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KSS SERIES ENCAPSULATED DIGITAL APPLIANCE CONTROL

DISCONTINUED SERIES DISCONTINUED SERIES DISCONTINUED SERIES

FEATURES

- C/MOS Digital Circuitry
- Fully Solid State and Encapsulated
- Delays From 1 to 600 Seconds
- No First Cycle Effect
- .1% Repeat Accuracy
- Output Rated at 1 Ampere Continuous, 10 Amperes Inrush
- Built in Adjustable Sealed Potentiometer
- Small Size
- Low Cost
- UL Recognized
- Easy Installation
- CSA Pending

SPECIFICATIONS

1. Time Delay.

- 1.1 Type: C/MOS digital circuitry
- 1.2 Range: Eight ranges, selectable from 1 to 600 seconds (see ordering information)
- 1.3 Repeat accuracy: $\pm 1\%$ under fixed conditions
- 1.4 Calibration accuracy: $\pm 2\%$ or $\pm 10\%$
- 1.5 Reset time: 100 milliseconds
- 1.6 Recycle time: 100 milliseconds
- 1.7 Time delay vs. temperature & voltage: $\pm 2\%$

2. Input.

- 2.1 Operating voltage: 24, 120 & 230 volts AC
- 2.2 Tolerance: $\pm 20\%$ of nominal
- 2.2 Frequency: 50 - 60 Hertz

3. Output.

- 3.1 Type: Solid state
- 3.2 Form: Single pole single throw
- 3.3 Rating: 1 ampere @ 65°C 20 mA minimum
- 3.4 Life: 100,000,000 operations minimum under full load

4. Protection.

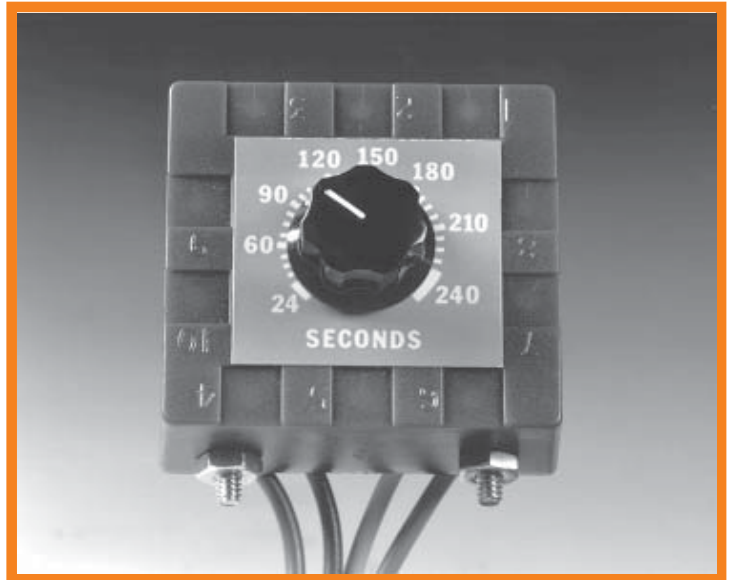
- 4.1 Transient: ± 1500 volts for 150 microseconds
- 4.2 Dielectric breakdown: 1500 volts RMS minimum

5. Mechanical.

- 5.1 Mounting: 2 - #6-32 mounting studs
- 5.2 Termination: #20 AWG stranded wires

6. Environmental.

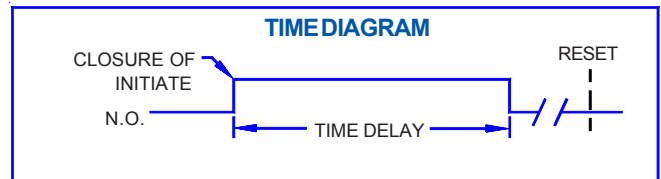
- 6.1 Operating temperature: -20°C to +80°C
- 6.2 Storage temperature: -40°C to +85°C
- 6.3 Humidity: 95% relative non-condensing



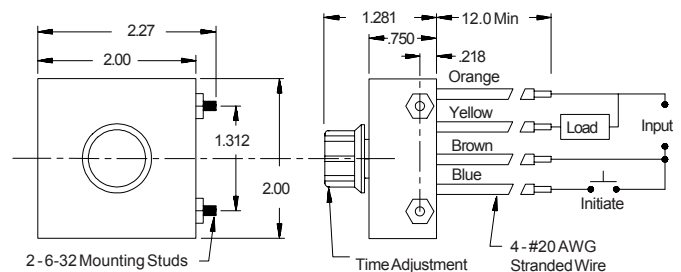
MODE OF OPERATION

SINGLE SHOT

Power must be applied to the input at all times prior to and during timing. Upon closure of the initiate switch (momentary or maintained) the output contact transfers and the time delay begins. At the completion of the pre-selected delay period, the output contact reverts to its original position. Removal of input power will reset the control.



DIMENSIONS & CONNECTIONS



ORDERING INFORMATION

MODEL	OPERATING VOLTAGE	DELAY RANGE	CALIBRATION ACCURACY
KSS	4 - 24 VAC	2 - 1.0 - 10.0 Seconds	A - $\pm 2\%$ B - $\pm 10\%$
	5 - 120 VAC	2B - 1.0 - 30.0 Seconds	
	6 - 230 VAC	2C - 6.0 - 60.0 Seconds	
		3A - 12.0 - 120.0 Seconds	
		3C - 24.0 - 240.0 Seconds	
		3E - 36.0 - 360.0 Seconds	
		3G - 48.0 - 480.0 Seconds	
		3H - 60.0 - 600.0 Seconds	