

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	
Parameters			Codigo NDU 05041241GI	
Timer Description	ON Delay Timer		Star Delta Timer	
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	Relay 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 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	-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 → 'Δ' 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			
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 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) All 7 Levels		
Voltage Dips & Interruptions (DC)	IEC 61000-4-29	Ed. 1.0 (2000-08) 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		
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	
110DT4	110 VA / 24 VAC/DC, ON Delay Timer, 1 C/O	
120DT4	240 VAC / 24 VAC/DC, ON Delay Timer, 1 C/O	
150DT4	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)	Codigo NDU 05041241GI