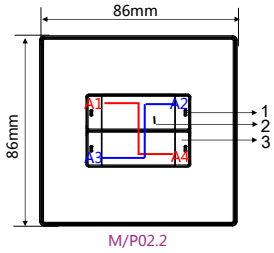
M/P02.2
KNX iFlex Series 2 Buttons Smart Panel EU
M/P04.2
KNX iFlex Series 4 Buttons Smart Panel EU
Hardware Version: A2

Datasheet
Issued: July 21, 2019
Edition: V1.0.0

Figure 1. KNX iFlex Series 2 Buttons Smart Panel EU

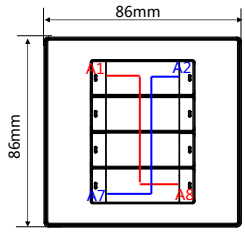
Figure 2. KNX iFlex Series 4 Buttons Smart Panel EU

Customizable Label



M/P02.2

Figure 3. Dimensions - Front View



M/P04.2

Figure 4. Dimensions - Front View

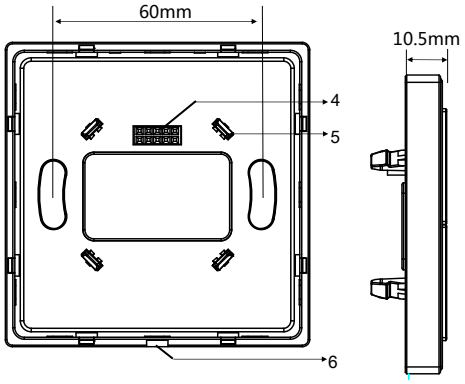


Figure 5. Dimensions - Back View

Figure 6. Dimensions - Side View

Overview

KNX iFlex Series 2(4) Buttons Smart Panel EU (See Figure 1 - 2) is a multi-function control panel with metal frame, which supports multiple button control types. Button label can be customized, panel material and color are selectable.

Functions

- Button work modes: Left & right button combined mode or independent button mode.
- LED indicator is available for each button.
- Supports multiple control modes: Switch Control, Dimming, Shutter Control, Flexible Control, Scene Control, Sequence Control, Percentage Control, Threshold Control, Combination Control, String (14bytes) Controller, Button Lock, Button Trigger.
- Push the top left corner and the bottom right corner button (Button A1 and A4 for M/P02.2, Button A1 and A8 for M/P04.2) simultaneously for 2 seconds, then the panel will enter programming mode.
- Users can customize button label.
- Selectable panel material and color.

Important Notes

- The panel must be wall box mounted.
- The panel must work in conjunction with the power interface (M/PCI.1-A).
- Programming - The device is compliant with the KNX standard and the parameters are set by the Engineering Tool Software (ETS).

Product Information

Dimensions - See Figure 3 - 6

1. Button indicator: Indicates the status of the controlled target.
2. Button label: Users can edit and change the button labels.
3. Push button: Supports long pressing and short pressing.
4. Communication interface: Connects the panel to the power interface.
5. Fastener: Connects the panel to the power interface.
6. Split gap: Insert a slotted screwdriver to the split gap, then separate the panel and power module.
Programming: Press the top left corner and the bottom right corner button(A1 and A4 for M/P02.2, A1 and A8 for M/P04.2) simultaneously for 2 seconds, then the panel will enter programming mode.
Button locking and unlocking: Push the top right corner and the bottom left corner button(A2 and A3 for M/P02.2, A2 and A7 for M/P04.2) simultaneously for 2 seconds, then the buttons will be locked or unlocked.

Product installation and disassembly

(Take M/P02.2 as an example)

Installation - See Figure 7 - 9

Step 1. Fix the power interface into the wall box with screws.

Step 2. Hold the edge panel, then insert the panel into power interface module vertically.

Disassembly - See Figure 10

Step 1. Insert the panel gap with a slotted screwdriver.

Step 2. Pry up the panel gently and hold the edge panel. Then the panel can be taken off.

Safety Precautions

- The installation and commissioning of the device must be carried out by HDL or the organization designated by HDL. For planning and construction of electric installations, the relevant guidelines, regulations and standards of the respective country are to be considered.
- The device should be wall box mounted. HDL does not take responsibility for all the consequences caused by installation and wire connection that are not in accordance with this document.
- Please do not privately disassemble the device or change components, otherwise it may cause mechanical failure, electric shock, fire or body injury.
- Please resort to our customer service department or designated agencies for maintenance service. The warranty is not applicable for the product fault caused by private disassembly.

Package Contents

Panel*1 / Datasheet*1 / Button label *2n (n is button number)

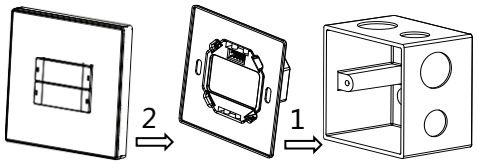


Figure 9 Figure 8 Figure 7

Figure 7 - 9. Installation

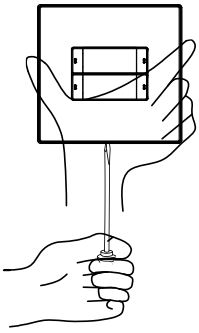


Figure 10. Disassembly

Technical Data

Basic Parameters	
Working voltage	21~30V DC
Working current	15mA/30V DC
Communication	KNX
Cable diameter of KNX terminal	0.6-0.8mm
External Environment	
Working temperature	-5℃~45℃
Working relative humidity	≤90%
Storage temperature	-20℃~60℃
Storage relative humidity	≤93%
Specifications	
Dimensions	86×86×10.5(mm)
Net weight	107g
Housing material	Glass, PC, ABS, aluminum
Installation	Wall box (See Figure 7 - 9)
Protection rating (Compliant with EN 60529)	IP20

Name and Content of Hazardous Substances in Products

Components	Hazardous substances					
	Lead (Pb)	Mercury (Hg)	Cadmium (Cd)	Chromium VI (Cr (VI))	Poly-brominated biphenyls (PBB)	Poly-brominated diphenyl ethers (PBDE)
Plastic	o	o	o	o	o	o
Hardware	o	o	o	o	-	-
Screw	o	o	o	×	-	-
Solder	×	o	o	o	-	-
PCB	×	o	o	o	o	o
IC	o	o	o	o	×	×
Glass	o	o	o	o	o	o

The symbol “-” indicates that the hazardous substance is not contained.
The symbol "o" indicates that the content of the hazardous substances in all the homogeneous materials of the component is below the limit requirement specified in the Standard IEC62321-2015.
The symbol “×” indicates that the content of the hazardous substance in at least one of the homogeneous materials of the part exceeds the limit requirement specified in the Standard IEC62321-2015.

KNX Cable Guide

KNX	KNX Cable
+	Red
-	Black

Technical support
E-mail: support@hdlautomation.com
Website: https://www.hdlautomation.com