

# Electronic Timer - Series Micon® 175



<b>Cat. No.</b>	<b>14SDT1S</b>	
<b>Parameters</b>		
Timer Description	<b>Star Delta Timer</b>	
Mode	Star Delta	
Functional Diagram		
Supply Voltage (⊕)	240 VAC - 415 VAC	
Supply Variation	- 20% to +10% (of ⊕)	
Frequency	50 Hz	
Power Consumption (Max.)	10 VA	
Timing Ranges	3s to 30s	
Pause Time	80 - 100 ms	
Reset Time	150 ms (Max.)	
Setting Accuracy	± 5% of Full scale	
Repeat Accuracy	± 1%	
Output	Relay Output	Star - 1 'NO', Delta - 1 'NO'
	Contact Rating	5A @ 240 VAC / 3A @ 30 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 +55°C	
Storage Temperature	-20°C to +70°C	
Humidity (Non Condensing)	95% (Rh)	
LED Indication	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	
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
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
Repetitive Shock	IEC 60068-2-27
Non-Repetitive Shock	IEC 60068-2-27