

## Parameters

### Electrical Parameters:

Power supply	DC12 - 30V
Communication interface	HDL Buspro

### Environmental Conditions:

Working temperature	-5°C~45°C
Working relative humidity	Up to 90%
Storage temperature	-20°C~+60°C
Storage relative humidity	Up to 93%

### Approved

CE

RoHS

### Product Information:

Dimensions	80×80×28.5 (mm)
Net weight	96(g)
Housing material	Steel, ABS
Installation	EU 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 and 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.48-A in the wall-box
- Make conjunction with HDL-MPPI.48-A and panel

## Overview



**HDL-MPPI.48-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.

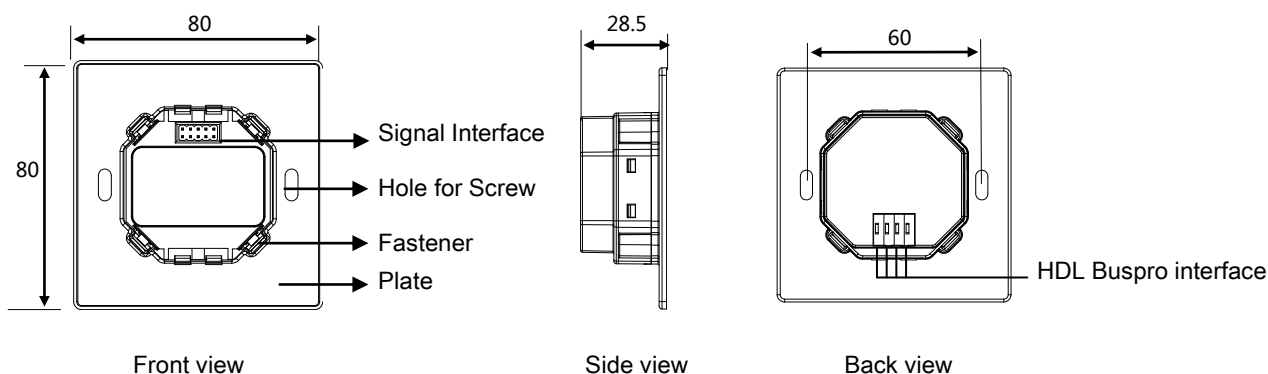
## Functions

- This docking base is the universal base for different switches.
- It has the HDL Buspro 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

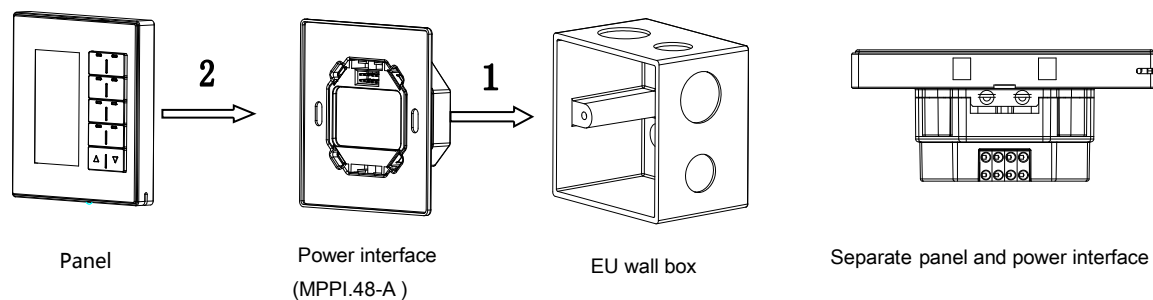
## Dimensions and Wirings



**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



**Installation:** Hold the edge of panel, insert the power interface module vertically. Do not push the panel too hard.

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

## Safety Precautions



- The screw down strength should not exceed 0.1Nm.
- 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

