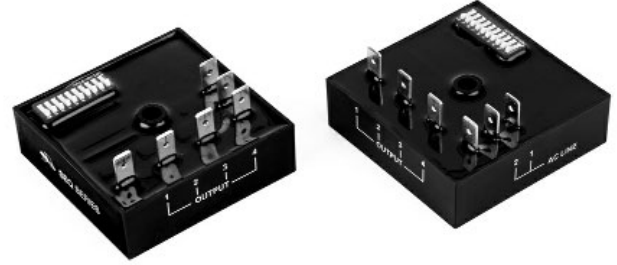




**AMPERITE CO.**  
 (800) 752-2329  
 E-Mail: info@amperite.com • Web site: www.amperite.com

**Amperite SEQ Series Sequential Recycling Relays**

- 100% Solid State
- Two to Four Individual Load Circuits
- 5 Ampere Load Current Rating
- Fixed and User Adjustable Timing
- Timing from Milliseconds to Minutes
- OEM Customization



**DESCRIPTION:**

The Amperite SEQ series recycling timers may be used to alternately switch two to four loads in a repeating sequence. Timing may be fixed, or user adjustable over a range of milliseconds to minutes by means of a built-in DIP switch. Load switching is accomplished by a solid-state device. Typical applications include ON/OFF cycling for equipment burn-in test, lighting controls, and automatic cycling of electrically operated devices.

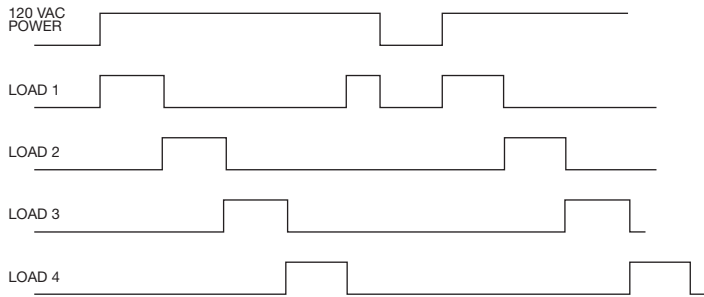
**CONTACT INFORMATION:**

Triac or MOSFET solid-state device.  
 Maximum load current 5 amperes.  
 Voltage drop 1.75 volts RMS or less @ 5 amperes.

**TIMING SPECIFICATION:**

User specified factory fixed timing from milliseconds to minutes, accuracy 5% or better. User adjustable timing available over a span of 10:1 anywhere within the range of milliseconds to minutes.

**TIMING DIAGRAM:**



**INPUT INFORMATION:**

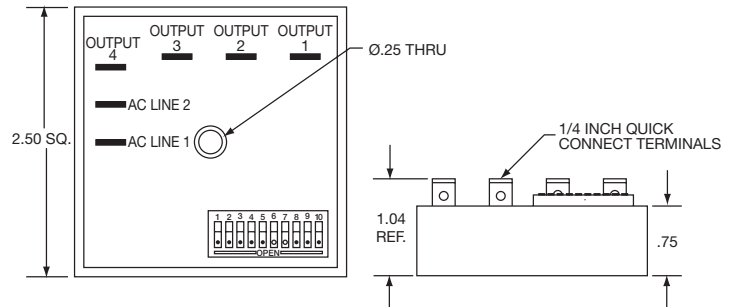
**VOLTAGE:** AC units 12, 24, and 120 VAC.  
 DC units 12, 24, 36, 48, and 110 volts.  
*DC: custom voltages are available.*

**POWER REQUIREMENTS:** AC units 3 VA or less;  
 DC units 3 watts or less.

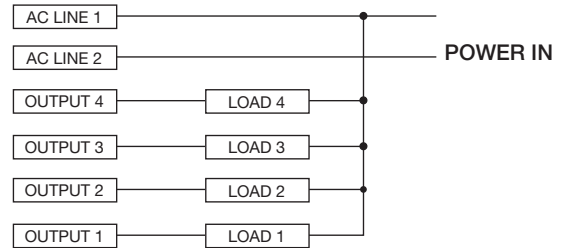
Polarity protection on DC units: Yes.

**MECHANICAL INFORMATION:**

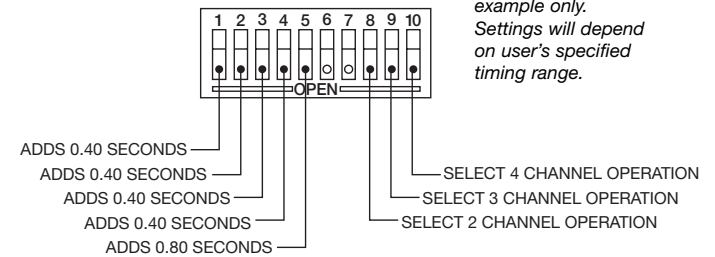
2.5 x 2.5 x .75 epoxy sealed enclosure with center hole mounting. 1/4 inch quick connect male terminals.



**WIRING DIAGRAM:**



**DIP SWITCH SETTINGS:**



*Settings listed are for example only. Settings will depend on user's specified timing range.*

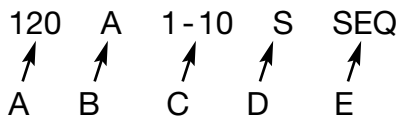
**TEMPERATURE RANGE:**

-30°C to 70°C operating.

**Ordering Information:**

Definition of a part number for the Amperite SEQ Series Sequential Relays.

Example:



- A: Denotes nominal input voltage. See input information above.
- B: Denotes types of control input power:  
 A = AC - Alternating Current; D = DC - Direct Current.
- C: Denotes adjustment range of "ON" time of each load in seconds, or minutes. If fixed time is required, specify a single number.
- D: Denotes unit of timing: S = seconds, M = minutes.  
 Contact factory with your timing requirements to determine correct timing range.
- E: Denotes Amperite SEQ Series Sequential Relay.