

# ULTRA-ZONE<sup>®</sup>

Forced Air Zone Controls

## SUBMITTAL SHEET

Model R1 (90-370)  
SPDT Relay with 24vac Coil

The Model R1 is a heavy duty general purpose Single Pole Double Throw Relay. The Model R1 features a compact and totally enclosed design for use in HVAC applications and general switching. The Model R1 is quiet, reliable and economical.

Technical Data

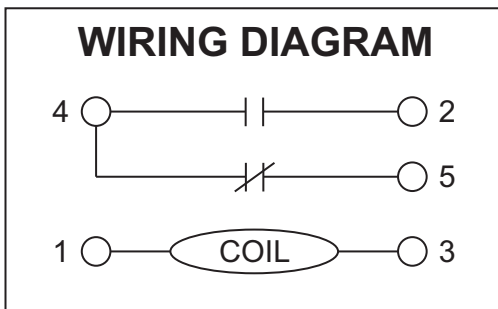
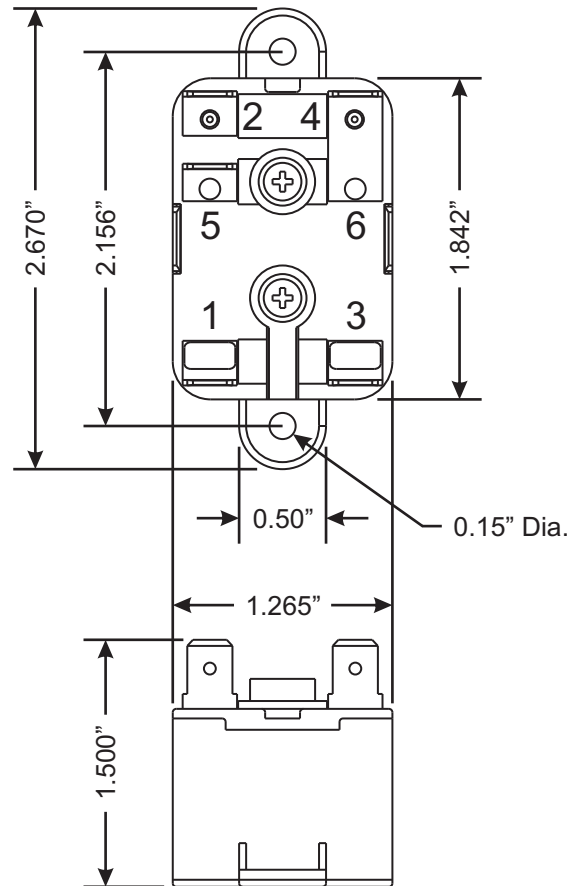
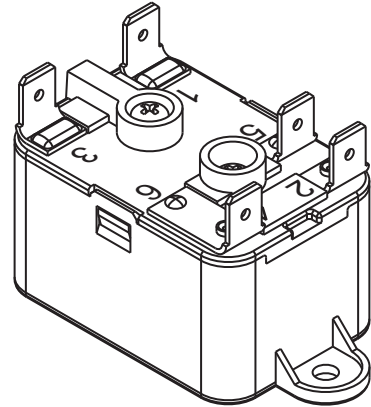
Temperature Range.....-40°F to 150°F  
 Mechanical Life (No Load).....1,000,000 operations, 120 operations/min  
 Electrical Life (Rated Load).....100,000 operations, 6 operations/min.  
 Load test making inrush rating (0.4 to 0.5 P.F.); breaking 100% continuous rating (0.65 to 0.8 P.F)  
 Weight (approximate).....2.3 oz.  
 Agency Listings.....U.L. File number E12139 or E22381;  
 C.S.A. File number LR13360.

**COIL DATA**

Voltage.....24vac, 50/60 Hz  
 DC Resistance.....77 Ω  
 Nominal Current.....125 mA  
 Nominal VA Sealed.....3 VA  
 Inrush VA.....4 VA  
 Duty Cycle.....Continuous  
 Insulation.....Class B  
 Termination.....1/4" Quick Connect

**CONTACT RATING**

Inductive.....12 Amps. Continuous;  
 60 Amps. Inrush @ 125 VAC  
 8 Amps. Continuous;  
 48 Amps. Inrush @ 250 VAC  
 Resistive.....18 Amps. Continuous @ 277 VAC



**SUBMITTAL FORM**

SUBMITTED BY: \_\_\_\_\_  
 JOB: \_\_\_\_\_  
 ARCHITECT: \_\_\_\_\_  
 ENGINEER: \_\_\_\_\_  
 CONTRACTOR: \_\_\_\_\_  
 LOCATION: \_\_\_\_\_



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