

# Modulating non-programmable digital thermostat

## Features and benefits

- Heating and cooling outputs are individually configurable for 3-wire floating or on/off control in the normally open/closed modes
- Line voltage continuous 3-speed fan control
- Manual or automatic changeover
- Remote setback capability from a time clock or facility management system
- Fahrenheit or Celsius display capability
- Built-in purge cycle assists the controller to determine if the controlling agent is providing heating or cooling
- Microprocessor eliminates the necessity for tuning or calibration
- Set point may be calibrated to  $\pm 5$  °F

## Specifications

### Inputs

- **Power Input:** 20 to 28 Vac, nominal 24 Vac
- **Power Consumption:** 25 mA maximum at 24 Vac
- **Connections**
  - ◆ Power: up to 14 AWG wire
  - ◆ Control: up to 14 AWG wire

### Outputs

- **Electrical**
  - ◆ Output ratings: 10 VA at 24 Vac
  - ◆ Operating differential: 1 °F (0.6 °C)
  - ◆ Setpoint adjustment range: 50 to 90 °F (10 to 32 °C)
  - ◆ Changeover deadband: 3 °F (1.6 °C)
  - ◆ Proportional band: 2 °F (1.1 °C)
- **Mechanical**
  - ◆ Display range: 32 to 99 °F (0 to 37 °C)
  - ◆ Material: rigid vinyl
  - ◆ Finish: cool gray

### Environment

- **Temperature limits**
  - ◆ Shipping & storage: -30 to 130 °F (-34 to 55 °C)
  - ◆ Operating: 32 to 130 °F (0 to 55 °C)
- Humidity: 95% non-condensing
- Shipping weight: 0.6 lbs. (270 g)
- Location: NEMA Type 1
- **Agency listings**
  - CE: Compliant

## Fan switch current ratings (amps)

Voltage	Inductive		Resistive amps	Pilot duty
	FLA	LRA		
24	N/A	N/A	N/A	24 VA
120	5.8	34.8	6.0	125 VA
240	2.9	17.4	5.0	125 VA
277	2.4	14.4	4.2	125 VA

