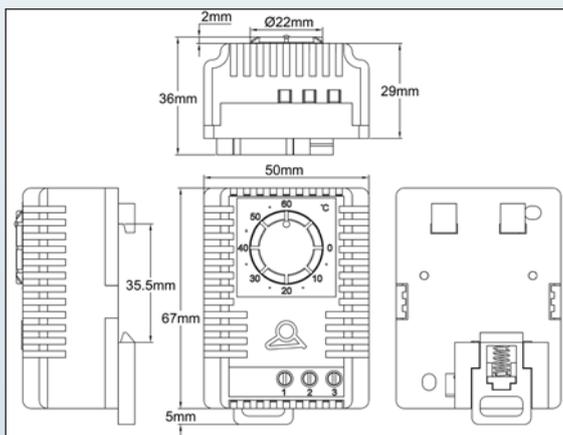


Din rail mounting miniature humidistat for electrical cabinets

Type : Q7C

DIMENSIONS



MAIN FEATURES

Main Application: condensation in electrical enclosures and cabinets can be critical for electrical components and safety. This humidistat is designed to switch on a heater or a ventilating fan when the relative humidity raises at dangerous levels, when there is a risk to reach the dew point usually around 65%.

It can also be used to switch on humidifiers, dehumidifiers, or other devices.

Humidity sensing element: hygroscopic polymer film with special treatment, produced by Ultimheat, ensuring a fast response, long life and high stability

Setting range: 35 to 95% RH

Measuring accuracy: $\pm 5\%$ RH

Differential at 50% RH: 8% RH ($\pm 3\%$ RH)

Measuring medium: air, pressure-less, non-aggressive

Electrical contact: silver contacts, SPDT, 5A 250V

Connection: 3 screw terminals for 1.5mm² wires, max torque 0.5Nm

Mounting: clip for 35mm DIN rail EN50022

Operating temperature: 0 to +60°C (+32 to +140F)

Storage temperature: -20 to +70°C (-4 to +158F)

Mounting position: vertical

Voltage supply: the humidistat should be mounted such that there is no buildup of condensate on or in the device. If the voltage supply is higher than 48V there is a risk of voltage arcing in the event of water condensation on the micro-switch or connecting terminals which might destroy the control.

Ingress protection class: IP30

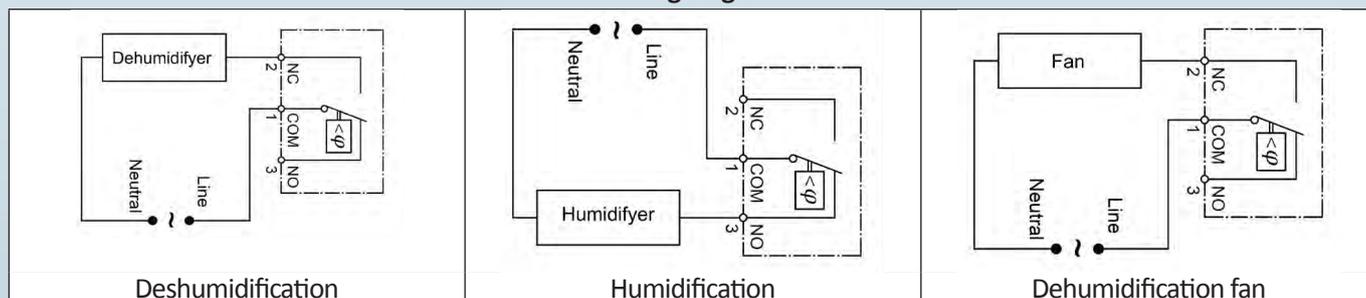
Dimension: 67x50x 36mm

Maintenance: The humidity sensing ribbon is maintenance-free in clean air. Air containing solvent can cause measuring errors and failure, depending on the type and concentration. Deposits such as resin aerosols, lacquer aerosols, smokes, which eventually form a water-repellent film are harmful for the measuring element.

Reference

Q7C030100I001R00

Wiring diagram



Because of permanent improvement of our products, drawings, descriptions, features used on these data sheets are for guidance only and can be modified without prior advice

