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.

**TEMPERATURE RANGE:**
-30°C to 70°C operating.

**ORDERING INFORMATION:**
Definition of a part number for the Amperite SEQ Series Sequential Relays.
Example:

120  A  1-10  S  SEQ
A  B  C  D  E

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.