



## B866 Series Multifunction Timer

A unique combination of versatility and simplicity make the Eagle Signal B866 Series the premiere low cost timing solution. Housed in a compact 1/16 DIN package, changing the set time is as simple as turning a dial.

Selectable time ranges provide preset times ranging from 0.06 seconds to 10 hours. The B866 is also field configurable to operate in On-Delay, Off-Delay, Interval, or Repeat Cycle timing modes. A unique On-Delay/Interval model lets the B866 perform two timing functions in one compact unit. In addition to working as an On-Delay timer, an independent output interval time is provided. The output interval can be set to one of eight time values through DIP switches located on the side of the unit.

An industry standard 11 pin socket connection simplifies wiring and makes replacing existing units quick and easy. The unit can be DIN rail mounted, or with optional hardware, panel mounted. Multiple time ranges allow settings from 0.06 seconds to 10 hours.

Harsh industrial environments are no problem for the B866 Series to survive in the toughest conditions.



- On-Delay, Off-Delay\*, Interval, or Repeat Cycle modes
- Universal power supply accepts 24 - 240 VAC or 24 VDC
- Meets IEC 801 level 4 noise immunity standards
- Industry standard socket connection
- Front panel or DIN rail mounting
- Flexible start and reset input signals
- UL, CUL recognized, CE compliant
- IP54 rated front panel



TIME



COUNT



MEASURE

8:43

DISPLAY

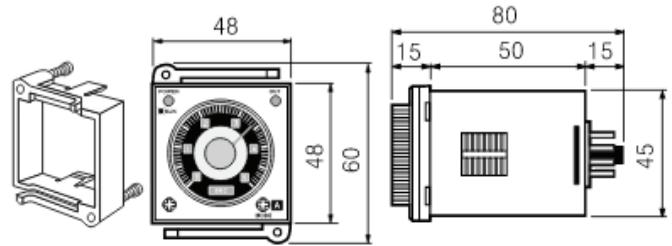


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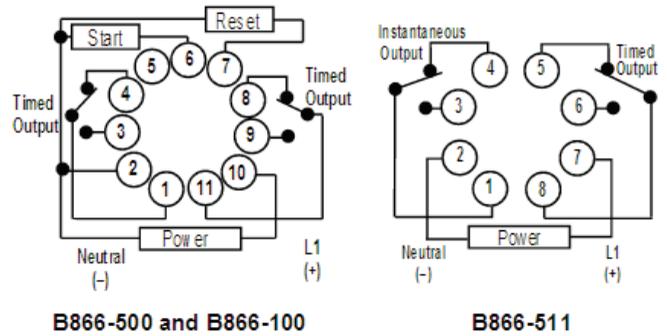
## SPECIFICATIONS

START & RESET	NPN or Dry Contact
OUTPUTS	B866-500 & B866-100: Timed DPDT - 5 amp B866-511: Timed SPDT - 5 amp B866-511: Instantaneous SPDT - 5 amp
DIMENSIONS	48mm x 48mm, 81mm deep
MOUNTING	Panel Mounting in 45 x 45 cutout (requires optional mounting bracket) or DIN rail
WIRING CONNECTION	B866-500 & B866-100: 11 Pin plug in socket B866-511: 8 Pin plug in socket
SUPPLY VOLTAGE	100 - 240 VAC 50/60Hz, and 24 VDC
POWER CONSUMPTION	< 10 VA
TIME RANGES	1, 10 Seconds; 1, 10 Minutes; 1, 10 Hours
OPERATING MODES	On-Delay, Off-Delay, Interval, Repeat Cycle, On-Delay Interval
SETTING ACCURACY	± 5%
REPEAT ACCURACY	± 0.5%
ELECTRICAL SERVICE LIFE	100,000 cycles at full load
MECHANICAL SERVICE LIFE	10 million cycles at min. load
FRONT PANEL RATING	IEC IP65
OPERATING TEMPERATURE	B856-501: 0° to 55° C
STORAGE TEMPERATURE	-40° to 90° C
HUMIDITY	35% to 85% RH non-condensing
WEIGHT	100g (3.5 oz.)
APPROVALS	B866-100, & B866-500: UL, CUL recognized, CE compliant B866-511: UL, CUL recognized

## DIMENSIONS



## WIRING



## ORDERING INFORMATION

### Standard Models

B866-100	Multi-Function Dial Set Timer (11-pin)
B866-500	Multi-Function Dial Set Timer (11-pin)
B856-511	Multi-Function Dial Set Timer (8-pin)

### Accessories

60SR3P06	11 Pin Socket
60SR2P06	8 Pin Socket
B846-A30	Mounting Bracket & Locking Ring