



# LOAD LIMITER OPERATION MANUAL

NINGBO SUMMIT ELECTRONIC CO.,LTD

## Warranty

### Quality Assurance

SUMMIT guarantees that this product is fully compliant with its published specifications when it leaves the factory. As long as it is properly installed, it can be used normally. However, the company's products do not guarantee that its operation is uninterrupted or zero error.

### Warranty period

This product has a one-year warranty period from the factory date to ensure that the customer will not have any product problems within one year. If the product is approved to be defective in the warranty period, the company will repair it. Any product that needs repair must be sent to the company's designated service center. The customer should bear the shipping cost of the product to the service office, and the SUMMIT company's service office will bear the return charge during the warranty period and send it back

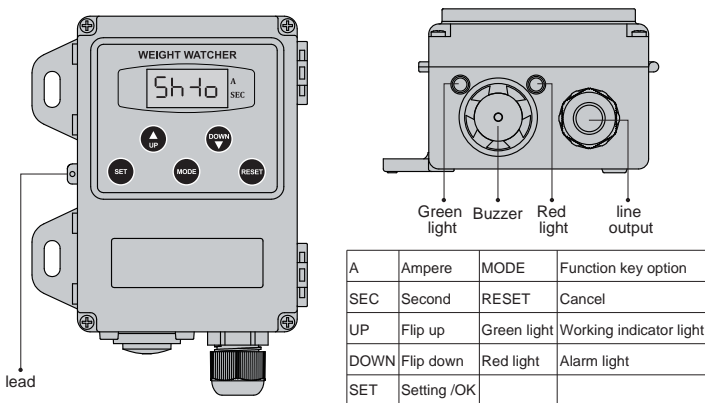
## Note



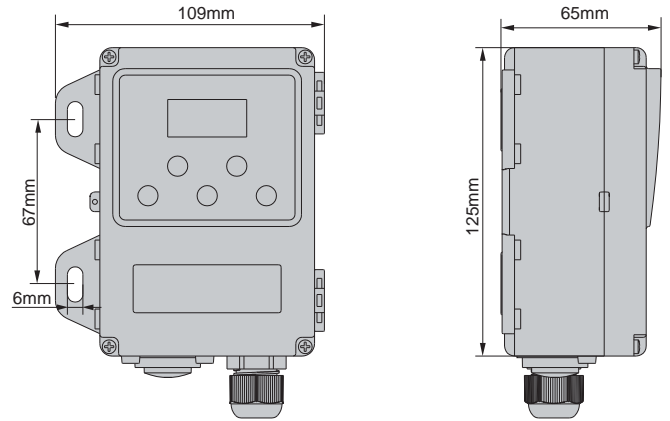
- Untrained personnel should not disassemble the machine at will, otherwise it may be damaged and cause personal injury.
- During installation, the cable needs to be positioned around the product to prevent pinching or sharpening.
- Regular inspection of the equipment is required during use.

## Product introduction

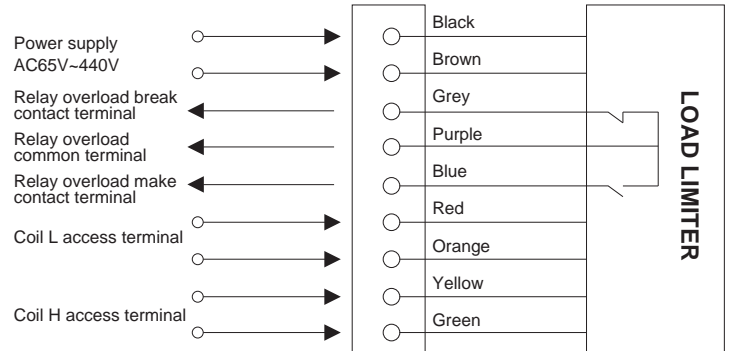
This overload limiter is a fixed protection device specially designed to protect the mechanical overload of the three-phase motor. When the external mechanical overload or impact load, the motor current will increase, then the current transformer (CT) detects the secondary current and compare it with the set value, when the set value is exceeded, it is judged to be overloaded. At this time, the overload of the relay is confirmed to immediately cut off the power supply. At the same time, the alarm buzzer sounds and the warning light flashes to remind the operator that the machine is overloaded. It is a highly reliable overload protection device.



## Dimensional drawing



## Interface description



## Technical parameter

Input voltage	AC65V~440V
load current	0.5~99.9A
Starting time	0.1~25 S
Buffering time	0.1~25 S
Overload actuation time	0.1~25 S
Node output	AC250V10A
Working temperature	-25~60 C

## Operating process

- 1 After power is on, the digital tube will display **5h 40**, after blinks 3 seconds, and it will skip to the **CH 1** interface
- 2 Move the "K10" key to the "on" position , and long press "SET" key, the digital tube will display **h 2 h 1** a time, skips to **I 0** interface and keep flashing, and than set the starting time by pressing the "up" key or "down" key.
- 3 Move the "K10" key to the "ON" position , long press "SET" key, the digital tube will display **h 2 h 1** a time, skips to **I 0** interface and keep flashing . press "MODE" key until the **2 0** interface displays, and than set the buffering time.
- 4 Move the "K10" key to the "ON" position , long press "SET" key, the digital tube will display **h 2 h 1** a time, and skips to **I 0** interface and keep flashing. press "MODE" key until the **3 0** interface displays, and than set the overload actuation time.
- 5 Setting the alarm current value  
Move the "K10" key to the "ON" position , long press "SET" key, the digital tube will display **h 2 h 1** a time, and skips to **I 0** interface and keep flashing. press "MODE" key until the **1 0** interface displays, and than set the current value under L mode.
- 6 Move the "K10" key to the "ON" position , long press "SET" key, the digital tube will display **h 2 h 1** a time, and skips to **I 0** interface and keep flashing. press "MODE" key until the **H 0** interface displays, and than set the current value under H mode.
- 7 After setting, press the "set" key again and save the current setting, and press the "reset" button to cancel the current setting
- 8 To prevent the misoperation, please move the "K10" key to "off" position after setting.

## Diagrammatic sketch

