

AC Current Detection Switch / AC Current Sensor With AC Contact (model 0025011)

Feature:

Application: It is be used for detecting the AC current. When the AC current is detected, the internal contact is closed.

Ultra-small size, sealed waterproof design, suitable for harsh environments.

The contact can be used to connect AC devices, such as AC contactor, AC relay, AC solenoid valve, AC heating pipe, AC lamp, AC fan, AC Motor, AC counter and so on.

Parameters:

Model No.: 0025011

Current Detection Range: AC 0.3~50A

Contact Current: Max 2A at AC100~240V

Wire Hole Diameter: 7mm

Detection Method: Electromagnetic induction

Contact Type: Non-contact electronic switch, Normally Open.

Response Speed: 0.2S

Protection Class: IP67

Size: 41mm x 33mm x 15mm

Working Temperature: 0~80℃

Wiring:

1. Pass a line of AC device A through the current detection switch.
2. Connect one red line of the current detection switch to the live wire of AC power supply.
3. Connect another red line of the current detection switch to one side of AC device B, and connect another side of AC device B to the neutral wire of AC power supply.
4. When turn on AC device A, the contact in the current detection switch is closed, then the AC device B is turned on.
5. When turn off AC device A, the contact in the current detection switch is open, then the AC device B is turned off.

Notice:

Please keep the installation distance with other electrical appliances, do not close to the high-current wires and transformers.

The current of the AC device A must be greater than 0.3A, otherwise the current detection switch does not work.

The AC device B that connected to the current detection switch should be smaller than 2A, otherwise it must be connected to the switch through a AC contactor.

