

Parameters

Electrical Parameters:	
Power supply	DC0~240V
Frequency	50~60Hz
Load channel constant current	15mA
Environmental Conditions:	
Working temperature	0°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	ABS
Housing material	73.1(g)
Installation	Screw fix installation
Protection degree	IP20

Important Notes

- To be used in conjunction with TRIAC (Leading Edge Dimmer).
- Parallel connection to the Load.
- Several HDL-MCR01.40 can be parallelly connected with the load, to amplify the minimum current of TRIAC.

Overview

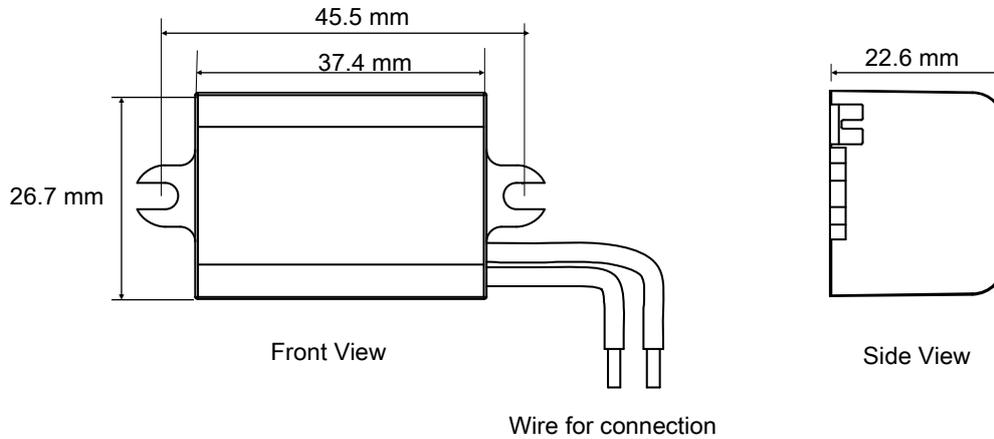


HDL-MCR01.40 is a TRIAC constant current load, the module can supply minimum current for TRIAC. It can solve the flicker problem when it is dimming the lamps, such as LEDs and electronic transformer.

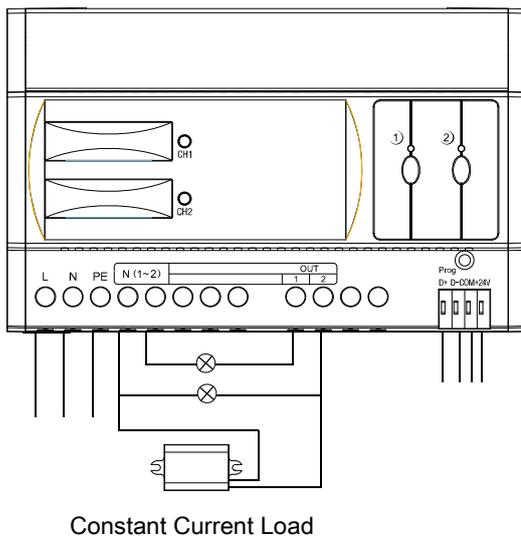
Functions

- 1 channel for load
- 15mA constant current
- Working with TRIAC dimmer
- Connected in parallel when working with the lamp

Dimensions and Wiring



Leading Edge Dimmer



Note :

The above connection diagram uses the HDL TRIAC Dimmer as an example, the device connects with the 2nd channel of the Dimmer. There is no positive pole and negative pole of the constant current load.

Safety precaution



- The screw down strength should not 0.4Nm
- Ensure good ventilation.
- Avoid contact with liquids and aggressive gases

Packing List

- Datasheet*1 / HDL-MCR01.40 *1

