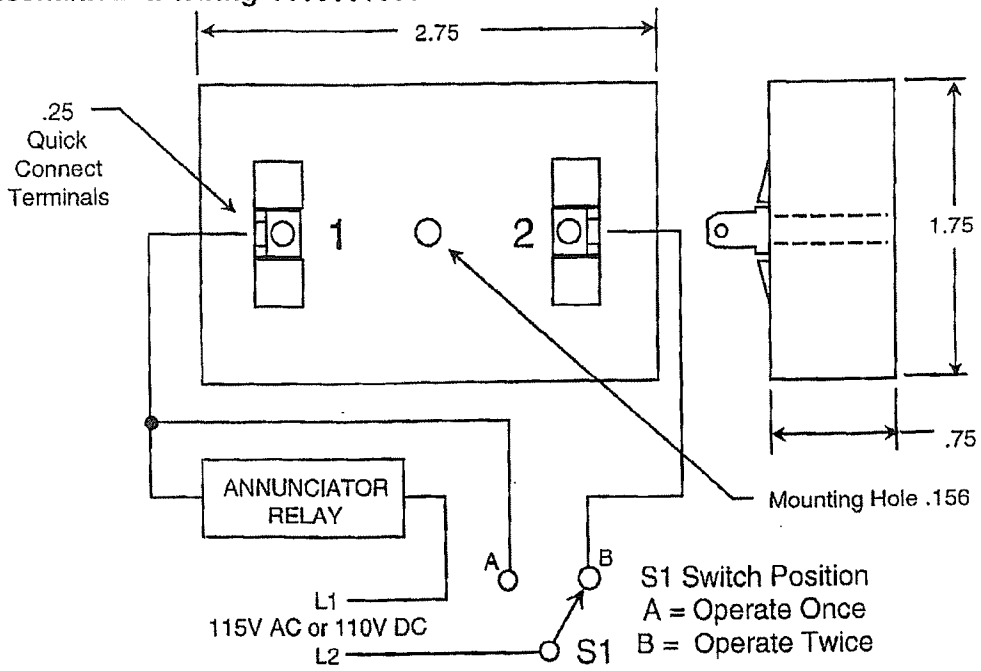
Solid State Timers and Controllers

EPC-11607 Annunciator Controller

The EPC-11607 is an all solid state timing module which when connected in series with a relay can cause the relay to operate either once or twice to control a bell, or any other form of annunciator device. The primary application is to announce the direction that the elevator is going. When the switch S1 connects the EPC-11607 as shown, the relay will energize for the T1 period, drop-out for the T2 period, and then energize again for as long as the power is applied. This will cause any annunciator connected to the relay contacts to sound twice. When the EPC-11607 is bypassed, the relay will energize, causing the annunciator to sound once.

Mechanical & Wiring



Specifications

Operating Voltage: 105V - 135V AC 50/60Hz. or 100V - 160V DC.

Timing Periods: T1 and T2 are specified as dash numbers to the part number, and may range from .25 seconds to 10 seconds.

Annunciator Relay: The annunciator relay must have the same operating voltage that is applied to the EPC-11607, AC or DC. The coil current must be within the limits of 20 to 120 milliamperes.

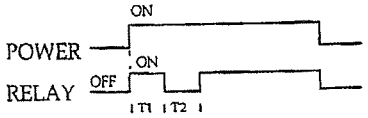
Voltage Drop: The voltage drop across the timer when in the ON state is 14 volts maximum, and the relay selected should be capable of operation from the input voltage less 14 volts.

Timer Off Leakage Current: When the timer turns OFF at T2 it effectively turns into a 12,000 ohm resistor, which will reduce the holding current through the annunciator relay coil, dropping it out. This calls for a relay coil that will pickup at least 14 volts less than normal operating voltage, and will dropout when the coil current is reduced by the timer's OFF resistance of 12,000 ohms.

Operating Temperature: 0 ° C to +70 ° C.

Data Sheet Revision Date: July 23, 1995

Timing Diagram



Ordering Information

Specify : EPC-11607 - T1 - T2
example : EPC-11607 - .5 - 1
(T1 will be .5 seconds & T2 will be 1 second)

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