

TIMER

■ Features:

- Using CMOS IC, Accurate and stable operation.
- High repeat accuracy $\pm 1\%$.
- Short resetting time-100 msec. ax.
- Two LED's provides status indication, for power ON and time UP.
- Wide variety of type-14 time ranges. (0.1 sec. to 10 hrs.)
- Standard surface mounting could be easily converted into flush mounting by adding a special adaptor. (Type Y-40)

■ Available Types

MOUNTING	Surface Mounting	AH3-1	AH3-2	AH3-3
	Flush Mounting	with Y-40	with Y-40	with Y-40
CONTROL OUTPUT	Time-limit contact	SPDT (5A)	DPDT (5A)	SPDT (5A)
	Instantaneous contact	---	---	SPST-NO (5A)
Connection & Timing Chart		①	②	③

■ Specifications

OPERATING VOLTAGE	AC: 85-110% DC: 80-110% AC 85-110% of rated voltage. DC 80-110% of rated voltage.
RATED VOLTAGE	AC 110V, 220V, 240V, 50/60Hz. DC 12V, 24V
CONSUMED POWER	AC: 2VA DC: 2W About 2VA for AC. About 2W for DC.
CONTROL METHOD	Time-limit operation Self-resetting.
CONTACT RATING	AC 120V 5A.(p.f. = 1)
AMBIENT TEMP	-10°C ~ +55°C
AMBIENT HUMIDITY	45 ~ 85% RH

■ Characteristics

REPEAT ACCURACY	Less than $\pm 1\%$ of full scale.	
EFFECT OF VOLTAGE	Less than $\pm 1.0\%$	
EFFECT OF TEMP.	Less than $\pm 2\%$ at 20°C.	
SETTING ACCURACY	Less than $\pm 10\%$ of full scale.	
RESET TIME	Less than 0.1 Sec.	
INSULATION RESIS.	Over 50M.Ω (DC500V)	
DIELECTRIC	AC 2000V one Min.	
WEIGHT	Approx. 160G.	
SHOCK RESISTANCE	Incorrect operate 10G.	
LIFE	MECHANICAL	5,000,000 operations.
	ELECTRICAL	100,000 operations at rated load.
VIBRATION RESISTANCE	Incorrect operate 10-55Hz 0.3mm. Durability 10-55Hz 0.5mm.	



■ Time Range

Rated time	Time setting Range	Operating Voltage
1S	0.15 - 1S	DC 12V
3S	0.35 - 3S	
6S	0.65 - 6S	
10S	1S - 10S	DC 24V
30S	3S - 30S	
60S	6S - 60S	AC 110V 50/60Hz
3M	10S - 180S	
6M	20S - 6M	
10M	30S - 10M	AC 120V 50/60Hz
30M	2M - 30M	
60M	3M - 60M	AC 220V 50/60Hz
3H	10M - 3H	
6H	20M - 6H	
10H	30M - 10H	AC 240V 50/60Hz

■ Type ■ Connection Diagram ■ Operation Time Chart

