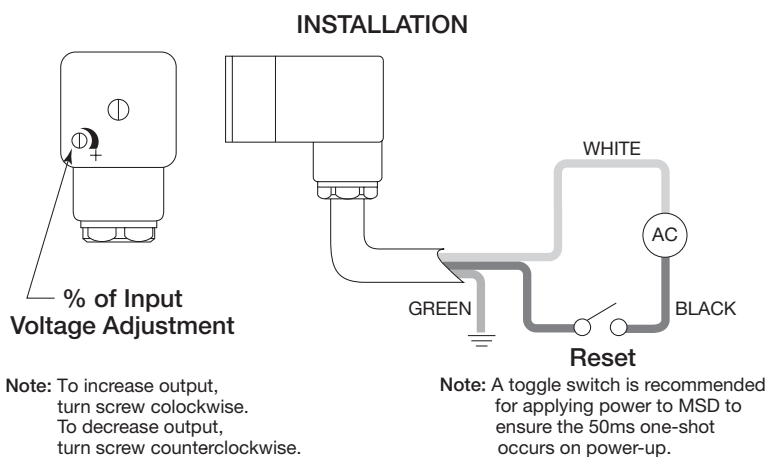


Z-Cool DIN-7612 Cool DIN® Solenoid Driver Hold-In

How it Works:

The Z-Cool DIN-7612 allows the input line voltage directly to the coil for a fixed single shot of 50 milliseconds. After that period, the Z-Cool DIN-7612 automatically pulses the input voltage to the coil. The Z-Cool DIN-7612 turns the power on and off so fast that the armature does not respond. By adjusting the off period so that it is longer than the on period, the net RMS voltage decreases and wattage is decreased. Many coils can be adjusted much lower than expected due to the high input that is still entering the coil, but only in a smaller percentage of the time.

Features:

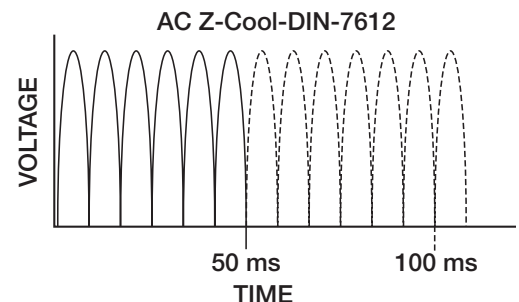


- Speed operator cycle rates with greater consistency.
- Enables coils to be energized for extended periods without burnout.
- Saves energy by reducing overall consumption.
- Reduces hold-in voltage to reduce coil heat related losses.
- Increases coil life expectancy.
- Enclosure NEMA 4 accepted.
- All versions have LED indicator lights.

Output Waveforms:

- Ambient Temperature Range: -20°C to 50°C
- Input Voltage: 120 VAC
- Maximum Output Current: 8 Amps inrush for 50 ms/1 Amp holding
- Maximum Input Voltage Tolerance: 10%
- Output Voltage: DC
- Maximum Allowable Input DC Ripple: 20% peak to peak

Electrical Data:



Ordering Information:

- Part #: Z-Cool-DIN-7612

Note: This connector must be operated with the following coils:

W11: 6965-230/50 (538 ohms)
W20: 5429W-120/60 (320 ohms)