

SHINOHAWA

MULTI RANGE DIGITAL TIMER AH5C-N



CHARACTERISTICS

- Exclusive CMOS IC assures high performance stability, and accuracy.
- Output contact: Time delay contacts 1C(DPDT) 3A.
- Time setting range 99.99S~99H99M selectable by Front Panel.
- MINIATURE DIN-SIZE (48x48mm).

TIME RANGE

Timing range	Time setting range
Front panel selectable	0.01S~99.99S 1M~99M99S 1M~99H99M

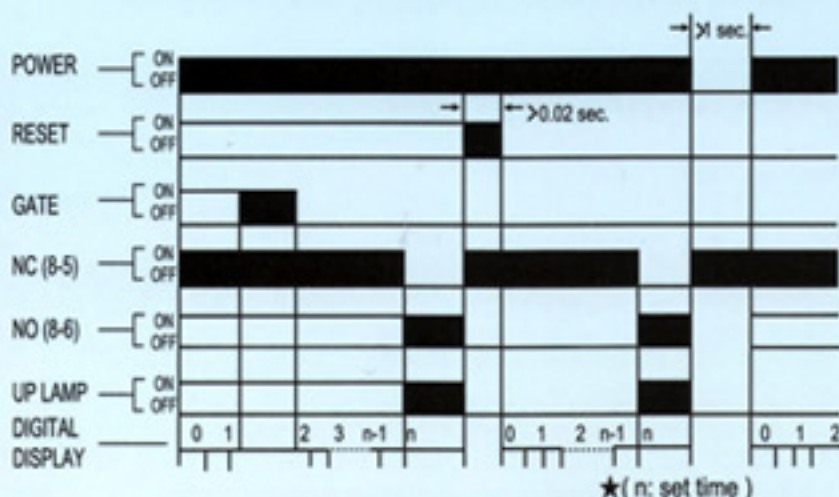
SPECIFICATIONS

REPEAT ACCURACY	Less than $\pm 1\%$ of full scale	
EFFECT OF VOLTAGE	$\pm 0.05\text{sec.}$	
EFFECT OF TEMP	Less than $\pm 2\%$ at 20°C	
SETTING ACCURACY	$\pm 5\%$ \pm Power frequency error	
RESET TIME	Less than 0.5sec.	
INSULATION RESIS	50M Ω . min (at AC 500v)	
DIELECTRIC	AC 2000V one Min.	
WEIGHT	Approx. 250g DC. 300g AC.	
SHOCK RESISTANCE	Incorrect operations 10G.	
LIFE	MECHANICAL	5,000,000 operations.
	ELECTRICAL	100,000 operations at rated load.

OPERATING VOLTAGE	AC 85-100% of rated voltage. DC 80-110% of rated voltage.
RATED VOLTAGE	AC 110V, 220V, 240V, 50/60Hz DC 12V, 24V
CONSUMED POWER	AC: 3VA DC: 2W About 3VA for AC. About 2W for DC.
CONTACT RATING	AC 250V 3A (p.f. = 1)
AMBIENT TEMP	$-10^\circ\text{C} \sim +50^\circ\text{C}$
AMBIENT HUMIDITY	45~85% RH



OPERATION TIME CHART



CONNECTION DIAGRAM

