

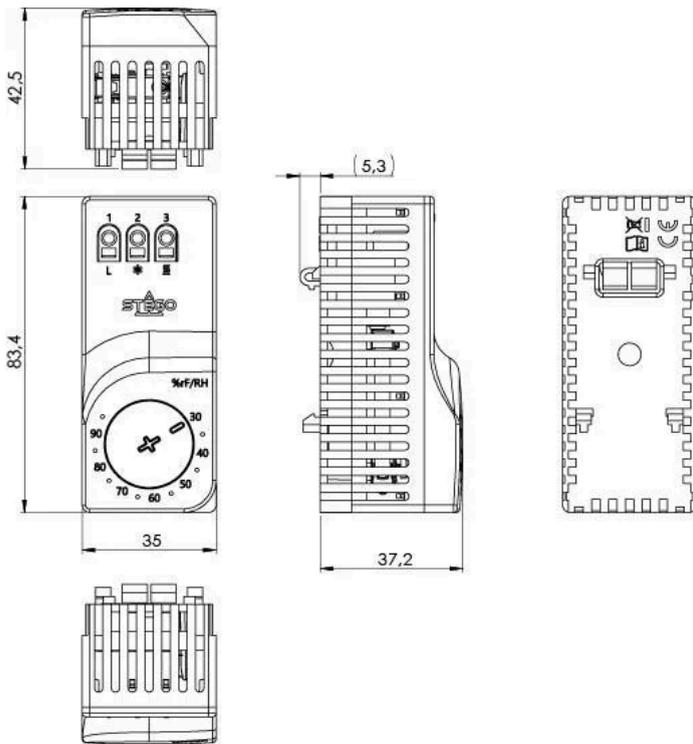


NEW: MECHANICAL HYGROSTAT

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.