

EHT Electronic Hygrostats



Application

Electrical controller for drying and providing frost protection in outdoor enclosures such as in wind turbine, ticket dispensers, parking gate, ATM or similar applications.

Features

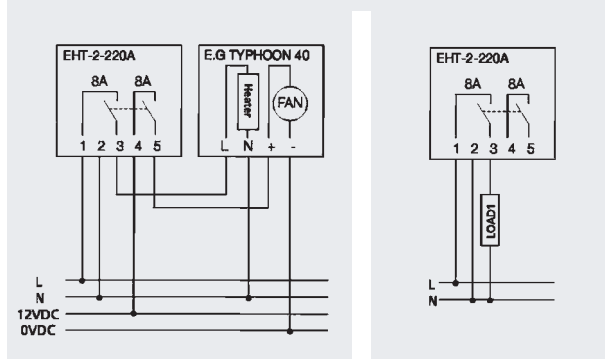
- Exterior setting: 5% RH increments
- 2-colour LED status indicator: Operation mode / error status
- Frost protection activation at 4 °C (default)

Funktion

If humidity exceeds a set level or temperature drops lower than 4 degrees C, controller will switch anti condensation device such as DBK Nimbus / Blizzard or DBK Cirrus / Typhoon series heaters.

EHT Electronic Hygrostats	
Operating Voltage	220 - 240 VAC, 50Hz
Sensor	Elektronik
Switching Current	Dehumidification: 8A (240VAC Resistive Load) Humidification: 8A (240VAC Resistive Load)
Contact	2 NO (Dehumidifying, Default) oder NC (Humidifying, selectable)
Switching Differential	approx. 5 % RH
Protection Rating	IP20
Protection Class	0 (Must be guaranteed by installation location).
Connection Type	ScREW Terminals 0.5 – 2.5 mm ²
Mounting Type	DIN rail (35mm)
Ambient Temperature (°C)	-20 bis +70
Housing	Polyamide PA 66 (UL94 V-0), black
Weight (g)	approx. 70

Anschluss-Schaltbild



Unit can work in either NC or NO mode and provides an extra dry contact which can be used to either switch an independent load or act as a feedback contact for a PLC.