



RADIANT HEATING
SYSTEMS

SINGLE-PUMP RELAY

TECHNICAL BULLETIN



Application

The Single-pump Relay provides switching control of a line and low-voltage loads. This electrical device manages a circulator and boiler-operating control in a radiant floor heating or other hydronic application.

Part Number

A3010100

Listed

UL Listed (E37601)

Electrical Requirements

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

Transformer Rating

24VAC, 10VA

Electrical Switch Rating

¼" HP at 120VAC

Full load — 7.4A

Resistive — 10.0A

Input

Thermostat/end switch —
24VAC (supplied)

Output

Radiant loop circulator —
120VAC/10A

Heat demand —
dry contact, 24VAC/DC

