



## AH800 Current Hour Meter

### 1. Type and Characteristic:

Type: AH800

Function Characteristic: Current Hour Meter, input of directing current signal, separate display busbar current and accumulative total current hour value of display window front two row.

### 2. Environment of use:

(1) Indoor use

(2) Operation temperature with opposite humidity

0	--10	(non-coagulation)
11	--30	( 80% opposite humidity)
31	--40	( 75% opposite humidity)
41	--50	( 45% opposite humidity)

(3) Deposited temperature with opposite humidity: 0 --55 (0--80% opposite humidity)

(4) Pollution Grade: 3

### 3. Technical Index:

Adduction standard: GB/T 13970—1992 number meter basic parameter series

GB 4793—84 safty requirement of electricity measurement meter

Input current: DC 4mA—20mA (may selection) Input resistance: 50

Function of display: current 4 number (value should selection) Frequency: 0.1% (27 )  
current hour 8 number (value should selection) Frequency: 0.1% (27 )

Temperature coefficient:  $2.0 \times 10^{-4} / (0 \text{ --}55)$

Working power supply: AC 220V 10% 45HZ—55HZ

Function wastage: < 10W

Isolation resist pressure: AC 2KV/50Hz@1min Creepage current : I < 5mA

Isolation resistance: DC 500V > 10M

Figuration size: width 152mm\*height 75mm\*depth 135mm

- All errors are full graduation for theory

**4. Operation Explanation:**  
 Please see chart 1:

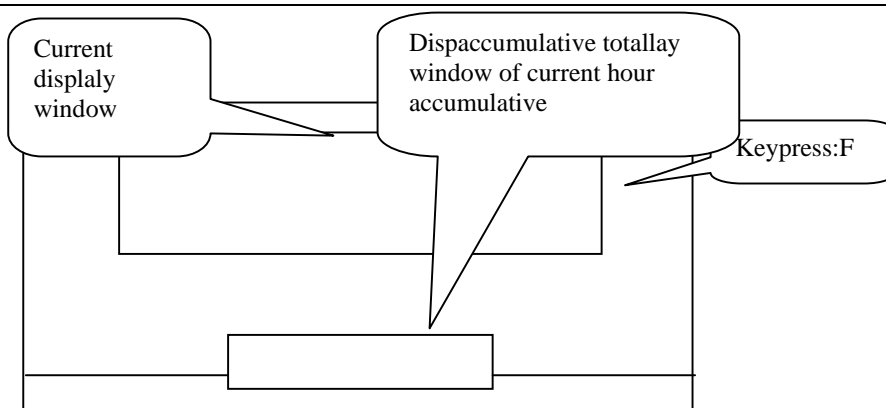


Chart 1

- (1) Connection power supply, input current signal, shall display value
- (2) Current hour accumulative number clean out zero: sustaining enter press “F”, should display of count down: FFF30...FFF29.....FFF00(30 seconds), after 30 seconds, current hour accumulative number shall clean out zero
- (3) Function of connect line:  
 Please see chart 2:

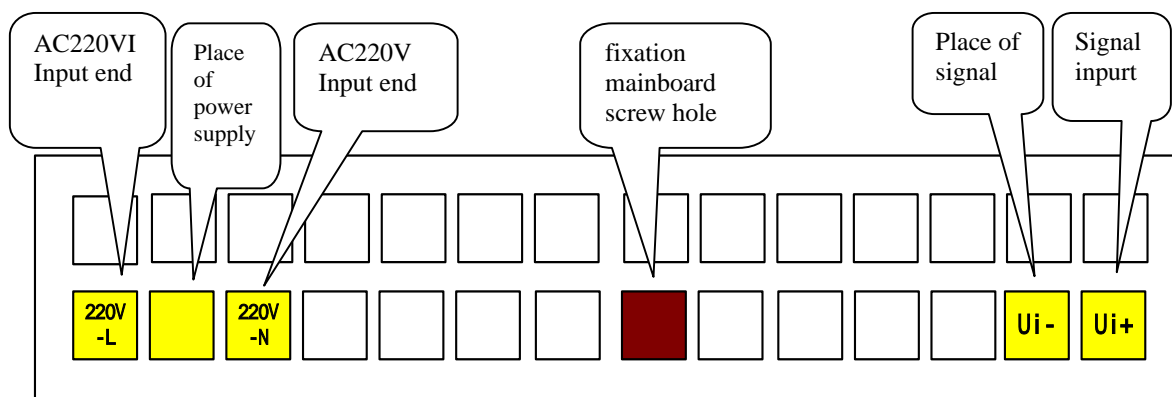


Chart 2

**5. Notice Proceeding:**

- (1) If see display of current hour accumulative”FFFFFFF”, it’s indicate can not read that saved record of next time, suggest should return to factory for this meter.
- (2) If display of current hour accumulative value in the process of using:”EEEEEEEE”, indicate this machine already can not saved record. It’s will appear “1”. This complexion usually happen after sustaining using several decades, suggest that return this meter to factory to settle it.

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**(3) If current hour accumulative value take count of alternation cycle:**

**Current hour accumulative value read number=display number + 10000000**