

Datasheet

RET Electronic Room Thermostat

Features



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

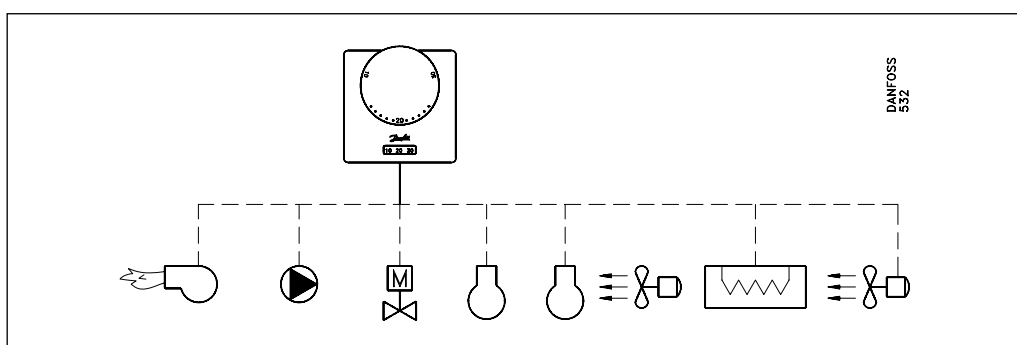
For ease of mounting, RET is based upon a wallplate construction which is fitted and wired before the thermostat is mounted.

Additional features available in the RET range include:

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

Please refer to table below for details.

Application



Ordering Codes and Data

Type	Code No	Electronic Accelerator	Night Set-Back	LED Status Indicators		Comment
				Power On (1)	Stat Calling (2)	
RET230	087N700400	.			.	
RET230L	087N700600	.		.	.	
RET230VF2	087N700801	.			.	Volt free contacts
RET230NSB	087N701000	.	.	• (3)	.	Night set-back achieved using external time control
RET230F	087N701200	No				Frost thermostat
RET230F5	087N701300	No				Frost thermostat, fixed 5°C

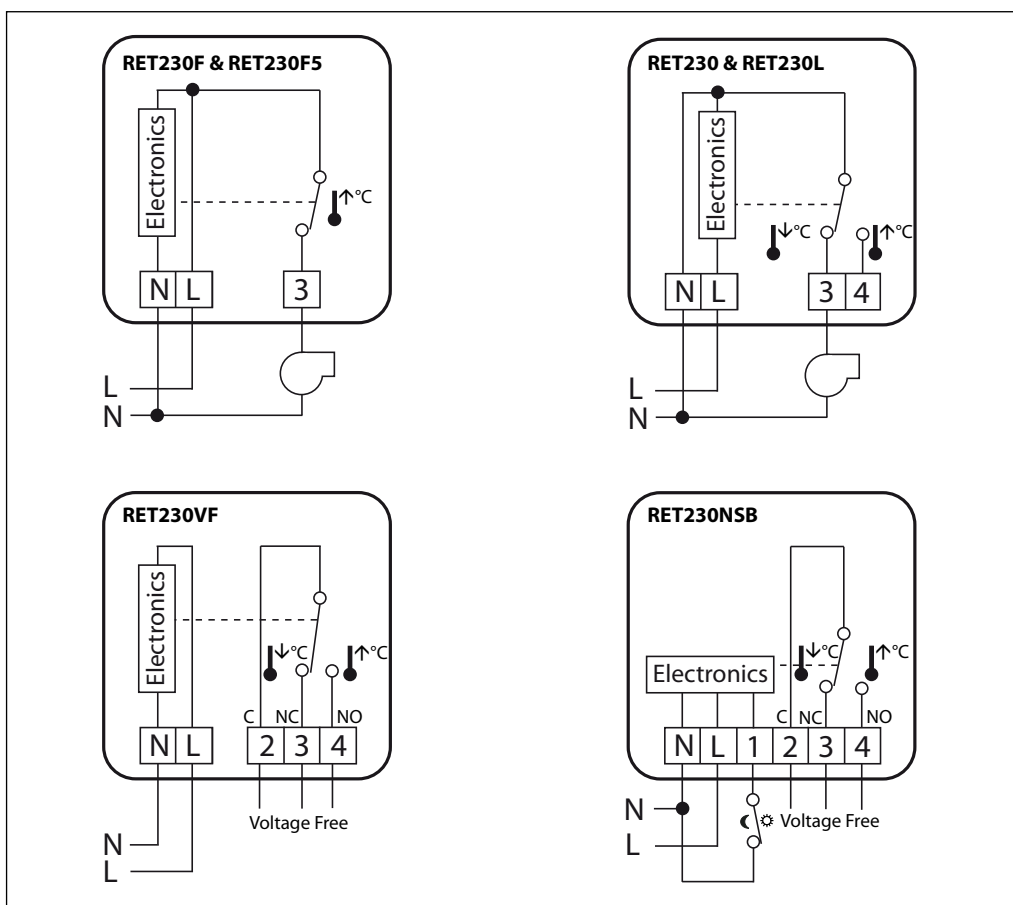
(1) 'Power On' indicator is lit when power is applied to thermostat.

(2) 'Calling' indicator is lit when thermostat relay is closed and calling for heat.

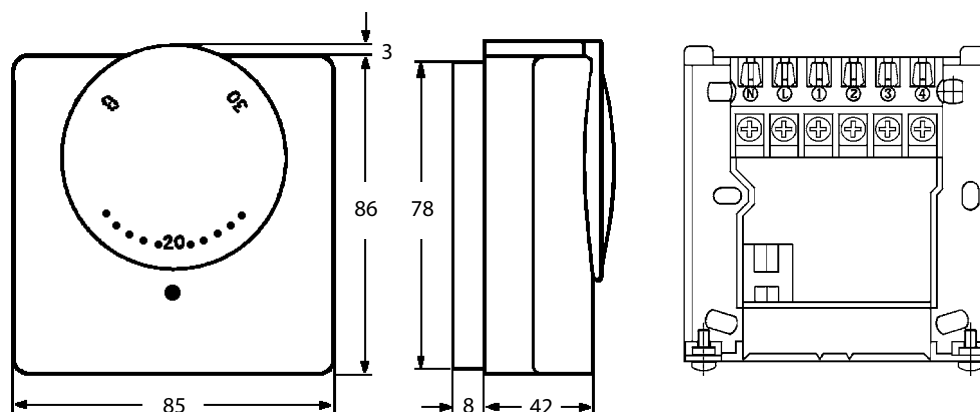
(3) In Night Set-Back version, 'Power On' LED changes colour during night set-back period.

Specifications	RET230F5	RET230F	RET230/RET230L	RET230VF2/RET230NSB
Switching Differential	<1K	<1K	<1K	<1K
Temperature Range	5°C fixed	5-10°C	5-30°C	5-30°C
Operating Voltage	220/240Vac	220/240Vac	220/240Vac	220/240Vac
Sw. Type (common linked internally)	SPST	SPST	SPDT	-
Sw. Type (voltage free contacts)	-	-	-	SPDT
Contact Current Rating	3 (1) A	3 (1) A	3 (1) A	3 (1) A
Locking and Limiting Feature	Yes	Yes	Yes	Yes
Dimensions (mm) - height x width x depth	86 x 85 x 42	86 x 85 x 42	86 x 85 x 42	86 x 85 x 42

Electrical Connection



Dimensions



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Danfoss Randall Ltd.
 Amphill Road
 Bedford MK42 9ER
 Tel: 0845 1217 400
 Fax: 0845 1217 515
 Email: danfossrandall@danfoss.com
 Website: www.danfoss-randall.co.uk