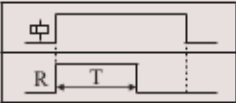
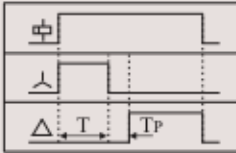




# Electronic Timer - Series Micon® 175

- Compact 17.5mm Wide
- Integrated Dual Voltage
- Functions: ON Delay, Star Delta, One Shot, ON Delay Retentive
- Wide Time Range: 0.3s - 30h
- LED Indications for Power and Relay status
- Low Power Consumption



Cat. No.	12ODT4	12SDT0
<b>Parameters</b>		
Timer Description	<b>ON Delay Timer</b>	<b>Star Delta Timer</b>
Mode	ON Delay	Star Delta
Functional Diagram		
Supply Voltage (φ)	240 VAC / 24 VAC/DC	240 VAC / 24 VAC/DC
Supply Variation	- 20% to +10% (of φ)	- 20% to +10% (of φ)
Frequency	50/60 Hz	50 Hz
Power Consumption (Max.)	8 VA	8 VA
Timing Ranges	0.3s to 30h	3s to 120s
Pause Time	N A	60 ms
Reset Time	100 ms (Max.)	150 ms (Max.)
Setting Accuracy	± 5% of Full scale	
Repeat Accuracy	± 1%	
Output	1 C/O	Star - 1 'NO', Delta - 1 'NO'
Contact Rating	5A @ 240 VAC / 28 VDC (Resistive)	5A @ 240 VAC / 3A @ 30 VDC (Resistive)
Electrical Life	1X10 <sup>6</sup>	
Mechanical Life	5X10 <sup>6</sup>	
Utilization Category	AC - 15 DC - 13	Rated Voltage (Uc): 120/240 V, Rated Current (Ic): 3.0/1.5 A Rated Voltage (Uc): 24/125/250 V, Rated Current (Ic): 2.0/0.22/0.1 A
Operating Temperature	-10°C to +55°C	
Storage Temperature	-20°C to +70°C	
Humidity (Non Condensing)	95% (Rh)	
LED Indication	Green LED → Power ON, Red LED → Relay ON	Red LED 1 → '△' ON, Red LED 2 → '△' ON
Enclosure	Flame Retardant UL94-V0	
Dimension (W x H x D) (in mm)	17.5 X 90 X 58.5	
Weight (unpacked)	65 g	60 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 IV
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 A
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
11ODT4	110 VA / 24 VAC/DC, ON Delay Timer, 1 C/O
12ODT4	240 VAC / 24 VAC/DC, ON Delay Timer, 1 C/O
15ODT4	12 VDC, ON Delay Timer, 1 C/O
11SDT0	110 VAC / 24 VAC/DC, Star Delta Timer, 1 NO (Star) + 1 NO (Delta)
12SDT0	240 VAC / 24 VAC/DC, Star Delta Timer, 1 NO (Star) + 1 NO (Delta)