HDL®

Parameters

Electrical Parameters:

Power Supply	DC12-30V
Communication interface	HDL Buspro

Environmental Conditions:

Working Temperature	-5℃~45℃
Working relative Humidity	Up to 90%
Storage Temperature	-20℃~+60℃
Storage relative Humidity	Up to 93%

Approved

CE
RoHS

Product Information:

Dimensions	80×110.5×28.5(mm)
Net weight	121.5(g)
Housing material	Steel, ABS
Installation	US Wall Box
Protection rating	IP20

Important Notes

- Buspro cable — HDL Buspro/KNX cable, 0.8mm single-core copper cable.
- Buspro Connection — Series connection (hand-in-hand).
- It must work in conjunction with panel or sensor.

Installation Steps

- Connect Buspro cables. Make sure the color of wire complies with the definition.
- Make sure the Buspro cable type is correct and has no short circuit.
- Mount the HDL-MPPI.46-A in the wall-box.
- Make conjunction with HDL-MPPI.46-A and panel.

Overview

HDL-MPPI.46-A   Panel switch power docking base provides the DC power and communicates with the panel switch signal, it supports different new generation on wall mount switches and wall mount new sensors.
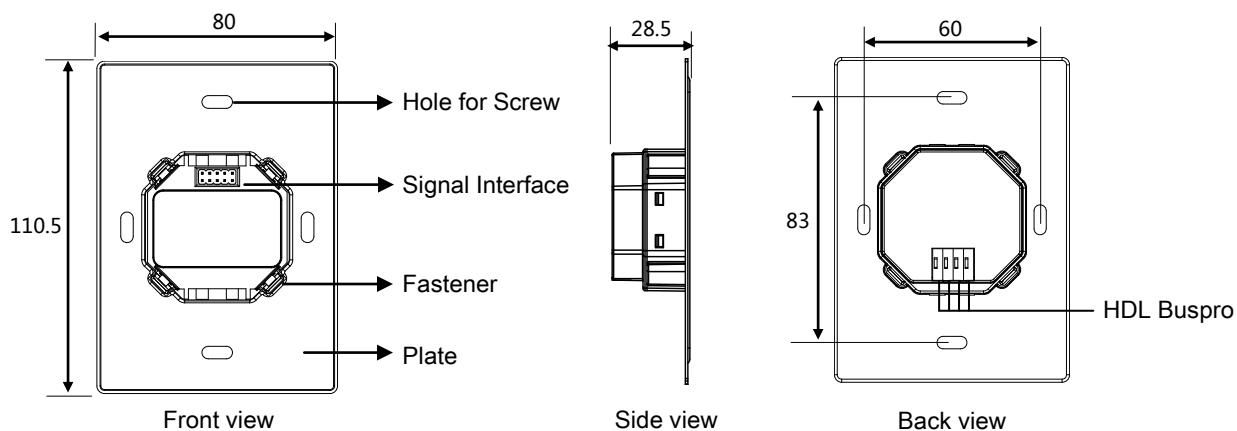
Functions

- This docking base is the universal base for different switches.
- It has the HDL-Bus interface. It must work in conjunction with panel or sensor

HDL Buspro Cable Guide

CAT5/CAT5E	HDL Buspro	HDLBuspro/KNX
Brown/ Orange	DC24V	Red
Brown white/ Orange white	COM	Black
Blue white/Green white	DATA-	White
Blue/ Green	DATA+	Yellow

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Dimensions and Wirings

Front view

Side view

Back view
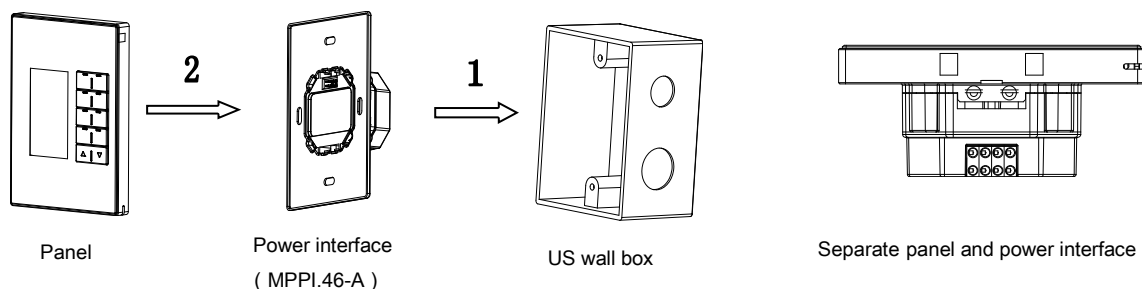
Signal Interface and fastener: To be connected with the panel switch or sensor.

Hole for Screw: Fix the docking base into the back box.

Installation

Panel

Power interface
（MPPI.46-A）

US wall box

Separate panel and power interface

Installation: Hold the edge of panel, insert the power interface module vertically.

Split: Panel and panel power interface by magnetic suction, you can split them apart directly.

Safety Precautions ⚠ WARNING

- The screw down strength should not exceed 0.1Nm.
- It must work in conjunction with panel or sensor.
- Do not make wrong connection on Buspro interface, it will damage the Buspro interface of this module.
- Do not let liquids and corrosive gases come into contact with the module, it will damage this device.
- Do not get AC power into Bus wire , it will damage all devices in the system.
- Ensure a good ventilation.

Package Contents

- Datasheet*1 / Device *1 / Bus connector *1 / Screw*2

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