


Electronic Thermo-Hygrostat

Electronic Hygrothermostat for DIN 35mm rail mounting. Typically used to control enclosure heaters. The change over contact triggers either for high humidity or low temperature, independently set adjustable with LED display of power on and status.

IP Enclosures provide a range of thermal control products for electrical enclosures. The range of controllers are suitable for use with IP Enclosures range of heating and cooling products. The range includes thermostats, hygrometers, electronic thermostat temperature controllers and fan speed controllers. IP Enclosures thermal control products are manufactured to the highest quality in Italy.



| Features | Unit | IP-ETH1 |
|---------------------------------|---------|--|
| Power supply | V/Hz | 230/50-60 |
| Temperature setting range | °C | 0 / +60 |
| Precision | °C | ±1 |
| Temperature Hysteresis | °C | 2 |
| Relative Humidity setting range | RH% | 20-90 |
| Relative Humidity Hysteresis | % | 5 |
| Reaction time | sec | 60 |
| Max switching current | | |
| NO at 250Vac resistive load | A | 10 |
| NO at 30Vdc resistive load | A | 8 |
| NO at 240Vac motor load | Hp | 1/2 |
| NO at 120Vac motor load | Hp | 1/4 |
| NC at 250Vac resistive load | A | 10 |
| NC at 30Vdc resistive load | A | 8 |
| Contact type | | Change over |
| Contact resistance | | < 10 |
| Service life | cycles | > 100 000 |
| Electrical connection | - | 5-pole terminal for 2.5 mm ² wire |
| Optical signal | - | LED |
| Casing | - | PA6, UL94 V0 self-extinguishing, light grey RAL 7035 |
| Protection degree EN60529 | - | IP20 |
| Operating / Storage temperature | °C (°F) | -40/+80 (-40/+176) |
| Mounting | - | Clip for mounting on DIN rail 35 mm EN50022 |
| Installation position | - | Vertical |
| Conformity/Certifications | - | CE-ULc  us |
| Dimensions HxWxD | mm | 69x53x50 |
| Weight (with packaging) | kg | 0.11 (0.12) |

