

Interval

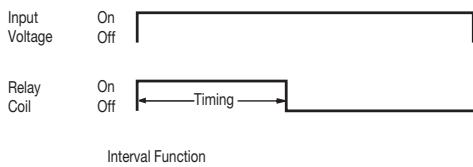
Z4 Series

FEATURES

- 100% functionally tested
- No false contact transfer when reset during timing
- Digital timing circuit
- Time delays to 5 minutes
- $\pm 1\%$ repeatability
- Fast-on terminals for quick installation
- Low cost, open board construction
- Fiberglass reinforced circuit board
- Trimpot on-board with sealed cermet element
- File #E59090

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 preset time delay, the relay coil is deactivated. Reset is accomplished by removal of the input voltage.

LOGIC FUNCTION DIAGRAM



SPECIFICATIONS

TIME DELAY

Adjustment: Trimpot, factory fixed on special order (min. order required)

Range: 3 to 300 sec. (other ranges available on special order)

Repeatability: $\pm 1\%$ at constant temperature

Accuracy:

Maximum time -0%, +10%

Minimum time +0%, -50%

Reset Time: 400 ms max.

INPUT

Operating Voltage: 120 VAC $\pm 10\%$

Power Consumption: 3 VA max.

Frequency: 50/60 Hz

OUTPUT

Type: Relay contacts, DPDT (2 form C)

Rating: 10 A max. resistive at 240 VAC; 100 mA at 5 VDC min. load current

Life:

Mechanical: 10,000,000 operations

Full Load: 500,000 operations

PROTECTION

Transient Voltage: Timers are protected by a 30 joule metal oxide varistor

Dielectric Breakdown: 1500 VAC, RMS min. at 60 Hz between input and outputs and between outputs

MECHANICAL

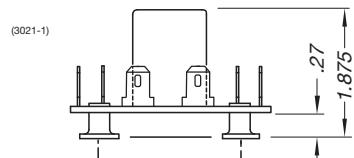
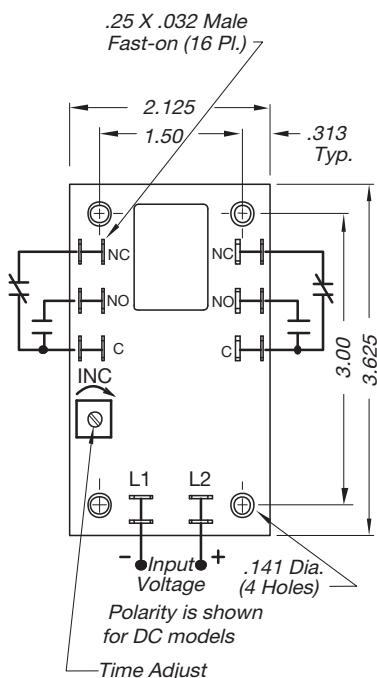
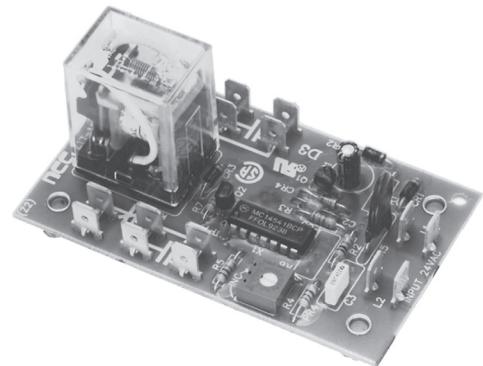
Termination: .25" x .032" male fast-on terminals

Mounting: .25" standoffs. #6 screw

ENVIRONMENTAL

Storage Temperature: -23°C to 70°C

Operating Temperature: -23°C to 55°C



ORDERING INFORMATION

TIME RANGE	120 VAC
3 to 300 sec.	Z4T-00300-061

Consult factory for any special requirements not listed in catalog (minimum order requirement may apply).