

**EHT Electronic Hygrostat**



**Application**

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

**Features**

- Exterior setting: 5% RH increments
- 2-color LED status indicator: Operation mode /error status
- Frost protection activation at 4°C (default)
- Unit can work in either NC or NO mode
- Provides an extra dry contact which can be used to either switch an independent load or act as a feedback contact for a PLC

DBK's knowledge of thermal management gives us the experience to guide and support you with your technical challenges - we can manage the complete project from concept to full production release.

Type	EHT Electronic Hygrostat
Operating Voltage	220 - 240 VAC, 50/60 Hz
Sensor	Electronic
Switching Current	Dehumidification: 8A (240VAC Resistive Load) Humidification: 8A (240VAC Resistive Load)
Contact	2 NO (Dehumidifying, Default) or 2 NC (Humidifying, selectable)
Setting Range	15-90 % RH
Switching Differential	approx. 5% RH
Protection Rating	IP 20
Protection Class	0 (Must be guaranteed by installation location)
Connection Type	Screw Terminals 0.5 - 2.5 mm <sup>2</sup>
Mounting Type	DIN rail (35 mm)
Ambient Temperature (°C)	-20 to +70
Housing	Plastic grey (RAL 7035)
Weight (g)	approx. 70
Dimensions (mm)	62 x 65 x 34

**Circuit diagrams**

