

RT Range

Digital Room Thermostats *With Day/Night Setback Feature*



RT51 and RT52

- Stylish modern design
- Easy to operate
- Large easy to read LCD display
- Easy to programme and operate
- Available in hard-wired and wireless versions
- Battery powered for ease of installation



RX-1



RX-3

Danfoss Randall Ltd

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RT Range

Digital Day/Night Room Thermostats



For applications where it is necessary to run the central heating at a reduced level at night, the stylish RT range offers a simple and cost effective solution.

The RT51, a slim and compact battery-operated digital thermostat, is ideal for both new installations and for upgrading existing systems. It is easy to use, with a large clear LCD display, and it allows the user to programme Day and Night temperatures which are then initiated manually by pressing two buttons. Once programmed, room temperatures are easy to alter using the ▲ and ▼ buttons.

The RT52 is similar in appearance and functionality to the RT51 but incorporates an electronic clock.

Night setback is initiated manually but the return to Day mode is automatic at a predetermined time. Automatic 'Day' return can be advanced at any time by pressing the two control buttons simultaneously.

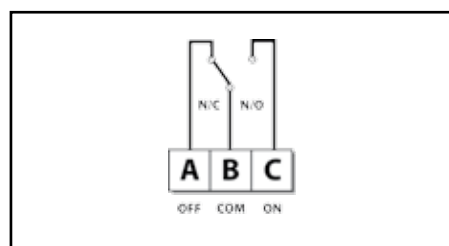
To save installer on-site time, all RT models come factory-set at 20°C 'Day' and 15°C 'Night', with RT2 versions returning to 'Day' at 6:30 am. The user can change these settings quickly and easily at any time to suit individual needs.

The temperature setting range, for both day and night modes, is 5° -30°C plus an 'Off' selection.

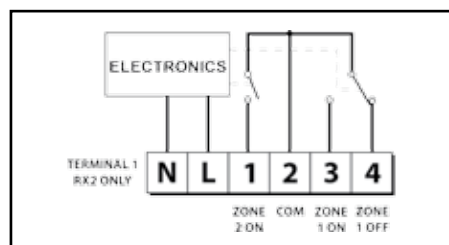


RT51-RF &
RX-1 Receiver
087N729900

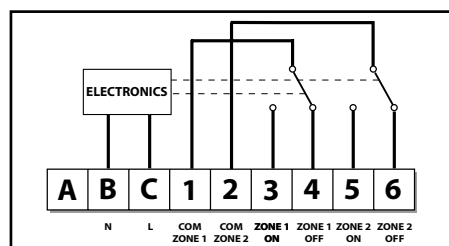
Wiring Details



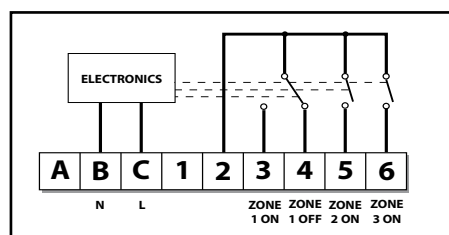
RT51 & RT52



RX-1 & RX-2



RX-2C



RX-3

Wireless, radio-controlled versions, types RT51-RF and RT52-RF, are also available for applications where it is impractical to run cables between the room thermostat and the other control components in the system. Using radio transmissions the RT models communicate with the receiver unit, type RX, which can be located up to 30 metres away from the thermostat.

Each RT thermostat has a unique digital identity code which is learnt by the appropriate channel of the receiver during commissioning.

The receiver unit is available in three versions, offering either 1, 2 or 3 zones of control, each zone requiring its own RT thermostat.

Hard-wired versions	RT51	RT51-RF	RT52	RT52-RF
Code No.	087N699600		087N699700	
Wireless versions				
Code No. without receiver		087N699900		087N700100
Code No. for set c/w single channel receiver		087N729900		087N736600
Heating thermostat with manually selected Day/Night operation	.	.		
Heating thermostat with manually selected Night and Auto Day operation			.	.
Temperature range	Day: OFF, 5-30°C Night: OFF, 5-30°C			
Factory pre-set programme (can be changed)	Day: 20°C, Night: 15°C		Day: 20°C, Night: 15°C Automatic return to Day mode at 06:30)	
Contact current rating	3(1) A, 10-230 Vac	N/A	3(1) A, 10-230 Vac	N/A
Switching action	SPDT	N/A	SPDT	N/A
Transmitter frequency	N/A	433.92MHz	N/A	433.92MHz
Transmitter range	N/A	30 m max. ²	N/A	30 m max. ²
Power supply	2 x AA/MN1500/LR6 alkaline batteries ¹			
Maximum ambient temperature	45°C			
Dimensions (mm)	110 wide x 88 high x 28 deep			
Notes:				
(1) Memory is retained for 1 minute during battery change				
(2) Please ensure there are no large metal objects between thermostat and receiver as these will interfere with radio signal.				

Receivers (RF models)	RX-1	RX-2	RX-2C	RX-3
Code No.	087N747600	087N747700	087N747900	087N747800
Number of zones receiver covers	1	2	2	3
Power supply (receivers)	230 Vac, ±15%, 50/60 Hz			
Contact details	1-SPDT	1-SPDT, 1-SPST	2-SPDT	1-SPDT, 2-SPST
Contact rating	10-230 Vac, 3(1)A			
Dimensions (mm)	138 wide x 88 high x 32 deep			

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