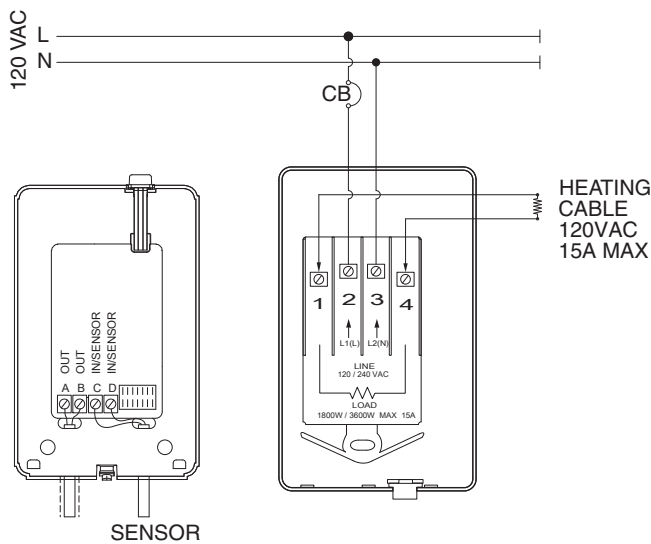
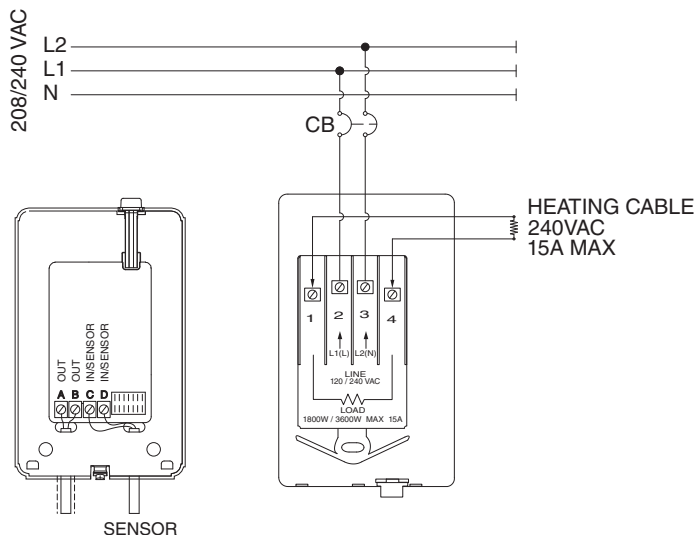


**Detail 1.** UDG-4999 housing dimensions.



**Detail 2.** UDG-4999 120 VAC wiring diagram.



**Detail 3.** UDG-4999 208/240 VAC wiring diagram.

## Installation Instructions

### UDG-4999 Thermostat

#### Electronic Floor Warming Thermostat with Built-In GFCI

Full Installation Instructions provided with product.

#### SET-POINT TEMPERATURE PROGRAMMING

The UDG-4999 is a programmable thermostat that can be set to automatic, manual, or comfort mode. The thermostat is supplied in automatic mode with pre-programmed factory set-point temperatures and event time settings. The automatic mode set-point temperature and event settings can be changed by the end user. The end user can also reprogram the thermostat to automatic adaptive mode, manual mode, or comfort mode.

#### Automatic Mode

The UDG-4999 can be programmed to automatically activate the heating cable, to start raising the floor temperature to set-point temperature at pre-set times on different days of the week.

#### Automatic Mode Adaptive Function

The UDG-4999 can be programmed to automatically determine when to activate the heating cable, so that the floor temperature reaches set-point temperature at pre-set times on different days of the week.

#### Comfort Mode

The set-point temperature can be temporarily changed for single programmed time. The set-point temperature is automatically reset after a selected number of hours and will return to automatic mode.

#### Manual Mode

The automatic mode can be switched to manual mode, and the set-point temperature will remain active until the end user changes it or returns to automatic mode. This is useful if the heated space is to remain unoccupied for a long period. For example: when vacationing the end user may wish to lower the set-point temperature to lower their energy bill.

#### THERMISTOR PROGRAMMING

The UDG-4999 thermistor can also be programmed with a high temperature set-point limitation.

#### BACKUP FUNCTION

In the event of a power failure, an internal circuit will maintain the programming and time. However, the time must be reset if the power failure exceeds two hours.

\*CIRCUIT BREAKERS PROVIDED BY OTHERS\*