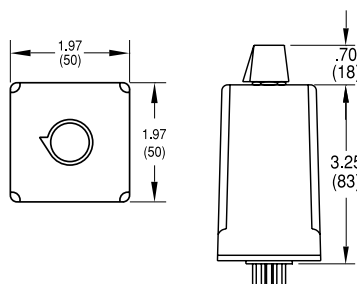
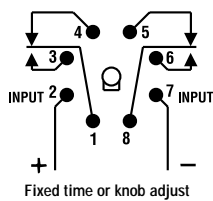


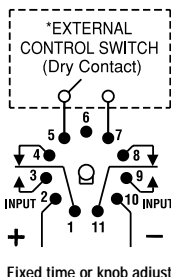
Discrete Plug-In Timing Relays – Series SCB/SCC Specification Grade Precision



On-Delay & Interval

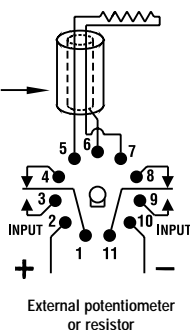


Off - Delay



On-Delay & Interval

Insulated, shielded two-conductor cable similar to Belden, 8719, 8720, or 8760, required for leads longer than six inches. Maximum permissible length fifty feet.
 LA- 8 pin octal socket P/N BCSA08SC for operating mode 01 or 03 with knob adjust or fixed time
 LC- 11 pin octal socket P/N BCSA11SC for operating modes 02; or 01 or 03 with external potentiometer or resistor



DESIGN FEATURES

- ◆ On-Delay, Off-Delay, and Interval operating mode
- ◆ Timing from 0.1 sec. to 60 min.
- ◆ Available with knob adjustment fixed time, or external potentiometer
- ◆ Rated for pilot duty
- ◆ 10A DPDT output contacts
- ◆ Premium components
- ◆ Available with UL Approvals

SPECIFICATIONS

Operating Modes:

Type 01: On-Delay Type 02: Off-Delay
 Type 03: Interval

Timing Adjustment: Knob Adjustment, fixed time (internal fixed resistor), or customer supplied external potentiometer/fixed resistors.

Timing Ranges: (+5% - 0% of maximum values):
 Thirteen timing ranges from 0.1 sec. to 60 min. as shown below. For external potentiometer or fixed resistor units:

6 to 180 cyc.	6 to 180 sec.
.1 to 3 sec.	10 to 300 sec.
.1 to 10 sec.	2 to 60 min.
.5 to 15 sec.	.33 to 10 min.
1 to 30 sec.	.5 to 15 min.
2 to 60 sec.	1 to 30 min.
4 to 120 sec.	

Accuracy: Repeat Accuracy: ±0.5% + 4 msec.
 Overall Accuracy: ±2% max.

Reset Time: 25 msec

Relay Release Time (Type 01): 15 msec. max.

Relay Operate Time: Type 02: 30 msec.; Type 03: 20 msec.

Operating Voltage: (+10%, -15%)

120VAC, 50/60Hz or 125VDC
 240VAC, 50/60Hz or 125VDC
 24 VAC, 50/60Hz or 24VDC
 48VAC, 50/60Hz or 48VDC
 12VDC

Transient Protection: 3000 Volts, 100 microsec-onds; 2500 Volts, 1 millisecond; 12 Volt and 24 Volt models - Consult Factory.

Output: DPDT Relay; 1/3 HP, 120/240 VAC; 345 VA 120/240 VAC; 10A 28 VDC, 120 VAC; Same Polarity

Life: Electrical: 500,000 operations at rated resistive load

Mechanical: 10,000,000 operations

Dielectric: 1000 Volts plus twice the nominal voltage for a duration of 1 minute.

Temperature Range:

Operating: *Series SCC:* -22°F to +122°F (-30°C to +50°C)

Series SCB: -22°F to +149°F (-30°C to +65°C)

Storage: -40°F to +185°F (-40°C to +85°C)

Mounting/Terminals: *Series SCB:* UL Recognized. Optional 8 or 11-pin octal sockets may be ordered separately. *Series SCC:* 8 or 11-pin octal sockets supplied with timer. (Must be used to qualify as "UL Listed" device.)

Power Consumption: 3 watts

Approximate Weight: 5.3 ounces (149 grams) SCB; 7.5 ounces (210 grams) SCC

ORDERING INFORMATION

Note: All "X"s must be included to form a complete catalog number.

SCB	RX	01	2XX	A	A	XA
Series SCB Series SCC Industrial Timer		Operating Mode 01 - On-Delay 02 - Off-Delay 03 - Interval	Output 2XX - DPDT Relay	Operating Voltage (+10%, -15%) A - 120VAC / 125 VDC B - 240 VAC E - 24 VAC / 24 VDC F - 48 VAC / 48 VDC Q - 12 VDC	Timing Range A - .1 to 3 sec. B - .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 - 6 to 180 cyc. L - .33 to 10 min. M - .5 to 15 min. N - 1 to 30 min. P - .1 to 10 sec.	Timing Adjustment XA - Knob Adjust XD - External Potentiometer or Resistor (Operating Modes 1 and 3 only) XF - Fixed Times (Specify setting) Example: XF9.000=9 sec. XF99.00=99 sec. XF999.0=999 sec. XF1000=1000 sec.
Mounting Series SCB RX- 8 or 11 pin octal type socket (Order socket separately)	Mounting Series SCC LA- 8-pin octal socket P/N BCSA08SC for operating mode 01 or 03 with knob adjust or fixed time.	LC - 11-pin octal socket P/N BCSA11SC for operating modes 02; or 01 or 03 with external potentiometer or resistor.	Sockets Available 8-pin octal type: BDS08SS; 11-pin octal type: BDS11SS. See page 17.			

