Creative Electrical Heating

Products for climate control

## **ΩDBK EHT Electronic Hygrostat**

## Specifications:

Input Voltage: 220-240 VAC, 50Hz 110-120 VAC, 60Hz Switching Capacity : 8A @ 240VAC resist. Pos. 1/3 primary Pos. 4/5 dry contact: 8A @ 240VAC resist.

**Operating Specification:** Type: Adjustable Range: 10 to 90%RH (no condensation) Accuracy: ±3%RH (25°C, 50%RH) Switching difference: 15% RH Operation: Humidifying (NC) De-Humidifying(NO)

Operating Temperature: 0 ℃ to 60 ℃ (no condensation) -20 ℃ to 70 ℃ Storage Temperature:

## Ordering Information

EHT – 1 – 110A – NO Model EHT -- Electronic Hygrostat Type Input Voltages 1 - Humidifying 110A - 110-120VAC 2 - De-Humidifying 220A - 220-240VAC

Knob/Light: green/green Dimensions: 61mm / 65mm / 45mm

Mounting:	EN 50022 DIN Rail (35mm)
Termination:	AWG 20-14 (0.5 – 2.5mm <sup>2</sup> )
Housing:	with wire protector plastic UL94-V0

Protection: IP20 Weight:

approx. 70g

Dry contact:

NO – normally open

NC - normally closed



- Low Cost electrical, µController Hygrostat
- High switching capacity with two distinct electrical circuits.
- Integrated humidity sensor with high accuracy of +/- 3%
- Wide sensing Range of 10-90%RH
- Hysteresis Management with Microcontroller

## **Connection Options:**



\*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.

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