

AC current Induction switch (NO + NC)

A200K-OC Instruction Manual

Product Description

The current induction switch is a switch output detection, monitoring, protection and alarm type product developed by using the principle of current electromagnetic mutual inductance and passive self power supply technology for safety, simplicity and convenience in monitoring or detecting the current of electric equipment.

Product Characteristics

Trigger current / freq range: 1.0-200A、40~400Hz

Action time: within 0.1s (up to 0.3s in case of small current)

NC contact capacity: MAX: 0.5A@12~240Vac/dc;

NO contact capacity: MAX: 0.5A@240Vac/dc

Withstand voltage between T and K: 2.5KV ac

Input overload capacity: +100% @ 150A (10Min)

Hysteresis: 1%

Size: H×W1/W2×T mm (如下图)

Weight: 90 g (0.09Kg)

Diameter of inspection hole: 19.5 mm

Indicator light: red and green

Installation form: M4 screw fixation

Shell material: Fireproof, ABS, 94V-0

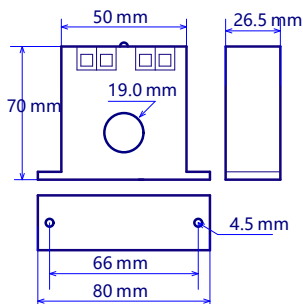
Operating temperature: -30℃~55℃

Storage temperature: -40℃~65℃

Operating humidity: 0~95% ,

IP level: IP30

Product dimension drawing



Trigger settings

1、Connect the corresponding detected current before setting;

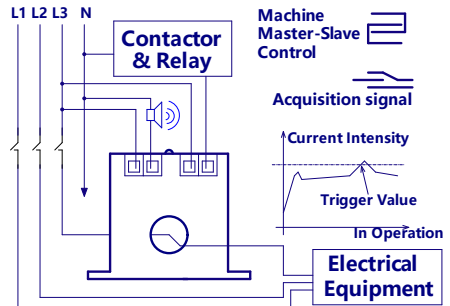
1.1、If it is used for overcurrent detection: if the red light is on, it indicates that the current value is above the set value. Adjust CS clockwise to turn the red light into green light, and then adjust CS counterclockwise to turn the green light into red

light;

1.2、if the green light is on, it indicates that the current value is below the set value. Adjust CS counterclockwise to turn the green light into red light;

2、If it is used for under current detection, adjust CS clockwise on the basis of 1 to turn red light to green light.

Typical Application



Precautions for use:

1、Disconnect all power supplies during installation to ensure safety; The installation shall be carried out by electrician certificate or relevant technical personnel or trained personnel.

2、It can be fixed with M4 screws.

3、It shall not be used under direct sunlight, in the environment with temperature higher than 55℃, and in the places with damp and dripping water.

4、The current carrying capacity of the switch terminal is: Max: 0.5A@240Vac/dc; It is prohibited to directly power on without passing the load.

5、The through core current value during application shall 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 NC group adopts self conduction technology. When there is no current (above 0.8A), it cannot be tested with a multimeter. NO group is OK.

7、In case of doubt or problems during installation and use, please contact your sales personnel to explain the situation. The technical staff of our company will provide follow-up service. Please do not dismantle or repair it by yourself, otherwise you will lose your due rights and services.