

Single Shot

K2 Series

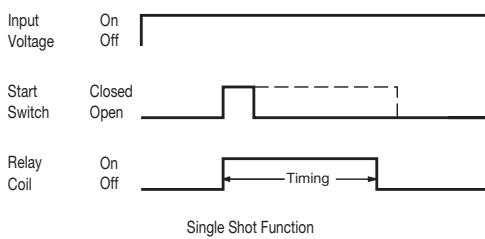
FEATURES

- 100% functionally tested
- Time delays to 10 seconds
- Low cost
- Compact size
- Spade type base
- Wide operating temperature range
- Fiberglass reinforced circuit board
- Polycarbonate, 94V-2 housing material
- File #E59090

Operating Logic: Voltage is applied to the timer at all times. Upon a momentary or maintained closure of a normally open isolated start switch, the output relay coil is energized and the time delay starts. At the end of the preset time delay, the relay coil is de-energized and the timer is ready for a new cycle.

*Note: 1) Do not apply voltage or ground to the Start switch;
2) Switch leads should be shielded when running close to other wires (Start switch supplied by customer)*

LOGIC FUNCTION DIAGRAM



SPECIFICATIONS

TIME DELAY

Adjustment: Knob, factory fixed on special order (min. order required)

Range: 100 ms to 10 sec.

Repeatability: $\pm 3\%$ at constant temperature

Accuracy:

Maximum time $+10\%/-0\%$

Minimum time $+0\%/-50\%$

Reset Time: 200 ms max.

INPUT

Operating Voltage: 120 V AC $\pm 10\%$

Start Switch Closure Time: 50 ms min.

Power Consumption: 3 VA max.

Frequency: 50/60 Hz

OUTPUT

Type: Relay contacts, DPDT (2 form C)

Rating: 10 A max. resistive at 240 VAC 100 mA at 5 VDC min. load current

Life:

Mechanical: 10,000,000 operations

Full Load: 500,000 operations

PROTECTION

Transient Voltage: Timers are protected by a 5 joule metal oxide varistor

Dielectric Breakdown: 1500 VAC RMS min. at 60 Hz between input and outputs and between outputs

MECHANICAL

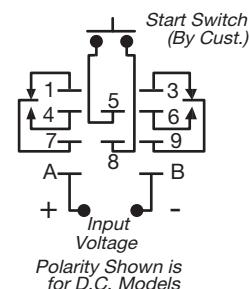
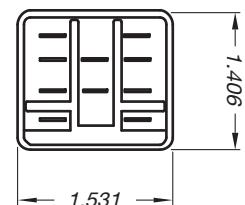
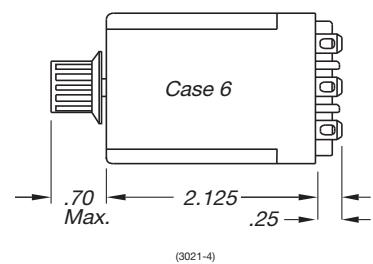
Termination: Spade (.187" x .020" terminal) type plug-in base

Mounting: Socket mount, part number MS0-00KUP-012

ENVIRONMENTAL

Storage Temperature: -23°C to 70°C

Operating Temperature: -23°C to 55°C



ORDERING INFORMATION

TIME RANGE	120 VAC
.1 to 10 sec.	K2K-00010-661

Consult factory for any special requirements not listed in catalog (minimum order requirement may apply).