
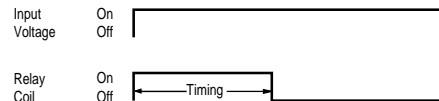


NCC**National Controls Corporation**Phone **800-323-2593****630-231-5900**Fax **630-231-1377****Features**

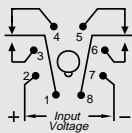
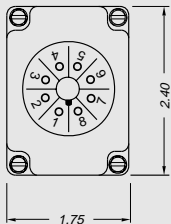
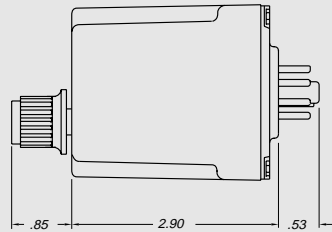
-  File #E59090
- 100% Life Tested
- Digital Timing Circuit
- Time Delays To 1 Hour
- ± 1% Repeatability
- Superior Transient Protection
- Fiberglass Reinforced Circuit Board
- Internal Components Supported By Heavy-duty Chassis
- Reinforced Base Locator Pin
- Flame-Retardant Polycarbonate Housing
- Made in U.S.A.

**Logic Function Diagram:****Specifications****Time Delay****Adjustment:** Knob, factory fixed on special order (Minimum order required)**Range:** 50 mS to 1 hour in 10 ranges**Repeatability:** ± 1% at constant temperature**Accuracy:** Maximum time -0%, +10%;
Minimum time +0%, -50%**Reset Time:** 50 milliseconds maximum**Input****Operating Voltage:** 24, 120 VAC; 12, 24 VDC
± 10% (D.C. models have reverse polarity protection. Unfiltered input voltage to them must be full-wave rectified)**Power Consumption:** 3 VA maximum**Frequency:** 50/60 Hz**Output****Type:** Relay Contacts, D.P.D.T. (2 form C)
Silver Cad. Oxide material**Rating:** 10 amp. max. resistive at 240 volts A.C.
100 mA at 5 VDC min. load current**Life:** Mechanical -10,000,000 operations
Full Load - 500,000 operations

Time Delay Relays



















[Previous](#)[Contents](#)[Next](#)

Interval S1 Series

Operating Logic: Upon application of voltage to the input terminals, the relay coil is activated and the timing cycle starts. At the end of the pre-set time delay, the relay coil is de-activated. Reset is accomplished by removal of the input voltage.PIN CONFIGURATION
Polarity Shown is
for D.C. Models**Protection****Transient Voltage:** 12 and 24 volt timers are protected by an 8.8 joule metal oxide varistor; 120 volt timers are protected by a 30 joule metal oxide varistor**Dielectric Breakdown:** 1500 VAC, RMS minimum at 60 Hz between input and outputs and between outputs**Mechanical****Termination:** 8-pin plug-in base**Mounting:**

Socket Mount - Part Number MSO-0008P-012

Environmental**Storage Temperature:** -23°C to 70°C**Operating Temperature:** -23°C to 55°C[Click for Where to Buy](#)

Input Voltage and Appropriate Part Numbers				
Time Range	12VDC	24VDC	24VAC	120VAC
.05 -2 Seconds				S1K-00002-461
.05 -5 Seconds				S1K-00005-461
.1-10 Seconds	S1K-00010-466	S1K-00010-462	S1K-00010-467	S1K-00010-461
.3-30 Seconds				S1K-00030-461
.6-60 Seconds	S1K-00060-466	S1K-00060-462	S1K-00060-467	S1K-00060-461
1.2-120 Seconds				S1K-00120-461
1.8-180 Seconds	S1K-00180-466	S1K-00180-462	S1K-00180-467	S1K-00180-461
3-300 Seconds				S1K-00300-461
6-600 Seconds				S1K-00600-461
36-3600 Seconds	S1K-03600-466	S1K-03600-462	S1K-03600-467	S1K-03600-461

 **Call For Availability****1**