

## Parameters

Electrical Parameters:	
Power supply	DC12-30V
Power consumption	15mA/DC24V
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	MPH101.48: 86×86×23 (mm)
	MPH102.48: 86×86×23 (mm)
	MPH104.48: 86×86×23 (mm)
	MPH108.48: 172×86×23 (mm)
Weight	MPH101.48: 67g
	MPH102.48: 66.5g
	MPH104.48: 66.5g
	MPH108.48: 174g
Housing material	Aluminum, ABS
Installation	EU wall box
Protection degree	IP20

## Important Notes

- Buspro cable—CAT5R or HDL Buspro/KNX cable.
- Buspro Connection—Series connection (hand-in-hand).
- Installation—EU wall box.

## Installation Step

- Fix the switch into the back box, install the cover on the switch. Make sure the fastener and splitting notch connect well before pressing the cover.
- Please use a suitable screw driver, insert it into the fastener no more than 10mm, open the cover of the switch lightly. Use hands to hold the cover, to avoid damages caused by break down.

## HDL Buspro Definition for Cable

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

## Overview



HDL-MPH101.48



HDL-MPH102.48



HDL-MPH104.48



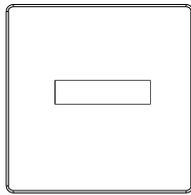
HDL-MPH108.48

This series of switches are for hotel.

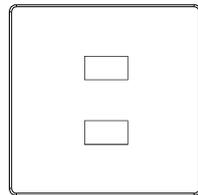
## Functions

- Multiple key mode: single on, single off, single on/off, combination on( max 99 targets), combination off ( max 99 targets), combination on/off( max 99 targets), double click/single on-off ( max 49 targets), double click/combination on-off ( max 49 targets), momentary, short press/long press ( max 49 targets), short press/long momentary ( max 49 targets), etc.
- Multiple control type : Scene, sequence, time switch, universal switch, single channel lighting control, curtain switch, GPRS Control, panel control, broadcast scene, broadcast channel, security, music play, universal control, etc.
- Communication: HDL Buspro.
- Support HDL Buspro online upgrading .

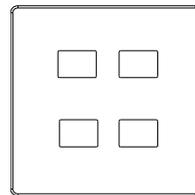
## Dimensions and Wiring



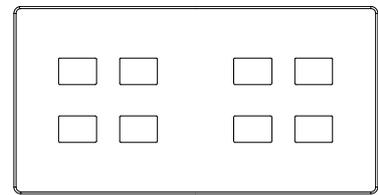
MPH101.48



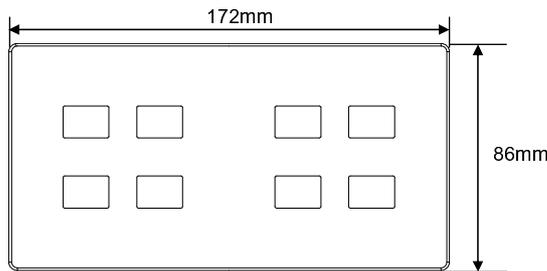
MPH102.48



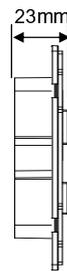
MPH104.48



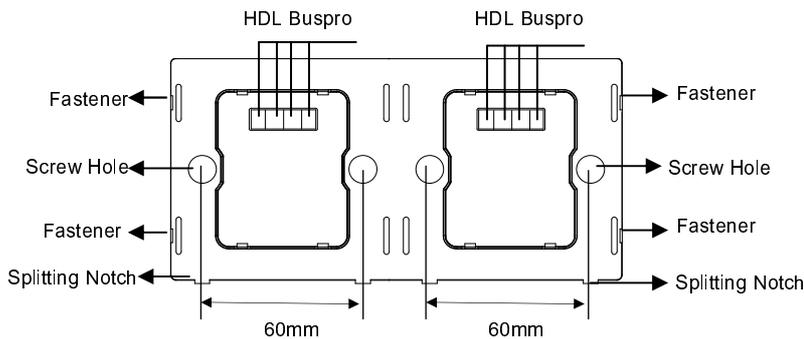
MPH108.48



Front view



Side view



Back view

**Key Button** : Short Press for switch on/off control, keep pressing the button for on site dimming.

**Address management** : Press any button for 20 seconds to configure the address of the switch with the HDL Buspro setting tool: address management→modify address. Then press any key to finalize the setting.

## Safety precaution



- The screw down strength should not exceed 0.1Nm
- Mounting position: indoor
- Do not make wrong connection on Buspro interface, it will damage the Buspro interface of this module
- Never let liquids get into the module, it will damage this device
- Do not get AC power into Bus wire, it will damage all of devices in the system
- Ensure good ventilation
- Avoid contact with liquids and aggressive gases

## Packing List

- Datasheet\*1 / Panel \*1

