Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

Contact us

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
- Settable Daylight Savings Time
- Keypad Lockable
- Simple Manual Override
- 12/ 24h time format
- DIN Rail Mount

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CAT. NO.		Chrono Version	Pulse Version
Supply Voltage	110-240V AC	ATS-C120	ATS-P120
	12V DC	ATS-C12	ATS-P12
	24V DC	ATS-C24	ATS-P24
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

OPERATING MODES

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

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.

SPECIFICATIONS

Functional

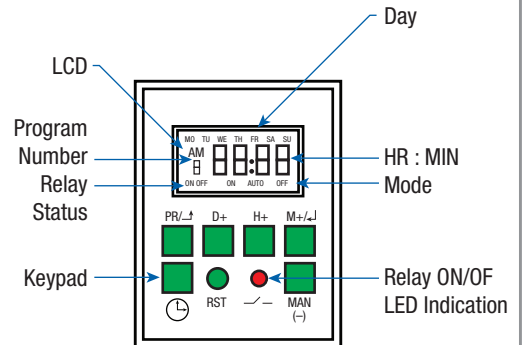|	
Display	3 Line Text LCD
Clock Resolution	1 minute
Clock Mode	12h (AM/ PM) or 24h
Clock Accuracy	+/- 2s above operating temperature
LED Indicator	ON: relay activated, OFF: relay deactivated

Output

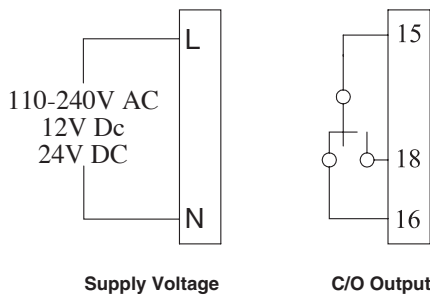|	
Output Configuration	1 x SPDT (C/O)
Output Contact Rating	16A (NO), 5A (NC) @ 240VAC/ 24VDC (resistive) 6A @ 250VAC, cosΦ=0.6 (inductive)
Electrical Life	30,000 switching cycles
AC-15 Rating	250VAC/ 6.0A, cosΦ=0.6, 85°C
DC-13 Rating	Rated Voltage (Ue): 24VDC, Rated Current (Ie): 2.0A

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	0.2-3.3mm2 (24-12AWG)
Weight	110g (0.24lb.)

DISPLAY FUNCTIONS

CONNECTION DIAGRAMS

Supply Voltage

C/O Output

DIMENSIONS