

Electronic Timer - Series Micon® 225

Asymmetric ON-OFF Timer

- Compact 22.5mm Wide
- Can be configured to Switch ON or Switch OFF first
- Independent settings for ON & OFF time
- Wide Time Range
- LED Indications for Power and Relay status

Star Delta Timer

- Settable Start Time
- Settable Pause Time
- Indications for Star & Delta
- Excellent Noise Immunity to the latest IEC standards



Cat. No.		2AADT5	2ASDT0
Parameters			
Timer Description		Asymmetric Timer	Star Delta Timer
Mode		Asymmetric ON-OFF (A), Asymmetric OFF-ON (B)	Star Delta
Functional Diagram			
Supply Voltage (Φ)		24 - 240 VAC/DC	
Supply Variation		- 20% to +10% (of Φ)	
Frequency		50/60 Hz	
Power Consumption (Max.)		4 VA	
Timing Ranges		0.1s to 10h	3s to 120s
Pause Time (P)		N A	60ms, 90ms, 120ms, 150ms
Reset Time		200 ms (Max.)	
Setting Accuracy		± 5% of Full scale	
Repeat Accuracy		± 1%	
Output	Relay Output	2 C/O	
	Contact Rating	5A @ 240 VAC / 28 VDC (Resistive)	
	Electrical Life	1x10 ⁵	
	Mechanical Life	1x10 ⁷	
Utilization Category		AC - 15 DC - 13 Rated Voltage (Ue): 120/240 V, Rated Current (Ie): 3.0/1.5 A Rated Voltage (Ue): 24/125/250 V, Rated Current (Ie): 2.0/0.22/0.1 A	
Operating Temperature		-15°C to +60°C	
Storage Temperature		-20°C to +80°C	
Humidity (Non Condensing)		95% (Rh)	
LED Indication		Green LED → Power ON, Red LED → Relay ON	Red LED 1 → 'Λ' ON, Red LED 2 → 'Δ' ON
Enclosure		Flame Retardant UL94-V0	
Dimension (W x H x D) (in mm)		22.5 X 75 X 100.5	
Weight (unpacked)		130 g	
Mounting		Base / DIN Rail	
Certification			
Degree of Protection		IP 20 for Terminals, IP 40 for Enclosure	
EMI / EMC			
Harmonic Current Emissions		IEC 61000-3-2	
ESD		IEC 61000-4-2	
Radiated Susceptibility		IEC 61000-4-3	
Electrical Fast Transients		IEC 61000-4-4	
Surges		IEC 61000-4-5	
Conducted Susceptibility		IEC 61000-4-6	
Voltage Dips & Interruptions (AC)		IEC 61000-4-11	
Voltage Dips & Interruptions (DC)		IEC 61000-4-29	
Conducted Emission		CISPR 14-1	
Radiated Emission		CISPR 14-1	
Environmental			
Cold Heat		IEC 60068-2-1	
Dry Heat		IEC 60068-2-2	
Vibration		IEC 60068-2-6	
Repetitive Shock		IEC 60068-2-27	
Non-Repetitive Shock		IEC 60068-2-27	

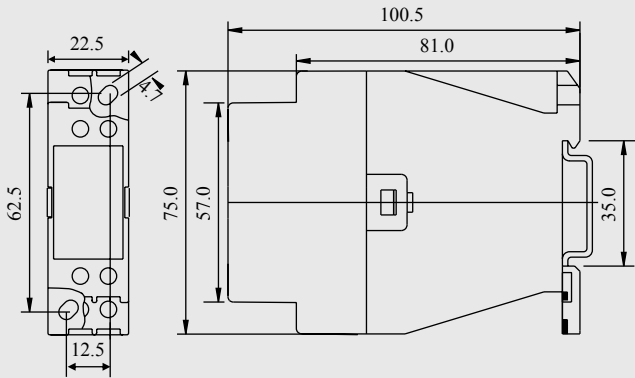
ORDERING INFORMATION

Cat. No.	Description
2AADT5	24 - 240 VAC/DC, Asymmetric ON/OFF Timer, 2 C/O
2ASDT0*	24 - 240 VAC/DC, Star Delta Timer, 1 NO (Star) + 1 NO (Delta)
2ASDT1	24 - 240 VAC/DC, Star Delta Timer, 1 NO (Star) + 1 NO (Delta)
2BSDT0*	240 - 415 VAC, Star Delta Timer, 1 NO (Star) + 1 NO (Delta)
2BSDT1	240 - 415 VAC, Star Delta Timer, 1 NO (Star) + 1 NO (Delta)

*Note: Product with test voltage between input and output at 1.5 kV

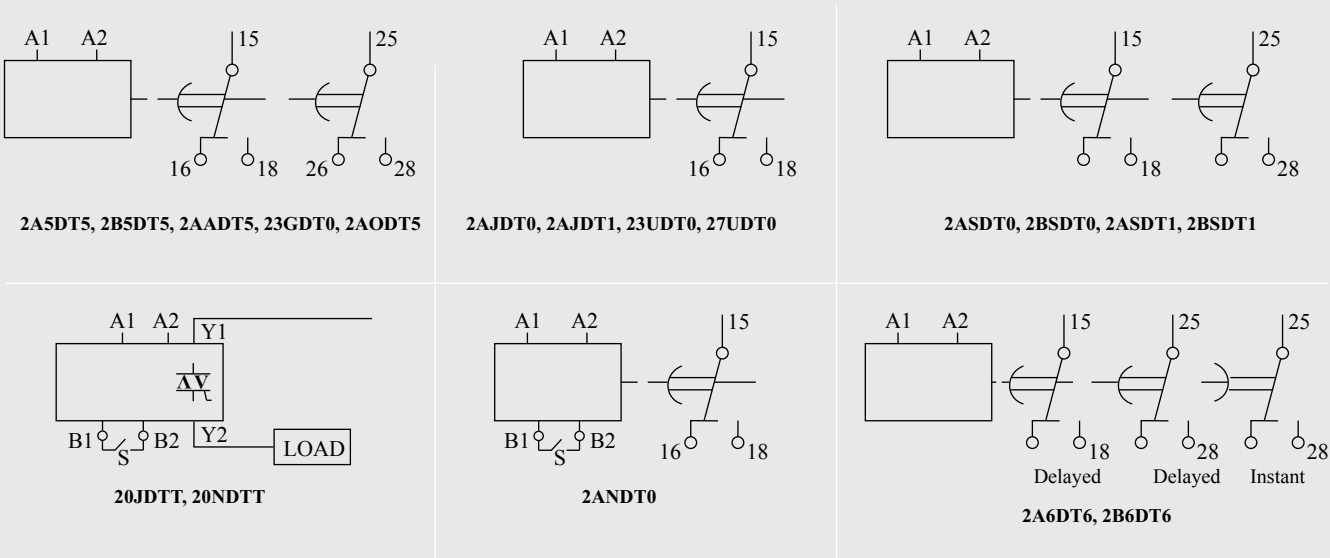


MOUNTING DIMENSION (mm)

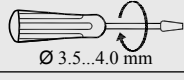


2ASDT5, 2BSDT5, 2AODT5, 2ASDT0, 2ASDT1,
2BSDT0, 2BSDT1, 2AJDT0, 2AJDT1, 2AADT5,
20JDTT, 20NDTT, 2ANDT0, 23GDT0, 2A6DT6, 2B6DT6

CONNECTION DIAGRAM



TERMINAL TORQUE & TERMINAL CAPACITY

	Torque - 0.6 N.m (6 Lb.in) Terminal screw - M3
	Solid Wire - 1 X 1...4 mm ²
AWG	1 X 18 to 10