

HR-S

Electro-mechanical humidistats

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.



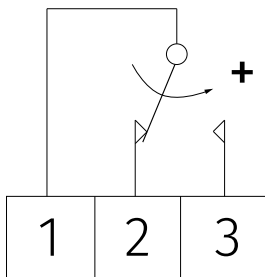
Design

- 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.

Humidistat wiring diagram



Humidification
Dehumidification

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

Technical data

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