

Electromagnetic Series Moving-iron Type Square Meter



AC Ammeter

**Type: HS-A96-T3 / HS-A72-T3 / HS-A48-T3
HS-A80-T3 / HS-A120-T3**

Specification:

Directly connected type, AC 0.5A~20A, accuracy class 1.5

Directly connected type, AC 30A~100A, accuracy class 2.5

AC 10A~10kA should externally connect a CT of secondary current 1A or 5A, accuracy class 1.5

Advantage:

All the meter dials are screen printed. For different mutual inductor ratios, the corresponding meter dials can be interchanged if the secondary current are same. And the accuracy class is same.



AC Voltmeter

Type: HS-V96-T3 / HS-V72-T3 / HS-V48-T3

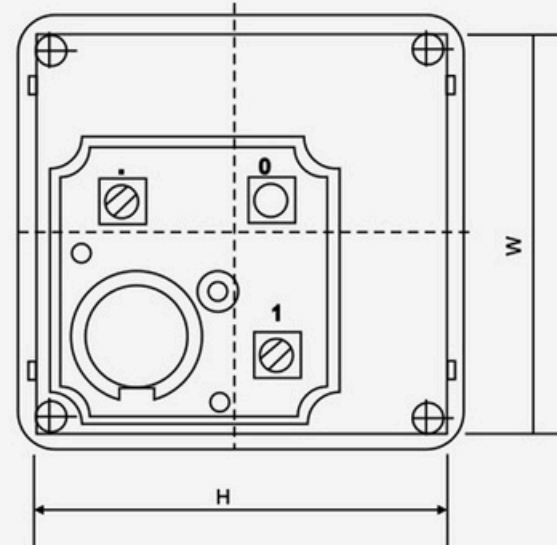
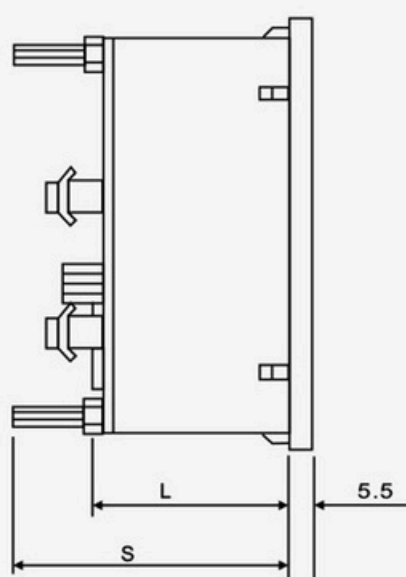
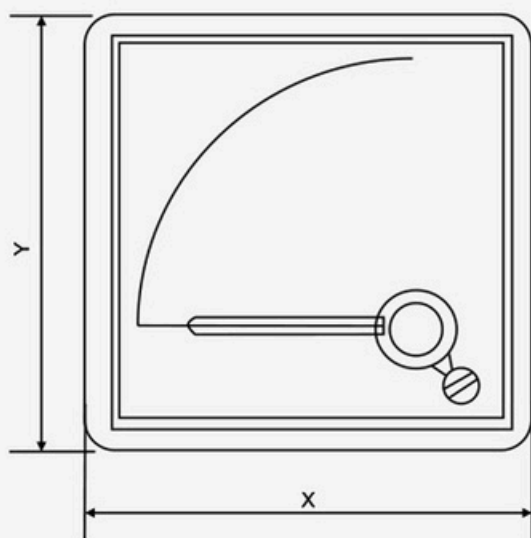
Spefication:

Directly connected type, AC 100V~750V

AC 1kV~35kV should externally connect a PT of secondary voltage 100V

Accuracy class: 1.5

Contour and Installation Drawing of Square Meter



Electromagnetic Series Moving-iron Type Square Meter



AC Ammeter

Type: HS-A96-T6 / HS-A72-T6 / HS-A48-T6

Specification :

Directly connected type, AC 0.5A~20A, accuracy class 1.5

Directly connected type, AC 30A~100A, accuracy class 2.5

AC 10A~10kA should externally connect a CT of secondary current 1A or 5A, accuracy class 1.5

Advantage:

All the meter dials are screen printed. For different mutual inductor ratios, the corresponding meter dials can be interchanged if the secondary current are same. And the accuracy class is same.



AC Voltmeter

Type: HS-V96-T6 / HS-V72-T6 / HS-V48-T6

Specification :

Directly connected type, AC 100V~750V

AC 1kV~35kV should externally connect a PT of secondary voltage 100V

Accuracy class: 1.5

Contour and Installation Size of Square Meter

Type	Installation Size W*H*L(mm)	Contour Size X*Y*S(mm)
HP-96	90*90*43	96*96*67
HP-80	74*74*43	80*80*67
HP-72	66*66*43	72*72*67
HP-48	42*42*43	48*48*67

Magnetoelectric Series Moving-coil Type Square Meter



AC Ammeter

Type: HS-A96-L6 / HS-A72-L6 / HS-A48-L6

Specification :

Directly connected type, AC 0.5A~20A, accuracy class 1.5
Directly connected type, AC 30A~100A, accuracy class 2.5
AC 10A~10kA should externally connect a CT of secondary current 1A or 5A, accuracy class 1.5

Advantage:

All the meter dials are screen printed. For different mutual inductor ratios, the corresponding meter dials can be interchanged if the secondary current are same. And the accuracy class is same.



AC Voltmeter

Type: HS-V96-L6 / HS-V72-L6 / HS-V48-L6

Specification:

Directly connected type, AC 10V~750V
AC 1kV~35kV should externally connect a PT of secondary voltage 100V
Accuracy class 1.5



AC Ammeter

Type: HS-A96-L3 / HS-A72-L3 / HS-A48-L3

Specification:

Directly connected type, AC 0.5A~20A, accuracy class 1.5
Directly connected type, AC 30A~100A, accuracy class 2.5
AC 10A~10kA should externally connect a CT of secondary current 1A or 5A, accuracy class 1.5

Advantage:

All the meter dials are screen printed. For different mutual inductor ratios, the corresponding meter dials can be interchanged if the secondary current are same. And the accuracy class is same.



AC Voltmeter

Type: HS-V96-L3 / HS-V72-L3 / HS-V48-L3

Specification :

Directly connected type, AC 10V~750V
AC 1kV~35kV should externally connect a PT of secondary voltage 100V
Accuracy class 1.5

Square Hz Meter



Hz (Frequency) Meter

Type: HS-F96-3 / HS-F72-3 / HS-F48-3

Voltage: 50V \ 100V \ 220V \ 380V \ 415V \ 440V
Frequency: 45~55Hz \ 45~65Hz \ 55~65Hz
Accuracy class: 1.0



Hz (Frequency) Meter

Type: HS-F96-6 / HS-F72-6 / HS-F48-6

Voltage: 50V \ 100V \ 220V \ 380V \ 415V \ 440V
Frequency: 45~55Hz \ 45~65Hz \ 55~65Hz
Accuracy class: 1.0



Hz /rpm Meter

Type: HS-R96-3 / HS-R72-3

Voltage: 50V \ 100V \ 220V \ 380V \ 415V \ 440V
Frequency: 45~55Hz \ 45~65Hz \ 55~65Hz/rpm
Accuracy class: 1.0



Vibrating Reed Hz (Frequency) Meter

Type: HS-R96 / HS-R72 (single row)

Voltage: 50V \ 100V \ 220V \ 380V \ 415V \ 440V
Frequency: 45~55Hz \ 45~65Hz
Accuracy class: 1.0

Note: this vibrating reed Hz meter is single row horizontal, which is used to measure the frequency of power grid.

Square Power Factor and Power Meter



COS ϕ (Power Factor) Meter

Type: HS-PF96-3 / HS-PF72-3 / HS-PF48-3

Voltage:

Three-phase, 100V \ 220V \ 380V \ 415V \ 440V \ 5A or 1A

Single phase, 100V \ 220V \ 380V \ 415V \ 5A or 1A

Frequency: 45Hz~65Hz

Specification: 0.5cap-1-0.5ind

Accuracy class: 2.5

Advantage:

All the meter dials are screen printed. If it is equipped with mutual inductor, which secondary current is 5A or 1A, then this meter is used in the single phase or three-phase circuits.



COS ϕ (Power Factor) Meter

Type: HS-PF96-6 / HS-PF72-6 / HS-PF48-6

Voltage:

Three-phase, 100V \ 220V \ 380V \ 415V \ 440V \ 5A or 1A

Single phase, 100V \ 220V \ 380V \ 415V \ 5A or 1A

Frequency: 45Hz~65Hz

Specification: 0.5cap-1-0.5ind

Accuracy class: 2.5

Advantage:

All the meter dials are screen printed. If it is equipped with mutual inductor, which secondary current is 5A or 1A, then this meter is used in the single phase or three-phase circuits.



W (Power) Meter

Type: HS-W96-3 / HS-W72-3 / HS-W48-3

Voltage:

Single phase, 100V \ 220V

Three-phase three-wire, 100V \ 220V \ 380V \ 415V \ 440V

Three-phase four-wire, 58V(100V) \ 220V(380V) \ 240V(415V)

All the above voltage are connected directly.

For the higher voltage, it should be equipped with a PT of secondary voltage 100V.

Current: 5A or 1A

For the higher current, it should be equipped with a CT of secondary current 5A or 1A.

Frequency range: 45Hz~65Hz

Accuracy class: 1.5

Note: this meter is internally installed with or externally connected an active or reactive power transverte. It is divided into single phase, three-phase three-wire, three-phase four-wire active and reactive power meters, which is used in the balanced load and unbalanced load circuits.

Square Customized Ammeter



Single structure

Type: HS-M96-

Specification :

To measure the average maximum current value of 8min. or 15 min. or 30 min.

8 min. 5A or 1A

15 min. 5A or 1A

30 min. 5A or 1A

Advantage:

1. to measure and indicate the maximum average load of 8min., 15min., or 30min. It uses the red color pointer to indicate the maximum demand, and the maximum demand indicated pointer can be reset by zero reset button.

2. the meter dials can be replaced: all the meter dials are screen printed. For different mutual inductor ratios, the corresponding meter dials can be interchanged if the input measuring signals are same. And the accuracy class is same.



Dual structure

Type: HS-M96-2

Specification :

To measure the average maximum current value of 8min. or 15 min. or 30 min.

8 min. 5A or 1A

15 min. 5A or 1A

30 min. 5A or 1A

Accuracy class: for demand meter, 3.0

for instantaneous ammeter, 1.5

Advantage:

1. to measure and indicate the maximum average load of 8min., 15min., or 30min. It uses the red color pointer to indicate the maximum demand, and the maximum demand indicated pointer can be reset by zero reset button.

2. the meter dials can be replaced: all the meter dials are screen printed. For different mutual inductor ratios, the corresponding meter dials can be interchanged if the input measuring signals are same. And the accuracy class is same.



Anti-explosion Meter

Type: HS-E96-3 / HS-E72-3 / HS-E48-3

Specification:

AC 10A~10kA should externally connect a CT of second-ary current 1A or 5A

Frequency: 50Hz ~ 60Hz

Accuracy class: 1.5

Power consumption <0.45VA

Advantage:

All the meter dials are screen printed. For different mutual inductor ratios, the corresponding meter dials can be interchanged if the secondary current are same. And the accuracy class is same.