

# OCTAL 8 PIN REPEAT CYCLE TIMER

CLASS  
**222**

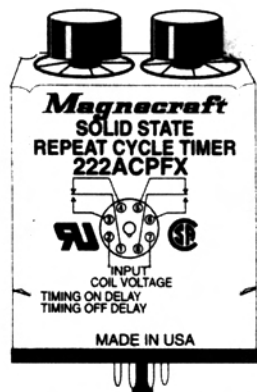
# 10

TIMERS & FLASHERS

**CLASS 222**  
 ± 0.1 % REPEATABILITY  
 DPDT, 10 AMP CONTACTS  
 FIELD ADJUSTABLE ON  
 AND OFF TIME.

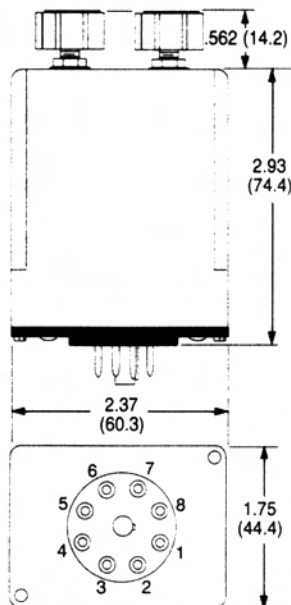
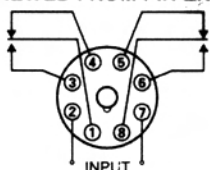


**SPECIFICATIONS CLASS 222 REPEAT CYCLE TIMER**



THE CLASS 222 REPEAT CYCLE TIME DELAY RELAY CAN BE ADJUSTED TO ACHIEVE INDEPENDENT TIME SETTINGS FOR BOTH "ON" AND "OFF" TIMING RANGES.

**WIRING DIAGRAMS VIEWED FROM PIN END**



**8 PIN OCTAL ON-DELAY**

**TIMING**

Operating Modes Available:	Repeat cycle timing only.
Timing Adjustments Available:	0.1 to 1 Sec. to 24 hours
Repeatability (repeat Accuracy when Stabilized):	± 0.1% max. or ± 33 mS AC min. or ± 10 mS DC min. at constant voltage & temperature..
Timing change over temperature and voltage range:	± 10%
Timing Tolerance high end of range:	- 0 to + 40%
Timing Tolerance low end of range:	+ 0 to - 40%
Reset time:	100 Milliseconds Max.

**CONTACTS**

Contact Configuration:	DPDT (2 Form C)
Contact Rating:	10 Amps @ 120VAC/30VDC Resistive Load, 1/2 Hp @ 240 VAC, 1/3 Hp @ 120 VAC, NEMA B300 Pilot Duty.
Contact Life:	500,000 Operations @ 120VAC, 10Amp resistive Load. 1,000,000 Operations @ 120 VAC 5 Amp Resistive Load 2,000,000 Operations @ 120VAC 2 Amps Resistive Load.
Mechanical Life:	50,000,000 Operations.

**INPUT**

Temperature Range (Operate):	- 30 °C to + 55 °C
Temperature Range (Storage):	- 55 °C to + 85 °C
Steady State Input Current:	25 mA @ 120 VAC, 45 mA @ 24 VDC, 24 mA @ 48 VDC 85 mA @ 24 VDC, 25 mA @ 230 VAC.

**PROTECTION**

Reverse Polarity:	DC models only
Transient:	UL 508 Surge test: 5000V for 50 uS
Noise Immunity:	NEMA ICS2-230 2500VAC

**DIELECTRIC STRENGTH**

Coil to Contacts:	1500 V rms
Across Open Contacts:	1000 V rms

**MECHANICAL**

Enclosure:	Polycarbonate dust cover.
Mounting:	Standard 8 Pin Octal
Weight:	5 oz. (132 grams)

Magnecraft PART NUMBER	NOMINAL INPUT VOLTAGE	TIMING RANGE "ON" (T1) TIMING	TIMING RANGE "OFF" (T2) TIMING
<b>REPEAT CYCLE</b>			
W222ACPFX-11	120 VAC	0.1 to 10 Seconds	0.1 to 10 Seconds
W222ACPFX-16	120 VAC	3 to 300 Seconds	3 to 300 Seconds
W222ACPFX-27	120 VAC	2 to 30 Minutes	2 to 30 Minutes

OTHER VOLTAGES AND TIMING RANGES AND AVAILABLE THRU SPECIAL ORDER.