Electronic On-Delay Timers TA8-A/TA8-SA



New short body on-delay timers, with 16 ranges selectable from front panel. Plug-in or panel mounting

- Timing ranges 0.05 secs to 60 hours
- 16 ranges, front panel selectable
- DPC0 timed contacts or SPC0 timed plus SPC0 instantaneous contact versions
- New scale ranges for ease of time setting
- Instantaneous output with dial set at 0
- Improved resistance to electromagnetic interference
- Indicators for time range, time up and power on/timing
- 48-DIN
- Plug-in octal base
- Sockets available for panel, surface or DIN rail mounting
- Approved by standards: UL and CSA

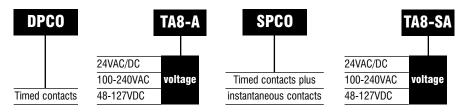








Options and ordering codes



Specification

Timing ranges (selectable)

Calibrated range – selected using screw in bottom left corner of front panel	Controlled timing range. Time Time unit: 0.1 sec.	e unit selectable using the scr Time unit: sec.	ew in the bottom right hand co Time unit: min. 	rner of the front panel Time unit: hrs.
0–6	0.05-0.6 secs.	0.5–6 secs.	0.5–6 mins.	0.5–6 hrs.
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		
Reset time	0.1 sec or less		
Max. switching frequency	1800 times/hour		
Allowable ambient temperature	-10°C to +55°C (Avoid ice on timer)		
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 AC, 1W at DC		
Supply frequency AC types	50/60 Hz		
	2,000 V AC rms. 1 min. between current carrying part and non current carrying part		
Dielectric strength	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		
Vibration	Malfunction durability: 10 to 55Hz, 0.5mm double amplitude		
Charle	Mechanical durability: 500m/s² (Approx. 50G)		
Shock	Malfunction durability: 100m/s² (Approx. 10G)		

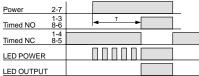
www.imopc.com TA8-A/TA8-SA/03/03

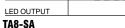
Electronic On-Delay Timers TA8-A/TA8-SA continued

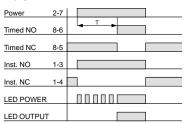


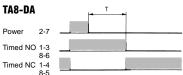
Timing and wiring diagrams

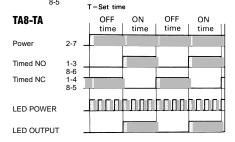
TA8-A



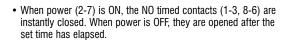


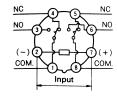






- When power is applied, the NO timed contacts make after the set time has elapsed.
- · When power is removed the timer resets. COM
- · Timed contact
 - When power is applied, the NO contact makes after the set time has elapsed.
 - When power is removed, the timer resets.
- · Instantaneous contact
 - When power is applied, the NO contact makes instantly. When power is removed, the timer resets.

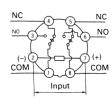




Input

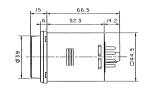
COM

- 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
- · When power is OFF the timer resets.



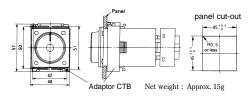
Dimensions (mm)





Net weight: Approx. 100g

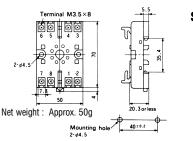
Flush mounting



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

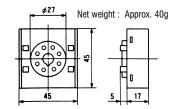
Sockets

Surface/track mounting - screw terminal



STD-8

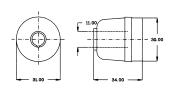
Flush mounting - screw terminal



Termina M3.5×7	,
3 4 5 6	
 2 1 8 7 8 8 9	

STF-8

Flush mounting - solder terminal



ZSV8