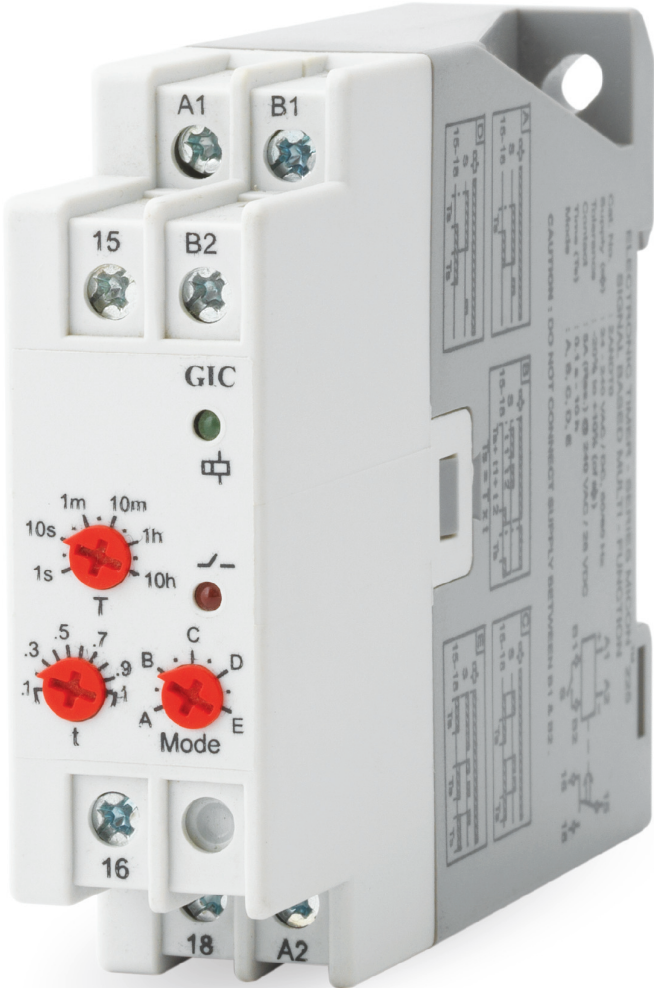


Electronic Timer - Series Micon® 225

- 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			
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)	NA
	Contact Rating	5A @ 240 VAC / 28 VDC (Resistive)	NA
	Electrical Life	1x10 ⁶	NA
	Mechanical Life	1x10 ⁷	NA
Solid State Output	Type & Form	NA	Optical Isolation, SPST
	Rated Current	NA	1A (AC)
	Max. Admissible Current	NA	20A (10 ms)
	Vol. Breaking Capacity	NA	110 to 240 VAC
	Max. Drop @ Terminals	NA	≤ 8V
	Minimum Load Current	NA	20 mA
	Electrical Life	NA	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