SERIES 5800
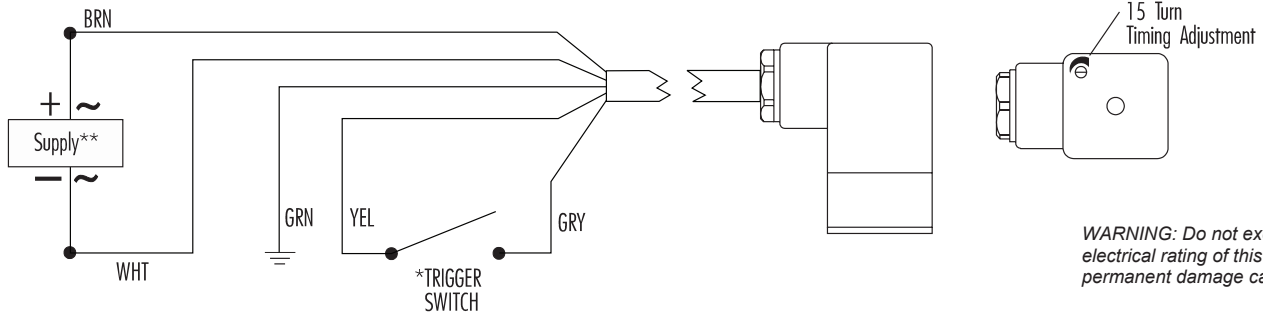## MICRO LOGIC TIMER (MLT)

INSTALLATION GUIDE
FOR 583X / 586X / 587X / 588X

WARNING: Do not exceed the electrical rating of this device or permanent damage can result.
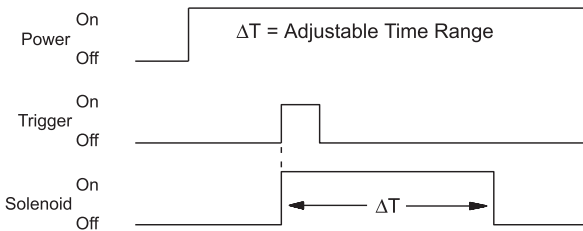
Timing Adjustment:
This timer allows 15 turns of adjustment over the timing range. Divide the selected range by 15. This results in a seconds per turn ratio to aid in your adjustment. The adjustment knob should be turned about 15-20 turns counter-clockwise to insure you are starting at minimum. Add the number of turns clockwise to reach the approximate desired timing. Some additional adjustments may be necessary depending on the desired accuracy.

*Consult factory for hook-up to PLC or other solid state devices used for triggering.
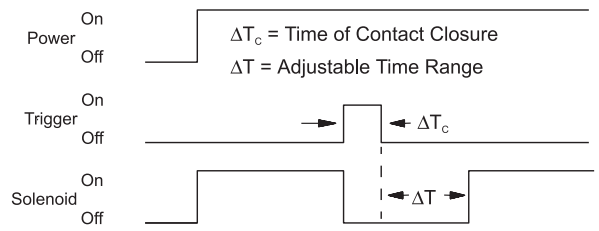**Polarity must be observed for DC but not for AC operation.

Timing Diagrams

Off Delay/(Triggered One Shot) - Timer Type 3
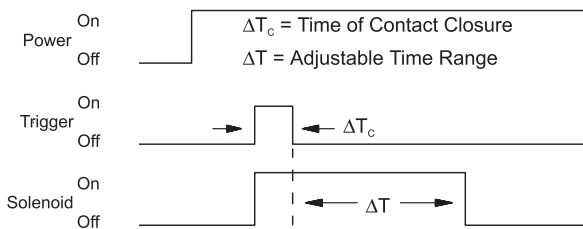

ΔT = Adjustable Time Range

When power is applied, solenoid remains OFF. Solenoid is energized for ΔT only upon closure of a normally open momentary contact switch (trigger). Reset occurs when solenoid is OFF and trigger is re-applied.

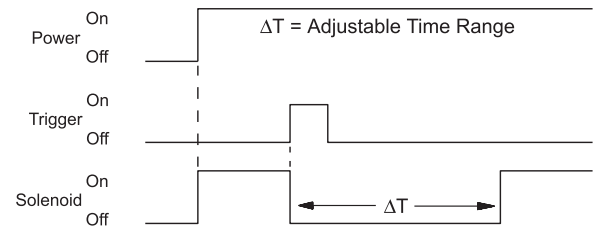*Delay On Break Normally On - Timer Type 7*

ΔT_c = Time of Contact Closure
ΔT = Adjustable Time Range

When power is applied, solenoid is energized and remains energized until the trigger switch is closed. Solenoid is then OFF for ΔT_c + ΔT. Reset occurs when solenoid is ON and the trigger is re-applied.

Delay On Break Normally Off - Timer Type 6

ΔT_c = Time of Contact Closure
ΔT = Adjustable Time Range

When power is applied, solenoid remains OFF. Solenoid is energized for ΔT_c + ΔT when trigger switch is closed and opened. Reset occurs when solenoid is OFF and trigger is re-applied.

Triggered One Shot Normally On - Timer Type 8

ΔT = Adjustable Time Range

When power is applied, the solenoid is energized. Solenoid de-energizes for ΔT only upon closure of a normally open momentary contact switch (trigger). Reset occurs when solenoid is ON and the trigger is re-applied.