

Electronic Timer - Series Micon® 225

- Signal based Multi-function with Relay / Solid State Output
- Asymmetric Timer with Solid State Output



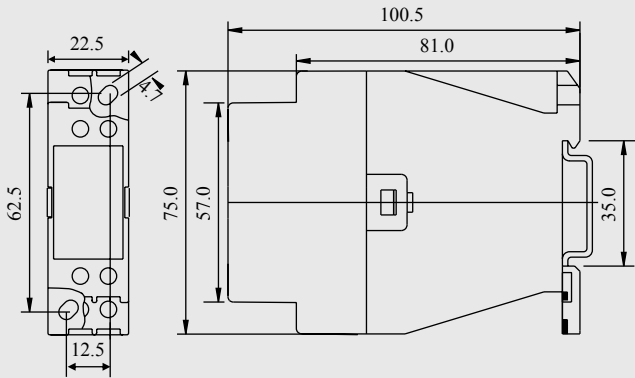
Cat. No.		2ANDT0	20NDTT
Parameters			
Description		Signal Based Multi Function	
Modes		Signal ON Delay, Accumulative ON Delay, Signal OFF Delay, Signal OFF/ON Delay, Leading Edge Impulse	
Derived Modes		ON Delay, Interval	
Functional Diagram			
Supply Voltage (ϕ)		24 - 240 VAC/DC	110 - 240 VAC
Supply Variation		- 20% to +10% (of ϕ)	
Frequency		50/60 Hz	
Power Consumption (Max.)		4 VA	
Timing Ranges		0.1s to 10h	
Reset Time		200 ms (Max.)	
Setting Accuracy		± 5% of Full scale	
Repeat Accuracy		± 1%	
Output	Relay Output	1 C/O (SPDT)	N A
	Contact Rating	5A @ 240 VAC / 28 VDC (Resistive)	N A
	Electrical Life	1x10 ⁵	N A
	Mechanical Life	1x10 ⁷	N A
Solid State Output	Type & Form	N A	Optical Isolation, SPST
	Rated Current	N A	1A (AC)
	Max. Admissible Current	N A	20A (10 ms)
	Vol. Breaking Capacity	N A	110 to 240 VAC
	Max. Drop @ Terminals	N A	≤ 8V
	Minimum Load Current	N A	20 mA
	Electrical Life	N A	1x10 ⁶
Utilization Category	AC - 15	Rated Voltage (Ue): 120/240 V, Rated Current (Ie): 3.0/1.5 A	
	DC - 13	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	
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
2ANDT0	24 - 240 VAC/DC, Signal Based Multi Function Timer, 1 C/O
20NDTT	110 - 240 VAC, Signal Based Multi Function Timer with Solid State Output
20JDTT	110 - 240 VAC, Asymmetric Timer with Solid State Output

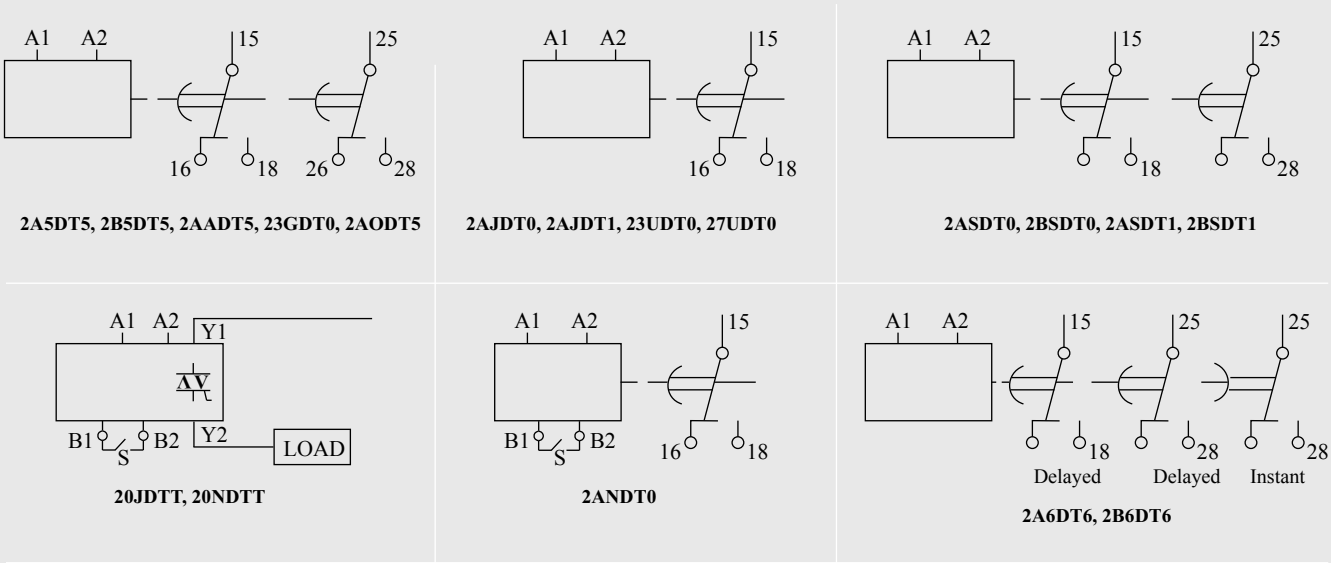


MOUNTING DIMENSION (mm)

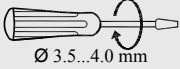


2ASDT5, 2BSDT5, 2AODT5, 2ASDT0, 2ASDT1,
2BSDT0, 2BSDT1, 2AJDT0, 2AJDT1, 2AADT5,
20JDTT, 20NDTT, 2ANDT0, 23GDT0, 2A6DT6, 2B6DT6

CONNECTION DIAGRAM



TERMINAL TORQUE & TERMINAL CAPACITY

 Ø 3.5...4.0 mm	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