

Electronic Timer - Series Micon® 175

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



Ordering Information

| Cat. No. | Description |
|----------|---|
| 11ODT4 | 110 VAC / 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 |
| 11WDTC | 110 VAC / 24 VAC/DC, ON Delay & Interval Timer, 1 C/O |
| 12WDTC | 240 VAC / 24 VAC/DC, ON Delay & Interval Timer, 1 C/O |
| 11RDT4 | 110 VAC / 24 VAC/DC, Signal OFF Delay Timer, 1 C/O |
| 12RDT4 | 240 VAC / 24 VAC/DC, Signal OFF Delay Timer, 1 C/O |
| 15DDT4 | 12 VDC, Signal OFF Delay Timer, 1 C/O |
| 11BDT4 | 110 VAC / 24 VAC/DC, One Shot Timer, 1 C/O |
| 12BDT4 | 240 VAC / 24 VAC/DC, One Shot Timer, 1 C/O |
| 15BDT4 | 12 VDC, One Shot Timer, 1 C/O |

Electronic Timer - Series Micon® 175



| Cat. No. | 12ODT4 | 12RDT4 |
|-------------------------------|--|---|
| Parameters | | |
| Timer Description | ON Delay Timer | Signal OFF Delay Timer |
| Mode | ON Delay | Signal OFF Delay |
| Functional Diagram | | |
| Supply Voltage (ϕ) | 240 VAC / 24 VAC/DC | 240 VAC / 24 VAC/DC |
| Supply Variation | - 20% to +10% (of ϕ) | - 15% to +10% (of ϕ) |
| Frequency | 50/60 Hz | 50/60 Hz |
| Power Consumption (Max.) | 8 VA | 8 VA |
| Timing Ranges | 0.3s to 30h | 0.3s to 30h |
| Reset Time | 100 ms (Max.) | 150 ms (Max.) |
| Setting Accuracy | \pm 5% of Full scale | |
| Repeat Accuracy | \pm 1% | |
| Output | Relay Output | 1 C/O |
| | Contact Rating | 5A @ 240 VAC / 28 VDC (Resistive) 5A @ 240 VAC / 3A @ 30 VDC (Resistive) |
| | Electrical Life | 1X10 ⁵ |
| | Mechanical Life | 5X10 ⁵ |
| 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 | |
| Enclosure | Flame Retardant UL94-V0 | |
| Dimension (W x H x D) (in mm) | 17,5 X 90 X 58,5 | |
| Weight (unpacked) Approx. | 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 |