



ETN-24-P-3S-HU



24VAC, Wall-mount Thermostat for Temperature & Humidity control, with proportional integral outputs for Cool & Heat, De-Humidification ability and 3 Fan Speed control

General

The ETN-24-P-3S-HU thermostat is a combined Temperature & Humidity controller.

It offers 2 separate Proportional, Integral (0-10VDC or 2-10VDC) outputs for Cool & Heat, where the Cool output operates also a De-Humidifier in predefined humidity conditions (40%-70%).

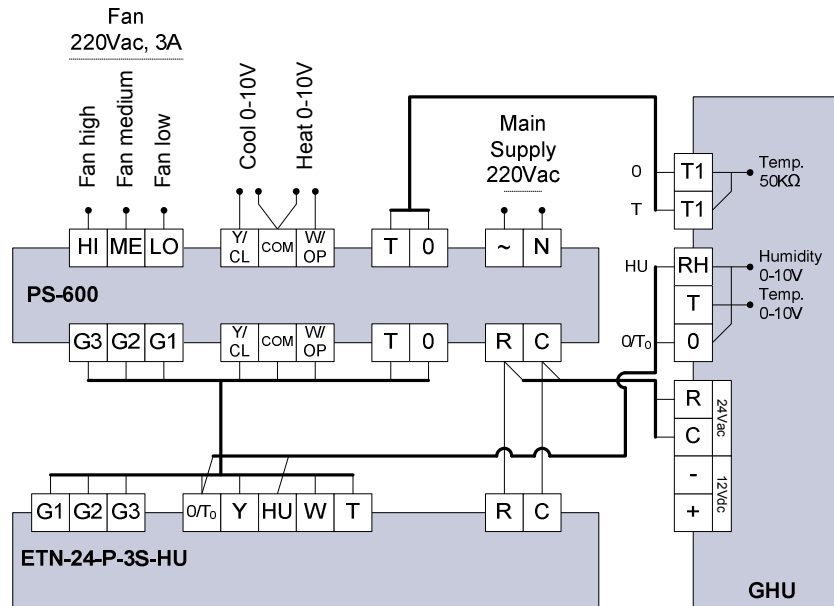
With inputs for external temperature sensor and humidity sensor, the ETN-24-P-3S-HU allows the user to adjust both temperature and humidity set points.

Features

- Wall mount, 24VAC thermostat
- 2 Proportional (0-10VDC or 2-10VDC) outputs:
 - Cool and De-humidification
 - Heat
- 2 adjustable set points; temperature and humidity
- 3 Fan Speed control + Auto, 24VAC, 0.5A
- Modes – Cool, Heat, Auto-Change-Over /Fan
- Input for external temperature sensor – option
- Input for external humidity sensor (0-10VDC)
- Humidity set point range- 40%-70% RH
- Temperature Tamb - 7°...35°C
- Set point limits - 10°...30°C
- Adjustable humidity set point range – 40...70% RH
- Differential for Temp. WinT – 2...10°C
- Differential for RH – 4...20%
- Works with Meitav-tec's GHU sensor- combined temperature and humidity sensor for room or duct
- Remote control unit - option

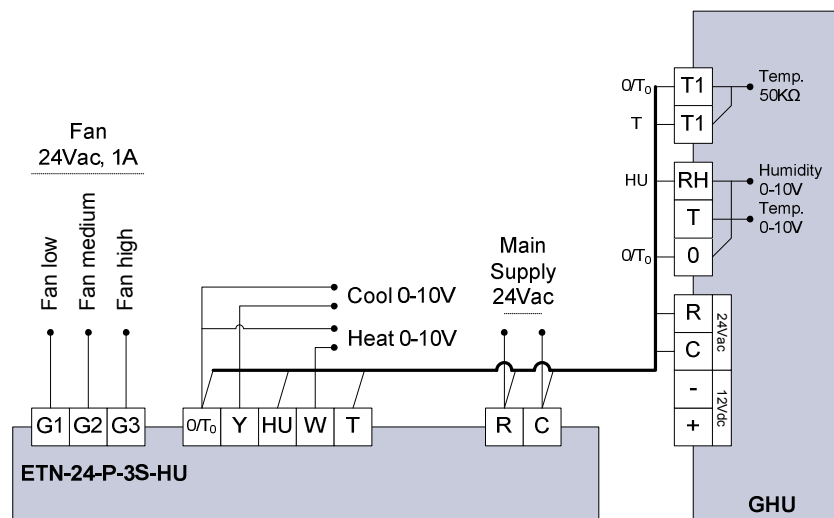


Electrical Diagram – output 220VAC



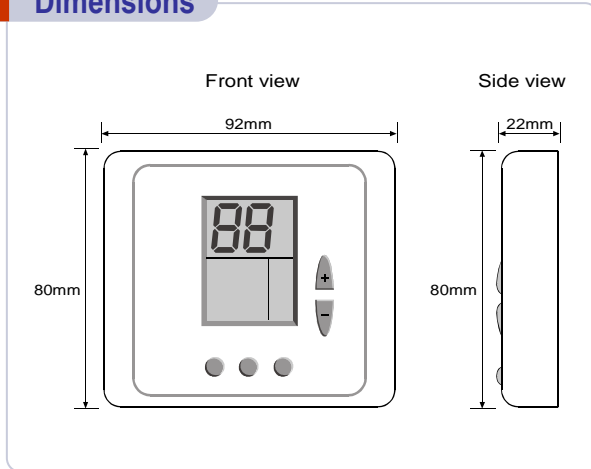
Note: In case of 220VAC system, the PS-600 must be used.

Electrical Diagram – output 24VAC





Dimensions



Specifications

Temperature Range	5°C ÷ 35°C
Weight	0.125 Kg
Scale	°C
Color	White
Accuracy	±1°C, ±3%RH
Plastic	PC/ABS
Flammability	UL94V-0
Temperature Input	50K@25°C

Accessories

Part Number	Description
TS01	Temperature Sensor - 80 cm Cable
RS01	Temperature Sensor into decorative box
RS02	Average Temperature Sensor into decorative box
DT02	Duct Temperature Sensor
GHU/R	Room Temperature and Humidity Sensor
GHU/D	Duct Temperature and Humidity Sensor
WP4	Decorative Back Plate for ETN
PS-600	Power Supply
RT03	Hand Held Remote Control