

Electronic Timer - Series Micon® 225

Asymmetric ON-OFF Timer

- Compact 22.5mm Wide
- 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



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

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Cat. No.	2AADT5		2ASDT0	
Parameters				
Timer Description	Asymmetric Timer		Star Delta Timer	
Mode	Asymmetric ON-OFF (A)		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		Star - 1 'NO', Delta - 1 'NO'
	Contact Rating	5A @ 240 VAC / 28 VDC (Resistive)		
	Electrical Life	1x10 ⁶		
	Mechanical Life	1x10 ⁷		
Utilization Category	AC - 15	Rated Voltage (Ue): 230/125 V, Rated Current (Ie): 1.3/2.5 A		
	DC - 13	Rated Voltage (Ue): 250/120/24 V, Rated Current (Ie): 0.1/0.22/2 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