

ΩDBK EHT Electronic Hygrostat

Specifications:

Input Voltage: 220-240 VAC, 50Hz
110-120 VAC, 60Hz

Switching Capacity

Pos. 1/3 primary : 8A @ 240VAC resist.

Pos. 4/5 dry contact: 8A @ 240VAC resist.

Operating Specification:

Type: Adjustable

Range: 10 to 90%RH (no condensation)

Accuracy: $\pm 3\%$ RH (25°C, 50% RH)

Switching difference: 15% RH

Operation: Humidifying (NC)

De-Humidifying(NO)

Knob/Light: green/green

Dimensions: 61mm / 65mm / 45mm

Mounting: EN 50022 DIN Rail (35mm)

Termination: AWG 20-14 (0.5 – 2.5mm²)

with wire protector

plastic UL94-V0

Housing:

Protection: IP20

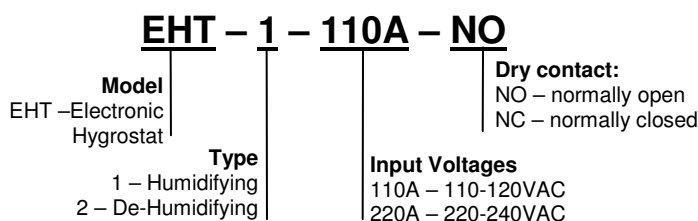
Weight: approx. 70g



Operating Temperature: 0°C to 60°C
(no condensation)

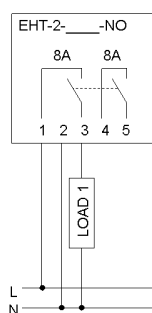
Storage Temperature: -20°C to 70°C

Ordering Information

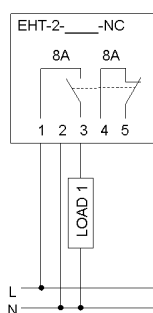


- Low Cost electrical, μ Controller Hygrostat
- High switching capacity with two distinct electrical circuits.
- Integrated humidity sensor with high accuracy of $\pm 3\%$
- Wide sensing Range of 10-90%RH
- Hysteresis Management with Microcontroller

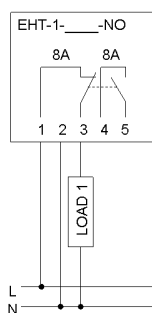
Connection Options:



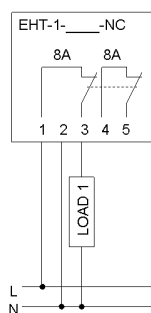
De-Humidifying
NO dry contact



De-Humidifying
NC dry contact*

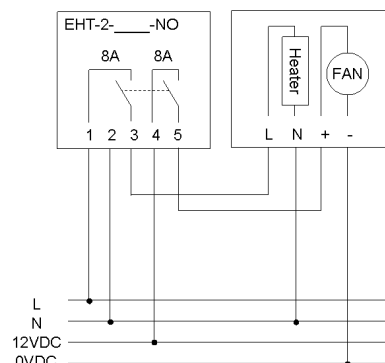


Humidifying
NO dry contact*



Humidifying
NC dry contact

De-Humidifying Application
with AC Heater and DC Fan



*EHT-2-___-NC and EHT-1-___-NO can both be used for either operation type by using the dry contact to switch the main load. Both units can be used for De- and Humidifying purposes.