

ELECTRONIC ROOM HUMIDOSTAT

D40

GENERAL CHARACTERISTICS

The humidostat D40 senses the room humidity through a capacitive sensor and it compares it with the set value. It switches the output relay for the humidification or dehumidification of the room. Enclosure, in thermoplastic material with protection degree IP20.

The electronic circuit and the sensor provide precise regulation of the humidity degree.

The range is adjustable between 30% and 90% of relative humidity (RH%).

TECHNICAL CHARACTERISTICS

Voltage supply: 230V 50Hz

Power consumption 2 VA

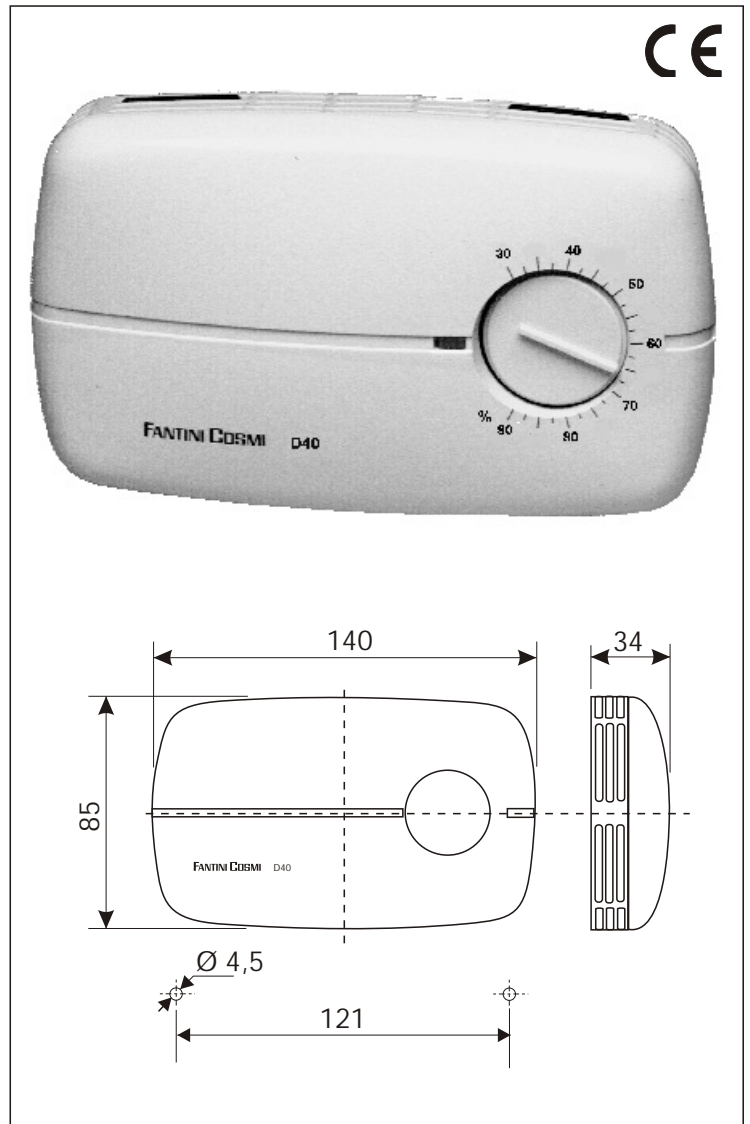
Sensing element with internal capacitive sensor

Output relay 6(3)A-250V a.c. with free contacts voltage

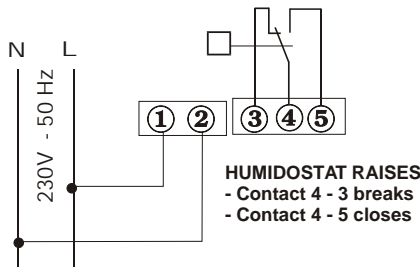
Signal led ("on" when ambient humidity is higher than the set value)

Storage temperature: 0 to 50°C

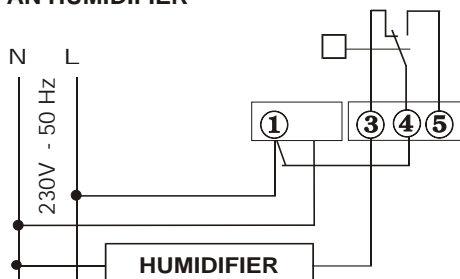
N.B. Avoid to install the humidostat in moisture ambient.



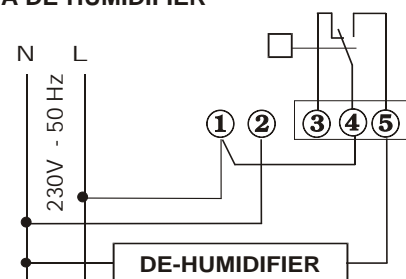
ELECTRICAL DIAGRAM



EXAMPLE OF WIRING CONNECTION WITH AN HUMIDIFIER



EXAMPLE OF WIRING CONNECTION WITH A DE-HUMIDIFIER



TYPE	Range	Differential	Storage temperature	Supply voltage	Protection Degree	Unit weight	Packaging
D40	30 ÷ 90 UR%	5	0 ÷ 50	230 - 50 Hz	IP20		