ENGINEERING
TOMORROW

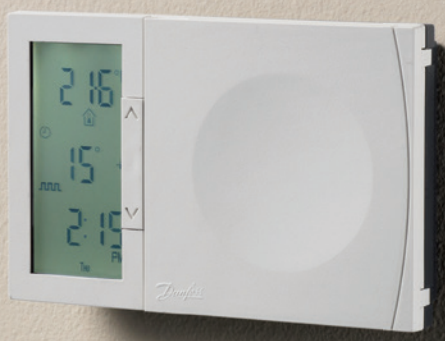
TP7001 Range

Programmable Room Thermostats With **Flexibility** of **Control**

7-Day programming

With the flexibility of choosing 7 day, 5/2 day or 24 hour operating mode and up to six temperature changes per day, the new TP7001 is designed with the heating requirements of modern lifestyles in mind.





www.heating.danfoss.co.uk

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Programmable Room Thermostat
TP7001 (7 Day, 5/2 Day or 24 Hour)

For situations where a high flexibility of control is required.

The TP7001 series combines the functions of a time clock and room thermostat into a stylish, easy to use controller with a large backlit display, which allows the user to programme different temperatures at different times of the day to match lifestyle demands.

The TP7001 offers true 7-day programming, allowing each day to be set differently if so required.

In addition, the unit can be set to 5/2-day mode allowing one set of programmes to be used for weekdays with a different set being available for the weekends.

TP7001 series offers up to six temperature changes each day and includes the option of programming an "Off".

The range includes battery and mains powered versions in both built-in and remote sensor types.



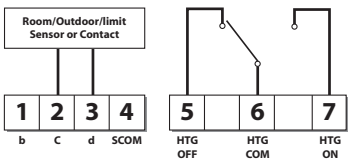
TP7001

- ***Large backlit display***
- ***True 7 day programming***
- ***7 day or 5/2 day operation***
- ***Up to 6 time and temperature changes per day***
- ***Built-in holiday function***
- ***Optimum Start Control***
- ***On/Off or chrono-proprtional control***
- ***Convenient user overrides***
- ***Delayed Start***

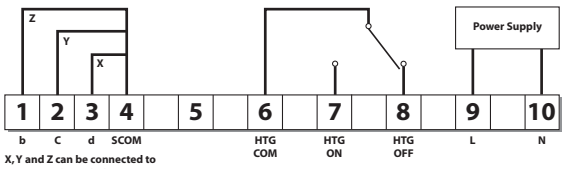
Thermostat Features	TP7001	TP7001A	TP7001M	TP7001MA
	Built-in sensor	Remote sensor	Built-in sensor	Remote sensor
Order codes	087N800200	087N800900	087N800300	087N801000
Control type - On/Off or Chrono-proportional, 3/6/9/12 cycles per hour	Yes			
Hard wired thermostat	•		•	
Digital clock type	24 hour (can be set to AM/PM mode by user)			
Selectable 24 hour, 5/2 day, A/B day or 7 day operation	Yes			
Number of temperature changes per day	Up to 6			
Control temperature range	Off, 5-30°C (can be set to Fahrenheit by user)			
Total switching differential (On/Off mode)	0.1°C			
Factory pre-set programme	Yes			
Programmable holiday mode	Yes, up to a year			
Installer selectable optimum start control	Yes - Off, 0:15, 0:30, 0:45, 1:00, 1:15, 1:30, 1,45 or 2:00 minutes early switch on at set-point minus 4K			
Thermostat mode and frost mode	Yes, set to 5.0°C, but adjustable between 5-30°C			
Power supply	2 x AA/MN1500/LR6 alkaline batteries		230V, 50 Hz	
Memory back-up	Capacitor during battery change for 1 minute		3V battery (10 year lifetime)	
Switching action of output relay	SPDT			
Switch rating of relay contact, voltage and current	3 (1) A, 10-230 Vac			
Dimensions (mm)	140 wide x 91 high x 28 deep			
Pollution situation	Degree 2			
Rated impulse voltage	2.5Kv			
Ball pressure test	75°C			
Remote Sensor	087N774800			

Wiring Diagrams

TP7001



TP7001M



X, Y and Z can be connected to Room/Outdoor/Limit Sensor or contact

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Part No. 057v03 09/14

VB.HS.A2.12_Sep2014