Electronic Timer - Series Micon® 175

- Multi-Function: 10 Different (Non-Signal & Signal based) Modes
- Wide Voltage range for both AC & DC
- Wide Time range: 0.1s - 100h
- LED Indications for Power and Relay status
- Independent settings for both ON Time & OFF Time
- Low Power Consumption



Ordering Information

Cat. No.	Description
1CMDT0	12 - 240 VAC/DC, Multi Function Timer (10 Modes), 1 C/O
1CMDTF	12 - 240 VAC/DC, Multi Function Timer (10 Modes), 1 C/O
1CQDT9	12 - 240 VAC/DC, Multi Function Timer (10 Modes), 1 C/O - 16A
1CVDT9	12 - 240 VAC/DC, Multi Function Timer (10 Modes & 10 Ranges), 1 C/O - 16A
1CJDT0	12 - 240 VAC/DC, Asymmetric Timer, 1 C/O

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Cat. No.		1CMDT0	1CMDTF	1CQDT9	1CJDT0
Parameters					
Timer Description		**Multi Function Timer**			**Asymmetric Timer**
Modes		1) Signal ON Delay 2) Cyclic ON/OFF 3) Cyclic OFF/ON 4) Signal OFF Delay 5) Signal OFF/ON 6) Accumulative Delay on Signal 7) Impulse ON/OFF 8) Leading Edge Impulse 9) Trailing Edge Impulse 10) Leading Edge Bi-stable			1) Asymmetric ON-OFF, 2) Asymmetric OFF-ON
Derived Modes		ON Delay, Interval			N A
Supply Voltage (⏚)		12 - 240 VAC/DC			
Supply Variation		-15% to +10% (of⏚)			
Frequency		50/60 Hz			
Power Consumption (Max.)		5 VA			
Timing Range		0.1s to 100h			
Reset Time		200 ms (Max)			
Setting Accuracy Repeat Accuracy		± 5% of Full scale ± 1%			
Output	Relay Output	1 C/O	2 C/O	1 C/O	1 C/O
	Contact Rating	8A @ 240 VAC / 5A @ 24 VDC (Resistive)		16A @ 240 VAC / 16A @ 24 VDC (Resistive)	8A @ 240 VAC / 5A @ 24 VDC (Resistive)
	Electrical Life	$5X10^5$			
	Mechanical Life	$1X10^6$			
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 Storage Temperature		-10°C to +60°C -15°C to +70°C			
LED Indication		Green LED → Power ON Yellow LED → Relay ON			Green LED → Power ON Amber LED → Relay ON
Enclosure		Flame Retardant UL94-V0			
Dimension (W x H x D) (in mm)		18 X 60 X 85			
Weight (unpacked)		72 g			
Mounting		DIN Rail			
Certification		CE cULus LISTED RoHS Compliant			
Degree of Protection		IP 20 for Terminals, IP 30 for Enclosure, IP 40 for Front side			

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