CAUTION:
If unit has not been energized for several months, apply operating voltage for 20 minutes prior to initial time delay.

Timing Modes

True Off-Delay – Upon application of operating voltage (min. 100ms), output relay contacts transfer. When operating voltage is removed, the time delay period is initiated. At the end of the delay period, output relay contacts release. If operating voltage is reapplied prior to expiration of the delay period, the delay will be cancelled and output relay contacts will remain transferred.

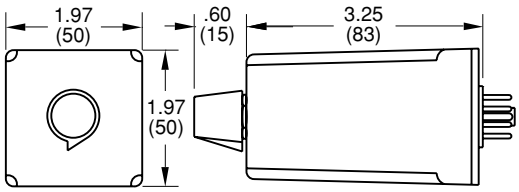
Timing Specifications

Timing Ranges: 0.1 to 3 / 0.5 to 15 / 1 to 30 / 4 to 120 / 10 to 300 sec.; 0.33 to 10 min.
Timing Adjustment: Knob adjustment - Internal potentiometer with external knob adjustment. Maximum time calibrated with +10%, –0% of values shown below at rated voltage, at 68°F. Fixed time – internal fixed resistor.
Accuracy: **Repeat Accuracy:** ±1.
Overall Accuracy: ±5%.
Reset Time: 30 ms. min.
Relay Operate Time: 30 ms.

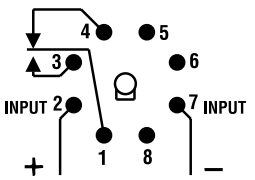
Contact Data @ 25°C

Arrangements: 1 Form C (SPDT) and 2 Form C (DPDT).
Rating: 1 Form C: 10A @ 120/240VAC, resistive; 1/3 HP @ 120VAC; 345VA @ 120VAC; 1/4 HP @ 240VAC; 275VA @ 240VAC. Same polarity.
2 Form C: 5A @ 28VDC or 120/240VAC, resistive; 1/6 HP @ 120/240VAC; 200VA @ 120/240VAC. Same polarity.
Expected Mechanical Life: 10 million operations.
Expected Electrical Life: 200,000 operations, min., at rated resistive load.

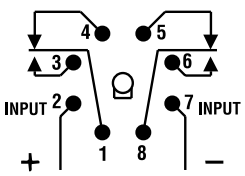
Outline Dimensions



Wiring Diagrams (Bottom Views)



Fixed Time
Or Knob Adjust



Fixed Time
Or Knob Adjust

SCE series

Specification Grade Discrete Plug-in True Off-Delay Time Delay Relay

- True Off-Delay timing modes
- Six time delays from 0.1 sec. to 10 min.
- 10A SPDT or 5A DPDT output contacts.
- Excellent repeat accuracy – typically better than ±1%.
- 8--pin octal plug.

File E15631
File LR51332 CE

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.

Initial Dielectric Strength

Between Terminals and Case and relay contacts and active circuitry: 1,480VAC for one minute.

Input Data @ 25°C

Voltage: See Ordering Information section for details.
Power Requirement: 750mw.
Transient Protection: 1,000V plus twice rated voltage for 0.1 ms.

Environmental Data

Temperature Range: **Storage:** -40°C to +85°C.
Operating: -30°C to +65°C.

Mechanical Data

Mounting/Termination: 8-pin octal plug fits either 27E122 or 27E891 (snap-on) socket (order separately).
Weight: 4 oz. (112g) approximately.

Ordering Information

SCE	R	X	2	2	A	C	A
Series SCE True Off-delay Timer	**Agency Recognition** R = UL recognized	**Output Rating** W = 10A (SPDT) X = 5A (DPDT)	**Operating Mode** 2 = True Off-Delay	**Output** 1 = SPDT (W) 2 = DPDT (W)	**Operating Voltage (+10%, –15%)** A = 120VAC, 50/60 Hz. / 125VDC E = 24VAC, 50/60 Hz. / 24VDC F = 48VAC, 50/60 Hz. / 48VDC	**Timing Range** A =0 .1 to 3 sec. B = 0.5 to 15 sec. C = 1 to 30 sec. E = 4 to 120 sec. G = 10 to 300 sec. L = 0.33 to 10 min.	**Timing Adjustment** A = Knob Adjust F = Fixed Times – Specify time delay in seconds per the following examples: XF9.000 = 9 sec. XF99.00 = 99 sec. XF999.0 = 9999 sec. XF1000 = 1000 sec.

Authorized distributors are likely to stock the following:

None at present.