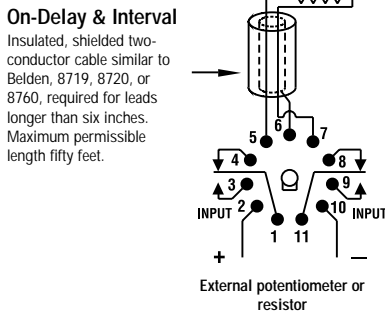
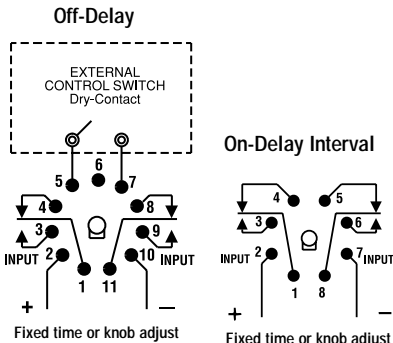
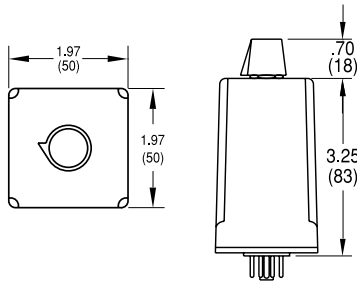


Discrete Plug-In Timing Relays – Series SSC Specification Grade



DESIGN FEATURES

- ◆ On-Delay, Off-Delay, or Interval operating modes available
- ◆ 13 Timing ranges from 0.1 sec. to 60 min.
- ◆ 10A DPDT output contacts
- ◆ High accuracy and reliability
- ◆ Exceptional immunity to transients and noise
- ◆ Excellent repeat accuracy $\pm 1\%$ or better
- ◆ Superior transient protection
- ◆ Wide operating temperature range

SPECIFICATIONS

Operating Modes:

Type 1: On-Delay Type 2: Off-Delay
Type 3: Interval

Timing Adjustment: Knob or fixed time (internal fixed resistor) all models; external potentiometer or fixed resistor, SSC12 & SSC32 (supplied by customer).

Timing Ranges: ($\pm 10\%$, -1% of maximum values)
Thirteen discrete timing ranges from 0.1 sec. to 60 min. 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.	.33 to 10 min.
.5 to 15 sec.	.5 to 15 min.
1 to 30 sec.	1 to 30 min.
2 to 60 sec.	2 to 60 min.
4 to 120 sec.	

Accuracy:

Repeat Accuracy: $\pm 1\% + 4$ msec (at any fixed combination of operating temperature and voltage)
Overall Accuracy: $\pm 5.25\%$ (throughout operating temperature and voltage ranges)

Reset Time: 25 msec (minimum deenergized interval, SSC12 & SSC32, or minimum required closure interval, SSC22 without affecting accuracy).

Relay Release Time (SSC12 only): 20 msec

Relay Operate Time (SSC22 only): 35 msec

Operating Voltage: $\pm 10\%$, -15%

120 VAC, 50/60Hz, or 120 VDC
240 VAC, 50/60Hz
24 VAC, 50/60Hz, or 24 VDC
48 VAC, 50/60Hz, or 48 VDC
12 VDC ($\pm 10\%$)

Transient Protection: Non-repetitive transients of the following magnitudes will not cause spurious operation or affect function and accuracy of SSC timers:

Operating Voltage	<0.1 msec	<1 msec
12 VDC	1000 Volts	240 Volts*
24 VAC/DC	1000 Volts	240 Volts*
48 VAC/DC	1000 Volts	480 Volts*
120 VAC, 120 VDC	3000 Volts	2500 Volts*
240 VAC	3000 Volts	2500 Volts*

* Minimum source impedance of 100 ohm

Output: DPDT Relay; 10 Amps Resistive, 28VDC/120 VAC; 1/3 HP, 120/240 VAC

Life: (Output Relay)

Electrical: 500,000 operations
Mechanical: 10,000,000 operations

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

Temperature Range:

Operating: -22°F to $+149^\circ\text{F}$ (-30°C to $+65^\circ\text{C}$)
Storage: -40°F to $+185^\circ\text{F}$ (-40°C to $+85^\circ\text{C}$)

Mounting/Terminals: 8 or 11 pin octal-type plug

Power Consumption: 3 watts

Approximate Net Weight: 4 ozs. (112 grams)

ORDERING INFORMATION

SSC	2	2	A	A	A
Series SSC Industrial Timer	Operating Mode 1 - On-Delay 2 - Off-Delay 3 - Interval	Output 2-DPDT Relay	Operating Voltage A - 120 V 50/60 Hz or 120 VDC B - 240 V 50/60 Hz C - 24 V 50/60 Hz or 24 VDC D - 48 V 50/60 Hz or 48 VDC E - 12 VDC	Timing Range (Field Selectable) 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. H - 2 to 60 min. I - 6 to 180 cycles J - .33 to 10 min. K - .5 to 15 min. L - 1 to 30 min. M - .1 to 10 sec.	Timing Adjustment A - Knob Adjust D - External Potentiometer or Resistor (Operating Modes 1 and 3 only) F - Fixed Times (Specify time delay in seconds) Example: F9.000=9 sec. F99.00=99 sec. F999.0=999 sec. F1000=1000 sec.
Sockets Available 8-pin octal type socket: BDS08SS 11-pin octal type socket: BDS11SS See page 17.					