




Digital Time Switch *Crono[®] Pro*



Cat. No.	WT1SCDS (<i>Crono[®] Pro</i>)	67DDT0 (<i>Crono[®]</i>)
Parameters		
Supply Voltage	240 VAC	110 - 240 VAC
Supply Variation	-20 % to +10%	
Frequency	50/60 Hz	
Power Consumption (Max.)	6 VA	4 VA
Number of Programs	50 Each channel + 10 for Holiday	25 ON/OFF Programs
Minimum Switching Time	1 sec	1 min
Pulse Duration	1 - 59 sec	N A
Number of Operating Modes	5	
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 	
Display	LCD with backlight	
DST	Programmable	
Clock Accuracy	± 0.5 s/day max. over the Operating Temperature range	± 2 s/day max. over the Operating Temperature range
Power Reserve from Factory	6 Years	
Output	Relay Output	1 C/O
	Contact Rating	16 A (NO) & 16 A (NC) @ 240 VAC/24 VDC (Resistive)
	Electrical Life	5x10 ⁴
	Mechanical Life	5x10 ⁴
Utilization Category	Max switching : 16 A (NO & NC) at 250 VAC, Cos ϕ = 1	AC - 15 Rated Voltage (Ue): 120/240 V, Rated Current (Ie): 3/1.5 A
	Min Switching: 10 A (NO & NC) at 250 VAC, Cos ϕ = 0.6	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	-20°C to + 70°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	DIN rail	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