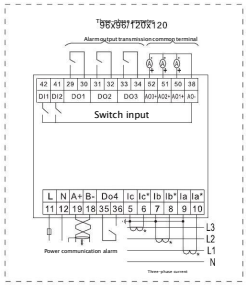
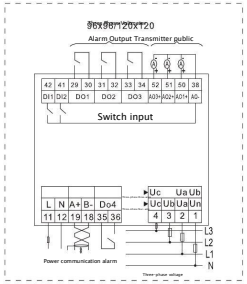
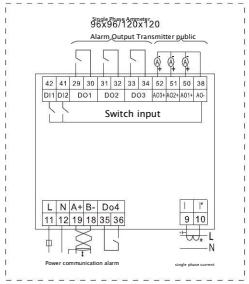
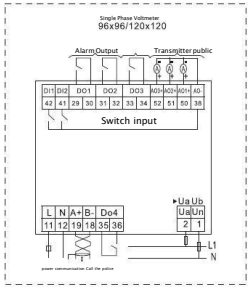
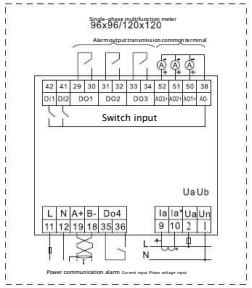
Product wiring diagram

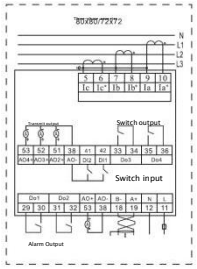


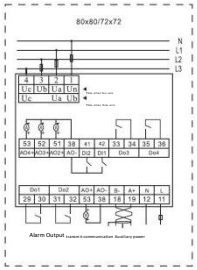


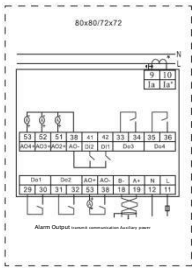


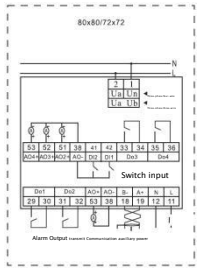


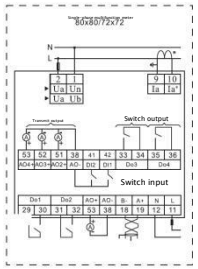


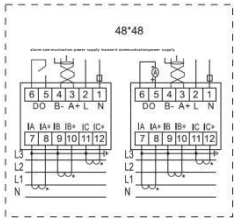


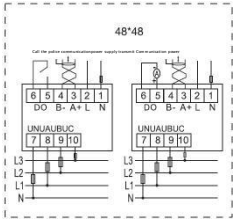


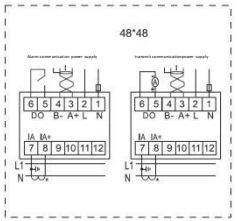


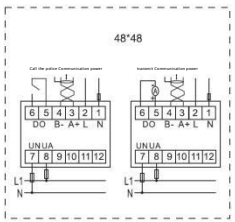


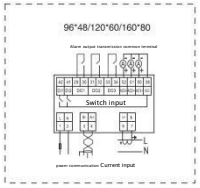


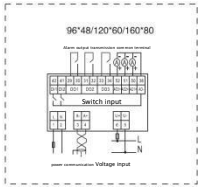


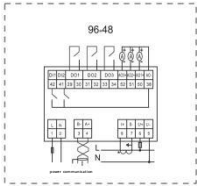












Single three-phase intelligent power meter

User Manual

performance / Specification		Technical indicators
Accuracy class		0.5-level \0.2-level light bar indicates 2%
Display digits		Four bits, plus sign bit
enter	Nominal input	ACI; 1A, 5A; ACU: 100V, 220V, 380V DCI: 75mV; DCU: 300V
	Overrange	Continuous 1.2 times the instantaneous voltage 2 times /S
	frequency	45 ~ 65Hz
power supply	Auxiliary power	AC220V (default) or AC/ DC80 - 265 V (optional)
	Power consumption	<3.0VA
	Working pressure	2kV (50Hz/1min)
Insulation resistance		≥100MΩ
mean time between failures		≥50000h
working conditions		Ambient temperature 0~60℃, relative humidity≤93%, no corrosive gas field

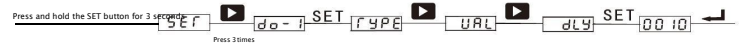
Example of alarm setting:

Ammeter AC200/5 (CT=40), when the primary current value of the transformer is required to be greater than 160A, the action delay time of the high alarm relay is 10 seconds. The reset current of the relay is 150A, that is, the hysteresis is 10A.

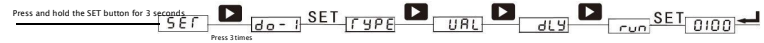
① Set the alarm option TYPE;

② Set the alarm value to 160A;

③ Set the relay action delay time to 10s;



④ Set the hysteresis amount to 10A;



Transmission setting example:

Ammeter AC200/5 (CT=40), when the primary current of the transformer is required to be equal to 200A, the transmission output is 20mA, and the initial value of the transmission output is 4mA.

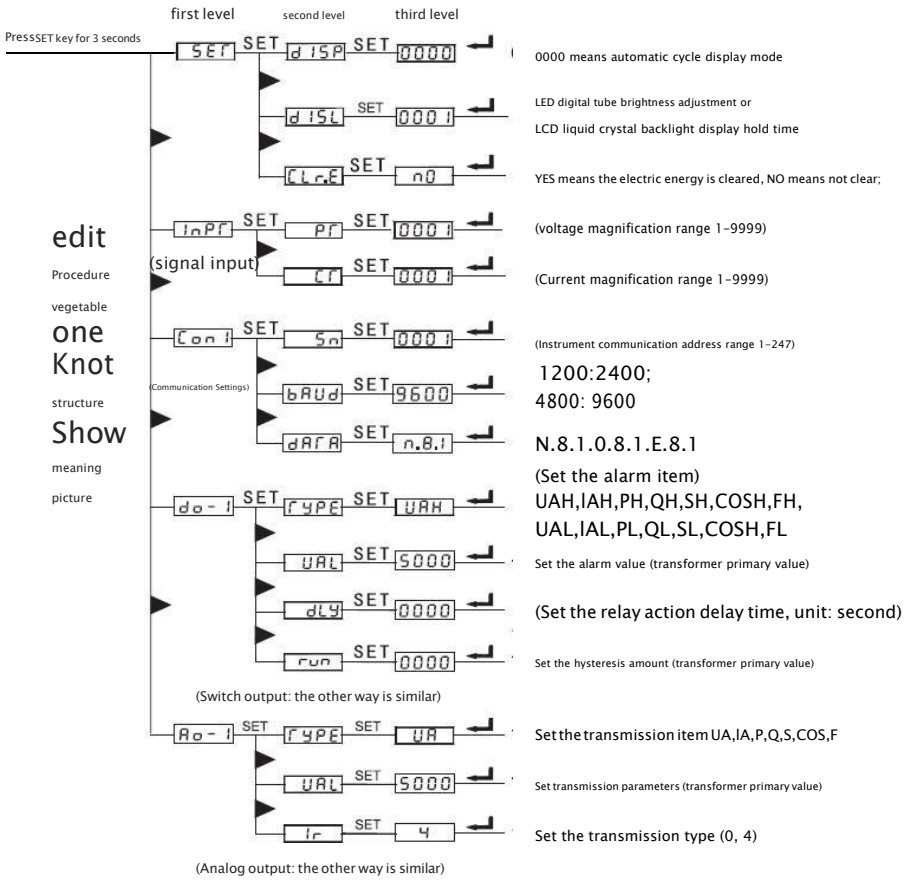
① Set the transmission options;

② Set the transmission value to 200A;Press 4 times

③ Set the transmission output type;Press 4 times

Single-phase intelligent power meter

Programming Setup Steps



Instructions:

(a) Data of the third level menu(or option) after changing, press the " ↵ " key back It will take effect only after the second level menu. After all parameters are set, press " ↵ " to exit to the display measurement interface.

(b) The wiring method can be modified according to the actual wiring method on site.

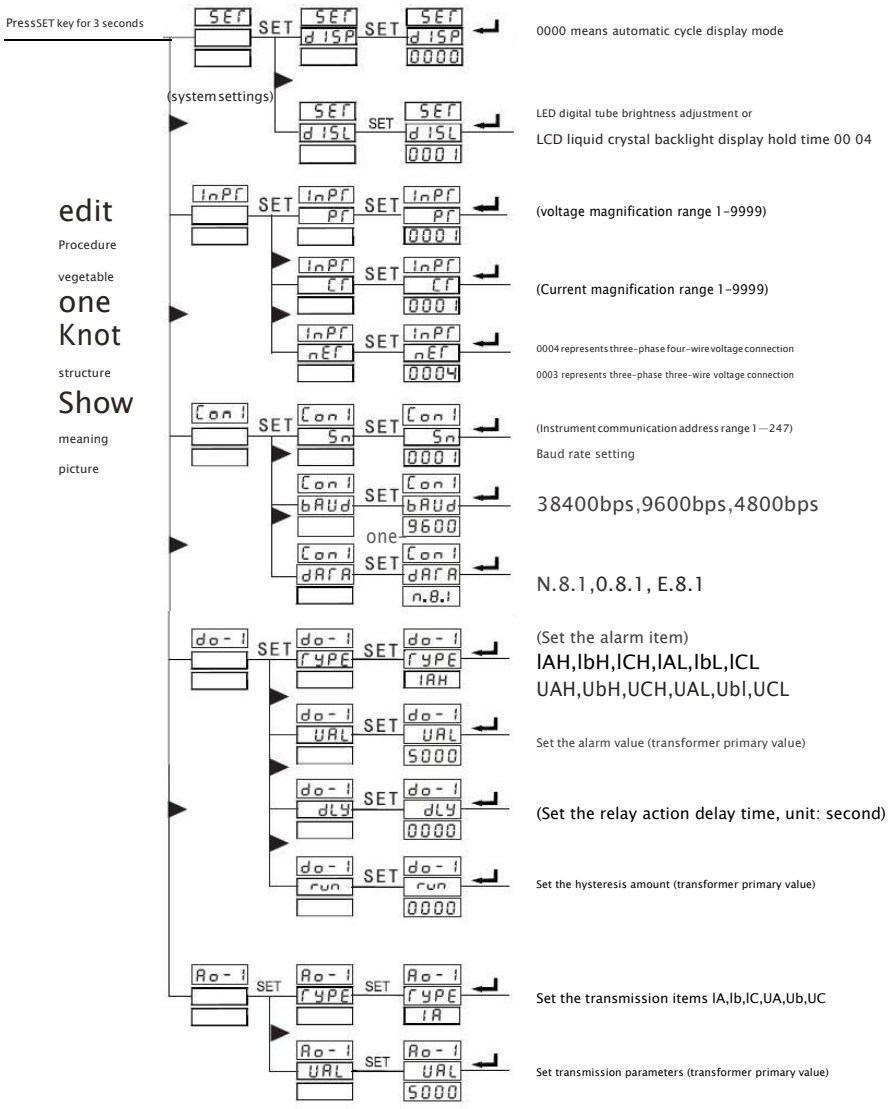
(c) Under normal circumstances, the type parameters and Factory setting parameters, the user can also reprogram the instrument according to actual needs.

(d) When changing the value, increase or decrease by " ◀ " key and " ▶ " key,

Press " ↵ " to shift.

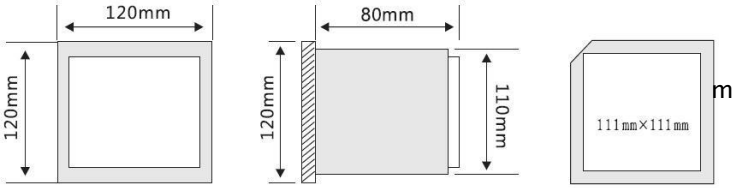
Three-phase smart current and voltmeter

Programming Setup Steps

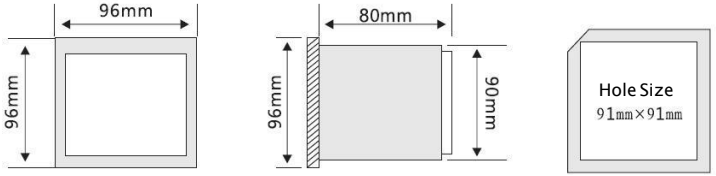


■ Face frame size and hole size

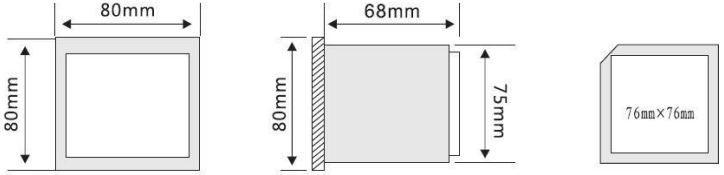
◆ 120mmX120mm



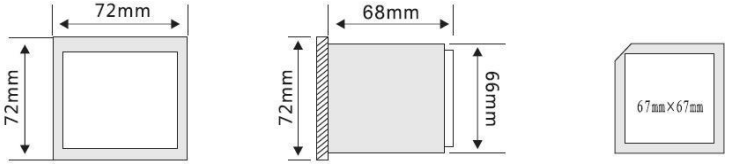
◆ 96mmX96mm



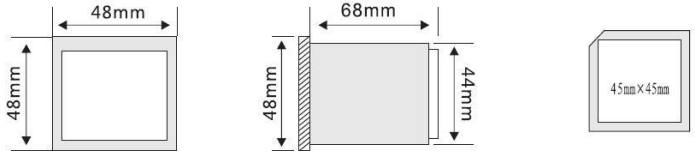
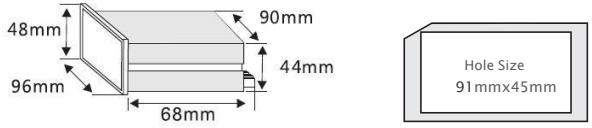
◆ 80mmX80mm



◆ 72mmX72mm



◆ 48mmX48mm



◆ 96mmX48mm