# Electronic Timer - Series Micon® 175

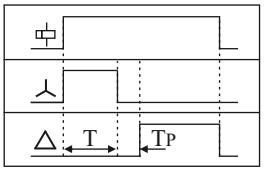



## Ordering Information

| Cat. No. | Description |
|---|---|
| 11SDT0 | 110 VAC, Star Delta Timer, 1 NO (Star) + 1 NO (Delta) |
| 12SDT0 | 240 VAC, Star Delta Timer, 1 NO (Star) + 1 NO (Delta) |
| 14SDT1S | 240-415V AC, Star Delta Timer, 1C/O (Star) + 1C/O (Delta), 3-30 Sec. |

# Electronic Timer - Series Micon® 175



| Cat. No. | | 12SDT0 |
|---|---|---|
| **Parameters** | | |
| Timer Description | | **Star Delta Timer** |
| Mode | | Star Delta |
| Functional Diagram | |   |
| Supply Voltage (⏚) | | 240 VAC |
| Supply Variation | | - 20% to +10% (of ⏚) |
| Frequency | | 50 Hz |
| Power Consumption (Max.) | | 10 VA |
| Timing Ranges | | 3s to 120s |
| Pause Time | | 60 ms |
| Reset Time | | 150 ms (Max.) |
| Setting Accuracy<br>Repeat Accuracy | | ± 5% of Full scale<br>± 1% |
| Output | Relay Output | Star - 1 'NO', Delta - 1 'NO' |
| | Contact Rating | 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<br>Storage Temperature | | -10°C to +55°C<br>-20°C to +70°C |
| Humidity (Non Condensing) | | 95% (Rh) |
| LED Indication | | 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 |
| 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 |
| 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 |