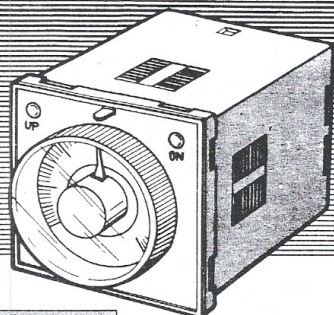


GOLDTIMER

INSTRUCTIONS

NEW

ZAS TIMER



FEATURES

1. CMOS IC employed CR oscillation type assures high repeat accuracy and voltage accuracy.
2. Easy-to-monitor LED lamp indicates power on and time up.
3. Standard output contacts are Time-Delayed Contact 1C and Instantaneous Contact 1C.

NOMENCLATURE BREAKDOWN

ZAS - A NA

A: Number of pins
08: 8 pins

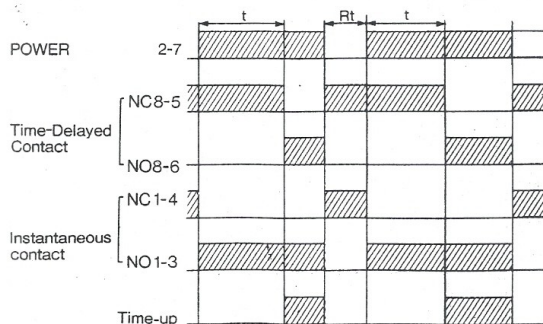
RATINGS

Rated voltage	DC 12, 24, 48, 100V AC 24V, 100/110V, 200/220V, 50/60Hz
Operation voltage range	85 to 110% rated voltage 12V DC type: 90 to 110% rated voltage
Power consumption	AC: approx. 2 VA DC: approx. 1.9 W
Control output (Contact)	120VAC 5A $p \cdot f = 1$ (resistive load) 30VDC 5A (resistive load)
Ambient temperature	operating: -10~50°C
Humidity	45~85% RH

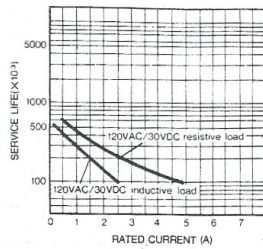
CHARACTERISTICS

Repeat Accuracy	$\pm 1\%$
Resetting time	200ms max.
Variation due to voltage change	$\pm 2\%$ max.
Variation due to temperature change	$\pm 5\%$ max.
Dielectric strength	1500VAC, 50/60Hz for 1minute. (between control pin and output pin) 750VAC, 50/60Hz for 1minute. (between normal open and normal close contact)
Vibration	Mechanical durability: 10~55Hz 0.75 mm double amplitude Malfunction durability: 10~55Hz 0.5 mm double amplitude
Shock	Mechanical durability: 1,000 m/s ² (approx. 100G) Malfunction durability: 100 m/s ² (approx. 10 G)
Service life	Mechanically: 10,000,000 operations min. Electrically: 100,000 operations min. (at operating frequency of 1800 operations/hour)
Weight	approx. 100g

TIMING CHART



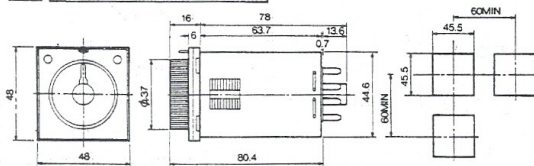
ELECTRICAL SERVICE LIFE CURVE



TIME RANGE

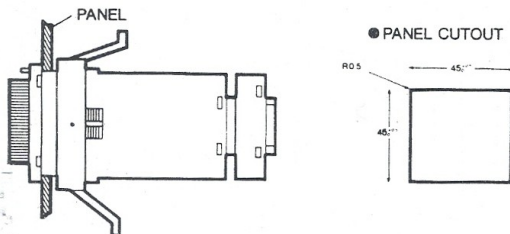
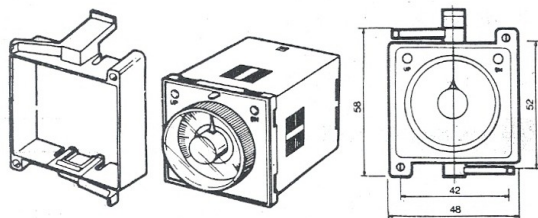
Rated time	Time setting range
1S	0.1S ~ 1.2S
5S	0.5S ~ 5S
10S	1S ~ 10S
30S	4S ~ 40S
1 min	0.1 min ~ 1.2 min
5 min	0.5 min ~ 5 min
10 min	1 min ~ 10 min
30 min	4 min ~ 40 min
1 hour	0.1 hour ~ 1 hour
5 hour	0.5 hour ~ 5 hour
10 hour	1 hour ~ 10 hour

DIMENSIONS



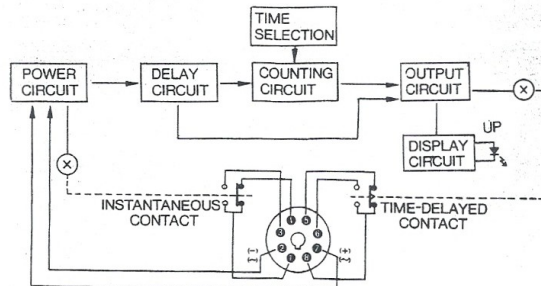
HOLDER DIMENSION & APPLICATION

* Holder is used for panel mounting.



CONNECTION DIAGRAM

- TIME-DELAYED CONTACT 1C
- INSTANTANEOUS CONTACT 1C



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