Datasheet

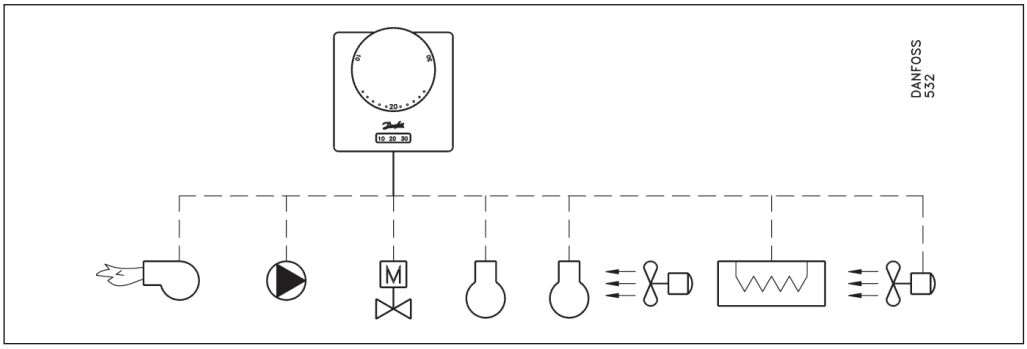
RMT
Electro-Mechanical Room Thermostat

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, RMT 24T and RMT 24R, 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
Contact Type	SPDT	SPDT
Contact Material	Ag	Ag
Contact Rating, Ohmic A a.c.	10	10
Contact Rating, Inductive cos φ = 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 (Vair = 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

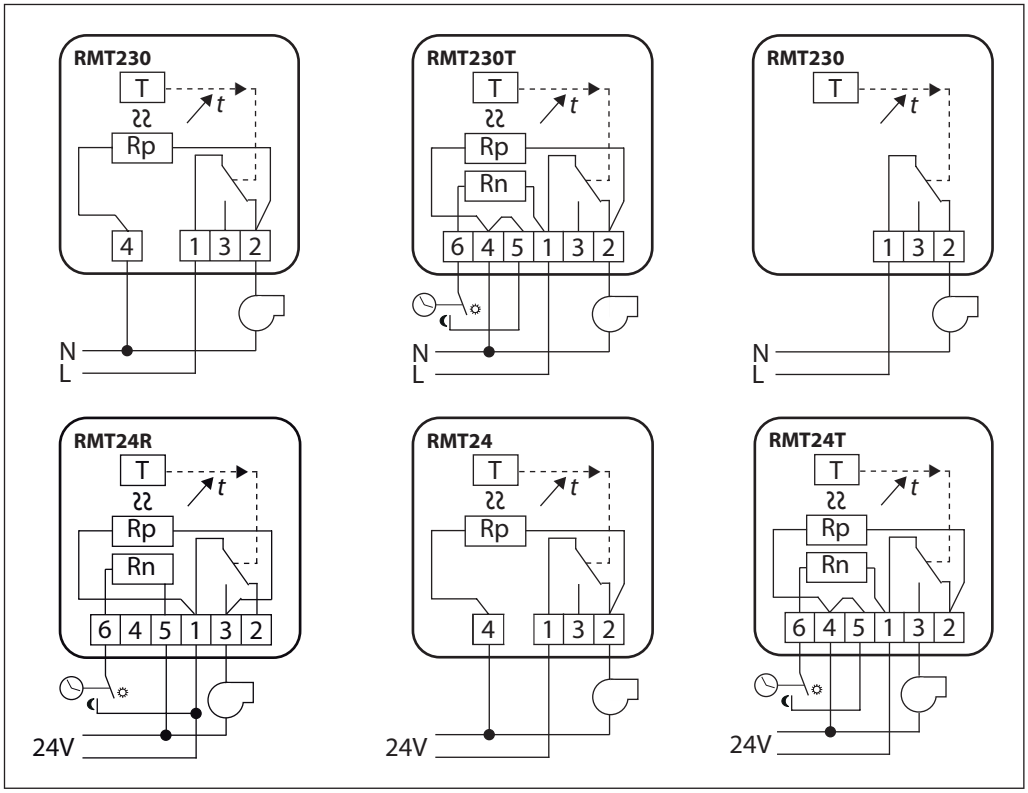
Datasheet Room Thermostat RMT

Ordering

Type	Order Code	Description	Accelerator	Thermometer	Night Setback
RMT-230	**087N1100**	230 V a.c.	Parallel	No	No
RMT-230 [1]	**087N1110**	230 V a.c.	No	No	No
RMT-230T	**087N1125**	230 V a.c.	Parallel	Yes	Yes
RMT-24	**087N1196**	24 V a.c.	Parallel	No	No
RMT-24T	**087N1197**	24 V a.c.	Parallel	Yes	Yes
RMT-24R [2]	**087N1195**	24 V a.c.	Parallel	No	Yes
	087N0099	Adaptor plate for flush mounting			

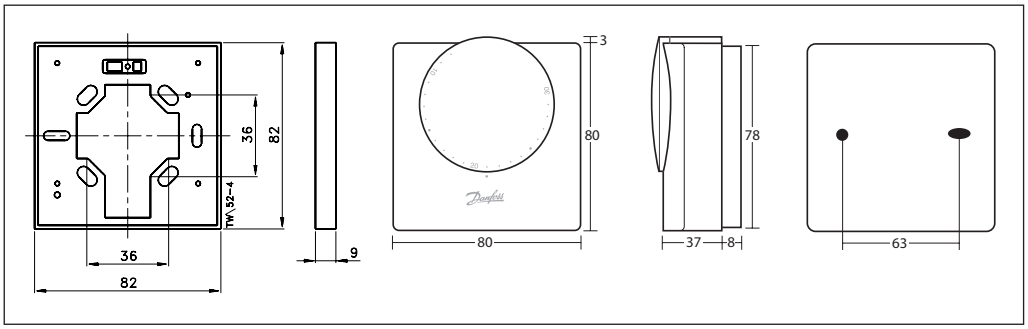
1) No accelerator heater 2) Only to be used with actuator ABN-NO

Electrical Connection



1 - 2 opens on increase in temperature
1 - 3 closes on increase in temperature

Dimensions



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