SRT323

Electronic Room Thermostat

A new addition to the SRT range of room thermostats, offering the latest in energy saving and wireless remote control technology.

SRT323 is a single-box solution that includes time-proportional integral (TPI) software and an interoperable radio.

It can be used as a direct replacement for existing thermostats without the need for wiring changes, while the TPI software optimises boiler firing to help maintain the set temperature without 'overshooting'. It has been shown that TPI controllers can provide considerable energy savings compared with traditional heating controllers. The interoperable radio enables you to remotely change the set point, read the temperature or receive alerts. SRT323 is an ideal partner for use with a home gateway for web-enabled apps, allowing you to remotely control your heating while on the move. You no longer have to worry about returning to a cold house, as long as you have a smartphone or tablet PC handy.

Applications

- Domestic heating control systems
- Replacement for existing wired thermostats

Features & Benefits

- Battery operated, no mains wiring needed
- TPI temperature control software
- Clear back-lit digital display
- Temperature range 5 °C to 30°C
- Standard wall plate
- Easy to install and use
- Local and remote set point control
- Measured temperature can be read remotely
- Operates as a standalone product if no network is available

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Technical specifications

Electrical

Purpose of Control	Electronic Room Thermostat + RF (Independently Mounted)
Contact Rating	3(1)A 230V AC
Contact Type	Micro-Interruption
Supply	3V dc. (2x AAA Alkaline Batteries)
Control Action	Type 1B
Operating Time Limitation	Intermittent
Software Class	Class A

Radio

Compliance	Z-Wave Compliant
RF Frequency	868.42MHz (EU)
Receiver Category	Category 3
Power Class	Class B
RF Range	>100 m line of sight

Mechanical

Dimensions	86mm x 86mm x 36.25mm
Weight (single unit packing)	200 ± 30 g
Case Material	Thermoplastic, flame retardant
Ball Pressure Test Temperature	75°C
Mounting	Wallplate

Environmental

Impulse Voltage Rating	Cat II 2500V
Enclosure Protection	IP30
Pollution Degree	Degree 2
Operating Temperature Range	0°C to +40°C

Compliance

Design Standards	EN 60730-2-9
	R&TTE
	ETSI EN 300 220-2
	ETSI EN 301 489-3
	RoHS, WEEE

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