

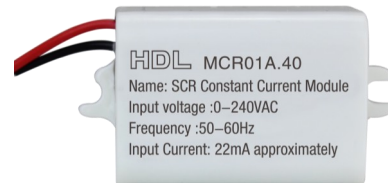
## Parameters

Electrical Parameters	
Power supply	AC0~240V
Frequency	50~60Hz
Load channel constant current	22mA
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	37.4×26.7×22.6(mm)
Weight	73.1(g)
Housing material	ABS
Installation	Screw fix installation
Protection degree	IP20

## Important Notes

- To work in conjunction with TRIAC (Leading Edge Dimmer)
- Parallel connection to the Load
- Several HDL-MCR01A.40 can be connected with the load in parallel, to amplify the minimum current of TRIAC

## Overview

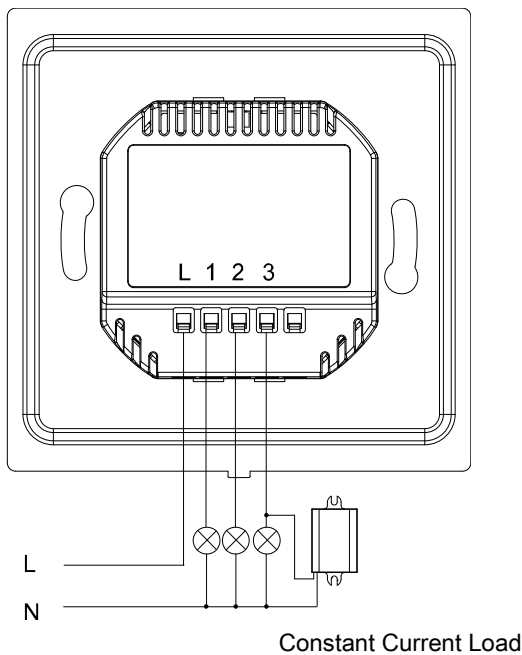
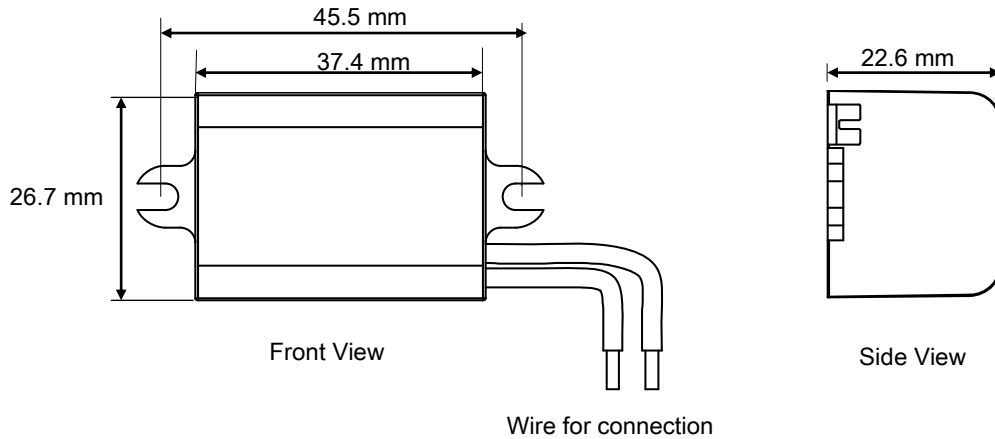


HDL-MCR01A.40 is a TRIAC constant current load, the module can supply minimum current for TRIAC. It can solve the flicker problem when it is dimming the lamps, such as LEDs and electronic transformer.

## Functions

- 1 channel for load
- 22mA constant current
- Work with TRIAC dimmer

## Dimensions and Wiring



### Note :

The left picture takes the wireless power interface as an example. The 1CH constant current load connects to the third channel in parallel. There is no positive pole and negative pole of the constant current load.

## Safety Precautions



- The screw down torque should not 0.4Nm
- Ensure good ventilation.
- Do not let the module come into contact with hazardous liquids or corrosive gases.

## Package Contents

- HDL-MCR01A.40\*1
- Datasheet\*1

