

# 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
<b>Parameters</b>			
Timer Description		<b>Asymmetric Timer</b>	
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		NA	ON Delay, Interval
Supply Voltage (φ)		12 - 240 VAC/DC	
Supply Variation		-15% to +10% (of φ)	
Frequency		50/60 Hz	
Power Consumption (Max.)		2 VA	
Timing Range		0.1s to 100h	
Reset Time		200 ms (Max)	
Setting Accuracy		± 5% of Full scale	
Repeat Accuracy		± 1%	
Output	Relay Output	1 C/O	
	Contact Rating	8A @ 240 VAC / 5A @ 24 VDC (Resistive)	8A @ 240 VAC / 5A @ 24 VDC (Resistive)
	Electrical Life	1X10 <sup>5</sup>	
	Mechanical Life	5X10 <sup>6</sup>	
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		-10°C to +60°C	
Storage Temperature		-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		 	
Degree of Protection		IP 20 for Terminals, IP 40 for Enclosure	
<b>EMI / EMC</b>			
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 Susceptibility	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 Susceptibility	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	
<b>Environmental</b>			
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