AC Current Detection Switch / AC Current Sensor With DC Contact (model 0025010)

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 DC devices, such as DC contactor, DC relay, DC solenoid valve, DC heating pipe, DC lamp, DC fan, DC Motor, DC counter and so on.

Parameters:
Model No.: 0025010
Current Detection Range: AC 0.4~50A
Contact Current: Max 2A at DC12V
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 the red line of the current detection switch to the positive pole of DC power supply.
3. Connect the black line of the current detection switch to the positive pole of DC device B, and connect the neutral pole of DC device B to the neutral pole of DC power supply.
4. When turn on AC device A, the contact in the current detection switch is closed, then the DC device B is turned on.
5. When turn off AC device A, the contact in the current detection switch is open, then the DC 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 0.4A, otherwise the current detection switch does not work.
The DC device B that connected to the current detection switch should be smaller than 2A, otherwise it must be connected to the switch through a DC contactor.