

Multirange timer with independent on and off times from 0.05 sec. to 60 hours each

- Timing ranges 0.05 sec to 60 hours
- 16 timing ranges, front panel selectable
- Indications for time range, output status and power on
- DPCO output relay
- Easy-set dual concentric knob
- Independent on/off time units
- 48-DIN
- Plug-in octal base
- Sockets available for panel, surface or rail mounting
- Approved by standards: UL and CSA

New Models



Ordering code

TA8 – TA 24 V AC / DC

TA8 – TA 100 – 240 V AC

Specifications

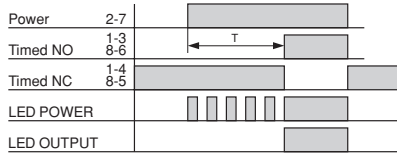
Timing ranges (selectable)

Calibrated timing range	Controlled timing range			
	Time unit: 0.1 sec.	Time unit: sec.	Time unit: min.	Time unit: hrs.
0-6	0.05-0.6 sec.	0.5-6 sec.	0.5-6 min.	0.5-6 hr.
0-12	0.1-1.2	1-12	1-12	1-12
0-30	0.25-3	2.5-30	2.5-30	2.5-30
0-60	0.5-6	5-60	5-60	5-60

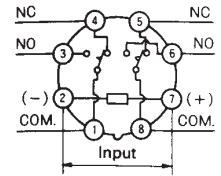
Repeat accuracy	±0.3% at max. setting time
Max. switching frequency	1800 times/hour
Allowable ambient temperature	-10°C to +55°C (Avoid icing)
Mechanical life	20 million operations or more
Electrical life	100,000 operations or more at 250 V AC 5A resistive load
Allowable operating voltage range	0.85 to 1.1 times input voltage (0.9 to 1.1 at 55°C)
Contact ratings	5A at 250 V AC resistive load
Power consumption	10VA at 240 V AC
Supply frequency	50/60 Hz
Dielectric strength	2,000 V AC rms. 1 min. between current carrying part and non current carrying part
	2,000 V AC rms. 1 min. between output contacts and control circuit
	1,000 V AC rms. 1 min. between open contacts
Insulation resistance	100 MΩ or more at 500 V DC megger
Vibration	Mechanical durability: 10 to 55Hz, 0.75mm double amplitude
	Malfunction durability: 10 to 55Hz, 0.5mm double amplitude
Shock	Mechanical durability: 500m/S ² (Approx. 50G)
	Malfunction durability: 100m/S ² (Approx. 10G)

Timing and wiring diagrams

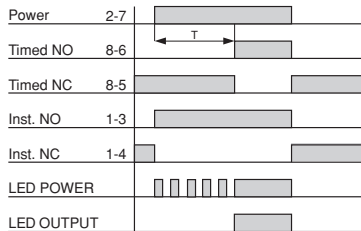
TA8-A



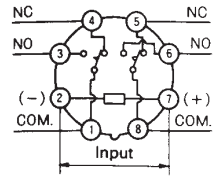
- When power is applied, the NO timed contacts make after the set time has elapsed.
- When power is removed the timer resets.



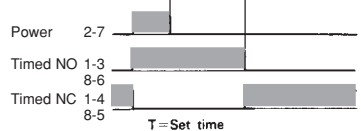
TA8-SA



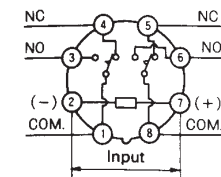
- Timed contact**
When power is applied, the NO contact makes after the set time has elapsed. When power is removed, the timer resets.
- Instantaneous contact**
When power is applied, the NO contact makes instantly. When power is removed, the timer resets.



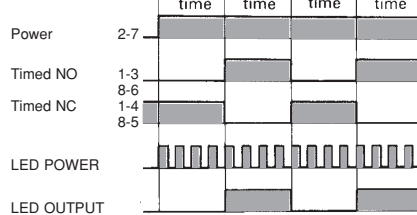
TA8-DA



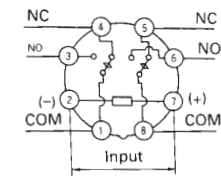
- When power (2-7) is ON, the NO timed contacts (1-3, 8-6) are instantly closed. When power is OFF, they are opened after the set time has elapsed.



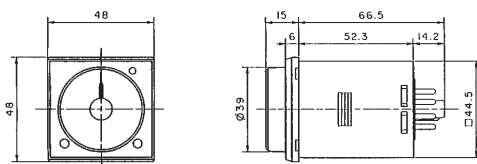
TA8-TA



- When power (2-7) is ON, the NO (1-3, 8-6) and the NC (1-4, 8-5) timed contacts are alternately closed to repeat the ON-OFF operations.
- When power is OFF the timer resets.

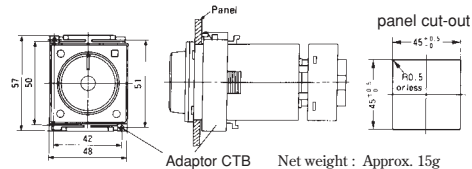


Dimensions (mm)



Net weight : Approx. 100g

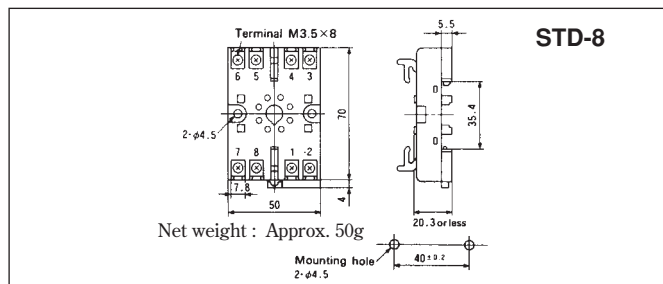
Flush mounting



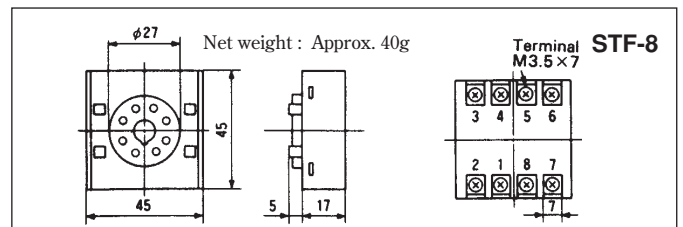
Note: For flush mounting, an adaptor CTB is required (sold separately).
When ordering, specify the adaptor type.

Sockets

Surface/track mounting – screw terminal



Flush mounting – screw terminal



Flush mounting – solder terminal

