

**Data Sheet****RTS2****Combined radiation and room temperature sensor****Application**

This sensor was specially developed to record the room and/or radiation temperature in residential, hotel and office rooms under normal ambient conditions.

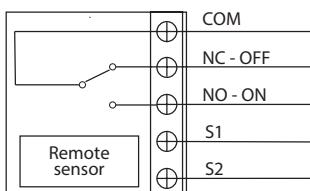
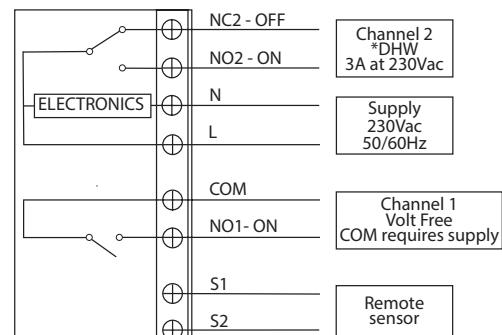
**Function**

There are 4 NTC sensors in the sensor housing, two act as room temperature sensors, the other two are glued directly into the black hemisphere as radiation sensors.

This combination allows, for example, when the room is not occupied, the reduced temperature or frost protection to be monitored by the room sensor, and when the room is occupied, the radiant heat can be recorded by the radiation sensor. In the case of combined heating systems, it is possible to regulate the "feel good temperature" which is determined from the room and radiation temperature using a suitable evaluation device

**Ordering**

Product	Type	Code no.
RTS2	Sensor	<b>087N7428</b>

**Wiring Diagram****TPOne B****TPOne M**

Channel 1 is a volt free relay  
A supply is required on COM to give an output on NO1  
A supply link can be taken from L or another supply

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