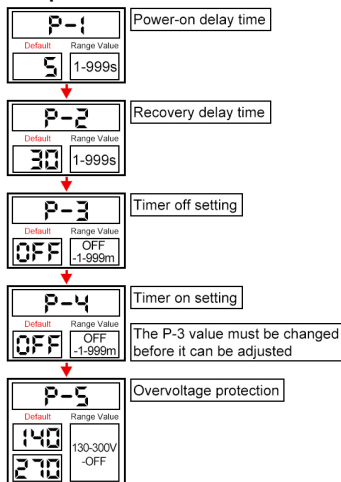
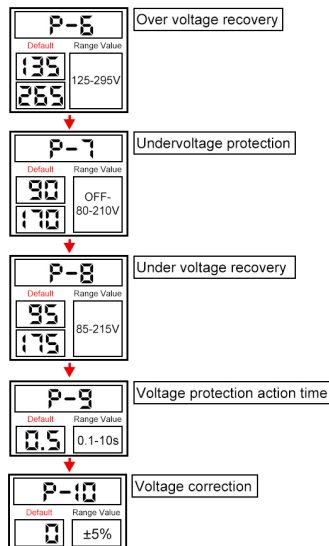
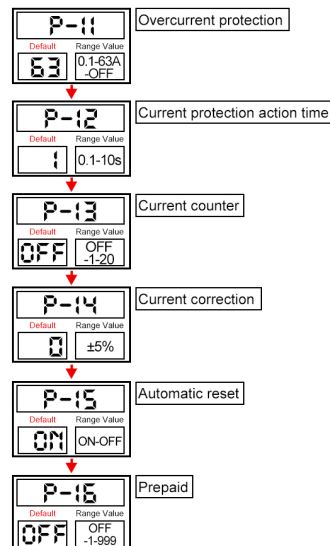
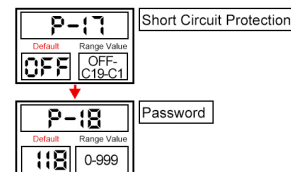


Instruction Manual

INTELLIGENT PROTECTOR



Setup Menu



End

Matters needing attention

- 1.A circuit breaker must be installed at both the input (product front end) and load ends for use with this product.
- 2.The equipment must be installed by qualified professionals.
- 3.Before operating the device, disconnect all power supplies and do not touch any terminal when the power supply is connected.
- 4.Verify that terminals are properly connected.
- 5.Do not use the equipment in places that may be corroded by gas, strong sunlight and rain.
- 6.Clean equipment with a dry cloth.
- 7.Failure to comply with these instructions will result in serious injury or serious accident.

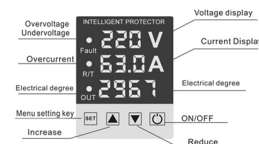
Product characteristics

- Microcontroller-based.
- Digital display of working voltage, current, electric energy and frequency.
- Measurement accuracy is 0.5 class.
- Protection temperature: 85°C (device will trip)
- Reset hysteresis: 65°C (device will restore automatically when temperature drops to 65°C)
- The energy metering data is for reference only and shall not be used as a legal metering standard or billing basis.
- Key setting parameter.
- DIN rail mounting.

Technical data

Rated supply voltage	AC 120V/AC 230V	Mechanical life	10*
Operating voltage range	AC80-300V	Protection class	IP20
Rated frequency	50/60Hz	Pollution degree	3
Hysteresis	Overvoltage:5V Undervoltage:5V	Altitude	<2000m
Measurement accuracy	0.5 class	Operating temperature	-5°C~40°C
Rated insulation voltage	450V	Humidity	≤50%or40°C
Output contact	1NO	Storage temperature	-10°C~55°C
Electrical life	10*	Product size	85*36*66mm

Display panel



CODE display:

- HH: 9999 degree measurement value NN: 0.001 degree measurement value
P: Active power S: Visible power
PF: Power factor HZ: Frequency
°C: Celsius temperature PE: Prepaid

- SET** Menu setting key; to enter the parameter setting menu
- Up key**
In menu mode: Short press to increase the parameter value.
Out of menu mode: Short press to view the device temperature.
- Down key**
In menu: Short press to decrease values.
Out of menu: Short press to start timing;
Switch to OFF state, long press to clear electric energy.
- ON/OFF** Short press to turn on/off
When in OFF state, long press to restore factory settings.