

## Timing Modes

On-Delay, Off-Delay and Interval.

## Timing Specifications

Timing Ranges: 6 to 180 cycles; 0.1 to 3 / 0.1 to 10 / 0.33 to 10 / 1 to 30 / 4 to 120 sec .; 0.33 to $10 / 1$ to $30 / 2$ to 60 min.; 0.33 to 10 hr. (All are $+5 \%,-0 \%$ of maximum values).
Timing Adjustment: Knob or fixed time (intemal fixed resistor) - all models; customer supplied external potentiometer or resistor - On-Delay and Interval models only.

Accuracy: Repeat Accuracy: $\pm 0.5 \% \pm 0.004 \mathrm{sec}$. Overall Accuracy: $\pm 2 \%$ max.

## Reset Time: 25 ms .

Relay Operate Time: Off-Delay mode: 30 ms ; Interval mode: 20 ms ..
Relay Release Time: On-Delay mode only: 15 ms .

## Contact Data @ $\mathbf{2 5}^{\circ} \mathrm{C}$

Arrangements: 2 Form C (DPDT).
Rating: 10A @ 28VDC or 120VAC, resistive; 1/3 HP @ 120/240VAC; 345VA. Same polarity.
Expected Mechanical Life: 10 million operations.
Expected Electrical Life: 500,000 operations, min., at rated resistive load.

## Initial Dielectric Strength

Between Terminals and Case: 1,000VAC plus twice the nominal voltage for one minute.

## Outline Dimensions



Wiring Diagrams (Bottom Views)


Off-Delay
Fixed or Knob Adjust


On-Delay \& Interval Fixed or Knob Adjust

## SCB/SCC series

## Specification Grade Discrete Plug-in Time Delay Relay

- On-Delay, Off-Delay and Interval timing modes
- 13 timing ranges from 0.1 sec . to 60 min .
- 10A DPDT output contacts
- Knob, fixed or external timing adjustment.
- Rated for pilot duty
- Premium components
기 File E60363
C
(18) File LR51332
(14) File E60363 (SCC only)

Users should thoroughly review the technical data before selecting a product part number. It is recommended that user also seek out the pertinent approvals files of the agencies/laboratories and review them to ensure the product meets the requirements for a given application.

## Input Data @ $\mathbf{2 5}^{\circ} \mathrm{C}$

Voltage: See Ordering Information section for details.
Power Requirement: 3W, max.
Transient Protection: Non-repetitive transients of the following magnitudes will not cause spurious operation of affect function and accuracy.

| Operating Voltage | $<\mathbf{0 . 1} \mathbf{~ m s}$ | $<\mathbf{1} \mathbf{~ m s}$ |
| :---: | :---: | :---: |
| All except 12 \& 24 | $3,000 \mathrm{~V}$ | 2,500 |
| $12 \& 24$ | Consult Factory |  |

## Environmental Data

Temperature Range:
Storage: SCB and SCC: $-40^{\circ} \mathrm{C}$ to $+85^{\circ} \mathrm{C}$.
Operating: SCB: $-30^{\circ} \mathrm{C}$ to $+65^{\circ} \mathrm{C}$; SCC: $-30^{\circ} \mathrm{C}$ to $+50^{\circ} \mathrm{C}$.

## Mechanical Data

Mounting/Termination:
SCB: UL recognized. Optional 8- or 11-pin octal-type sockets may be ordered separately.
SCC: 8- or 11-pin octal type sockets supplied with timer. (Must be used to qualify as "UL Listed" device.)
Weight: SCB: 5.3 oz ( 149 g ) approx.; SCC: 7.5 oz ( 210 g ) approx.
Ordering Information (All "X's" must be included to complete part number)


## Authorized distributors are likely to stock the follow ing:

None at present.

