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

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Cat. No.	67DDT0 (*Crono*®)		67DDT9 (*Pulse*)
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	• 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		• 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		
Output — Contact Rating	16A (For 'NO') & 5A (For 'NC') @ 240 VAC / 24 VDC (Resistive), Inductive (cos ø = 0.6):- 6 A @ 250 VAC		
Output — Electrical Life	$3x10^4$		
Output — Mechanical Life	$5x10^4$		
Utilization Category — AC - 15	Rated Voltage (Ue): 120/240 V, Rated Current (Ie): 3/1.5 A		
Utilization Category — DC - 13	Rated Voltage (Ue): 24/125/250 V, Rated Current (Ie): 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	CE c(UL)us LISTED 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
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