

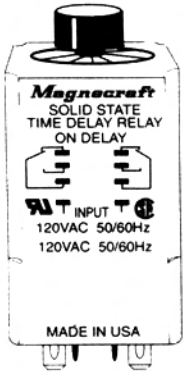
12 AMP ADJUSTABLE TIME DELAY RELAY

CLASS 388 ADJUSTABLE

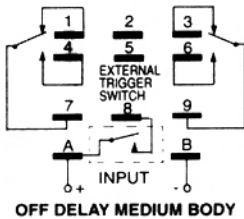
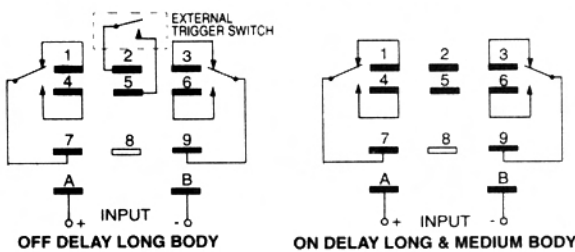
CHOICE OF LONG or MEDIUM BODY
 ± 0.1 % REPEATABILITY
 DPDT, 12 AMP CONTACTS
 FIELD ADJUSTABLE TIMING
 "ON" or "OFF" DELAY FUNCTIONS



SPECIFICATIONS CLASS 388 TIME DELAY RELAYS



WIRING DIAGRAMS FOR ADJUSTABLE STYLE TIME DELAY RELAYS
 Voltage must be applied to terminals "A" & "B" continuously.



THE EXTERNAL TRIGGER SWITCH SHOULD NOT BE CONNECTED TO ANY EXTERNAL LOAD OR VOLTAGE SOURCE. DAMAGE TO INTERNAL COMPONENTS CAN OCCUR.

TIMING

Operating Modes Available: On Delay, Off Delay
 Timing Adjustments Available: .1 to 1 Seconds to 8 to 120 Minutes
 Repeatability: ±0.1% ± 33 mS AC min. or ± 10 mS DC.
 Ⓢ Constant Voltage & Temperature.
 Timing change over temperature and voltage Range: ± 10%
 Timing Tolerance high end: - 0 to + 40%
 Timing Tolerance low end: + 0 to - 40%
 Reset Time: 100 mS Max.

CONTACTS

Contact Configuration: DPDT (2 Form C)
 Contact Rating: 12 Amps @ 120 VAC/28 VDC Resistive
 1/3 HP, 120 VAC, 1/2 HP, 240 VAC
 NEMA B300 Pilot Duty.
 Contact Life: 500,000 Operations @ 120 VAC 12 Amps Resistive Load.
 1,000,000 Operations @ 120 VAC 5 Amps Resistive Load
 2,000,000 Operations @ 120 VAC 2 Amps Resistive Load.
 Mechanical Life: 5,000,000 Operations

INPUT

Temperature Range (Operate): - 30 °C to + 55 °C
 Temperature Range (Storage): - 55 °C to + 85 °C
 Steady State Input Current: 20 mA @ 120 VAC, 60 mA @ 24 VDC,
 20mA @ 48 VDC, 80 mA @ 24 VAC
 15 mA @ 230 VAC, 120mA @ 12 VDC

PROTECTION

Reverse Polarity: DC models only
 Transient: UL 508 Surge test: 5000V for 50 uS (Long Body Only).
 Twice Nominal for 1 Millisecond (Medium Body Only).
 Noise Immunity: NEMA ICS2-230 2500 VAC (Long Body Only).

DIELECTRIC STRENGTH

Coil to Contacts: 2000 V rms
 Across Open Contacts: 1000 V rms

MECHANICAL

Enclosure: Polycarbonate dust cover.
 Mounting: 3/16" Q.C. Terminals. P.C. Available
 Weight: Aprox. 4 oz., 96 grams

| Magnecraft PART NUMBER | NOMINAL INPUT VOLTAGE | TIMING RANGE |
|--------------------------------|-----------------------|--------------------|
| ON DELAY - LONG BODY | | |
| W388ACPSOX-42 | 120 VAC | 0.1 to 10 Seconds |
| W388ACPSOX-44 | 120 VAC | 1.0 to 180 Seconds |
| OFF DELAY - LONG BODY | | |
| W388CPSRX-2 | 24 VDC | 0.1 to 10 Seconds |
| W388CPSRX-4 | 24VDC | 1.0 to 180 Seconds |
| OFF DELAY - MEDIUM BODY | | |
| W388ACPSRX-101 | 120 VAC | 1.0 to 120 Seconds |
| ON DELAY - MEDIUM BODY | | |
| W388ACPSOX-101 | 120 VAC | 1.0 to 120 Seconds |
| OFF DELAY - MEDIUM BODY | | |
| W388CPSRX-23 | 24 VDC | 1.0 to 120 Seconds |
| ON DELAY - MEDIUM BODY | | |
| W388CPSOX-101 | 24 VDC | 1.0 to 120 Seconds |

OUTLINE DIMENSIONS
 Dimensions are Shown In Inches and Millimeter

