

# 7511 Series

Self-Powered LCD Electronic Timer with Optional High Voltage Input



8-digit liquid crystal display timer, self-powered with a 10-year battery life. A compact LCD timer designed for many applications, screw terminals ensure fast wiring. Features include backlighting (external 5VDC supply required), 4 timing modes, timing direction indication and 9mm high digits. High Voltage (HV) version accepts input voltages of 5-110VDC or 10-240VAC.

## **Key Features**

- Use of the latest CMOS circuitry achieves an expected battery life of 10 years.
- · 9mm black high contrast LCD display.
- Backlight (externally powered) 5VDC.
- Minimum contact closure time 1 second.
- Four timing modes.
- Times up or down.
- External reset input.
- Choice of mounting available front panel with supplied bezel or rear mounting clip.
- Front panel can be sealed to IP65.
- Simplified installation- all models have screw connections on rear for quick and simple connection.
- CE,UL and cUL approved
- 7511HV permits triggering from any voltage between 10-240VAC or 5-110VDC ±10%.



# **Common Specifications**

Battery life 10-years typical

**Display** 8-digit black LCD, 9mm characters with leading zero blanking

**Timing Ranges** Seconds, minutes and seconds; hours and 1/100ths and hours and minutes **Timing Input** Sink signal (NPN) 18VDC maximum threshold 1VDC negative edge trigger

(HV Version) 10 – 240VAC ±10%, 5 – 110VDC ±10%, Opto-Isolated

**Direction Input** Up not connected, down connected to common

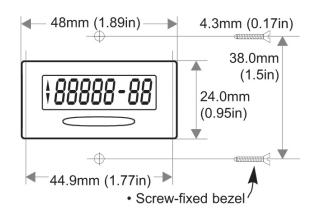
Operating Temp  $-10^{\circ}\text{C to } +60^{\circ}\text{C } [14^{\circ}\text{F to } 140^{\circ}\text{F}]$ Storage Temp  $-20^{\circ}\text{C to } +70^{\circ}\text{C } [-4^{\circ}\text{F to } 158^{\circ}\text{F}]$ 

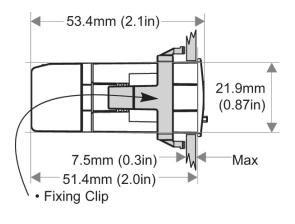
MaterialClear polycarbonateEnvironmental ProtectionIP65 / NEMA 4X

Weight 62g [2.2oz.]
Accuracy (at 25 deg C): +/-0.002%

Temperature drift: 0.034 PPM/deg C
Aging: < 2 PPM/year

## **Dimensions**





Panel cutout 45mm x 22.5mm (1.771" x 0.885")

#### Part Numbers:

7511 - 8-digit Self-powered Totalising Timer

7511HV - 8-digit Self-powered Totalising Timer with High Voltage Input



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