



## ETUH

### THERMO-HYGROSTAT

Electronic Hygrothermostat for DIN 35 mm rail mounting.

Typically used to control enclosure heaters. The change over contact triggers either for high humidity or low temperature, independently set adjustable. LED display of power on and status. Wide voltage range from 20VDC up to 250VAC in a single model.

External probe available.

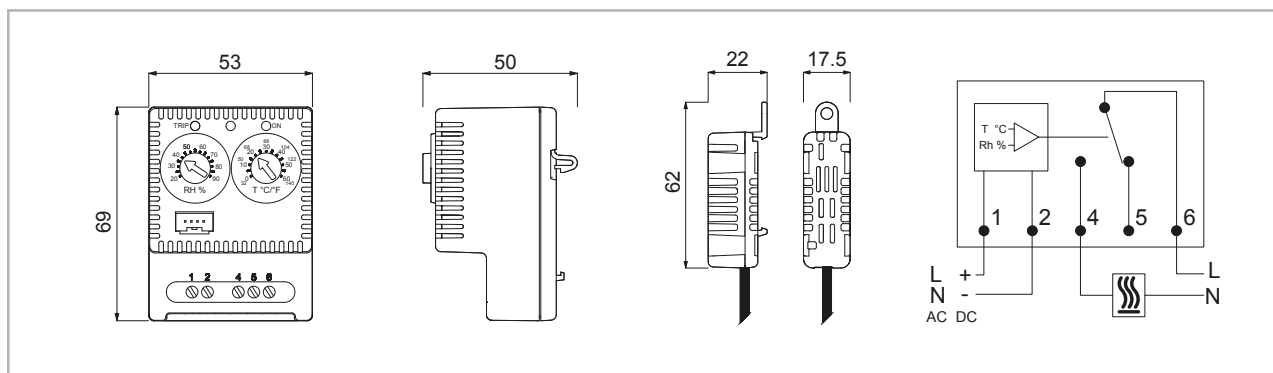


| FEATURES                     | Unit    | ETUH22.AA0                                           |
|------------------------------|---------|------------------------------------------------------|
| Power supply                 | V   Hz  | 24-72 Vdc 24-250   50/60 Hz                          |
| Temperature setting range    | °C (°F) | 0 / +60°C (+32 / +140°F)                             |
| Rel. Humidity setting range  | Rh%     | 20 / 90Rh%                                           |
| Precision                    | -       | ±1K   ±1%                                            |
| Temperature Hysteresis       | K       | 2                                                    |
| Relative Humidity Hysteresis | %       | 4                                                    |
| 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 <sup>2</sup> wire         |
| Optical signal               | -       | LED                                                  |
| Casing                       | -       | PA6, UL94 V0 self-extinguishing, light grey RAL 7035 |
| Protection degree EN60529    | -       | IP20                                                 |
| Operating                    | °C (°F) | 0 / +60°C (+32 / +140°F)                             |
| Storage temperature          | °C (°F) | -40 / 70 °C (-40 / +158°F)                           |
| Mounting                     | -       | Clip for mounting on DIN rail 35 mm EN60715          |
| Installation position        | -       | Vertical                                             |
| Dimensions HxWxD             | mm      | 69x53x39                                             |
| Weight (with packaging)      | kg      | 0.11 (0.12)                                          |
| Conformity                   | -       | CE, cULus UL File n. E348803                         |

#### Accessories

External probe (2 mt cable)

TSH100.002



Specifications, values and drawings are subject to change without notice.