

AC induction switch (NO) A200K-OA Instruction Manual

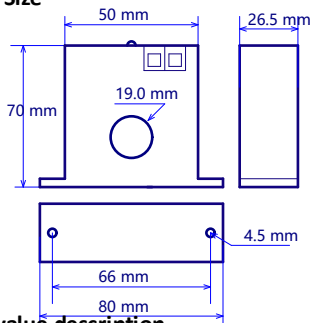
Product Description

Current induction switch is a kind of switch output detection, monitoring and protection alarm product, which is developed by advanced passive power supply technology, based on the principle of electromagnetic mutual inductance of current, for the purpose of safety, simplicity and convenience in monitoring or detecting the current of electrical equipment.

Technical Parameter

Start current/frequency range: 0.5-200A, 40-400Hz
 Start-up time: within 0.1 seconds (possibly 0.3 seconds at low current)
 Switch contact capacity: MAX:0.5A@12~240Vac/dc;
 Overload capacity: +100% @ 200A (5Min)
 Hysteresis: 1%
 Product size: H×W1/W2×T mm (as shown below)
 Weight: 100g (0.10Kg)
 Piercing hole diameter: 19.5 mm
 Installation Form: M4 Screw Fixed Installation
 Shell material: Fire-proof ABS, 94V-0
 Operating Temperature: -40~55℃
 Storage temperature: -50~65℃
 Operating humidity: 0-95%, no condensation
 IP Level: IP30

Product Size



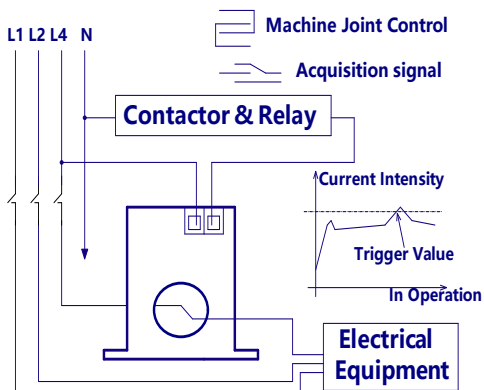
Trigger value description

Overcurrent monitoring detection and adjustment: expand the current starting value clockwise (until the green light is on), and lock the starting value counterclockwise (until the red light is on). For under current monitoring and detection, on the basis of over-current regulation, turn it clockwise until the green light is on

Normally open type: the contact of overcurrent switch is closed and can be detected by multimeter.

Red light on: the switch is closed; Green light: the switch is off.

Applied wiring diagram



Precautions for Use

- 1、 It shall be installed by electrician certificate or relevant technicians or trained and qualified personnel; Disconnect all power supplies during installation to ensure safety.
- 2、 The hole diameter of the mounting screw is 4.5mm, which can be installed and fixed with M4 screws.
- 3、 All the switch products mentioned in this paper cannot be used under direct sunlight, in the environment where the working temperature is higher than 55℃, and in wet and dripping places. The products are not waterproof.
- 4、 The current carrying capacity of the switch terminal is Max: 0.5A@240Vac/dc; It is forbidden to power on directly without passing the load, otherwise the product will be permanently damaged.
- 5、 The through core current value when applying the product should be within the current range on the label. If the current value is lower than the specified range, the requirements can be met by increasing the number of turns.
- 6、 The through-hole of the switch products described in this paper can only pass through the synchronous in-phase current cable, and it is forbidden for two or more different phase current lines to pass through, otherwise the switch cannot play the role of normal monitoring
- 7、 If you encounter any doubts or problems during installation and use, please contact your sales staff for explanation. The technical attendant of our company will provide follow-up service. Do not dismantle and repair by yourself, otherwise you will lose your due rights and services.