

# Datasheet

## RMT Electro-Mechanical Room Thermostat

### Application

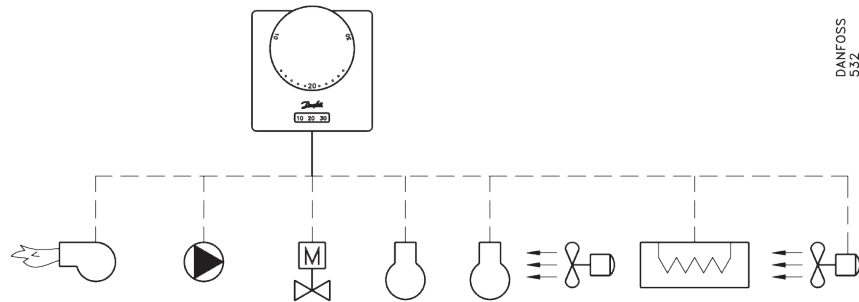


RMT room thermostats are suitable for the control of heating, ventilation and air conditioning systems.

The range includes models for use in 24V systems - types RMT 24 and RMT 24T, plus models for use in 220/240V systems - types RMT 230 and RMT 230T.

Versions are also available with built-in thermometer and night set-back function. Please refer to tables below for technical specifications and ordering codes.

### Principle



### Data

	RMT-24	RMT-230
Temperature Range °C	8 - 30	8 - 30
Storage Temperature Range	-20 - +50	-20 - +50
Operating Temperature Range	-10 - +50	-10 - +50
Contact Type	SPDT	SPDT
Contact Material	Ag	Ag
Contact Rating, Ohmic A a.c.	10	10
Contact Rating, Inductive $\cos \varphi = 0.6A$ a.c.	4	4
Contact Rating, Start Current A a.c.	24	24
Contact Rating, Ohmic A d.c.	1	
Contact Rating, Minimum mA a.c./mA d.c.	70	150
Thermal Deviation °K	< 2.5	< 2.5
Cut in Stability °K	< 0.5	< 0.5
Time Constant ( $V_{air} = 0.15m/sec$ ) min	< 14	< 14
Thermal Differential °K (with accelerator)	< 1.0	< 1.0
Storage Temperature Range	-20 - +50	-20 - +50
Working Temperature Range	-10 - +50	-10 - +50
Air Humidity % RH	40-60	40-60
Weight g	150	150
Protection Class	IP 20	IP 20
Ball Pressure Test	75°C	75°C
Control Action Type	1B	1B
Minimum Contact Load	70ma	70ma

# Data Sheet

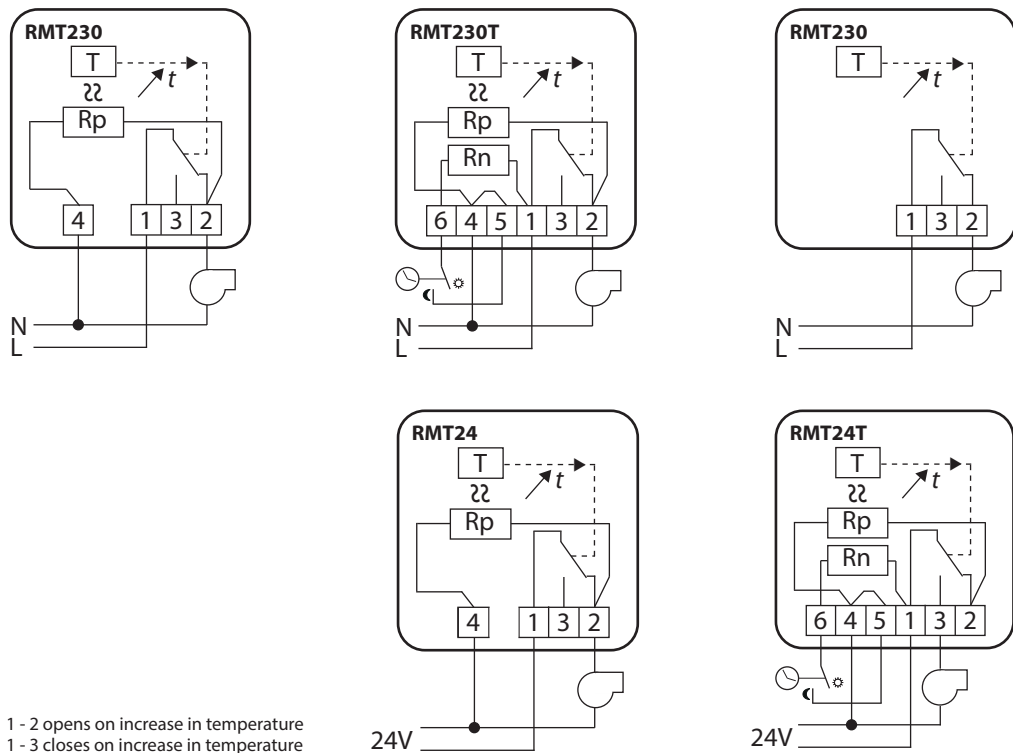
# Room Thermostat RMT

## Ordering

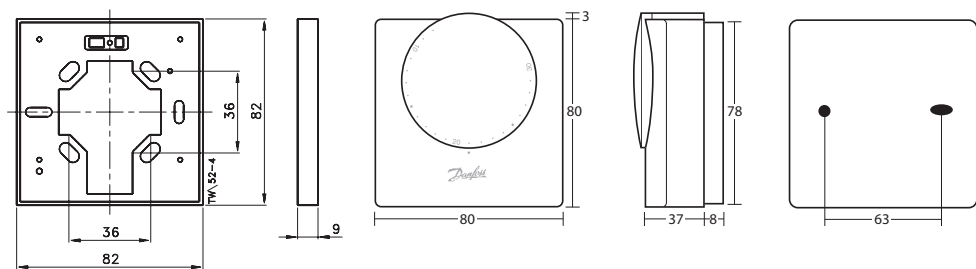
Type	Order Code	Description	Accelerator	Thermometer	Night Setback
RMT-230	<b>087N1100</b>	230 V a.c.	Parallel	No	No
RMT-230 <sup>1</sup>	<b>087N1110</b>	230 V a.c.	No	No	No
RMT-230T	<b>087N1125</b>	230 V a.c.	Parallel	Yes	Yes
RMT-24	<b>087N1196</b>	24 V a.c.	Parallel	No	No
RMT-24T	<b>087N1197</b>	24 V a.c.	Parallel	Yes	Yes
	<b>087N0099</b>	Adaptor plate for flush mounting			

1) No accelerator heater 2) Only to be used with actuator ABN-NO

## Electrical Connection



## Dimensions



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