



RADIANT HEATING
SYSTEMS

MULTI-PUMP RELAY

TECHNICAL BULLETIN



Application

The Multi-pump Relay provides switching control of multiple-line voltage loads and a single low-voltage load. This electrical device controls up to three pumps or circulators in radiant floor heating or other hydronic applications. The control features a priority demand option to optimize boiler size and operation.

Part Number

A3080301

Listed

UL Listed (E37601)

Electrical Requirements

120VAC +/-10%, 50/60Hz

Transformer Rating

24VAC, 10VA

Electrical Switch Rating

½ HP, 120VAC

Full load — 7.4A

Locked rotor — 43.2A

Resistive — 10.0A

Input

Thermostat/end switch —
24VAC (supplied)

Output

Radiant loop circulator —
120VAC, 10A

Heat demand —
dry contact, 24VAC/DC

Display

Status light emitting diode (LED)

