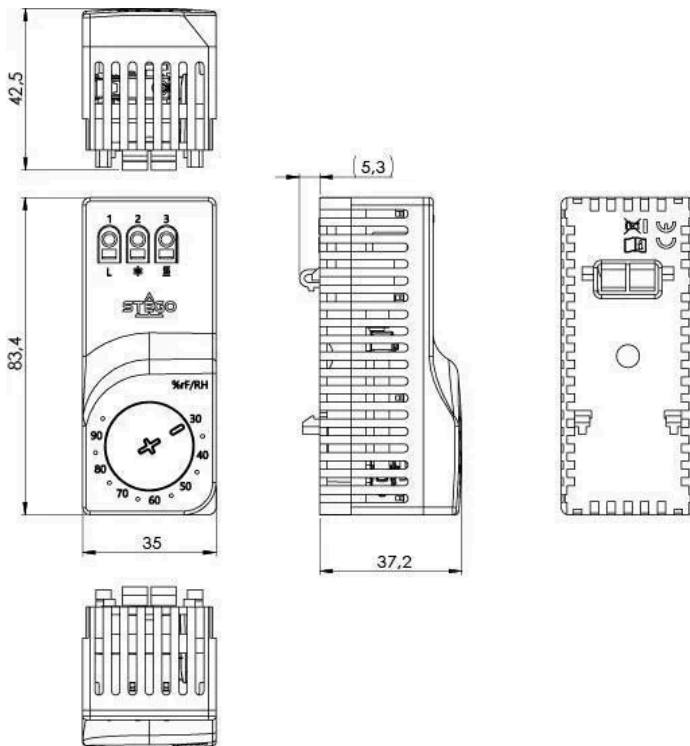


## NEW: MECHANICAL HYGROSTAT

### 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

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

<b>Contact type</b>	Snap-action contact
<b>Protection type</b>	IP30
<b>Casing</b>	Plastic to UL94 V-0, light grey
<b>AC/DC</b>	AC
<b>Operating voltage tolerance maximum</b>	AC 250 V
<b>Inrush current maximum</b>	16 A
<b>Inrush current duration</b>	10 s
<b>Switching capacity</b>	AC 5 A DC 20 W
<b>Switching current ohmic</b>	10 A
<b>Reference voltage ohmic maximum</b>	250 VAC
<b>Reference voltage 2 ohmic maximum</b>	120 VAC
<b>Switching current dc ohmic</b>	0,6 A
<b>Reference voltage dc ohmic maximum</b>	30 VDC
<b>Reference voltage minimum</b>	20 V
<b>Switching current</b>	0,1 A
<b>Service life</b>	10 A 10000 cycles 6 A 50000 cycles
<b>Switching differential</b>	4 % RH
<b>Switching differential tolerance</b>	± 1,5 % RH
<b>Operating temperature</b>	0 °C - 60 °C
<b>Operating humidity</b>	≤95 % RH
<b>Storage humidity</b>	≤95 % RH
<b>Storage temperature</b>	-40 °C - 60 °C
<b>Connection type</b>	Connection terminal (push-in)
<b>Connection</b>	3 x stranded wire 1.0 - 2.5 mm <sup>2</sup> (with wire end ferrule) and rigid wire 1.0 - 2.5 mm <sup>2</sup>
<b>Design</b>	Change-over contact
<b>Mounting</b>	Clip for 35 mm DIN rail, EN 60715
<b>Height</b>	84 mm
<b>Width</b>	35 mm
<b>Depth</b>	43 mm
<b>Weight</b>	45 g
<b>Note</b>	Switching differential referred to 50 % rH. Wire end ferrules must be used for connections with stranded wires.

## PRODUCT VARIANTS

Article number

01250.0-00