

METERS

H72 & H96 Panel Meter

Standard: IEC60051



Range Presentation

H72 & H96 series is Himel range of panel meters which provides:

- H72T/H72L & H96T/H96L apply to measure the current, voltage or frequency in the AC circuit
- H72C & H96C apply to measure the current or voltage in the DC circuit
- They are mainly used as indicating instrument for high or low-voltage switch cabinet, power supply cabinet, control cabinet and other electric-control facilities in the AC transmission circuit system.

Features

- ◆ 72*72mm dimension for H72 series, while 96*96mm dimension for H96 series;
- ◆ For amperemeter with direct connection, maximum current can reach 50A in AC circuit, while maximum current is 20A in DC circuit;
- ◆ For voltmeter with direct connection, maximum voltage can reach 600V in both AC and DC circuits;
- ◆ Accuracy of amperemeter and voltmeter is class 1.5, and accuracy of frequency meter is class 1.0.

Online Content



H72



H96

Selection Code

Range name	Primary Current / Voltage / Frequency	Connection method
H72	50	A
H72TA: H72 AC Amperemeter H96TA: H96 AC Amperemeter	5: 5A 20: 20A ... 5000: 5000A 10000: 10000A	Default: External transformer connection A: Direct connection (1-20A)
H72LV: H72 AC Voltmeter H96LV: H96 AC Voltmeter	300: 300V 500: 500V 600: 600V	Default: Direct connection (30-600V)
H96CV: H96 DC Voltmeter	300: 300V 500: 500V 600: 600V	Default: Direct connection (3-600V)
H72LHZ: H72 frequency meter H96LHZ: H96 frequency meter	01200V	

Note: • CT must be purchased separately for Amperemeter above 20A

• the last digit of selection code plus WG by default

Technical Parameters	
Panel Meters	H72/H96
Standard	IEC 60051
Dielectric strength test	Frequency 50/60Hz, Voltage 2000V, duration 1 minute
Impact test	Maximum acceleration 147m/s ²
Response time	≤4s
Angular Deflection	90°
Temperature	-25°C ~ +40°C
Humidity	(25%-80%) RH
Environment	No mildew, insects, salt mist, dew, sand and dust are permitted
Installation	Installed vertically
IP Grade	IP42

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- ◆ H72C applies to measure the current or voltage in the DC circuit
- ◆ Mainly be used as an indicating instrument for high or low-voltage switch cabinet, power supply cabinet, control cabinet and other electric-control facilities in the AC transmission circuit system

Order Information

Type	Accuracy rating	Specification	Note	Dimensions (mm)	Reference
Ammeter	1.5	30/5A	ACType External connection transformer 2 times of current overload	72×72×67.5	H72TA30WG
		40/5A		72×72×67.5	H72TA40WG
		50/5A		72×72×67.5	H72TA50WG
		60/5A		72×72×67.5	H72TA60WG
		75/5A		72×72×67.5	H72TA75WG
		80/5A		72×72×67.5	H72TA80WG
		100/5A		72×72×67.5	H72TA100WG
		150/5A		72×72×67.5	H72TA150WG
		160/5A		72×72×67.5	H72TA160WG
		200/5A		72×72×67.5	H72TA200WG
		250/5A		72×72×67.5	H72TA250WG
		300/5A		72×72×67.5	H72TA300WG
		400/5A		72×72×67.5	H72TA400WG
		600/5A		72×72×67.5	H72TA600WG
		800/5A		72×72×67.5	H72TA800WG
		1000/5A		72×72×67.5	H72TA1000WG
		1600/5A		72×72×67.5	H72TA1600WG
Voltmeter	1.5	5000/5A		72×72×67.5	H72TA5000WG
		10000/5A		72×72×67.5	H72TA10000WG
		5A	ACType Direct connection	72×72×67.5	H72TA5AWG
		5A	DCType	72×72×67.5	H72CA5AWG
		300V	ACType	72×72×67.5	H72LV300WG
		500V		72×72×67.5	H72LV500WG
		600V		72×72×67.5	H72LV600WG
		500V	DCType	72×72×67.5	H72CV500WG
		45-55HZ (200V)	ACType	72×72×67.5	H72LHZ01200VWG
Frequency meter	1.0	45-55HZ (200V)	ACType	72×72×67.5	H72LHZ01200VWG

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H96 series panel meter provides

- ◆ H96T/H96L applies to measure the current, voltage or frequency in the AC circuit
- ◆ H96C applies to measure the current or voltage in the DC circuit
- ◆ Mainly be used as an indicating instrument for high or low-voltage switch cabinet, power supply cabinet, control cabinet and other electric-control facilities in the AC transmission circuit system

Order Information

Type	Accuracy rating	Specification	Note	Dimensions (mm)	Reference
Ammeter	1.5	30/5A	AC Type	96×96×67.5	H96TA30WG
		40/5A		96×96×67.5	H96TA40WG
		50/5A		96×96×67.5	H96TA50WG
		60/5A		96×96×67.5	H96TA60WG
		75/5A		96×96×67.5	H96TA75WG
		80/5A		96×96×67.5	H96TA80WG
		100/5A		96×96×67.5	H96TA100WG
		150/5A		96×96×67.5	H96TA150WG
		160/5A		96×96×67.5	H96TA160WG
		200/5A	External connection transformer	96×96×67.5	H96TA200WG
		250/5A		96×96×67.5	H96TA250WG
		300/5A		96×96×67.5	H96TA300WG
		400/5A		96×96×67.5	H96TA400WG
		600/5A		96×96×67.5	H96TA600WG
		800/5A		96×96×67.5	H96TA800WG
		1000/5A		96×96×67.5	H96TA1000WG
		1600/5A		96×96×67.5	H96TA1600WG
		5000/5A		96×96×67.5	H96TA5000WG
		10000/5A		96×96×67.5	H96TA10000WG
		5A	AC Type Direct connection	96×96×67.5	H96TA5AWG
	1.5	5A	DC Type	96×96×67.5	H96CA5AWG
Voltmeter	1.5	300V	AC Type	96×96×67.5	H96LV300WG
		500V		96×96×67.5	H96LV500WG
		600V		96×96×67.5	H96LV600WG
		500V	DC Type	96×96×67.5	H96CV500WG
Frequency meter	1.0	45-55HZ (200V)	AC Type	96×96×67.5	H96LHZ01200VWG

METERS

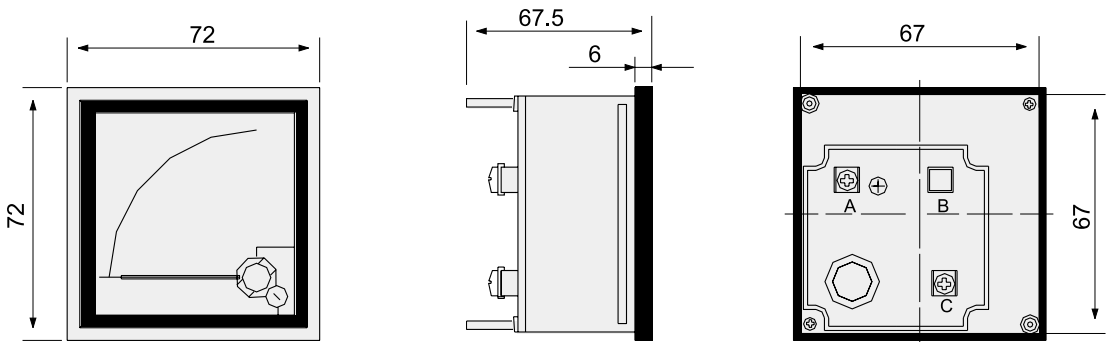
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Overall Dimensions

H72 series panel meter

Unit:mm



H96 series panel meter

Unit:mm

