24A SERIES LEVEL-TEMP LOW VOLTAGE CONTROL SYSTEMS FOR ELECTRIC HEAT

Provides Silent Operation and Narrow Differential Control for Heating or Cooling Installations for Use with a 2-Wire 24 Volt Thermostat

FEATURES

• Level-Temp allows low voltage 2-wire thermostat to control line voltage loads such as baseboard heaters.
• Condit hub or screw mounting.
• Ideal for all types of electrical heat.
• Non-critical mounting angle. Universal break-off mounting tabs.
• Dual Level-Temp capable of controlling two separate loads.

SPECIFICATIONS

Dimensions Models 24A01 / 05 ........ 1 7/8" H x 4 1/8" W x 2 3/16" D
Dimensions Model 24A06 ............... 3 3/8" H x 4 3/16" W x 2 3/8" D
Dimensions Model 24A07 ............... 1 7/8" H x 4 7/8" W x 1 3/8" D

Single Level Temp
Switch Action ...................... SPST normally open
Average Time Delay ................. 45 seconds
Lead length ....................... 18 inches
Ambient temperature range ........ -20 to +140°F

Dual Level Temp
Switch Action ...................... Two independent: SPST normally open
Average Time Delay ................. 45 seconds
Lead length ....................... 18 inches
Ambient temperature range ........ -20 to +120°F

TECHNICAL HELP

Wiring and Dimension Drawing, 24A01 / 24A05 ... page 193

SINGLE LEVEL TEMPS – Normally Open

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Input Voltage / Frequency</th>
<th>Thermostat Current</th>
<th>A.C. Resistive (Non-inductive)</th>
<th>A.C. Motor Rating (Inductive)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>Full Load</td>
<td>Locked Rotor</td>
</tr>
<tr>
<td>2401G-3</td>
<td>240 VAC / 60 Hz</td>
<td>0.2A</td>
<td>25A, 6000W, 240v</td>
<td>12A, 240v, 72A, 240v</td>
</tr>
<tr>
<td>2401Z-10</td>
<td>347 VAC / 60 Hz</td>
<td>0.2A</td>
<td>17A, 5900W, 347v</td>
<td>– –</td>
</tr>
<tr>
<td>24A05A-1</td>
<td>120 VAC / 60 Hz</td>
<td>0.2A</td>
<td>25A, 3000W, 120v</td>
<td>16A, 120v, 96A, 120v</td>
</tr>
<tr>
<td>24A05E-1</td>
<td>208 VAC / 60 Hz</td>
<td>0.2A</td>
<td>22A, 5200W, 208v</td>
<td>12A, 208v, 72A, 208v</td>
</tr>
</tbody>
</table>

DUAL LEVEL TEMPS – Controls Two Independent Loads – Normally Open

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Input Voltage / Frequency</th>
<th>Thermostat Current</th>
<th>A.C. Resistive (Non-inductive)</th>
<th>A.C. Motor Rating (Inductive)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>Full Load</td>
<td>Locked Rotor</td>
</tr>
<tr>
<td>24A06G-1</td>
<td>240 VAC / 60 Hz</td>
<td>0.2A per switch</td>
<td>25A, 6000W, 240v</td>
<td>12A, 240v, 72A, 240v</td>
</tr>
</tbody>
</table>

① Electrical ratings apply to each switch load

NOTE: Delay approximately 30 seconds opening and 60 seconds closing

REPLACES HONEYWELL R841 SERIES