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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

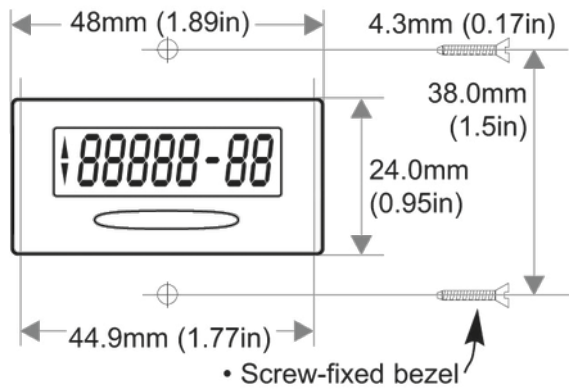
- Use of the latest CMOS circuitry achieves an expected battery life of 10 years.
- 9mm black high contrast LCD display.
- Backlight (externally powered) 5VDC.
- Minimum contact closure time 1 second.
- Four timing modes.
- Times up or down.
- External reset input.
- Choice of mounting available - front 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%.

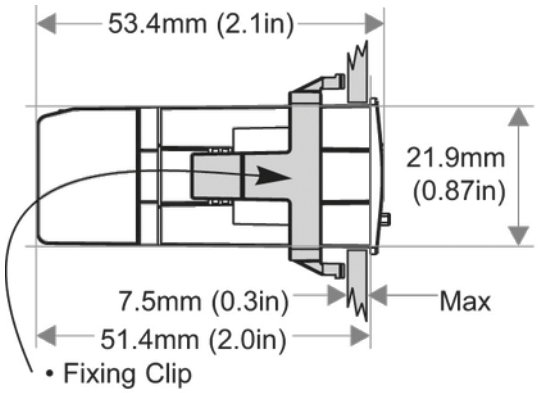
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Common Specifications

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°C to +60°C [14°F to 140°F]
Storage Temp	-20°C to +70°C [-4°F to 158°F]
Material	Clear polycarbonate
Environmental Protection	IP65 / 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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