

Digital Time Switches *Crono*[®] & *Pulse*

- Precise time programming for Daily/Weekly/Pulse switching
- 25 ON/OFF programs
- Weekend Exclusion (FRI SAT or SAT SUN) and Weekly OFF programming
- LED Indication of Relay status
- 12/24 h display formats
- 6 Years Battery reserve
- Simple Reset & Manual override
- Settable DST & Keypad Lock Feature






Ordering Information

| Cat. No. | Description |
|----------|---|
| 67DDT0 | 110 - 240 VAC, Digital Time Switch - Crono, 1 C/O |
| 6GHDT0 | 24 VDC, Digital Time Switch - Crono, 1 C/O |
| 69HDT0 | 12 VDC, Digital Time Switch - Crono, 1 C/O |
| 67DDT9 | 110 - 240 VAC, Digital Time Switch - Pulse, 1 C/O |
| 6GHDT9 | 24 VDC, Digital Time Switch - Pulse, 1 C/O |
| 69HDT9 | 12 VDC, Digital Time Switch - Pulse, 1 C/O |

Note: Digital Time Switch - Crono available with IEC 60730-2-7 approval



Digital Time Switches *Crono*[®] & *Pulse*

| Cat. No. | 67DDT0 (<i>Crono</i> [®]) | 67DDT9 (<i>Pulse</i>) |
|-------------------------------|---|--|
| Parameters | | |
| Supply Voltage | 110 - 240 VAC | |
| Supply Variation | -20 % to +10% | |
| Frequency | 50/60 Hz | |
| Power Consumption (Max.) | 6 VA | |
| Number of Programs | 25 ON/OFF Programs | 16 Pulse Programs |
| Minimum Switching Time | 1 min | 1 s |
| Pulse Duration | N A | 1 to 59 s (Programmable) |
| Number of Operating Modes | 5 | 3 |
| Description of Modes | <ul style="list-style-type: none"> • AUTO - Program Run • ON AUTO - Instant ON up to next Auto Event • AUTO OFF - Instant OFF up to next Auto Event • ON - Continuous ON • OFF - Continuous OFF | <ul style="list-style-type: none"> • AUTO - Program Run • ON - Continuous ON • OFF - Continuous OFF |
| Display | 3 Lines Text LCD | |
| DST | Programmable | |
| Clock Accuracy | ± 2 s/day max. over the Operating Temperature range | |
| Power Reserve from Factory | 6 Years | |
| Output | Relay Output | 1 C/O |
| | Contact Rating | 16A (For 'NO') & 5A (For 'NC') @ 240 VAC / 24 VDC (Resistive), Inductive (cos ϕ = 0.6):- 6 A @ 250 VAC |
| | Electrical Life | 3x10 ⁴ |
| | Mechanical Life | 5x10 ⁴ |
| Utilization Category | AC - 15 | Rated Voltage (U _e): 120/240 V, Rated Current (I _e): 3/1.5 A |
| | DC - 13 | Rated Voltage (U _e): 24/125/250 V, Rated Current (I _e): 2.0/0.22/0.11 A |
| Operating Temperature | -10°C to + 55°C | |
| Storage Temperature | -10°C to + 60°C | |
| Humidity (Non Condensing) | 95% (Rh) | |
| LED Indication | Red LED → Relay ON | |
| Enclosure | Flame Retardant UL94-V0 | |
| Dimension (W x H x D) (in mm) | 36 X 90 X 65 | |
| Weight (unpacked) Approx. | 110 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 |
| 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 |

Applications

Ideal for Lighting applications like street lighting, Advertising Displays, Glowsigns. Also can be used for Air conditioners / Coolers, Geysers, conveyors, pumps etc.

Ideal for Siren, Bell applications