

**- Suffix code**

Model	Code	Information
MA4N-		Analog multi timer (48 X 48 mm)
Device selection	A	2c (time limit) ※11 pin type
	B	2c (time limit+ constantaneous) ※11pin type.
	C	2c (time limit), 2c (time limit+ constantaneous) ※ processed by mode selection (8pin type)
Power supply voltage		24 - 240 V AC/DC (50 - 60 Hz) (dual usage)

**- Specification**

Model		MA4N-A	MA4N-B	MA4N-C
Power Supply voltage		24 - 240 V a.c / d.c 50 - 60 Hz		
Voltage regulation		±10 % from supply voltage		
Power consumption		5.3 VA (240 V a.c), 2.5 W (240 V d.c)		
Resetting time		Max. 0.1 sec		
Min Signal length	START Input	Min. 20 ms		-
	INHIBIT Input			
	RESET Input			
Input condition	START Input	Non voltage Input Impedance in a short circuit : Max. 2 kΩ Residual voltage in a short circuit : Max. 0.7 V d.c Impedance in open : Min. 100 kΩ		-
	INHIBIT Input			
	RESET Input			
Output		Time Limit 2c	Time Limit 1c Instautaneous 1c	Time Limit 2c Time Limit 1c Instautaneous 1c
		N.O : 10 A 125 V a.c, 5 A 250 V a.c, 5 A 30 V d.c N.C : 3 A 125 V a.c, 2 A 250 V a.c, 1 A 30 V d.c		
Setting error		Max. ± 5 % ± 0.05 sec -		
Repeat error		Max. ± 0.3 %		
Temperature error		Max. ± 2 %		
Insulation resistance		Min. 100 MΩ (Base on 500 V d.c)		
Dielectric strength		2000 V a.c 50 / 60 Hz for 1 min.		
Impulse voltage		± 2000 V Max.		
Vibration	Mechanical Resistance	10 - 55 Hz double amplitude 0.75 mm		
	Malfunction durability	10 - 55 Hz double amplitude 0.5 mm		
Shock	Mechanical Resistance	300 m/s <sup>2</sup> (Approx. 30 G)		
	Malfunction durability	100 m/s <sup>2</sup> (Approx. 10 G)		
Life	Mechanical	Over 10 million operations (Open & Short frequency : 180 / min)		
	Electrical	Over 100,000 (250 V a.c 3 A load resistance)		
Terminal type		Socket type 11 pin		Socket type 8 pin
Ambient temperature		-10 ~ 55 °C (With no condensation)		
Conservation temperature		-20 ~ 65 °C (With no condensation)		
Ambient humidity		35 ~ 85 %R.H.		
Weight		About 100g (Including fixing bracket)		