

FRESH AIR HIGH LIMIT ELECTRONIC DUCT THERMOSTAT

HLD1

Features

- Australian Made and designed
- Power Supply 24V AC or DC
- 10 Amp (Resistive) Potential free relay contacts
- L.E.D Indication of all output status

Use

The HLD1 Thermostat is primarily designed for use as a O/A duct mount high limit fresh air thermostat, typically used to break a 0-10v dc Y economy cycle signal controlling the position of damper motors. Or to override the position of 2 position damper motors. The output relay is voltage free permitting use on either 240, 24 AC circuits or DC control signal circuitry. Switch point is adjustable with it's status displayed via red / green LED indicators. The HLD1 thermostat is ideally suited for mounting in the fresh air intake duct as long as (at least minimum) air flow is always maintained during system operation.



Made in Australia
100% Australian Owned Company

Technical Data

General Specifications

Operating Voltage 24 Volts AC or DC

Power Consumption

24 Volts 1 VA

Switching Capacity of Relays

Voltage AC 0...250 Volts

Current 10 (3) A

Setpoint Setting Range 16...28 °C

Switching Differential 1 °C (NON Adjustable)

Output Indication

Tripped Red LED

OK for cooling Green LED

Environmental Conditions

Operation

Ambient Temperature 0...45°C

Humidity < 95 % RH (Non Condensing)

Storage and Transport

Ambient Temperature -5...65°C

Humidity < 90 % RH (Non Condensing)

Product Standards

C-tick



N10842

Weight

Including Packaging 150 grams

Housing

Colour Black

Material ABS POLYCARB

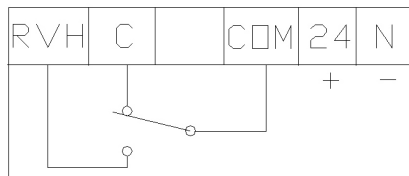
UV Stabilised YES

Fire Retardant YES

Size L130mm x W120mm x D35mm

Mounting Method Duct mount, 4 screw locations

Terminal Designations



24 24 Volt Supply Active AC or DC

N 24 Volt Supply Neutral

COM Relay common

C N/C CONTACT (ok for cooling) = green led on

RVH N/O CONTACT (hi-limit action) = red led on

Application Example's

