

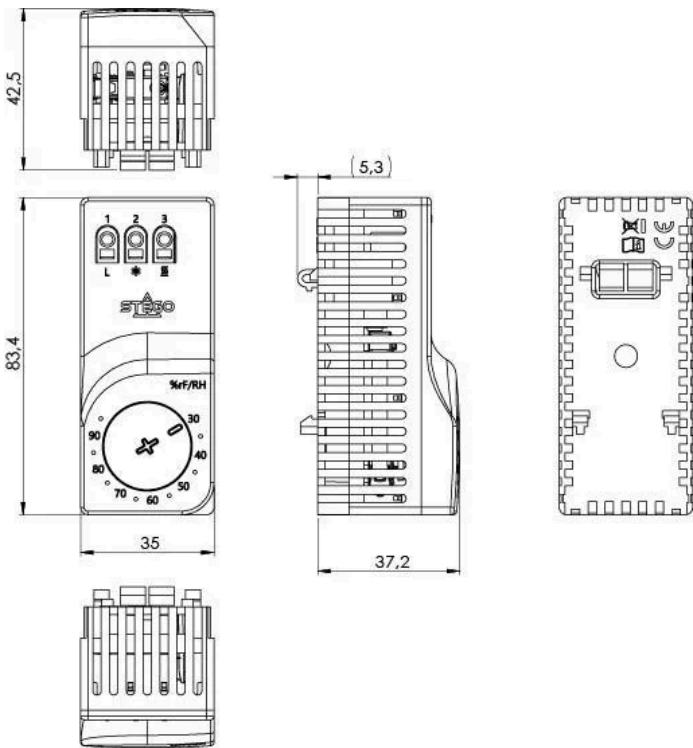


NEW: MECHANICAL HYGROSTAT

MFR 012

The hygrostat is used to prevent condensate and regulates heating and fans. From a critical relative air humidity of 65 %, the temperature is increased so that the dew point is raised.

- Adjustable relative air humidity
- Change-over contact (heating or cooling)
- High switching performance
- Clip fixing



OVERVIEW TECHNICAL DATA

| | |
|----------------|---------------------------|
| Device name | New: Mechanical hygrostat |
| Device type | Hygrostat |
| Series | MFR 012 |
| Article number | 01250.0-00 |
| Setting range | 30 % RH - 95 % RH |

| | |
|-------------------------------------|---|
| Contact type | jump contact |
| Protection type | IP30 |
| Casing | Plastic to UL94 V-0, light grey |
| AC/DC | AC DC |
| Operating voltage tolerance maximum | AC 250 V (VDE), AC 120 V (UL) V |
| Inrush current maximum | 16 A |
| Inrush current continuous | 10 s |
| Switching capacity | AC 5 A DC 20 W |
| Switching current ohmic | 5 A |
| Reference voltage ohmic maximum | 250 VAC |
| Reference voltage 2 ohmic maximum | 120 VAC |
| Switching current dc ohmic | 0.6 A |
| Reference voltage dc ohmic maximum | 30 VDC |
| Reference voltage minimum | 20 V |
| Switching current | 0.1 A |
| Service life | >50000 cycles |
| Switching differential | 4 % RH |
| Switching differential tolerance | ± 1,5 % RH |
| Operating temperature | 0 °C - 60 °C |
| Operating humidity | ≤95 % RH |
| Storage humidity | ≤95 % RH |
| Storage temperature | -40 °C - 60 °C |
| Connection type | Connection terminal (push-in) |
| Connection | 3 x stranded wire 1.0 - 2.5 mm ² (with wire end ferrule) and rigid wire 1.0 - 2.5 mm ² |
| Design | Change-over contact |
| Mounting | Clip for 35 mm DIN rail, EN 60715 |
| Height | 84 mm |
| Width | 35 mm |
| Depth | 43 mm |
| Weight | 45 g |
| Note | Switching differential referred to 50 % rH. Wire end ferrules must be used for connections with stranded wires. |