

Relay Controller

AKL08

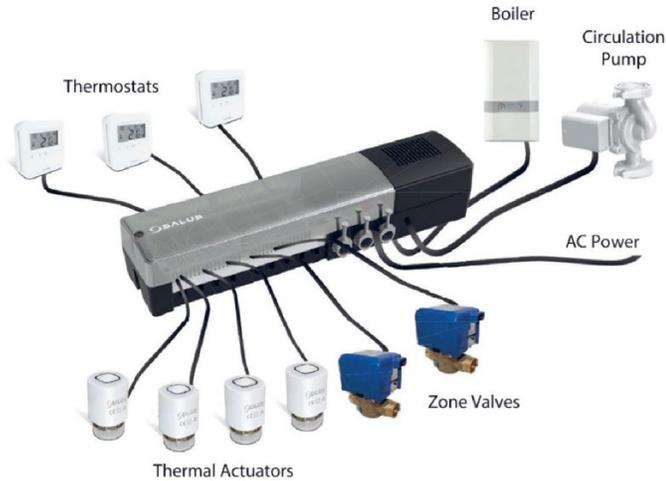


The SALUS AKL08 Relay Controller for underfloor heating systems is the perfect interface between thermostats and actuators. It ensures precise control for optimum comfort and efficiency. Volt-free connections for Pump and Boiler integration, 120 VAC power input, 24 VAC outputs, and Night Set Back control allow the AKL08 to fit any situation.

Benefits

- Built-in 24 VAC transformer simplifies wiring
- Powered outputs, up to 8 zones of 4 actuators, or 1 zone valve each
- Relay outputs for pump and/or boiler control
- Jumper configurable for NC or NO actuators
- Wire guides keep wiring neat and organized
- Three-minute ON delay eliminates the need for end switches

System Overview



Features

- Internal 24 VAC power transformer rates 3.3A
- Powered outputs up to 8 zones
 - 4 actuators per zone or
 - 1 zone valve per zone
- Quick connect output terminals
- 3-minute pump ON delay – no end switch required
- 0/15 minutes boiler off delay
- Built-in wire guides
- Accepts 2- or 3-wire thermostat inputs
- Individual or grouped night setbacks



Order Details

Model Name: Relay Controller

Model	Single Unit UPC	Carton GTIN
AKL08	817852020038	10817852020035 (4 pcs)

AKL08 Specifications

Controls

Reset (pinhole button)

Indicators

Zone LED – 8x
Boiler Enable
Pump Enable
Power

Configuration Switches

NC / NO Actuators
0 / 15 min Boiler Delay

Terminals

Power In (L, N, GND)
Actuator Outputs (4x) – 8x(80VA total load)
Boiler Contacts: max. 120 VAC, 3 A resistive
Pump Contacts: max. 120 VAC, 5 A, 1/3HP maximum
Thermostat Terminals (L, N, SL, ⊕) – 8x
Night Set Back (L, ⊕ 1-4, ⊕ 5-8)

Mechanical

Weight: 7.5 lb, 3.4 kg
Dimensions: 19.0" x 4.3" x 3.8", 483 x 109 x 96 mm

Power

Supply: 120VAC, 60 Hz
Fuse: 5x20 mm, 250 V, 4.0A fast-acting, High breaking current

Environmental Conditions

Operating: 32 - 122 °F, 0 - 50 °C, 5 - 95% RH, non-condensing
Storage: 14 - 140 °F, -10 - 60 °C, 5 - 95% RH, non-condensing

Agency Compliance

FCC, Industry Canada
ETL listed to UL-60730-1 and CAN/CSA-E60730-1

Warranty

5 years limited warranty

Compatible Devices

A30NO24, A30NC24, A30NC24EW Thermal Actuator
AHTR3024 Digital Thermostat
AH2430 Auto-balancing Actuator
AHTR5024 Programmable Thermostat
ST920WF Wi-Fi Thermostat

Note: Specifications are subject to change without notice

