

Parameters

Electrical Parameters

Input voltage	AC85-265V , 50/60Hz
Output current	5A
Power consumption	1.45W 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	44x36x22 (mm)
Net weight	42.1 g
Housing material	PC
Installation	Wall box
Protection rating	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 1CH curtain should be same as the wireless gateway

Overview

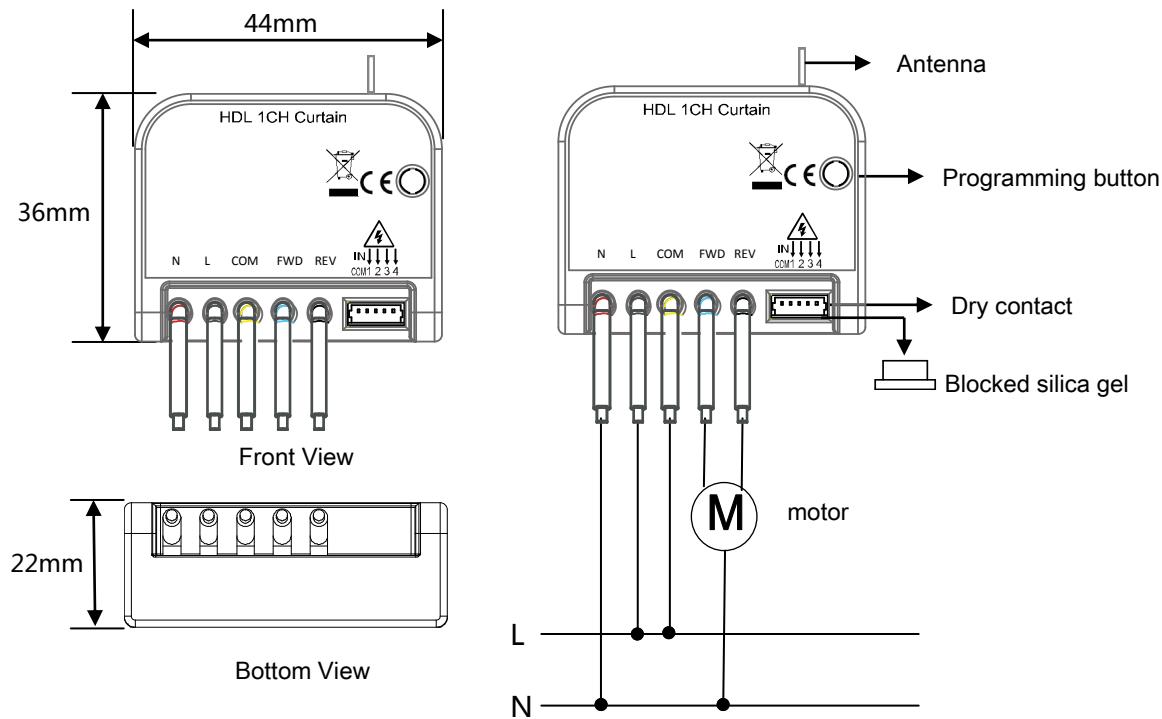


HDL-MPC01-RF.18 wireless 1CH curtain, has 4CH dry contact, can control the targets by switch. This module should work in conjunction with wireless gateway

Functions

- Control 1CH curtain, inching control for shutter coordinate.
- The 4CH dry contact supports: mechanic switch and electronic switch, can control the targets, 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 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 or load cable of this module and 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.
- When power on, cannot touch the terminal of power cable, load cable and dry contact , avoid electric shock.
- Never let the liquids get into the module, it will damage this device.
- Ensure good ventilation

Package Contents

- HDL-MPC01-RF.18*1 / Datasheet*1 /Cable *1

