SCB/SCC Series, Specification Grade Discrete Plug-in, Time Delay Relay

Product Facts

- **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**
- **File 3520, File E60363, File LR51332, File E60363 (SCC only)**

Timing Specifications

Timing Modes —
On-Delay, Off-Delay and Interval

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 (internal fixed resistor) — all models; customer supplied external potentiometer or resistor — On-Delay and Interval models only.

Accuracy —
Repeat Accuracy — ±0.5% ±0.004 sec.
Overall Accuracy — ±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.

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.

Contact Data @ 25°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.

Input Data @ 25°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	<0.1 ms	<1 ms
All except 12 & 24	3,000V	2,500
12 & 24	Consult Factory	

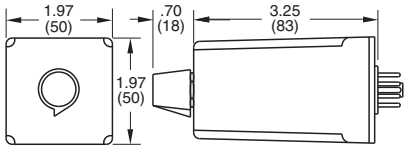
Environmental Data

Temperature Range —
Storage —
SCB and SCC — -40°C to +85°C
Operating —
SCB: -30°C to +65°C;
SCC: -30°C to +50°C

Mechanical Data

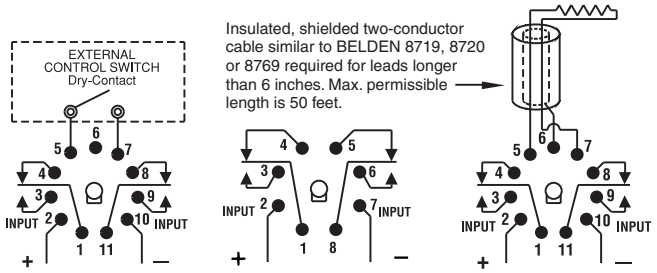
Mounting/Termination —
SCB — UL recognized. Optional 8- or 11-pin octal-type sockets may be ordered separately.
SCC — 8- or 11-pin octal type sockets supplied with timer. (Must be used to qualify as "UL Listed" device.)

Weight — SCB: 5.3 oz. (149g) approx.; SCC: 7.5 oz. (210g) approx.



Outline Dimensions

Wiring Diagrams (Bottom Views)



Off-Delay Fixed or Knob Adjust | **On-Delay & Interval Fixed or Knob Adjust** | **On-Delay & Interval External Potentiometer or Resistor Adjust**

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

SCB RX 01 2XX A A XA

Series SCB
Series SCC
Discrete
Industrial
Timer

Mounting Series SCB
RX = 8- or 11-pin socket (order separately)

Mounting Series SCC
LA = 8-pin socket p/n BCSA08SC for operating mode 01 or 03 with knob adjust or fixed time.
LC = 11-pin socket p/n BCSA11SC for operating mode 02; or 01 or 03 with external potentiometer or resistor.

Operating Mode
01 = On-Delay
02 = Off-Delay
03 = Interval

Output
2XX = DPDT Relay

Operating Voltage (+10%, –15%)
A = 120VAC, 50/60 Hz. / 120VDC
B = 240VAC, 50/60 Hz.
E = 24VAC, 50/60 Hz. / 24VDC
F = 48VAC, 50/60 Hz. / 48VDC
Q = 12VDC

Timing Range
A =0 .1 to 3 sec.
B = 0.5 to 15 sec.
C = 1 to 30 sec.
D = 2 to 60 sec.
E = 4 to 120 sec.
F = 6 to 180 sec.
G = 10 to 300 sec.
I = 2 to 60 min.
K = 3 to 180 cycles
L = 0.33 to 10 min.
M = 0.5 to 15 min.
N = 1 to 30 min.
P = 0.1 to 10 min.

Timing Adjustment
XA = Knob Adjust
XB = External Potentiometer or resistor (Operating modes 1 and 3 only).
XF =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.

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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

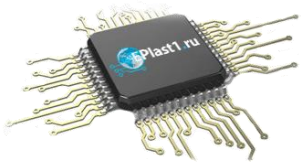
Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits,General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

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