SCE Series, Specification Grade Discrete Plug-in, True Off-Delay Time Delay Relay



Product Facts

- **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**

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

Timing Specifications

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 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.

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.

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

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

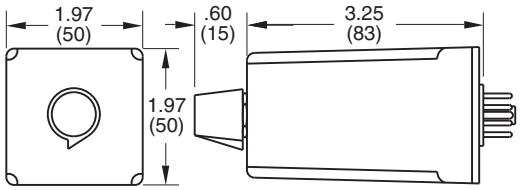
Environmental Data

Temperature Range —
Storage — -40°C to +85°C
Operating — -30°C to +65°C

Mechanical Data

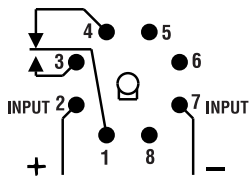
Mounting/Termination — 8-pin octal plug fits either 27E122 or 27E891 (snap-on) socket (order separately)

Weight — 4 oz. (112g) approximately

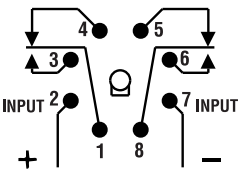


Outline Dimensions

Wiring Diagrams (Bottom Views)



Fixed Time Or Knob Adjust



Fixed Time Or Knob Adjust

Ordering Information (All "X's" must be included to complete part number)

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.

Catalog 5-1773450-5
Revised 3-13

www.te.com

Dimensions are shown for reference purposes only. Specifications subject to change.

Dimensions are in millimeters unless otherwise specified.

USA: +1 800 522 6752
Asia Pacific: +86 0 400 820 6015
UK: +44 800 267 666

For additional support numbers please visit www.te.com

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Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

TE Connectivity:

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650075-000 1743455-2 1969656-1 2-32562-2 917790-2 1393431-1 3-1393225-0 36161 640174-1
2834055-1 35402K7FT 1MM-HU-D10-VS-00-F-TBP 2-520128-2 936348-1 CRGCQ2010J3K3 1-1743284-2
141991-2 SMV3W5M6JT 2-520103-2 281990-2 CRGCQ0805F150R SMW73R0JT