

Parameters

Electrical Parameters:	
Input voltage	AC85-265V , 50/60Hz
Output current	1.5A
Power consumption	0.58W max.
Wireless transmit power	+10dbm
Wireless receive sensitivity	-90dbm
Indoor communication distance	<=30m
RSSI receive signal receiving	>-80dbm
Wireless central frequency	
(China) WPAN	780 to 786MHz
(Europe) SRD	864 to 870MHz
(North America) ISM	904至928MHz
Default band	780 MHz
Default PSK	HDL-SecurityKey0
Environment 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	44x36x20.2 (mm)
Weight	38g
Housing material	PC, Aluminum
Installation	Wall box
Protection degree	IP20
Fire and null wire	1.5mm ² (the module provides 15cm wire)
Load cable	1.5mm ² (the module provides 15cm wire)
Stripping length	5~7mm

Important Notes

- This module should work with wireless gateway
- Connection - Check the connection, avoid short circuit
- When power on, cannot touch the power, load and dry contact terminal, avoid the electric shock
- The subnet ID of wireless dimmer should be same as the wireless gateway

Overview

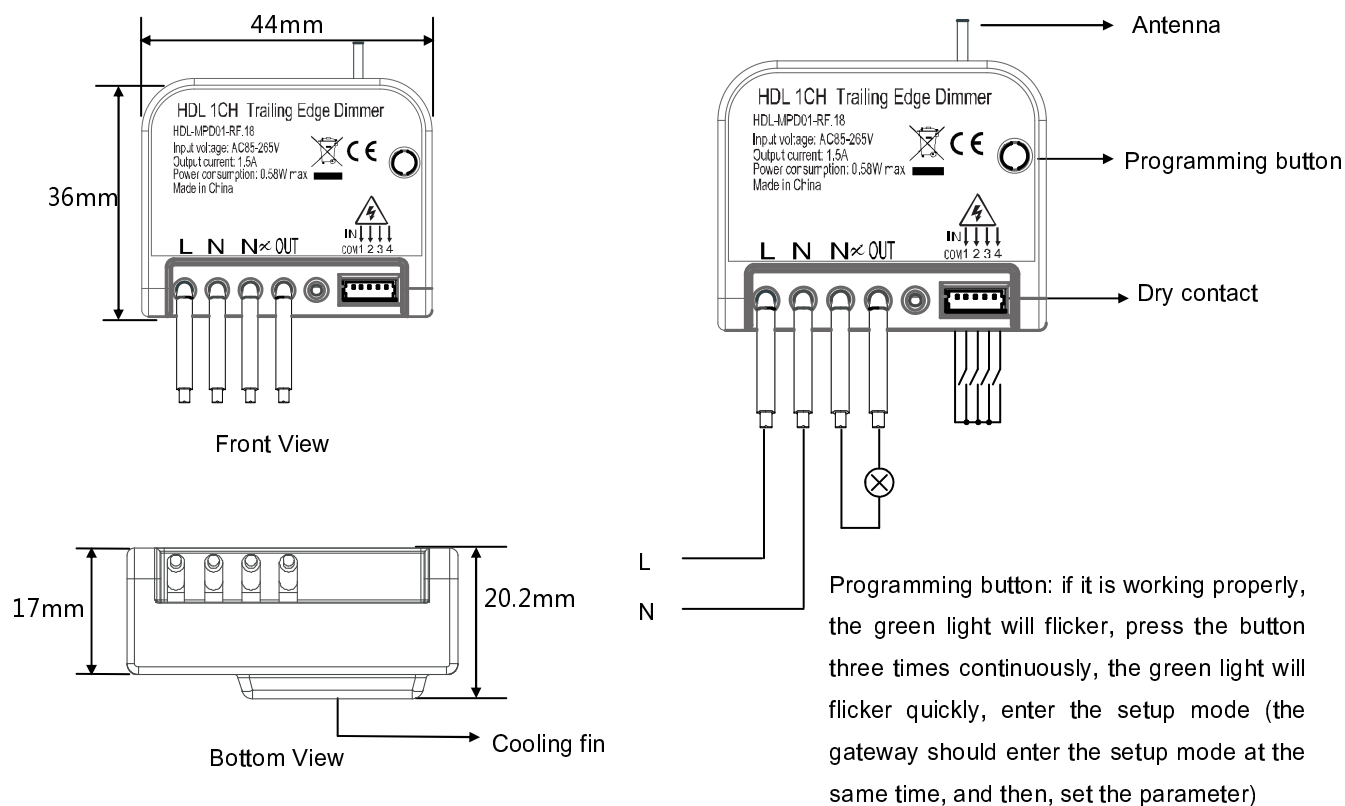


HDL-MPD01-RF.18 wireless 1CH dimmer, has 4CH dry contact, can control targets by switch. This module should work in conjunction with wireless gateway

Functions

- 1CH MOSFET dimming output, output current should not exceed 1.6A.
- Output channel cannot connect with inductive load, such as, transformer, fan, inductive ballast, fluorescent lamp, etc
- 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 IEEE.802.15.4
- Support online upgrading
- Support easy programming

Dimensions and Wiring



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)

Safety Precautions

- When power on, cannot touch the power, load, dry contact terminal, avoid electric shock
- Never let the liquids get into the module, it will damage this device
- Ensure good ventilation

Packing List

- HDL-MPD01-RF.18*1/Datasheet*1