

Pump relays

Project information

| | |
|--------------------------------|-----------------|
| Job name: | Location: |
| Engineer: | Date submitted: |
| Contractor: | Submitted by: |
| Manufacturer's representative: | Approved by: |

Technical data

Prop 65 label required? Yes

Product information and application use

The Single-zone Pump relay controls the operation of a single circulator or pump from a 24-volt signal. The Three-zone Multi-pump Relay controls the operation of up to three pumps or circulators from dedicated 24-volt signals. The relay includes secondary low-voltage terminals for boiler operation and DHW priority options.



| Part name | Part no. | Operating voltage AC [VAC] | Voltage secondary AC (50VA) [VAC] | Current draw max. [A] | Ambient humidity non-condensing max [%] |
|-----------------------------|----------|-------------------------------|--------------------------------------|--------------------------|---|
| Single-zone Pump Relay | A3010100 | 120 | 24 | - | - |
| Three-zone Multi-pump Relay | A3080301 | 120 | - | 7.2 | 90 |

Installation

Connect the thermostat to the "T T" terminals on the switching relay. When the thermostat calls for heat, the boiler is given a signal to start. The appropriate circulator is only energized when the boiler is above the set low limit. Refer to the Uponor Three-zone Multi-pump Relay Instruction Sheet for additional information.

Related applications

Radiant Heating and Cooling Systems

Notes

Indoor use only!

Maximum Zones:
3 with priority

Footnotes

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Contact information

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