

TOTALINE® PROTECTION CONTROLS

PROTECTION CONTROL – HEAD PRESSURE CONTROL WITH OPTIONAL HEAT PUMP OVERRIDE

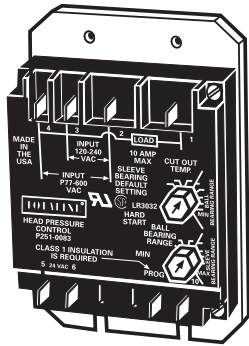
Head Pressure Controls — Temperature sensitive fan motor control which regulates head pressure at low ambients by varying the air volume through the condenser. Its unique construction permits exceptionally quick response times to changes in liquid line temperatures.

APPLICATION

Ideal for low ambient conditions found in:

- Supermarkets - Frozen Storage
- Computer rooms
- Temperature/ Humidity Sensitive Environments

PART NO	VOLTS	DESCRIPTION
P251-0083H	120-480 VAC	HPC w/optional,HP override
P251-0094H	120 or 240 VAC	Line Voltage,HPC w/Optional,HP Override
P251-0095H	480 VAC	Line Voltage,HPC w/Optional,HP Override
P251-0083C	120-600 VAC	HPC (Canada)



P251-0083H FEATURES / APPLICATIONS

- Integral Heat Pump Bypass circuitry allows electronic bypass of speed control during heat pump operation.
- Eliminates overshoots common to on/off and pressure switch controls.
- Helps prevent evaporator freeze-ups, low pressure cut-outs and liquid-slugged compressors in low ambient conditions.
- One model covers 120-480 VAC
- Features: hard start, low temperature cutoff, high temperature bypass, isolated 24VAC supply.
- Controls up to 3 refrigerant circuits.
- Typical application: heat pumps.

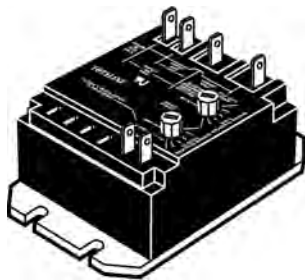
SPECS

Input: Control: 18-30 VAC
 Line Input: 120-480 VAC
 Output: Triac
 max: 10 amps
 min: 100 ma
 Output: Range: 120-480 VAC

REPLACES

Hoffman: 800/800A/800ASA/814-50
 RANCO: E31 Series
 Johnson Controls: P66
 ACT: FM2000

PART NO
P251-0083H



P251-0094H, P251-0095H FEATURES / APPLICATIONS

- Built-in transformer eliminates cost, reduces installation time and simplifies wiring. Direct set up from line voltage.
- Helps prevent evaporator freezeups, low pressure cut-outs and liquid-slugged compressors in low ambient conditions.
- Features: hard start, low temperature cutoff, high temperature bypass, isolated 24 VAC supply is built into the control.
- Mechanical dimensions: 4.5" L x 3" W x 2" H.
- Ideal for heat pumps, line voltage, air conditioning and refrigeration

SPECS

Input: Frequency: 50/60 Hz
 Power Consumption: 4 VA @ 24 VAC
 Output Type: Triac
 Output Voltage:
 P251-0094H: 120 or 208/240 VAC
 P251-0095H: 480 VAC
 Output Current:
 max: 10 amps
 min: 100 ma

REPLACES

Hoffman: 800/800A/800ASA/814-50
 RANCO: E31 Series
 Johnson Controls: P66
 Integral transformer reduces inventory

PART NO
P251-0094H/P251-0095H