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



Cat. No.			1CJDT0	1CMDT0
Parameters				
Timer Description			**Asymmetric Timer**	**Multi Function Timer**
Modes			1) Asymmetric ON-OFF, 2) Asymmetric OFF-ON	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
Derived Modes			N A	ON Delay, Interval
Supply Voltage (⏚)			12 - 240 VAC/DC	
Supply Variation			-15% to +10% (of ⏚)	
Frequency			50/60 Hz	
Power Consumption (Max.)			2 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	1 C/O
	Contact Rating		8A @ 240 VAC / 5A @ 24 VDC (Resistive)	6A @ 240 VAC / 5A @ 24 VDC (Resistive)
	Electrical Life		$1X10^5$	
	Mechanical Life		$5X10^6$	
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, Amber LED → Relay ON	Green LED → Power ON, Yellow LED → Relay ON
Enclosure			Flame Retardant UL94-V0	
Dimension (W x H x D) (in mm)			18 X 85 X 65	
Weight (unpacked)			70 g	
Mounting			Base / DIN Rail	
Certification			CE RoHS Compliant	
Degree of Protection			IP 20 for Terminals, IP 40 for Enclosure	
EMI / EMC				
Harmonic Current Emissions			IEC 61000-3-2	Ed. 3.0 (2005-11) Class A
ESD			IEC 61000-4-2	Ed. 1.2 (2001-04) Level II
Radiated Susceptibilty			IEC 61000-4-3	Ed. 3.0 (2006-02) Level III
Electrical Fast Transients			IEC 61000-4-4	Ed. 2.0 (2004-07) Level IV
Surges			IEC 61000-4-5	Ed. 2.0 (2005-11) Level III
Conducted Susceptibilty			IEC 61000-4-6	Ed. 2.2 (2006-05) Level III
Voltage Dips & Interruptions (AC)			IEC 61000-4-11	Ed. 2.0 (2004-03) Level All 7 Levels
Voltage Dips & Interruptions (DC)			IEC 61000-4-29	Ed. 1.0 (2000-08) Level All 5 Levels
Conducted Emission			CISPR 14-1	Ed. 5.0 (2005-11) Class B
Radiated Emission			CISPR 14-1	Ed. 5.0 (2005-11) Class A
Environmental				
Cold Heat			IEC 60068-2-1	Ed. 6.0 (2007-03)
Dry Heat			IEC 60068-2-2	Ed. 5.0 (2007-07)
Vibration			IEC 60068-2-6	Ed. 7.0 (2007-12) 5g
Repetitive Shock			IEC 60068-2-27	Ed. 4.0 (2008-02) 40g, 6ms
Non-Repetitive Shock			IEC 60068-2-27	Ed. 4.0 (2008-02) 30g, 15ms

ORDERING INFORMATION

Cat. No.	Description
1CMDT0	12 - 240 V AC/DC, Multi Function Timer (10 Modes), 1 C/O
1CJDT0	12 - 240 V AC/DC, Asymmetric Timer, 1 C/O