

# HC77

## Combination Hour Meter & Totalizer

### Features

- Dual 7 digit display w/characters magnified to .157" (4mm)
- Low Cost
- Isolation protection to VDE0435.
- AC or DC Voltages



### Description:

This combination meter comprises a running time totalizer and an adding counter with a separate 7 digit display for each. In the standard version, the two meters are connected in parallel; the totalizer counts the number of pulses while the time meter totalizes the connect time. The time meter displays to hundredths of an hour (36 second intervals). A red visual indicator shows that the unit is operating. The unit is supplied with a clamp clip attachment for mounting and 2.16" x 2.16" (55mm) and 2.16" x 2.16" (72 x 72 mm) bezels are available as accessories. On AC models, the main supply (50 or 60 Hz) is used as the frequency standard. On DC models, the frequency is quartz crystal controlled.

### Applications:

- Heating and utility system monitoring
- Machine run time monitoring and maintenance
- Refrigeration systems
- Water treatment equipment
- Compressors
- Industrial washing equipment

### Specifications:

**Termination:** Flat tabs .031 x .250" with screw terminal

**Voltages:** 24, 110, 220 VAC +15%, 50 Hz or 60 Hz

12 to 24, 36 to 80, 110 VDC  $\pm$  10 %

#### Power Consumption:

Appr. 2.5 VA at 220 VAC; Appr. 220 mW at 12 VDC

#### Ambient temperature:

-15° to +50°C on AC; -20° to +60°C on DC

**Environmental Protection:** IP42, DIN 40 050 front

**Hour range:** AC Units: 99999.99 hours

DC Units: 999999.99 hours

**Count range:** 9999999 counts

**Display:** Dual display with characters magnified to 0.157" (4mm) high.

#### Color of Figures:

White on black for hours, red on white for decimal hours  
White on black for totalizing counter.

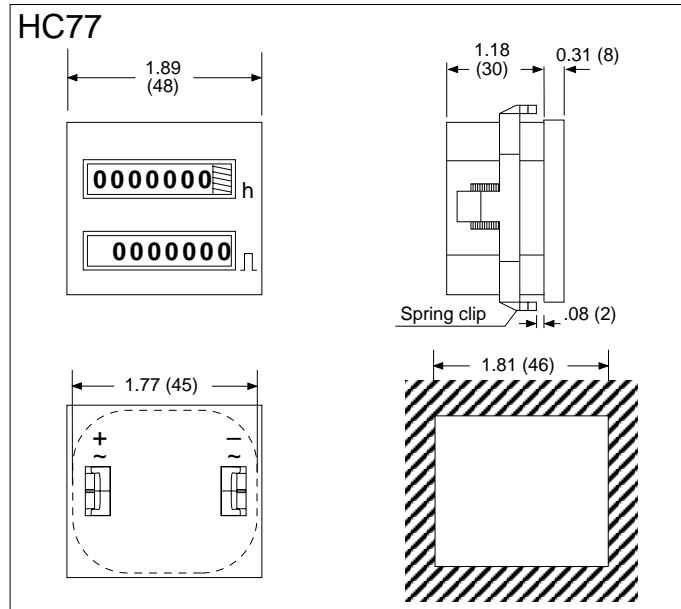
**Color of Housing:** Black

**Operation indicator:** Fast rotating, red

**Weight:** 2.3 Oz. (65g)

**Approvals:** CE Approved, UL Listed; File# E128604

### Dimensions:



### How To Order:

EXAMPLE: HC77 24VAC 60Hz SC

Series \_\_\_\_\_

HC77 = Panel Mount

HC77.55 = Extended 2.16" x 2.16"  
Bezel for 2" diameter cutout

HC77.72 = Extended 2.83" x 2.83"  
Bezel for 2" diameter cutout

Voltages \_\_\_\_\_

12VDC (12 to 24 VDC)

36VDC (36 to 80 VDC)

110VDC (110 VDC  $\pm$  15%)

24V (AC Voltages  $\pm$ 10%)

110V (AC Voltages  $\pm$ 10%)

220V (AC Voltages  $\pm$ 10%)

Frequency (AC units only) \_\_\_\_\_

50 or 60Hz (Specify)

Options: \_\_\_\_\_

SC = Separate Connections