



Three Phase Intelligent Digital Current Meter Multi-Functional Monitor and Control Meter

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: Golden Electric /OEM
- Certification: ISO 9001, ISO 9000, ISO 14001, ISO 14000, ISO 20000, OHSAS/ OHSMS 18001, IATF16949
- Minimum Order Quantity: 1
- Packaging Details: Carton/Pallet
- Delivery Time: Peak Season Lead Time: more than 12 months Off Season Lead Time: within 15 workdays
- Payment Terms: LC, T/T, PayPal, Western Union
- Supply Ability: 5000/Month



Product Specification

- Display Ammeter Type: Single-phase Digital
- Model No.: Rh-AA
- Type: Power Meter
- Measured Signal: Continuous Wave
- Display Way: LED Or LCD
- Phase: Single Phase
- Powr Supply: AC/DC 80V-270V AC220V AC380V AC100V,DC48V DC24V
- Size: Various Choice Of Dimension
- Output: Support Switch Output And Analog Output
- Rated Value: AC 5A
- Input: Support Switch Input
- Frequency: 45~60Hz
- Transport Package: Standard Export Carton
- Trademark: Golden Electric Or Customize



More Images



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Product Description



Product Description

Multi-functional monitor and control meter is a high performance intelligent instrument with such functions of measuring power parameters and harmonic waves at real time, measuring positive and negative active/reactive energy, measuring energy at separate time zone, reading energy at fixed time zone, analyzing electric quality, displaying wave at real time, recording events, demands, and etc. Also, it provides various input and output interfaces for monitoring and control on site and is integrated with RS-485 port, cooperated with different intelligent distribution system and administration system, share the parameters and data of system. This meter has very high performance and price index, completely replacing power transmitter measuring instruments, energy meters, and associated parts, widely used in energy administration system, power monitoring system, mineral enterprises, public facilities, smart buildings, switchgears, and intelligent power system.

Product Parameters

技术指标 Technical index

测量精度

- 电压: 0.5级
- 电流: 0.5级
- 有功功率: 0.5级
- 无功功率: 0.5级
- 功率因数: 0.5级
- 频率: $\pm 0.02\text{Hz}$
- 有功电能: 0.5S级或0.2S级
- 无功电能: 1级或2级

信号输入

- 接线方式: 三相四线, 三相三线
- 额定电压: AC 57.7V, AC 100V, AC 220V, AC 380V, 0-500VAC(L-L), 0-300V(L-N)
- 额定电流: AC 1A, AC 5A
- 过载: 电压: 1.2倍(持续), 2倍/1秒(瞬时); 电流: 1.2倍(持续), 10倍/5秒(瞬时)
- 功耗: 电压: $<1\text{VA}/\text{相}$, 电流: $<0.4\text{VA}/\text{相}$
- 阻抗: 电压: $>300\text{k}\Omega$, 电流: $<20\text{m}\Omega$
- 频率: 45-65Hz

辅助电源

- 工作范围: AC/DC: 80V-270V
- 功耗: $<4\text{VA}$

Accuracy of measurement

- Voltage level 0.5
- Current level 0.5
- Active power 0.5
- Reactive power level 0.5
- Frequency $\pm 0.02\text{Hz}$
- Active electric energy class 0.5S or class 0.2S
- Reactive energy grade 1 or grade 2
- Power factor 0.5

Signal input

- Connection mode of four phase three wire, three phase, three line
- Rated voltage AC 57.7V, AC 100V, AC 220V, AC 380V, 0-500VAC(L-L), 0-300V(L-N)
- Rated current AC 1A, AC 5A
- Overload voltage: 1.2 times(Continued), 2 times/second (instantaneous); current: 1.2 times(Continued), 10 times/5 second (instantaneous)
- Power consumption voltage: $<1\text{VA}$, current: $<0.4\text{VA}/\text{phase}$
- Impedance voltage: $>300\text{mK}\Omega$, current: $<20\text{m}\Omega$
- The frequency 45-65Hz

Auxiliary power supply

- Working range AC/DC 80V-270V
- Power consumption $<4\text{VA}$

环境

- 工作温度: $-10^{\circ}\text{C} \rightarrow +55^{\circ}\text{C}$
- 存储温度: $-25^{\circ}\text{C} \rightarrow +70^{\circ}\text{C}$
- 相对湿度: $<93\%$, 无腐蚀性气体场所
- 海拔: $<2500\text{m}$

Environment

- Working temperature: $-10^{\circ}\text{C} \rightarrow +55^{\circ}\text{C}$
- Storage temperature: $-25^{\circ}\text{C} \rightarrow +70^{\circ}\text{C}$
- Relative humidity is less than 93%, no corrosive gas
- Elevation $\leq 2500\text{m}$

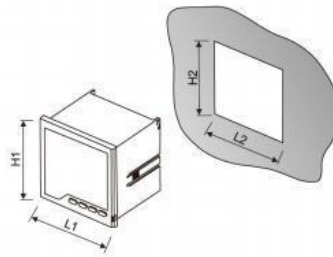
安全

- 绝缘电阻: $>100\text{M}\Omega$
- 交流耐压: AC 2KV
- AC withstand voltage AC 2KV

电磁兼容性

- 静电放电: 4级
- 电快速瞬变脉冲群: 4级
- 浪涌(冲击): 4级
- Electromagnetic compatibility
- ESD level 4
- Electrical fast transient burst level 4
- Surge(impact) level 4

Outline dimensions:



面框尺寸(mm): L1xH1
 开孔尺寸(mm): L2xH2
 Frame size(mm): L1xH1
 Hole size(mm): L2xH2

Code	Hole Size(mm)	Frame Size(mm)
2	120*120	111*111
3	96*96	92*92
5	96*48	92*45
6	80*80	76*76
7	72*72	68*68
8	48*48	45*45

Features:

*High precision measurement of three-phase voltage active power reactive power apparent power power factor, frequency of electric parameters

*Forward and reverse active /reactive energy measurement

*Division of electric energy metering time-sharing power timing meter reading

*Measurement of three-phase voltage three-phase current total harmonic distortion (THD) 2-31 odd harmonic component

*To provide a nixie tube or liquid crystal display, local data query

*Menu button intuitive simple operation. Current voltage gain Programmable

*Provide multiple circuit leakage current monitoring Provide multiple loop control nodes can be used for the alarm, trip control

*Support for fire control remote cut off the fault circuit Support for RS-485 communication Modbus-RTU protocol

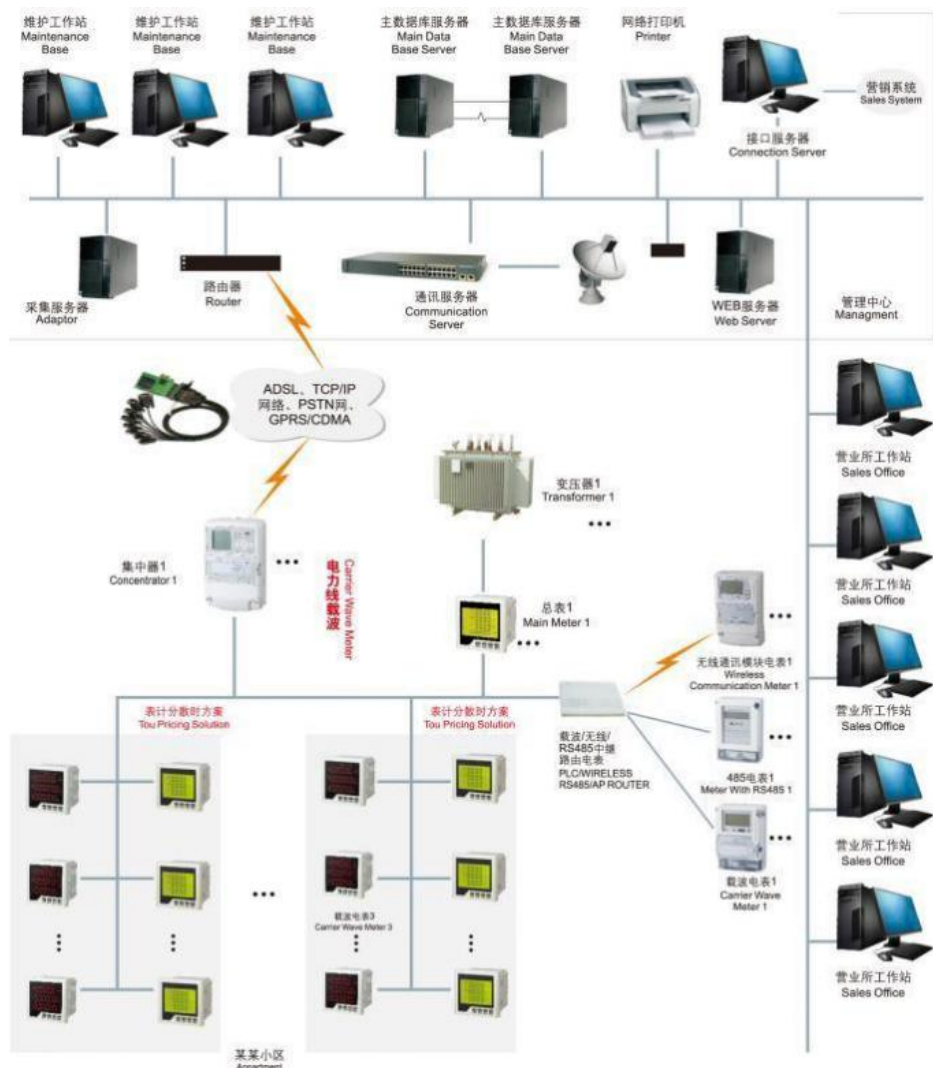
*Support for switching input output analog quantity transmitting output

*Convenient installation wiring is simple small engineering quantity

*A wide range of AC/DC power supply: AC/DC 80V-270V

*To be completed by SCADA PLC in a variety of communications software networking

Typical connection



Residual Current CT

Solid-Core Models	160A (CT517203, Ø=46 mm)	
	400A (CT517403, Ø=80 mm)	
	1000A (CT517603, Ø=120 mm)	
	630A (CT519703, 220x50 mm)	
Split-Core Models	160A (CT553203, Ø=48 mm)	
	225A (CT553303, Ø=68 mm)	
Primary Input	1A (Residual Current) @ 50/60Hz	-
Secondary Output	0.5mA	-
Range	2-500%	-
Accuracy	Class 0.5 (Solid-Core), Class 3 (Split-Core)	-

Split-Core CT

Models	100A (PMC-SCCT-100A-40mA-16-A, Ø=16mm)	
	200A (PMC-SCCT-200A-40mA-24-A, Ø=24mm)	
	400A (PMC-SCCT-400A-40mA-35-A, Ø=35mm)	
	800A (PMC-SCCT-800A-40mA-A, 80x50mm)	
	1600A (PMC-SCCT-1600A-40mA-A, 130x55mm)	
Primary Input	100A/200A/400A/800A/1600A @ 50/60Hz	-
Secondary Output	40mA	-
Range	0.15%-120%In	-
Accuracy	Class 0.5	-

Packaging & Shipping

Packaging Details:

Customized Packing: Header card packing, Blister with card packing, Double blister packing, Canister packing, other packing can be supplied according customers request.

Shipping:

1. By Air or by Sea for batch goods, Airport/ Port receiving;
2. Customers specifying freight forwarders or negotiable shipping methods!

Delivery Detail:
Shipped in 7 days after payment

FAQ

1. When can I receive your quotation and detail information after send the enquiry?
All your enquiry will be replied within 8 hours.

2. Can I get samples before place an order ?
Of course! We also believe that sample order is the best way to prove the quality. And in our company we offer free sample service! Please send the enquiry to us and get the free sample!

3. Can you print our own logo?
Yes, Our company are available for OEM.

4. How long is the quality guarantee?
2-5 years warranty, our products are 100% inspection.

5. How long is the delivery time?
It usually takes about 3-5 working days for sample order, and 10-20 days for official order.

Any more query please contact with us, thank you!



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