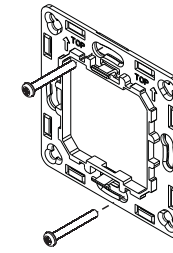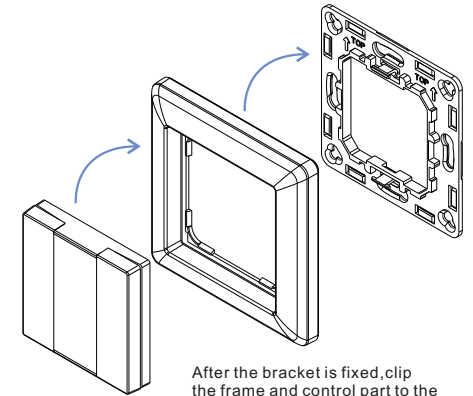
The key part of this controller is a universal, extremely rotary standard switch element that can be integrated in numerous frames by different manufactures as below list:

BEKER	S1, B1, B3, B7 glass
GIRA	Standard55, E2, Event, Esprit
JUNG	A500, Aplus
MERTEN	M-smart, M-Arc, M-Plan