USE THE WIRING DIAGRAMS BELOW WHEN ENABLING PUMP FROM AM SERIES EQUIPMENT

**APPLICATION**

<table>
<thead>
<tr>
<th>AM SERIES 120VAC VOLTAGE TERMINALS</th>
</tr>
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<tbody>
<tr>
<td>BOILER LOOP PUMP 113 114</td>
</tr>
<tr>
<td>DHW PUMP* (SEE NOTE)</td>
</tr>
</tbody>
</table>

**Contact Ratings:**
- 20 Amp Resistive @ 277 Vac
- 20 Amp Ballast @ 277 Vac (N/O)
- Not rated for Electronic Ballast
- 10 Amp Tungsten @ 120 Vac (N/O)
- 770 VA Pilot Duty @ 120 Vac
- 1,110 VA Pilot Duty @ 277 Vac
- 2 HP @ 277 Vac
- 1 HP @ 120 Vac

**MANUFACTURER:** FUNCTIONAL DEVICES
**RELAY MODEL:** RIB2401SB

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**INSTALL THERMAL UNIT BETWEEN THESE TERMINALS**

**MANUFACTURER:** SQUARE D
**CONTACTOR MODEL:** 8911DPSG42V02

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**DHW PUMP APPLICATION NOTE:**
- IF USING A DIRECT TANK, USE AM TERMINALS 113 & 114
- IF USING INDIRECT TANK AND/OR HEATING WITH DHW PRIORITY, USE AM TERMINALS 107 (120V) & 108 (N)

**Full Load Amperes:** 40A
**Horsepower Ratings:** 3HP (115V, 1φ); 7.5HP (230V, 1φ)