Data Sheet

Electronic Room Thermostat RET 24 and RET 230





The RET 230 and RET 24 are a range of electronic room thermostats offering improved thermal performance and status indication compared to that of electro-mechanical equivalents.

The range comprises of mains voltage versions, RET 230, and low voltage 24 V versions, type RET 24.

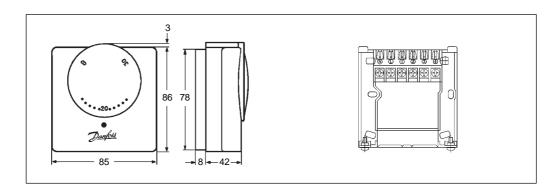
For ease of mounting, RET is based upon a wallplate construction which is fitted and wired before the thermostat is mounted.

Additional features available in the RET range include:

- Electronic accelerator heater
- LED status indication
- Night set-back option
- Voltage free outputs

Please refer to the table below for details.

Dimensions



Ordering Codes and Data

RET Electronic Room Thermostats												
		Operating	Electronic	Night	LED Status Indicators							
Туре	Code No.	Voltage	Accelerator	Set-back	Power On	Stat Calling	Comment					
					(1)	(2)						
RET24	087N7014	24 Vac	•			•						
RET24VF	087N7016	24 Vac	•			•	Volt Free					
							Contacts					
							Night set-back is					
RET24NSB	087N7018	24 Vac	•	•		● (4)	achieved by using					
							external time control					
RET230	087N7004	220/240 Vac	•			•						
RET230L	087N7006	220/240 Vac	•		•	•						
RET230VF	087N7008	220/240 Vac	•			•	Volt Free					
							Contacts					
			•				Night set-back is					
RET230NSB	087N7010	220/240 Vac	•	•	● (3)	•	achieved by using					
							external time control					

- (1) 'Power On' indicator is lit when power is applied to thermostat (left hand LED).
- (2) 'Calling' indicator is lit when thermostat relay is closed and calling for heat (right hand LED).
- (3) In Night Set-Back version, 'Power On' LED changes colour during night set-back period (left hand LED).
- (4) In RET 24NSB mode, left hand LED is lit during night set-back period.

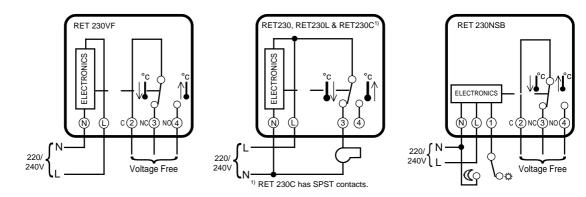
Specifications	RET24	RET24VF	RET230F	RET230C	RET230	RET230VF
		RET24NSB			RET230L	RET230NSB
Switching Differential	< 1K	< 1K	< 1K	< 1K	< 1K	< 1K
Temperature Range	5 - 30°C	5 - 30°C	5 - 10°C	5 - 30°C	5 - 30°C	5 - 30°C
Operating Voltage	24Vac	24Vac	220/240Vac	220/240Vac	220/240Vac	220/240Vac
Switch Type (common linked int.)	SPDT	-	SPST	SPST	SPDT	-
Switch Type (voltage free contacts)	-	SPDT	-	-	-	SPDT
Contact Current Rating	3(1)A	3(1)A	3(1)A	3(1)A	3(1)A	3(1)A
Locking & Limiting Feature	Yes	Yes	Yes	Yes	Yes	Yes
Dimensions (mm)	86 High	86 High	86 High	86 High	86 High	86 High
	85 Wide	85 Wide	85 Wide	85 Wide	85 Wide	85 Wide
	42 Deep	42 Deep	42 Deep	42 Deep	42 Deep	42 Deep



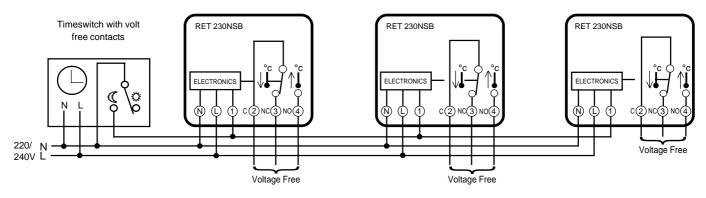
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Electronic Room Thermostat RET 24 and RET 230

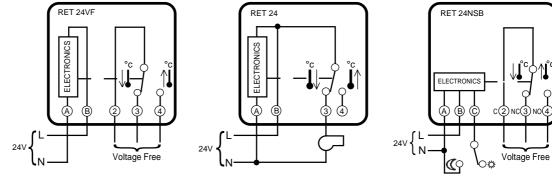


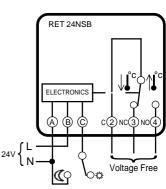


Typical Application - Multiplezones - RET230's NSB controlled by one timeswitch.

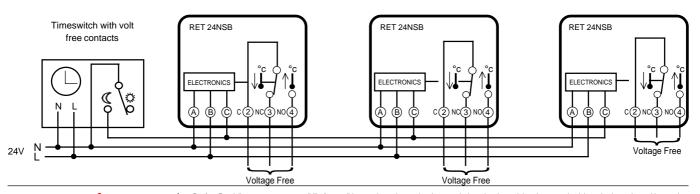








Typical Application - Multiplezones - RET24's NSB controlled by one Timeswitch.





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