

## Electro-mechanical humidistats

**HR-S**

**■ Purpose**

The humidistat is designed for controlling humidification and/or dehumidification in ventilation, air conditioning and heating systems. Can also be used to alarm when the humidity exceeds or falls below a pre-set level.

**■ Design**

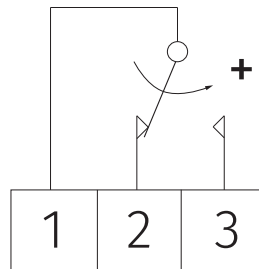
The single-stage humidistat HR-S uses a synthetic element as sensor medium. The synthetic element stretches as the humidity increases and shrinks as the humidity decreases.

**■ Mounting**

The humidistat is designed for indoor mounting on the wall surface.

**Technical data**

Switch contact	250 V AC, 5 A
Moisture [%]	20-90 %
Casing material	Polycarbonate
Temperature range [°C]	0-40
Mounting	Wall surface mounting
Ingress protection	IP30
Dimensions [mm]	86x86x30

**Humidistat wiring diagram**


Humidification  
Dehumidification

Closing contact between terminals 1 and 2  
Closing contact between terminals 1 and 3