

Hour run or Elapsed time Meter Din panel, Analog meter



- Front Dimension 96x96mm Or 72x72mm. Or 48x48mm.
- DIN43700, DIN43802, DIN43718, IEC1010, IEC473, IEC51, BS89
- Polycarbonate, self extinguishing and drip-proof per UL94V-0
- Rugged housing-non combustible, plastic-heat resistance.
- Display Range 99999.99
- Hi resolution 0.01
- Indication Cleary Even Power Failure

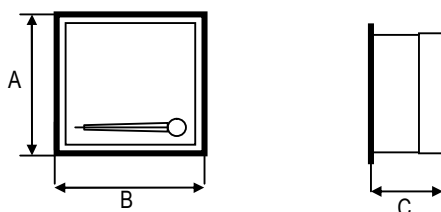
Application

Square panel meters for alternating current system. All panel meters are direct indication of measuring input. They are suitable to use on the distribution panel, control panel, switchboard panel, power plant, mimic board, machines and others.

The instruments has designed for industrial applications which required precise, reliable and robust instruments for the display range and indicating. Elapsed Time Meter or Hours Run Meters use to monitor ON time or RUN time of plant, machine or others equipments to allow user to perform and verify on production efficiency, cost estimate, services period monitoring for preventive maintenance etc. The time measure of 0.01h upto 99999.99 hours.Each measuring instrument is suited for one of the following measuring tasks:

- Hour meter with direct connection 50V, 100V, 220V, 380V, 415V, 440V or request. Frequency operating 50 Hz. or 60 Hz..
- Option DC 24V

Dimension



Size	A	B	C
48x48	48	48	65
72x72	72	72	65
96x96	96	96	65

Ordering Information.

1) Model

H48 Dimension 48x48 mm.
H72 Dimension 72x72 mm.
H96 Dimension 96x96 mm.

2) Input Type

Direct 50, 100, 110, 115, 120, 220, 380, 415V & customize
PT Rated 100,110, 115, 120V & customize Option DC 24V

3) Scale Range

Factory standard range or consult.

4) Operating Frequency

50 Hz.Or 60Hz.*

* please specify when ordering

Example

- 1) H96 Hour Meter Input PT /115V, 50 Hz*
- 2) H48 Frequency Meter Input PT /115V, 60Hz.*

* specify when ordering or consult.

Characteristic

Display

Scale Graduation
Pointer

Electro-mechanic
Numeric display 99999.99 comply with
DIN 43802, parts 2 through 4.

Mechanical Design

Housing Material

Polycarbonate, self-extinguishing and drip-proof
per UL94V-0

Mounting Fasteners

Standard type screw clamp

Scale

Interchangeable scales
Scales may only be replaced under voltage-free
conditions !

Replaceable

Bezels and glass face plates, May only be
replaced under voltage-free conditions!

Terminals

M4 screw terminals with self-lifting terminal clips.
Screws can be turned with standard screw
drivers tool.

Contact Protection

Finger-safe full cover included

Consumption

Voltage Path

3.3VA for direct connection.

Voltage Path

2.0VA for PT Rated.

Ambient Conditions

Operating Temperature

- 20 ... + 55 °C

Storage Temperature

- 40 ... + 70 °C

Relative Humidity

max. 95%

Frequency

45...65Hz.

Compliance with Regulations

Protection

IP 52, front panel, Teminal IP20

Protection

Class 1

Size	48x48	72x72	96x96
Type	H48	H72	H96
Weight	0.20 Kg.	0.30 Kg.	0.45 Kg.
Panel Cutout	43x43 mm.	68x68 mm.	92x92 mm.
Max Voltage	300 V	600 V	600 V
Test Voltage	2.2 kV	3.25 kV	3.25 kV

Wiring Diagram.

