Datasheet





TPOne-S Intelligent Programmable Room Thermostat with Smart App control

Features



TPOne-S is an intuitive programmable thermostat which delivers new levels of user friendly interaction. The large back-lit display uses easy read icons and text information to provide feedback on status and settings to the user.

Secure internet connection to the TPOne Heating smart phone App provides control of your heating from anywhere at any time. This allows the user to adapt their heating on the move saving money when away and improving comfort when returning home.

Installation is simplied by remote switching of the matched RF boiler relay and an optional add on relay can be connected to switch seperate domestic hot water systems. TPOne-S is recommended for fixed installation but also available is an optional table stand and plug in power supply for users who want more flexibility.

Benefits:

- WiFi Connectivity
- Remote Controlled via TPOne Heating App
- A single TPOne-S can be paired with up to 10 mobile devices.
- One mobile device with TPOne Heating App can be linked with upto 20 TPOne-S thermostats
- Secure encrypted internet connection via Danfoss cloud services
- Full local control when WiFi/Internet is unavailable

- Includes DBR RF boiler relay
- Holiday Scheduler
- Upper and Lower Temperature Limits
- Capacitive Touch Button Control
- °C or °F Selectable Display
- Audible Button Click (selectable)
- Frost Protect Temperature Setting
- Selectable Domestic Hot Water timer (requires additional DBR, supplied seperately)
- Clear Text Display (9 Languages)
- Boiler Service Timer

TPOne Comfort Modes

TPOne-S Programmable Room Thermostat includes the quick access Comfort Modes interface. To the left of the display are 4 dedicated user buttons. As a programmable device heating is controlled by a preset schedule but sometimes our schedules change intermittently so we have made it easy for the user to adapt their heating to suit.

The Home, Away & Asleep buttons allow the user to quickly change the current setting to either save energy or deliver comfort when needed. These manual overrides stay until the next scheduled heating change so no need to remember to switch back to automatic control.

The additional standby button also gives the control to stop the heating completely, this will save energy when airing the home or can be used to switch off during Summer months without having to change the schedule. Standby remains until the user chooses to switch back on.

These Comfort Modes are mirrored on the home page of the TPOne Heating App for quick changes on the move.

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TPOne-S Programmable Room Thermostat

Ordering Information

Product name	EAN No
TPOne-S + DBR	5013567423927
TPOne (DBR) *	5013567423958
Optional Table Stand	5013567423934
Optional Wall Decor Plate	5013567423637
	TPOne-S + DBR TPOne (DBR) * Optional Table Stand

* Optional DBR for timed switching of Domestic Hot Water circuit

Specifications

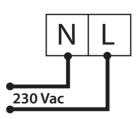
Thermostat Features	TPOne-S	DBR	
Туре	Programmable Thermostat	Boiler Relay	
Power supply	230Vac, 50/60Hz		
Relay type	-	Volt free, SPST type 1A	
Relay Rating	-	3A (1A) at 230Vac	
Transmission Frequency	868.42MHz		
Maximum Range	30 Metres		
WiFi Specification	802.11b/g (2.4GHz) -		
Setting temperature range	5-35 ℃	-	
Operating temperature range	0-45 °C	-	
IP Rating	IP20	IP40	
On/Off Control	Yes	-	
Chrono-proportional control	Yes	-	
Pollution degree	2 (domestic use)		
Rated impulse voltage	2.5kV		
Ball pressure test temperature	75°C		
Software class	A		
Construction	EN60730-2-9	EN60730-1	
Dimensions (mm)	H66 x W155 x D30	H84 x W84 x D30	

ErP Class

ERP Class			
The products represented within this document are classified according to, and allow completion of, the Energy Related Product (ErP) Directive System Package fiche and the ErP system data label. ErP Labelling obligation is applicable from 26th September 2015.			
ErP Class	Product Function and ErP Description	Additional efficiency gain	
V ErP Product 5	TModulating Room Thermostat, for use with modulating heaters An electronic room thermostat that varies the flow temperature of the water leaving the heater dependent upon measured room temperature deviation from room thermostat set point. Control is achieved by modulating the output of the heater.	3%	

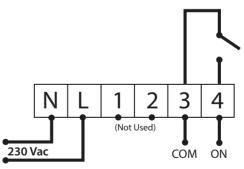
Wiring Details

TPOne-S



When using table stand only use power supply and USB cable provided





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