



Support Switch Input Intelligent Digital Current Meter for 3 Years After-sales Service

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

Intelligent digital display meter is suitable for power network, automatic control system to measure voltage, current, active power, reactive power, apparent power, power factor, frequency and etc parameters directly displayed via LED or LCD. Advantages: direct display, high accuracy, stable, high isolation, anti-shock and etc. It can provide different extension functions including RS-485 port, switching value input, switching value output, analog conversion output and etc with different sizes. It can replace pointer meters completely.

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: $\pm 0.02\text{Hz}$

信号输入

◆接线方式: 单相、三相四线、三相三线
◆额定电压: AC 57.7V, AC 100V, AC 220V, AC 380V
◆额定电流: AC 1A, AC 5A
◆过负载: 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: $<1\text{VA/相}$, 电流: $<0.4\text{VA/相}$
◆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, AC 220V, AC 380V, AC 100V
◆功耗: $<4\text{VA}$

功能模块

◆通讯接口: 1路RS-485通讯, Modbus-RTU协议
波特率: 1200~9600bps, 默认2400bps
◆开关量输入: 支持4路干结点输入
◆开关量输出: 支持3路继电器输出, 容量:
AC 250V/5A, DC 30V/5A
◆变送输出: 支持1路模拟量输出: 0/4~20mA或
0~5/10V

环境

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

安全

◆绝缘电阻: $>100\text{M}\Omega$
◆交流耐压: AC 2KV
◆静电放电: 4级
◆电快速瞬变脉冲群: 4级
◆浪涌(冲击): 4级

电磁兼容性能

◆静电放电: 4级
◆电快速瞬变脉冲群: 4级
◆浪涌(冲击): 4级

Accuracy of measurement

Voltage level 0.5
Current level 0.5
Active power 0.5
Reactive power level 0.5
Power factor 0.5
Frequency $\pm 0.02\text{Hz}$

Signal input

◆Connection mode of single-phase, three-phase four wire, three phase three line
◆Rated voltage AC 57.7V, AC 100V, AC 220V, AC 380V
◆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: $<0.4\text{VA/phase}$
◆Impedance voltage: $>300\text{mK}\Omega$, current: $<20\text{m}\Omega$
◆The frequency 45~65Hz

Auxiliary power supply

◆Working range of AC/DC 80V~270V, AC 220V, AC 380V, AC 100V
◆Power consumption $<4\text{VA}$

Function module

◆Communication interface 1 way RS-485 communication, Modbus-RTU protocol baud rate: 1200~9600bps, the default 2400bps
◆Switch input: support 4 stem node input
◆The switch output: support 3 relay output, capacity: AC 250V/5A, DC 30V/5A
◆Transmission output: support 3 analog output: 0/4~20mA or 0~5/10V

Environment

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

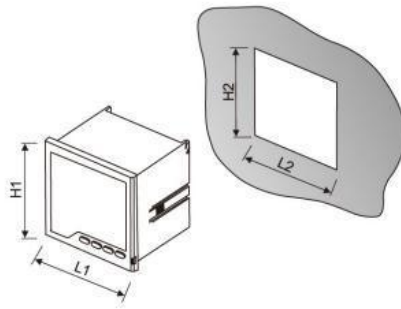
Safety

◆Insulation resistance $>100\text{M}\Omega$
◆AC withstand voltage AC 2KV

Electromagnetic compatibility

◆ESD level 4
◆Electrical fast transient burst level 4
◆Surge(impact) level 4

Outline dimensions:



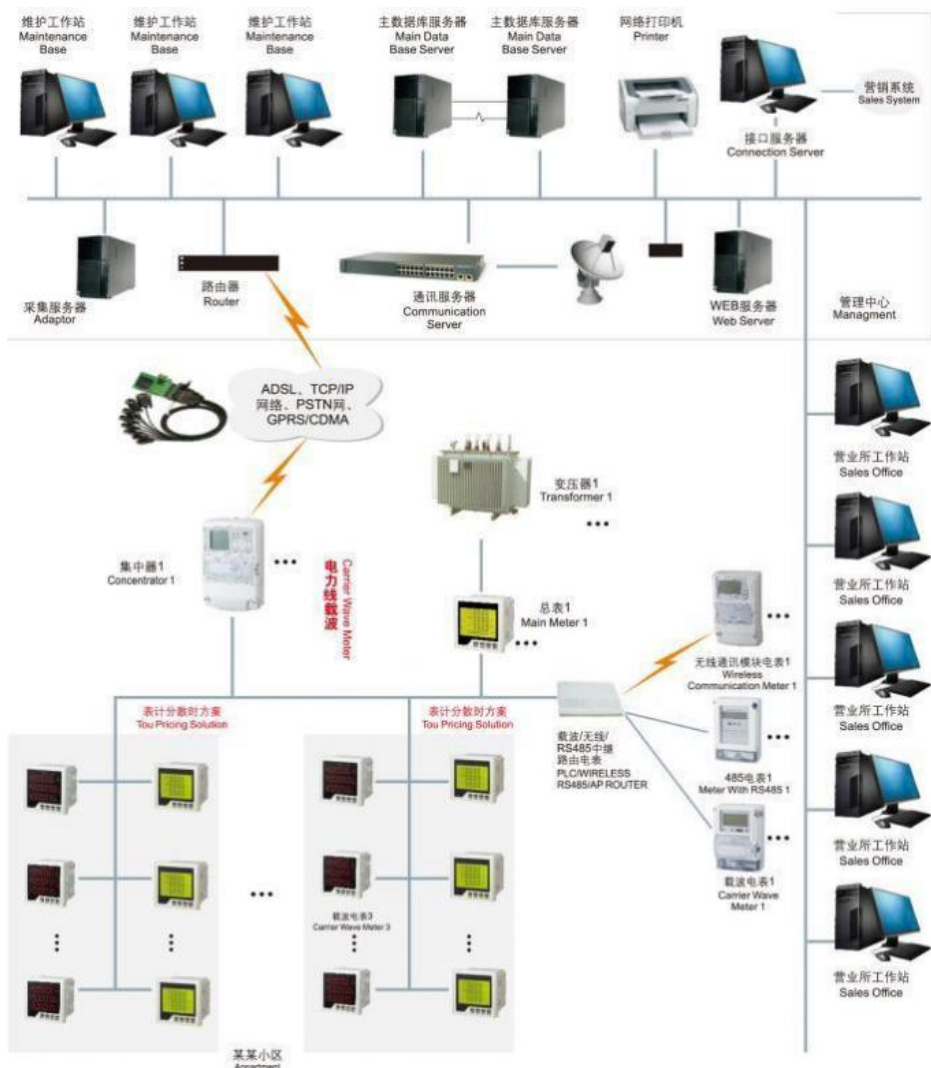
面框尺寸(mm): L1xH1
 开孔尺寸(mm): L2xH2
 Frame size(mm): L1xH1
 Hole size(mm): L2xH2

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:

- 1.High precision measurement of three-phase voltage three-phase current active power reactive power,apparent power,power factor frequency of electric parameters
2. To provide a nixietubeorliquidcrystaldisplay local data query
- 3.Currentand voltage gain programmable settings
- 4.Support forRS-485communicationModbus -RTU protocol
- 5.Support for switchinginputoutputputanalog quantity transmitting output
- 6.Auxiliary power supply:AC/DC80V~270V AC220VAC380VAC100V
- 7.Avariety of shapesto meet the differentreg uirements of the cabinet body electric circuit

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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