

Electronic Timer - Series Micon® 225

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



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

Electronic Timer - Series Micon® 225



Cat. No.		2ANDT0	20NDTT
Parameters		Signal Based Multi Function	
Description		Signal ON Delay, Accumulative ON Delay, Signal OFF Delay, Signal OFF/ON Delay, Leading Edge Impulse	
Modes		ON Delay, Interval	
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