

Altech Digital Time Switch

Altech's ATS Series of Digital Time Switches comprises 6 models featuring Precise Time Programming for Daily/ Weekly (ATS-C) or Pulse (ATS-P) switching. An LCD displays shows current Timing and Function information.



Features

- 25 ON/ OFF Programs (16 ON Programs for Pulse version)
- LCD Display for Time and Program Information
- Various Supply voltages
- Keypad Lockable
- 12/ 24h time format
- Settable Daylight Savings Time
- Simple Manual Override
- DIN Rail Mount

CAT. NO.	Chrono Version	Pulse Version
Supply Voltage	ATS-C120	ATS-P120
110-240V AC	ATS-C12	ATS-P12
12V DC	ATS-C24	ATS-P24
24V DC		
Power Consumption	4 VA max.	4 VA max.
Programs	25 ON/ OFF Programs	16 Pulse Programs
Minimum Switching Time	1min	1s
Programmable Pulse duration	–	1-59s

DESCRIPTION

The standard timings version (**ATS-C**) and Pulse version (**ATS-P**) essentially differ in their programmed ON/OFF duration.

Chrono Version

The **ATS-C** Series allows daily/ weekly switching times with a minimum duration of 1min. 25 ON/ OFF programs can be configured. Application examples are Lighting applications, illuminated advertising displays, HVAC and Pump applications.

Pulse Version

The Pulse version, **ATS-P** series, allows pulse operations to be scheduled with duration 1-59s. Application Examples are scheduling Sirens, bells, etc.

OPERATING MODES

Mode	Chrono Version	Pulse Version
AUTO	Program ON	Program On
ON AUTO	Instant ON until next Auto event	–
AUTO OFF	Instant OFF until next Auto event	–
ON	Continuous ON	Continuous ON
OFF	Continuous OFF	Continuous OFF

SPECIFICATIONS

Functional

Display	3 Line Text LCD
Clock Resolution	1 minute
Clock Mode	12h (AM/ PM) or 24h
Clock Accuracy	+/- 2s above operating temperature
LED Indicator	ON: relay activated, OFF: relay deactivated

Output

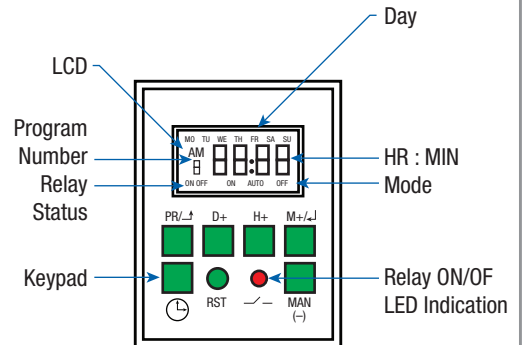
Output Configuration	1 x SPDT (C/O)
Output Contact Rating	16A (NO), 5A (NC) @ 240VAC/ 24VDC (resistive) 6A @ 250VAC, cosΦ=0.6 (inductive)

Electrical Life	30,000 switching cycles
AC-15 Rating	250VAC/ 6.0A, cosΦ=0.6, 85°C
DC-13 Rating	Rated Voltage (Ue): 24VDC, Rated Current (Ie): 2.0A

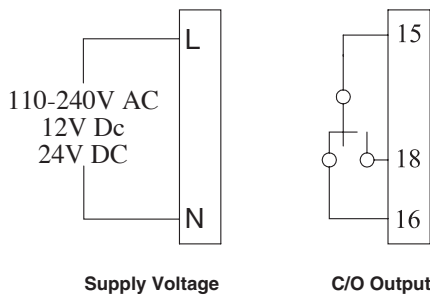
Material

Operating Temperature	-10°C - 55°C (14°F - 131°F)
Storage Temperature	-10°C - 60°C (14°F - 140°F)
Protection Enclosure	IP40 (Enclosure), IP20 (Terminals)
Housing	UL94-V0
Torque Terminals	0.54 Nm (3.5lb.in.), M2.5 screw
Terminal Wire Size	0.2-3.3mm ² (24-12AWG)
Weight	110g (0.24lb.)

DISPLAY FUNCTIONS



CONNECTION DIAGRAMS



DIMENSIONS

