

### Electrical Connections

#### 24 VAC Thermostat Connections

R / H | 24 VAC

W / ↑ | Call for Heat

C / N | 24 VAC common

#### Dry Contacts (rated 120 VAC, max. 2 A)

XX | Active Pump(s)

#### 120 VAC Connections

L | AC Line In

N | Zone Pump Line Out (max. 1/6 HP)

⊖ | AC Neutral

⊕ | Earth Ground

Fuse:  
5A slow blow,  
5x15mm (2AG)

### LED indicators

Name	Color	Meaning
Power	●	120 VAC power ON
Zone 1	●	Zone pump active

### Operational Summary

#### Zone Pump

The Zone pump will be activated when the thermostat calls for heat.

#### Auxiliary Output

XX: Contact closure when any zone is ON.



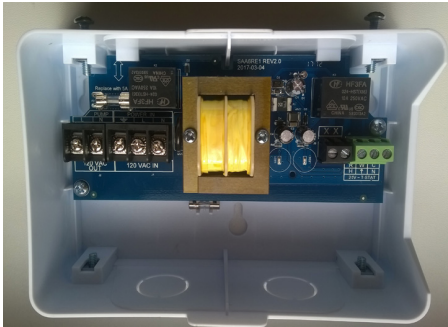
### Warning

- This product must be installed by qualified personnel and the installation must comply with the codes and regulations applicable to the municipality where this product is installed. Failure to do so could lead to injury, death or prosecution.
- Always disconnect the AC power before installing or working on AC power components.

- 1** Remove the plastic cover by unscrewing the 4 screws at the corners.



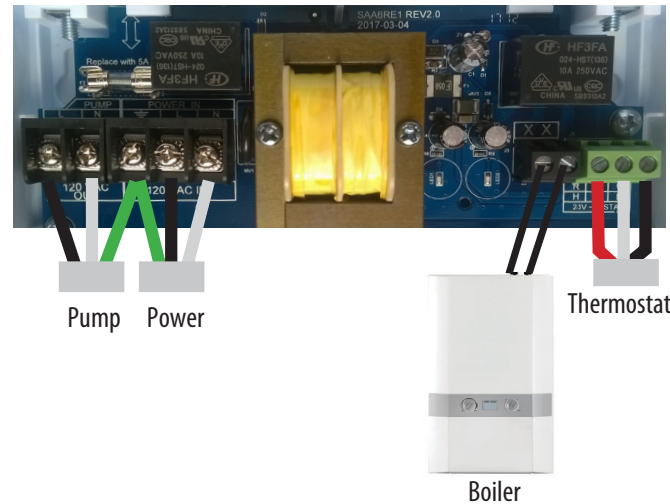
- 2** Attach the back of the AKL01P to the wall or in a suitable location, using the included hardware.



- 3** Disconnect the AC power to the AC wiring for the device.



- 4** Wire the device to the AC power supply and zone pumps using wiring appropriate for 120 VAC. Connect the other terminals as appropriate to other devices using proper wiring. Be sure to thread wiring through the knock outs and use cable clamps to fasten the wiring to the device.

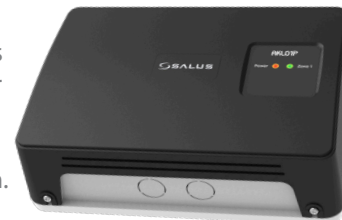


- 5** Make sure that the fuse is 5A, slow blow and inserted correctly.



- 6** Re-attach the plastic cover, securing it with the 4 screws and switch on the AC power to the unit.

The Power LED will come on.



## FCC Statements and Notices

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

## Industry Canada Notices

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.