TEMPERATURE SENSORS

Outdoor temperature sensor **NDT**



Application

The outdoor temperature sensor is designed for outdoor temperature measurement in ventilation and air conditioning systems.

Design

The sensing element, NTC thermometer resistor, is enclosed in the plastic housing. The plastic housing incorporates also a copper probe for higher sensing efficiency. The thermometer resistor electric resistor

depends on the temperature, the non-linear resistance. Connection of the sensor to the controller is double-wired, regardless of polarity.

The sensor is connected to power mains through the terminal blocks of the circuit board located in the casing.

■ Mounting

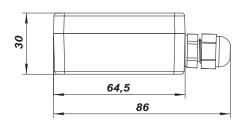
Outdoor mounting.

Technical data:

NDT
-30+60
≤ 5 DC *
resistance
cross section 2x0.25 mm ²
up to 90%, no condensation
IP 54
III

 $^{^{\}star}$ Maximum current generated through the sensor by the applied voltage is 2 mA.

Overall dimensions [mm]



Lid is not shown

