

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

+/-0.002%

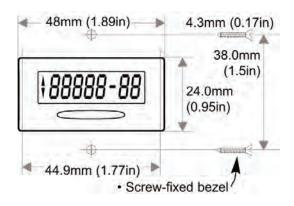
Operating Temp -10°C to $+60^{\circ}\text{C}$ [14°F to 140°F] Storage Temp -20°C to $+70^{\circ}\text{C}$ [-4°F to 158°F]

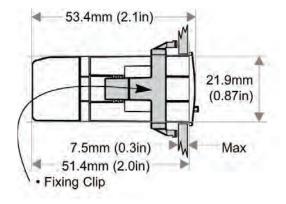
MaterialClear polycarbonateEnvironmental ProtectionIP65 / NEMA 4XWeight62g [2.2oz.]

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

Dimensions

Accuracy (at 25 deg C):





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



