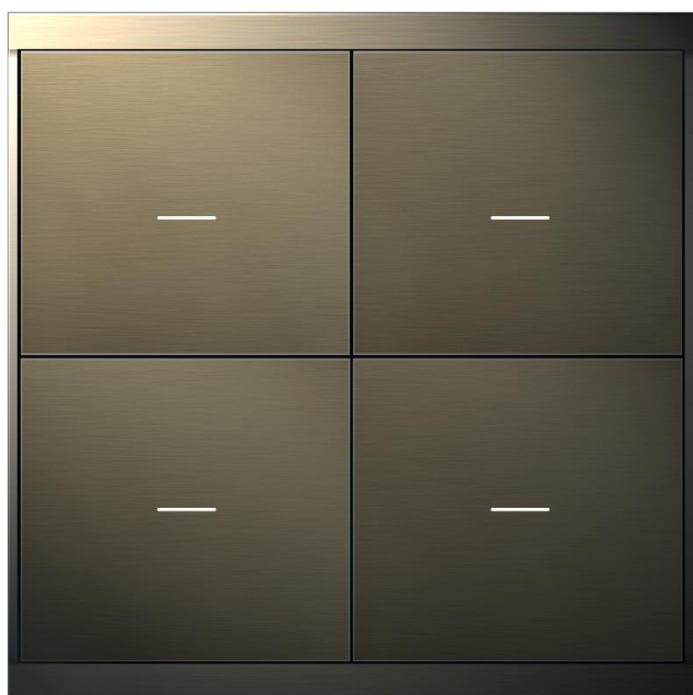




2016

KNX Push Button Manual



Zhuhai Sation Technology Co.,Ltd.

2016-1-1

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Notice

1. Please carefully read this manual before using the product.
2. installation and commissioning of the product must have the relevant qualifications and experience of staff to complete.
3. This product is only suitable for the environment of indoor. Please install this product in a dry and ventilated place.
4. Before power on, please confirm the input voltage according to the manual.
5. Only can use it in EIB/KNX system bus.
6. Others:

The below sign indicates this product can't be dealt as ordinary family rubbish,in order to avoid the possible environment and human health harm caused by the electrical waste, this product must follow recovery processing. Please contact the local recycling department after this product is scrapped, to make sure it can go as the right waste processing procedure.



1 Overview device

SATION-PM130X series products is research and developing by SATION. It is meets KNX standard. Mainly used for home and building automation.Each key point control the function of correspond node.Each channel with status indication function.This product uses the KNX bus terminal connected to the network system, you do not need additional power supply to control KNX actuator device.

According to the position of the light , SATION push button have two types can be choose, side LED and middle LED. According to the installation methods, there are two ways can be choose, 80 box and 86 box.

1.1 Naming rules

SATION-P M13	AA	.	BB	C	D
SATION push button	Number of keys	.	86: with border 80: without border	1: vertical 2: horizontal 3: mix (vertical and horizontal)	1 middle LEDs 2 side LEDs

The manual refers to the following devices (Order code respectively printed in bold type):

86 Push Button Panel

SATION- PM1304.8611 (Vertical push button 4-fold, middle LEDs, see combination A)

SATION- PM1308.8611 (Vertical push button 8-fold, middle LEDs, see combination B)

SATION- PM1304.8612 (Vertical push button 4-fold, Side LEDs, see combination C)

SATION- PM1308.8612 (Vertical push button 8-fold, Side LEDs, see combination D)

SATION- PM1308.8622 (Horizontal push button 8-fold, Side LEDs, see combination E)

SATION- PM1308.8632 (Mix push button 8-fold, Side LEDs, see combination FGH)

80 Push Button Panel

SATION- PM1304.8011 (Vertical push button 4-fold, middle LEDs, see combination A)

SATION- PM1308.8011 (Vertical push button 8-fold, middle LEDs, see combination B)

SATION- PM1304.8012 (Vertical push button 4-fold, Side LEDs, see combination C)

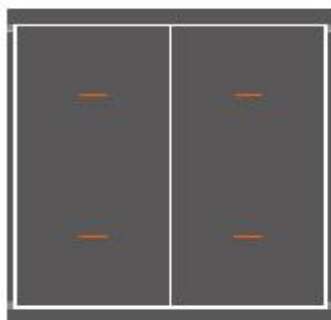
SATION- PM1308.8012 (Vertical push button 8-fold, Side LEDs, see combination D)

SATION- PM1308.8022 (Horizontal push button 8-fold, Side LEDs, see combination E)

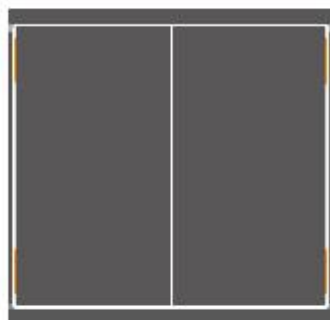
SATION- PM1308.8032 (Mix push button 8-fold, Side LEDs, see combination FGH)

1.2 Combination Scheme

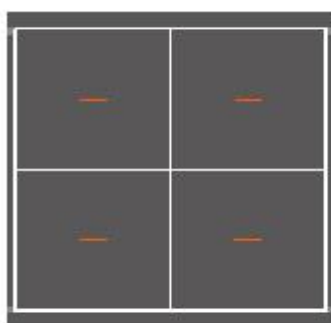
86 Combination with frame are following.



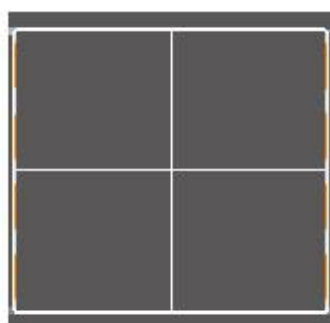
SATION-PM1304.8011 (A)



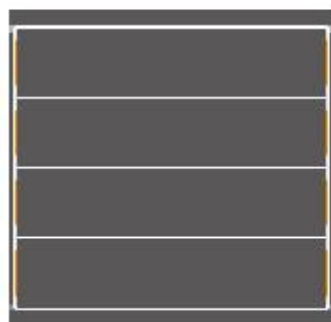
SATION-PM1304.8012 (C)



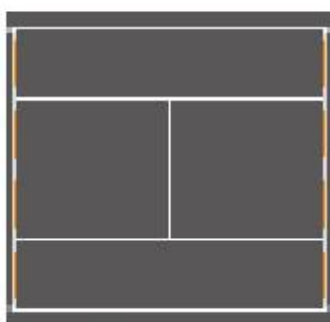
SATION-PM1308.8011 (B)



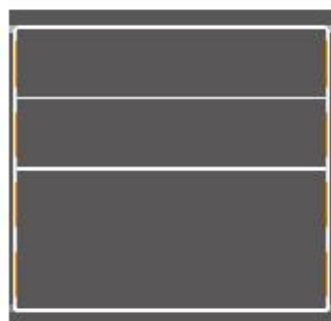
SATION-PM1308.8012 (D)



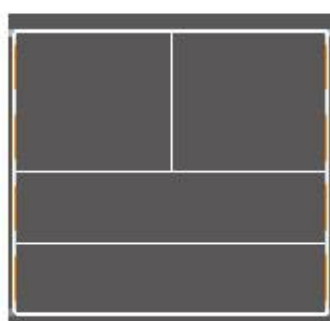
SATION-PM1308.8022 (E)



SATION-PM1308.8032 (G)



SATION-PM1308.8032 (F)



SATION-PM1308.8032 (H)

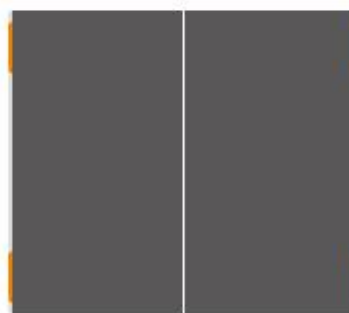
橙色表示指示灯位置

Orange shows LED lights location

80 Combination without frame are following.



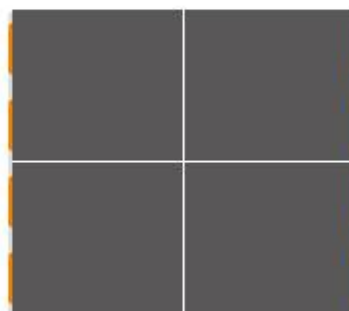
SATION-PM1304.8011 (A)



SATION-PM1304.8012 (C)



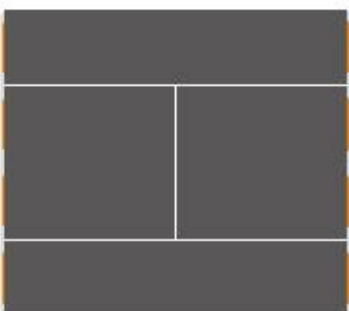
SATION-PM1308.8011 (B)



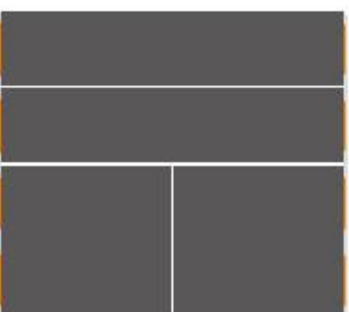
SATION-PM1308.8012 (D)



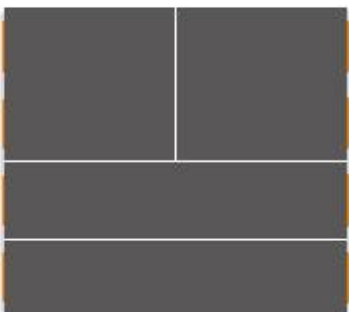
SATION-PM1308.8022 (E)



SATION-PM1308.8032 (G)



SATION-PM1308.8032 (F)



SATION-PM1308.8032 (H)

橙色表示指示灯位置

Orange shows LED lights location

2 Overview Functions

This product can be used to control various kinds KNX actuators.

eg.

- 1) Switch Actuator
- 2) Dimming Actuator
- 3) Temperature Controller
- 4) All need human-computer interface of device

Push Button can work as below modes.

Channels grouped function

- Dimming : The short keystroke performs the switching object “Dimming on/off”, The long keystroke performs the dimming object “Dimming” . Switches on/off at a falling/rising edge.
- Shutters: The short keystroke (Stop/Blinds Adjustment), The long keystroke (Shutter Down/up)
- Switch : edge control

Channel unique function

- Switch: edge control, short/long keystroke control, edge reversal
- Scene: Saving function, select different scene
- One Button Dimming: The long keystroke addresses the communication object “Dimming on/off”.
- One Button Shutter: The long keystroke performs up- and down- movement of the shutter. The short keystroke performs adjust the blinds and stops a running movement of the shutter.

The upper two models are support blocking object, object and/or logical operation ,as well as behavior of power up/ behavior of power down on the device.

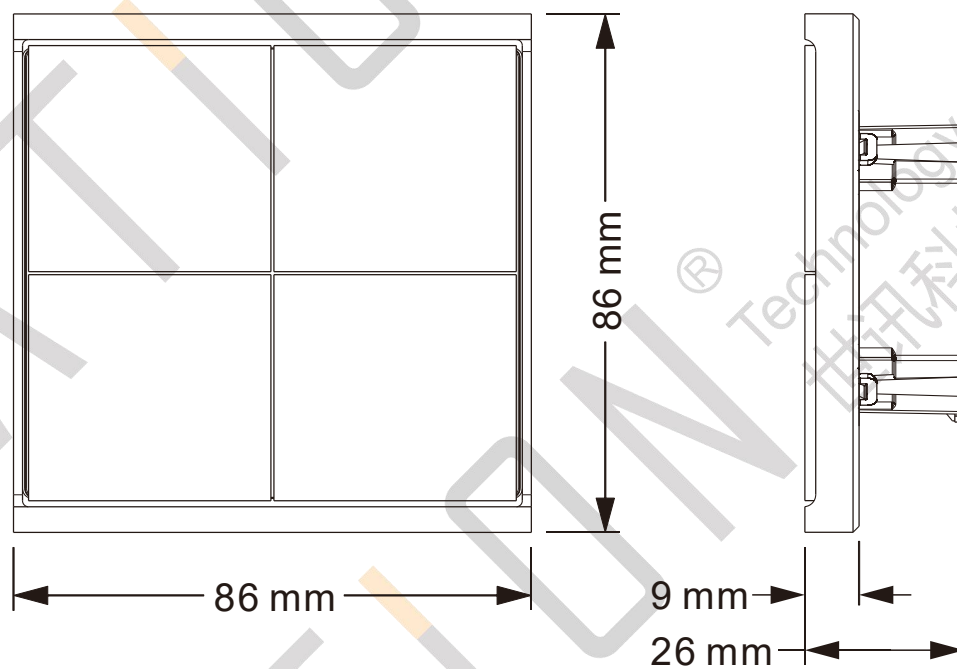
LED Function

Each button corresponding to two kinds of color (orange and white) LED lights. LED lights can be freely defined as external parameter direction, interior parameter direction and keystroke status direction

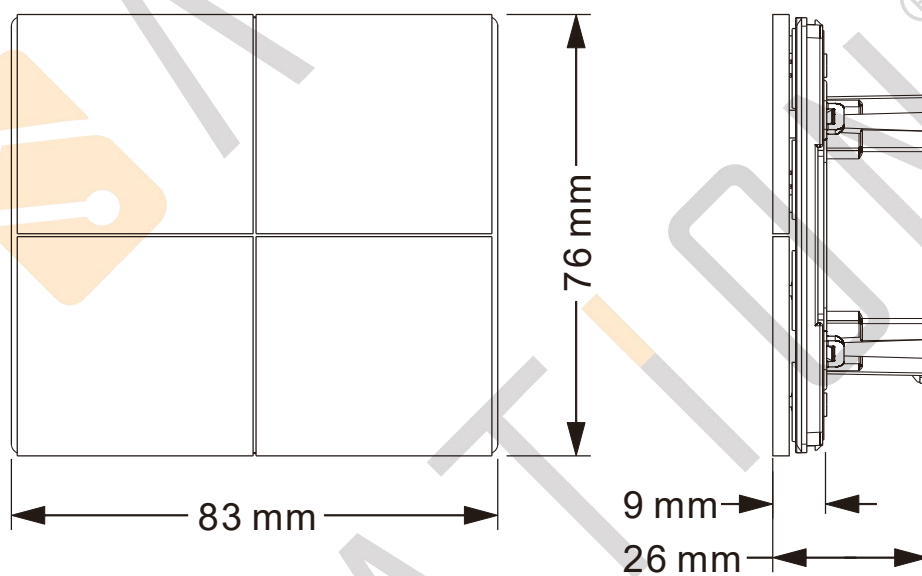
Please use ETS software debugging.

3 Installation

3.1 Panel Dimension

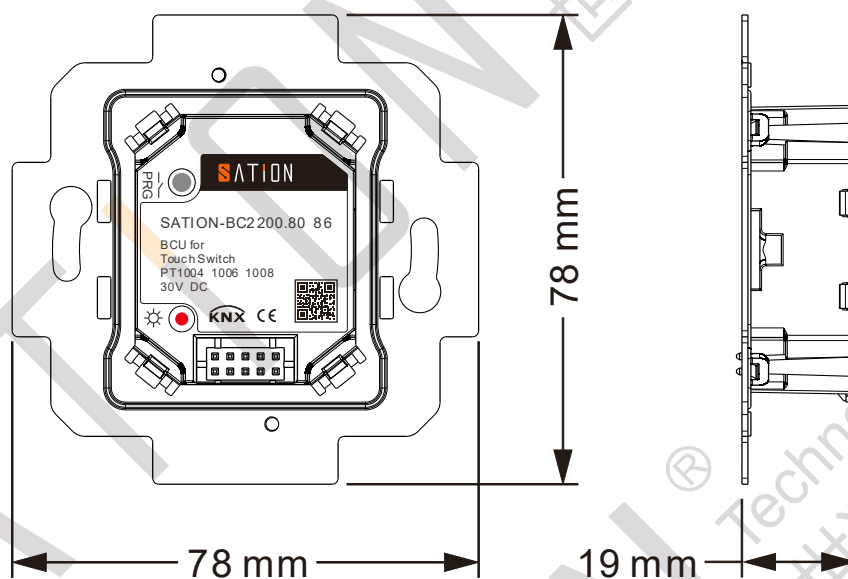


86按键面板
86 Push Button Panel

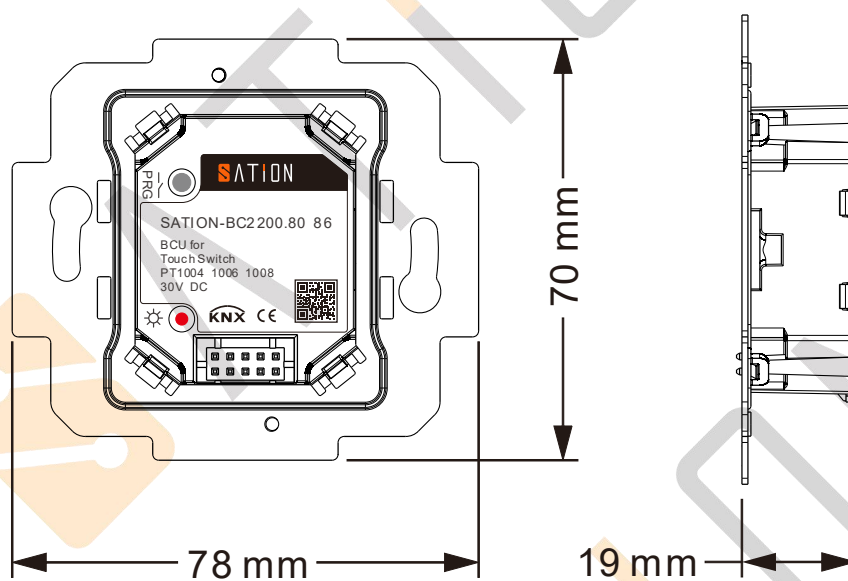


80按键面板
80 Push Button Panel

3.2 BCU Dimension

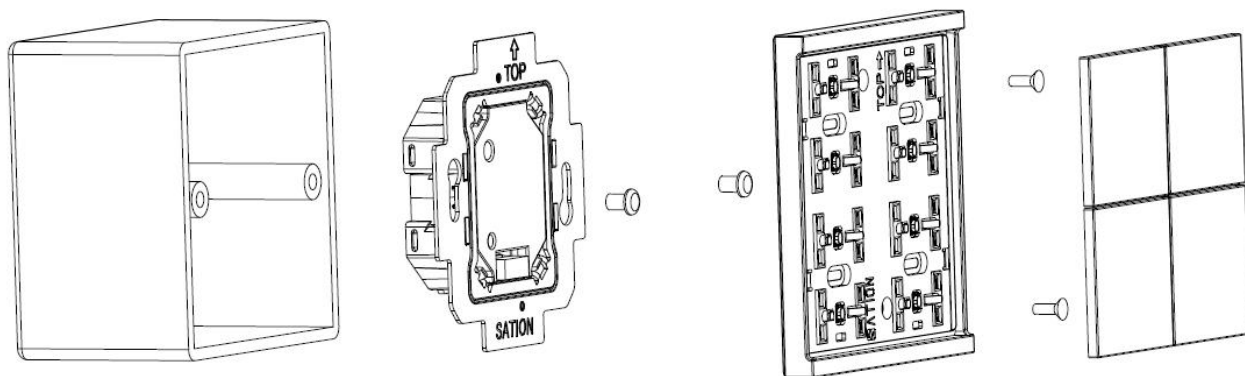


86按键面板



80按键面板

3.3 Installation Instructions



3 Contact Us

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Factory

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