

Thermostats

Electronic Digital Line Voltage

THERMOSTATS & CONTROLS



| | TH108PLUSA | TH114A240DBA | TH106A | TL8230A1003/U | YTL9160AR1000OW |
|------------------|--|--|--|--|---|
| Action | Triac: Silent Operation | Electronic Switch | Triac: Silent Operation | Microprocessor | Microprocessor |
| Type | 12.5A Resistive 2-wire SPST | 15 A Resistive 4-wire DPST | 16.7A Resistive 2-wire SPST | 16.7 A Resistive 4-wire DPST | 12.5A Resistive 2-wire SPST |
| Watt Rating | Minimum: 2-amp load | No minimum load | Minimum: 2-amp load | No minimum load | Minimum: 0.4-amp load |
| 120v | n/a | n/a | 2000 watts | n/a | 1500 watts |
| 208v | n/a | n/a | n/a | 3120 watts | 2600 watts |
| 240v | 3000 watts | 3600 watts | 4000 watts | 3600 watts | 3000 watts |
| 277v | n/a | n/a | n/a | n/a | n/a |
| Pilot Duty | No | No | No | No | No |
| Temp. Range (°F) | 40°F to 85°F | 40°F to 85°F | 40°F to 85°F | 40°F to 85°F | 40°F to 85°F |
| Differential | Accuracy: Within +/- 0.27°F | Accuracy: Within 1°F of setpoint | Accuracy: Within +/- 0.27°F | Accuracy: Within 1°F of setpoint | Accuracy: Within +/- 1°F |
| Features | Digital, non-programmable 12.5amp model delivers exceptional accuracy. Ideal for radiant ceiling panels and baseboard. Not for fan-forced heaters. | Digital, non-programmable model delivers exceptional accuracy. Ideal for radiant ceiling panels and baseboard. Can be used for fan-forced heaters. | Digital, programmable high capacity model delivers exceptional accuracy. Ideal for radiant ceiling panels and baseboard. Can be used for fan-forced heaters and resistive loads. | Digital, programmable model delivers exceptional accuracy. Ideal for radiant ceiling panels and baseboard. Can be used for fan-forced heaters. | Wireless, digital and programmable model delivers exceptional accuracy. Ideal for radiant ceiling panels and baseboard. Can be used for fan-forced heaters. |



Electronic Digital Low Voltage



| | CNTLTSTDNPIHIC | CNTLSSPBMS | TH5220D1003 |
|------------------|--|--|--|
| Action | Electronic Switch | Electronic Switch | Electronic Switch |
| Type | 24V .015 -1.0A @ 30V 2-wire | 24V .015 -1.0A @ 30V 2-wire | 24V .015 -1.0A @ 30V 5-wire |
| Watt Rating | - | - | - |
| 120v | n/a | n/a | n/a |
| 208v | n/a | n/a | n/a |
| 240v | n/a | n/a | n/a |
| 277v | n/a | n/a | n/a |
| Pilot Duty | 24VAC | 24VAC | 24VAC |
| Temp. Range (°F) | 40°F to 90°F | 40°F to 90°F | 40°F to 90°F |
| Differential | Accuracy: Within 1°F of setpoint | Accuracy: Within 1°F of setpoint | Accuracy: Within 1°F of set |
| Features | Digital, non-programmable 24V delivers exceptional accuracy. (Heat Only) | Digital touchscreen two stage thermostat runs 2/3 elements on stage 1 and full heat for stage 2. Comes with BACnet MS/TP BMS compatibility, 7 day scheduling, cooling mode (Fan-Only), temporary override, vacation mode, and keypad lock. | Digital, 24V 2-stage 5-7 wire heat and cool thermostat. One-touch temperature control with exceptional accuracy. Ideal for plenum heaters, and HVAC systems. |