

DESCRIPTION

PM-1000 Series digital single phase panel meters adopt alternating current sampling techniques, which enables it to measure voltage, current, Frequency, Power, Power Factor in the grid. It is convenient to install, easy to wire, and simple to maintain, and it is an upgrade product of various types of the pointer header.

FEATURE

- Accuracy class 0.5
- High precision measurement of V, A, Hz, W, PF
- Rated voltage: AC 0-600V, DC 0-1000V
- Rated current: 1A / 5A AC, 0~10A DC
- Frequency: 45~65 Hz
- Auxiliary power supply: AC85-265V & DC100-300V
- Dimension optional: 48x96, 72x72, 96x96

APPLICATION

- For mounting in
 - switchboards
 - machine tools
 - mosaic grid panels
- For measuring
 - AC current or AC voltage,
 - DC current or DC voltage,
 - Frequency,
 - Power,
 - power factor



TECHNICAL SPECIFICATION

Electrical Parameter

Rated voltage	AC 0-600V, DC 0-1000V
Rated current	AC1A / 5A, DC 0-10A
Overload voltage	1.2 times (Continued), 2 times/ second (instantaneous)
Power consumption	voltage: < 1VA / phase current: < 0.4VA / phase
Frequency	45~65 Hz
Auxiliary Power Supply	Working Range AC 220V Power Consumption : <4VA
Accuracy	Class 0.5

Mechanical Parameter

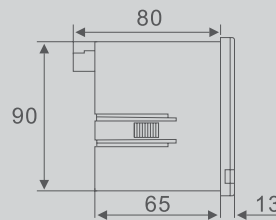
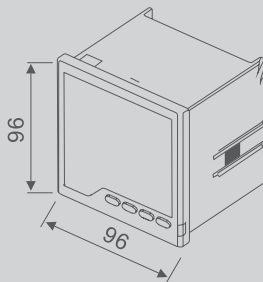
Operating humidity	≤90%
Storage humidity	≤95%
Operating temperature	-25°C~+55°C
Storage temperature	-40°C~+70°C
Reference temperature	23°C~±2°C
Electromagnetic environment	E2
Degree of pollution	2
Protection against of dust and water	IP51
ESD (Electro- Static discharge) level	Class 4
Electrical fast transient burst lever	Class 4
Electricalsurge	Class 4
Height above sea level	≤2000m
Insulation resistance	>100Mohm
Material	Self-extinguishing UL 94 V-0

MODEL AND DIMENSION

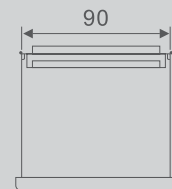
PM-1000 — 

Model	Measurement parameters	Panel size	Display	Auxiliary power supply
PM-1000 Series	V : Voltage A : Current Hz : Frequency W : Power PF : Power Factor	1 : 48x96 2 : 72x72 3 : 96x96	E : LED	AC : AC220V DC : AC85-265V & DC100-300V

Panel Size(mm): 96×96
Hole Size(mm): 91×91

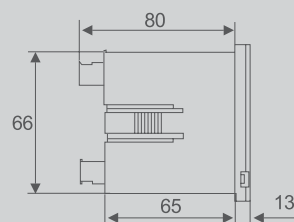
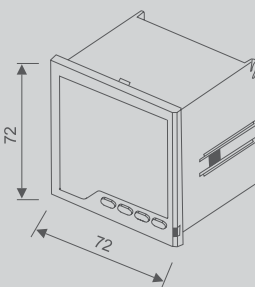


Side View

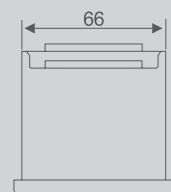


Top View

Panel Size(mm): 72×72
Hole Size(mm): 67×67

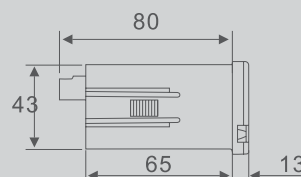
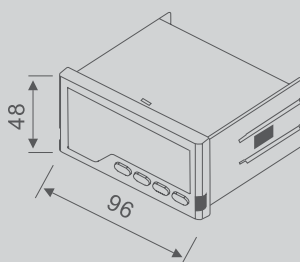


Side View

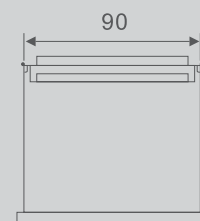


Top View

Panel Size(mm): 96×48
Hole Size(mm): 92×45



Side View



Top View

*Unit in mm.

DESCRIPTION

PM-3000 Series digital three phase panel meters adopt alternating current sampling techniques, which enables it to measure voltage, current, Frequency, Power, Power Factor in the grid. It is convenient to install, easy to wire, and simple to maintain, and it is an upgrade product of various types of the po inter header.

FEATURE

- Accuracy class 0.5
- High precision measurement of V, A, Hz, W, Var, PF
- Rated voltage: AC 0-600V, DC 0-1000V
- Rated current: 1A / 5A AC, 0~10A DC
- Frequency: 45~65 Hz
- Auxiliary power supply: AC85-265V & DC100-300V
- Dimension optional: 120x120, 72x72, 96x96

APPLICATION

- For mounting in
 - switchboards
 - machine tools
 - mosaic grid panels
- For measuring
 - AC current or AC voltage,
 - DC current or DC voltage,
 - Frequency,
 - Power,
 - power factor



TECHNICAL SPECIFICATION

Electrical Parameter

Rated voltage	AC 0-600V, DC 0-1000V
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Mechanical Parameter

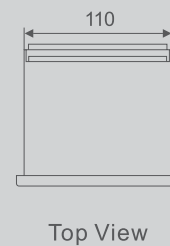
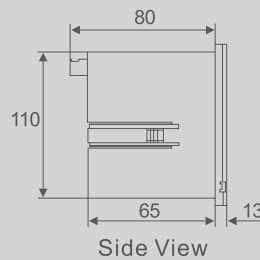
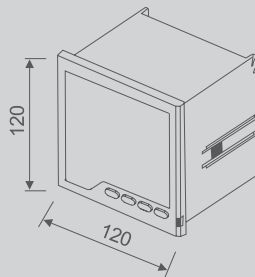
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Electricalsurge	Class 4
Height above sea level	≤2000m
Insulation resistance	>100Mohm
Material	Self-extinguishing UL 94 V-0

MODEL AND DIMENSION

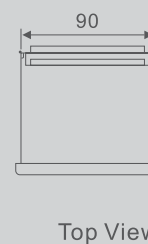
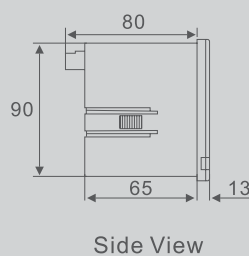
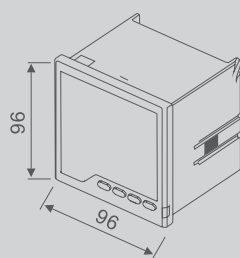
PM-3000 — 

Model	Measurement parameters	Panel size	Display	Auxiliary power supply
PM-3000 Series	V : Voltage A : Current Hz : Frequency W : Power Var : Reactive Power PF : Power Factor	1 : 120x120 2 : 72x72 3 : 96x96	E : LED	AC : AC220V DC : AC85-265V & DC100-300V

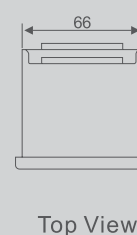
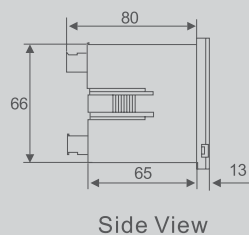
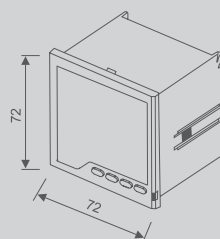
Panel Size(mm): 120×120
Hole Size(mm): 111×111



Panel Size(mm): 96×96
Hole Size(mm): 91×91



Panel Size(mm): 72×72
Hole Size(mm): 67×67



*Unit in mm.