

## Parameters

### Electrical Parameters:

Input voltage	AC85-265V , 50/60Hz
Power consumption	0.3W max.
Wireless transmission power	+10dbm
Wireless sensitivity	-90dbm
Indoor communication distance	<=30m
RSSI Received Signal Strength	>-80dbm
Indication	

### Frequency allocation

WPAN (China)	780 to 786MHz
SRD (Europe)	864 to 870MHz
ISM (North America)	904 to 928MHz
Default PSK	HDL-SecurityKey0

### Environmental Conditions:

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

### Approved

CE

RoHS

### Product Information:

Dimensions	44x36x17 (mm)
Net weight	25.5g
Housing material	PC
Installation	Wall box
Protection rating	IP20
Fire and null wire	1.5mm <sup>2</sup> (the module provides 15cm wire)
Stripping length	5~7mm

## Important Notes

- Connection - Make sure that all connection is correct.
- The subnet ID of wireless relay should be same as the wireless gateway

## Overview

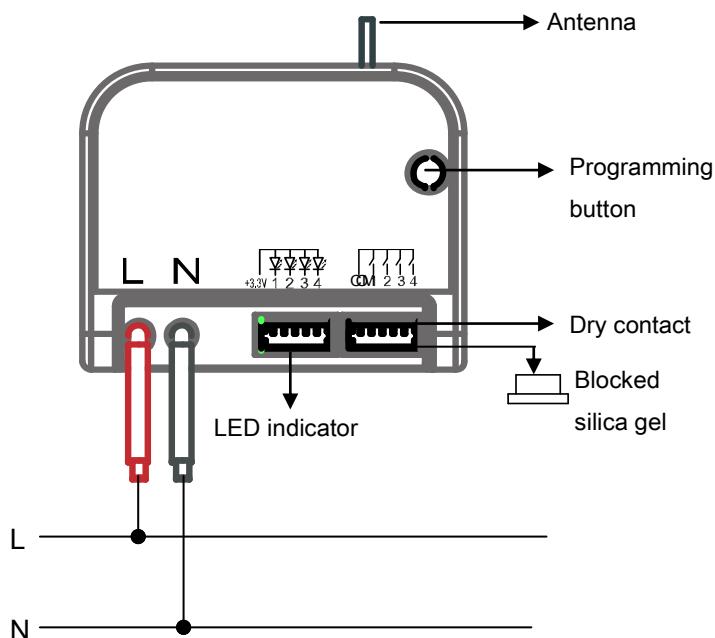
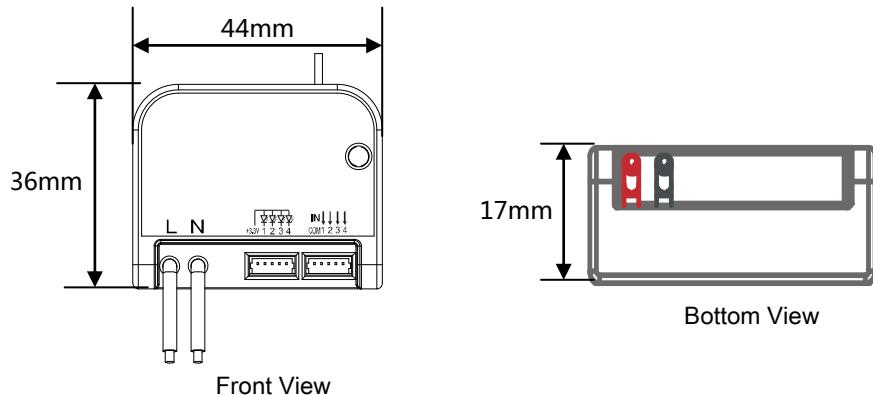


HDL-MPS04-RF.18 Buspro wireless 4CH dry contact, has 4CH dry contact, can control target by switch. The module should work in conjunction with wireless gateway.

## Functions

- 4CH dry contact inputs, 4CH LED outputs
- The 4CH dry contact supports electronic switch and mechanical switch, can control the target, has dimming function
- The dry contact supports: mechanical switch, single on, single off, single on/off, combination on/off, multi-function, parallel switch
- Each switch type can set switch mode, dimmable two-way, dimmable increase, dimmable reduce
- Control type: scene, sequence, universal switch, single channel lighting control, broadcast scene, broadcast channel, curtain switch, GPRS control switch, panel control, security module, z-audio control
- Support security function
- Support IEEE.802.15.4
- Support online upgrading
- Support easy programming



Dimensions and Wirings

**Programming button:** if it is working properly, the green light will flicker, press the button three times continuously, the green light will flicker quickly, enter the setup mode. (the gateway should enter the setup mode at the same time, and then, set the parameter)

**Blocked silica gel:** It is for insulation protection, to prevent from short circuit caused by the contact between the power cable of this module and Led indicator port or dry contact. The blocked silica gel is mounted in the traverse port when delivery. When the wiring is connected to the traverse port, the blocked silica gel should be removed ; when the wiring is disconnected to the traverse port, the blocked gel should be mounted in the traverse port.

Safety Precautions

- This device is wall box installation, in order to avoid the fire disaster when the device damage, cannot install it without the wall box.
- Never let the liquids get into the module, it will damage this device.
- Ensure good ventilation

Package Contents

- HDL-MPS04-RF.18\*1
- Datasheet\*1
- Cable \*2

