

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

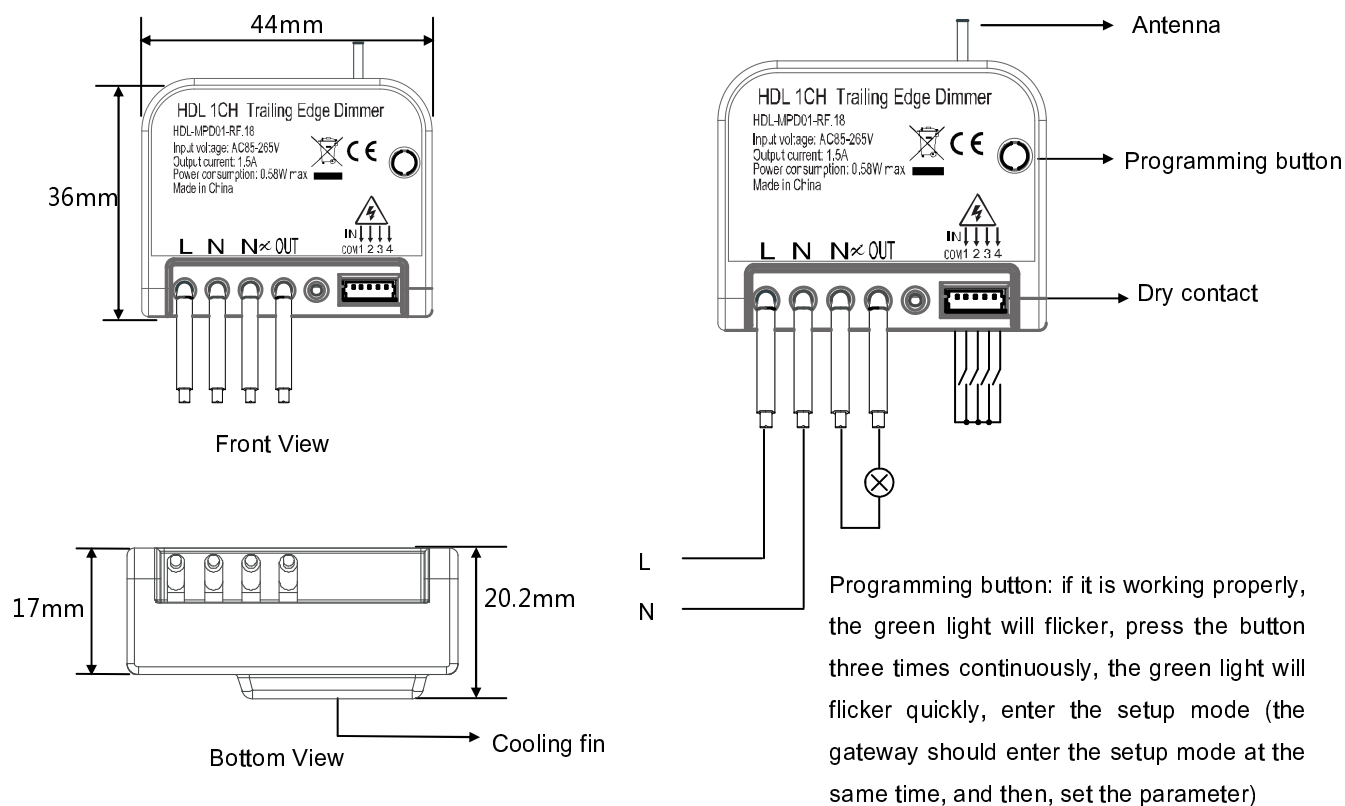


HDL-MPD01-RF.18 wireless 1CH dimmer, has 4CH dry contact, can control targets by switch. This module should work in conjunction with wireless gateway

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



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