AP21 SERIES TIME SWITCH



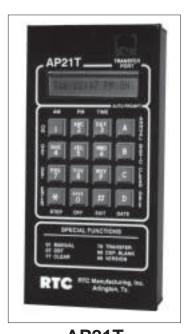
AP21
AC/DC Powered



AP21TR AP21TRDC

Compact Size: 2" x 2 1/2" x 4"

Laptop Programmable with 21PC Software



AP21T
AC/DC Powered
with Program Transfer

- 16-character, alpha-numeric, Liquid Crystal Display (LCD)
- Daylight Savings Time entered from the keyboard
- 48-hour capacitive back-up, no batteries
- Auto Prompt for user friendly programming
- 16 Powerful Program Steps
- 10 Skip Plans for Holidays
- 15 Amp relay output
- Program Transfer from unit to unit (AP21T & AP21TR)
- Laptop Computer Programmable using the 21PC Software
- AP21's are AC/DC, AP21T's are AC/DC, AP21TR's are AC only AP21TRDC's are DC only
- Smallest Time Switch ever built for Traffic Applications (AP21TR)



"Serving the traffic signal industry since 1987."

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AP21 SERIES TIME SWITCH

The family of AP21's are single circuit, calendar programmable solid state time switches. They are used for switching electric circuits according to a pre-set time and date program. The AP21's AUTO PROMPTING alpha-numeric display makes programming fast and simple. Program transfer can be accomplished by using a Laptop Computer or an AP21T. The AP21TR is only 2" x 2 1/2" x 4" making it the smallest time switch ever designed specifically for traffic applications. The AP21 and AP21T draw their power from any 120VAC or 12VDC supply. The AP21TR is 120VAC powered and the AP21TRDC is 12VDC powered.

STANDARD FEATURES

- 16 character, alpha-numeric, easy to read *Liquid Crystal Display* (LCD). Optional back-lit display available.
- Automatic Daylight Savings Time (DST) compensation.
- DST data entered from keyboard *makes future DST changes quick and easy.*
- Time of Day entered in 12-hour format.
- Automatic Leap Year compensation.
- 48-hour capacitive memory back-up no batteries to replace.
- The display "Auto Prompts" the operator through the programming process *very user friendly*.
- 16 powerful program steps.
- Single Day, Week End, Week Day, or Every Day programming capability for each program step.
- 10 Skip Plans Each skip plan prevents the time switch output from activating on a specific day or consecutive days.
- Program Transfer from one AP21T to another, or from an AP21T to an AP21TR (AC or DC).
- Laptop Computer Programmable using the 21PC Software.
- SPDT Relay Output rated at 15 Amps at 115 VAC resistive load.
- AP21 and AP21T's work on 120VAC and 12VDC power sources.

SPECIFICATIONS

Display
Back-lit Display Optional
Keyboard
Back-up Power 48 Hour Capacitive
Electrical ConnectionTerminal Block (#12 to #20 AWG) or CPC Connector with Harness (optional)
Output SPDT Relay Rated at 15 Amps 115 VAC Resistive Load
Line Voltage 95 to 135VAC, 60 HZ and 12VDC
Time Base AC Powered (power line) Back-up and DC Powered +/005% Crystal
Size
Temperature Range30 to +74 Degrees C

ORDERING INFORMATION

Part Number **Description** AP21 Single Circuit Time Switch AP21T Single Circuit Time Switch with Transfer Single Circuit Time Switch (2" x 2.5" x 4") AP21TR AP21TRDC 12VDC Version of AP21TR 21PC Laptop Programming Software & Cables EL Electro-Luminescent (back-lit) Display 21048 CPC Connector with 48" Wiring Harness 21072 CPC Connector with 72" Wiring Harness 91107 Program Transfer Cable

NOTE: All AP21 and AP21T's are AC and DC powered, AP21TR is AC and AP21TRDC is DC powered.

RTC Manufacturing, Inc.



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