NEW

Digistat Universal Thermostats

Wired and wireless Digistat room thermostats controlled via smartphone

Drayton

by **Schneider** Electric

Smart, simple, sustainable

Introducing the new Digistat – an innovative range of wired and wireless digital thermostats. Bridging the gap between traditional and smart heating controls, the new Digistat is simply smarter. One product suits any application and installation is as easy as ever.

Made for simplicity

Since it was first launched, the Digistat has come a long way. The third generation is simply the best; including all the popular features of the much-loved current models, and a whole host of new ones.

The new Digistat has been transformed by Bluetooth connectivity. This means the user has the option to enable supreme heating control by using an app when they're at home. No need for them to interact with the thermostat – simply download and control.

But don't worry – for those who prefer traditional control, the user interface has been simplified to make programming from the thermostat easier. The choice is yours.

Made for every eventuality

Installation of the product couldn't be simpler. The wireless versions use the industry standard backplate on the receiver, so there is no re-wiring to be done and no disruption of décor involved in upgrading. Plus the existing SCR is compatible with the new RF thermostat RF90T, so it's a simple pairing job.

If the installation is in a larger property or is already zoned, our dual channel wireless Digistat can provide the perfect solution. Offering hot water control without the use of a separate programmer and the ability to control two heating zones on a combi boiler by simply adding a thermostat.

If an OpenTherm connection is required, we've got this covered too in our single channel mains wired and single channel wireless versions.

Made for accessibility

The beauty of the new Digistat is how versatile it is.

- This universal thermostat allows use as a 7-day, 5/2 day or 24-hour programmable thermostat or even as a simple room thermostat.
- Optional app control via a Bluetooth connection makes the new Digistat suitable for any customer, from those who just want basic heating, to those who are more tech savvy and want to start their smart home journey.
- Audible feedback (optional) and recessed buttons make the new Digistat a perfect solution for vulnerable tenants or those with visual impairments.
- Each variant also has the option to add service interval features.

> " This product would be great for those who want a simple-to-use programmable thermostat. Its temperature adjustment buttons that require minimal pressure make it ideal for those with dexterity impairments."

RIDC Research Institute for Disabled Consumers

Made for sustainability

As the drive towards Net Zero accelerates we must all play our part to make a difference. Schneider Electric have been ranked the world's most sustainable company by Corporate Knights, and at Drayton, sustainability underpins everything we do. From inception, the new Digistat has been designed with sustainability in mind:

- Optimised for heat pumps and electric heating
- Green Premium product
- Supplied in recyclable cartons
- Recyclable plastic
- Minimum use of in-box paper guides
- Responsibly managed supply chain
- Zero to landfill

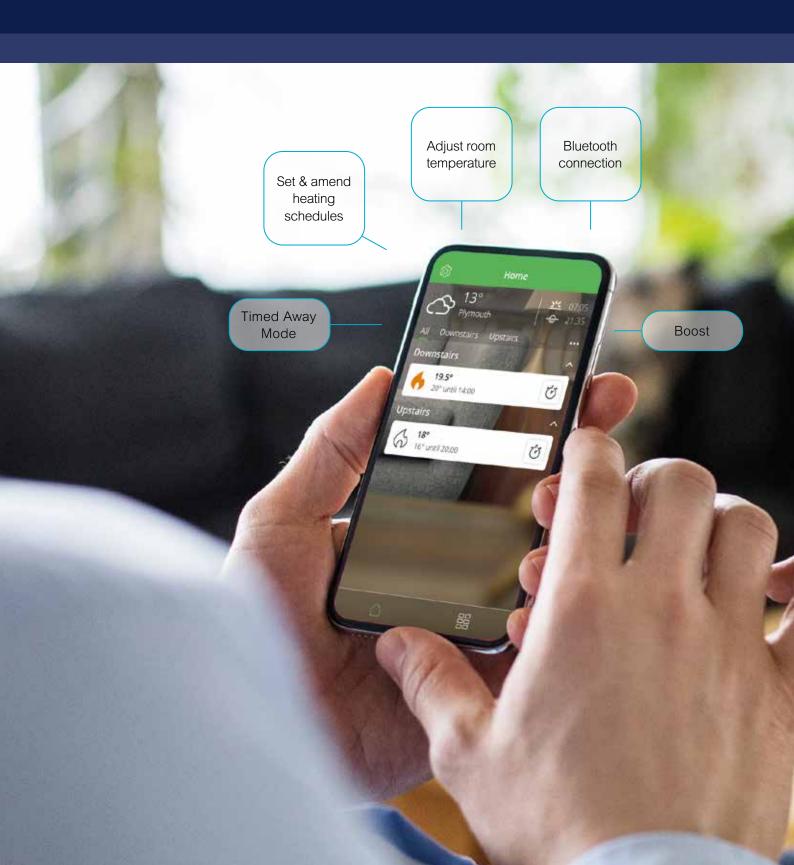" As the drive towards Net Zero accelerates we must all play our part to make a difference. Schneider Electric have been ranked the world's most sustainable company."
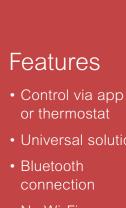
Made for app control

Building on the success and popularity of the Wiser Home app, the Digistat uses the same intuitive app to control heating and hot water when at home.

The Bluetooth connectivity means there's no need for Wi-Fi to be present in the property and use of the app is optional.

Ease of use of the Wiser Home app has been rated the top feature by customers, so it really does make heating control simple. Better control of home heating means maximum comfort, minimum energy usage and reduced energy bills.

Adjust room temperature

Bluetooth connection

Set & amend heating schedules

Timed Away Mode

Boost

Features

- Control via app or thermostat
- Universal solution
- Bluetooth connection
- No Wi-Fi required

Digistat

13:51 19.5°C 5 1

Drayton

Large backlit LCD display

Familiar Digistat features and operation

Option to programme using the app for in-home control via Bluetooth connection (no Wi-Fi needed) or manual control via the thermostat

Optimised settings for gas, oil, heat pumps and electric heating

Universal programming: can be used as 7-day, 5/2 day, 24 hour or simple room thermostat

Options

The new Digistat universal thermostat offers the ultimate in control using the Wiser Home app via Bluetooth connectivity.

Digistat Battery 3A Relay 2290B

- Battery powered
- 2-wire connection for combi boilers
- Settings retained on battery change
- ErP Class IV = 2%
- 3A relay output

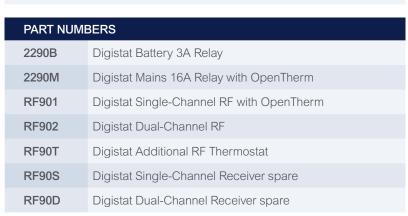## Digistat Mains 16A Relay with OpenTherm 2290M

- Mains powered
- 3-wire connection to the boiler
- ErP Class V = 3% using optional OpenTherm output for modulating boilers
- 16A relay for electrical heating

Digistat Single-Channel RF with OpenTherm RF901

- Wireless version for combi boilers
- Receiver uses industry standard wallplate
- Automatic pairing out of the box
- Desk stand/wall clip provided for the thermostat
- ErP Class V = 3% using optional OpenTherm output for modulating boilers

Digistat Dual-Channel RF RF902

- Wireless version controlling 2 zones
- Control heating and hot water OR 2 heating zones (using additional thermostat RF90T, sold separately)
- Automatic pairing out of the box
- ErP Class IV = 2%
- Desk stand/wall clip provided for the thermostat

PART NUMBERS	
2290B	Digistat Battery 3A Relay
2290M	Digistat Mains 16A Relay with OpenTherm
RF901	Digistat Single-Channel RF with OpenTherm
RF902	Digistat Dual-Channel RF
RF90T	Digistat Additional RF Thermostat
RF90S	Digistat Single-Channel Receiver spare
RF90D	Digistat Dual-Channel Receiver spare

Common features:

- Simple programming via the Wiser Home app in the home (via local Bluetooth connection)
- Boiler Plus compliant
- Large backlit LCD display
- ON/OFF load compensation
- Settings to optimise use with gas boilers, heat pumps, oil boilers or electric heating
- Can be used as 7day, 5/2day, 24hr programmable thermostat or as a simple room thermostat
- 12 or 24hr clock
- Intelligent delayed start or optimum start
- 5th button simplifies programming from the thermostat
- New Boost feature
- Timed Away Mode
- Time and date factory set
- Automatic summer/winter time update
- 3 default programmes
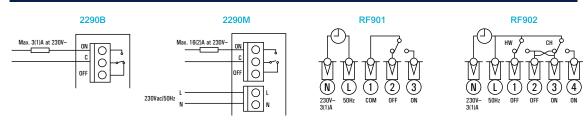
Service interval features:

- Flexible service interval mode (reminder, reduced comfort or off)
- Adjustable warning period
- Adjustable service period
- Visual indication on LCD and on app where used
- Selectable boost feature
- Selectable audible alarm
- Reset by installer's 4-digit code

Technical

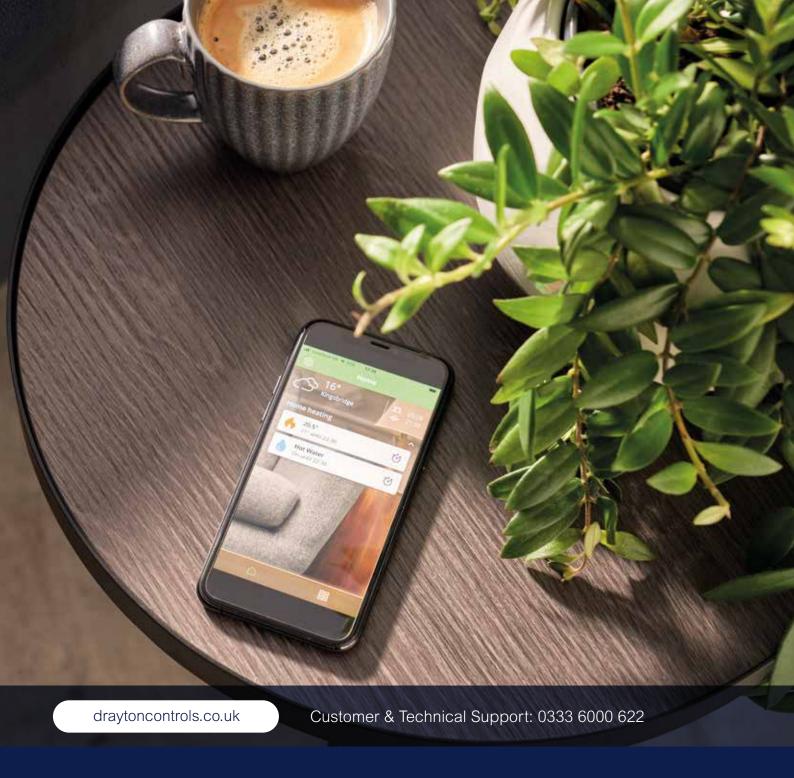|	Digistat Battery Relay 2290B	Digistat Mains Relay 2290M	Digistat RF Thermostat RF90T	Digistat Single-Channel Receiver RF90S	Digistat Dual-Channel Receiver RF90D
Power supply	2 X AA 1.5V alkaline batteries	230VAC +/-10%, 50Hz	2 X AA 1.5V alkaline batteries	230VAC +/-10%, 50Hz	230VAC +/-10%, 50Hz
Switch type and rating	3(1)A at 230V/50Hz	16(2)A at 230V/50Hz	N/A	3(1)A at 24~230V/50Hz	3(1)A 230V/50Hz
Min. recommended current	SPDT (voltage free contacts) 10mA@24VAC (inductive)	SPDT (voltage free contacts) 10mA@24VAC (inductive)	N/A	SPDT (voltage free contacts) 10mA@24VAC (inductive)	SPDT 10mA@24VAC (inductive)
Ambient temperature	Operating 0°C to 40°C Storage - 20°C to 65°C			Operating 0°C to 45°C Storage - 20°C to 65°C	
Ambient humidity (non condensing)	Operating 20% to 80% 90% non condensing				
Temperature range	5°C to 30°C	5°C to 30°C	5°C to 30°C	N/A	N/A
Rated impulse voltage	4KV				
Ball pressure test	75°C				
Disconnection means	1B				
Automatic action	100,000 cycles	100,000 cycles	N/A	100,000 cycles	100,000 cycles
Operating frequency (Bluetooth)	2402-2480 MHz	2402-2480 MHz	2402-2480 MHz	N/A	N/A
Max RF Power transmitted (Bluetooth)	+10dBm	+10dBm	+10dBm	N/A	N/A
Pollution degree	2				
Protection level	IP30				
Radio frequency	N/A	N/A	433.92 MHz	433.92 MHz	433.92 MHz
Radio signal range	N/A	N/A	50m typically The range may be affected by the composition / density and number of walls between the thermostat and receiver		
Wiring	Designed for fixed wiring only, to comply with IET wiring regulations				
Energy Class	IV - 2%	V = 3%	See Receiver	V = 3%	IV = 2%
Relevant EC directives	2014/53/EU Radio Equipment Directive 2012/19/EU WEEE 2011/65/EU RoHS Directive				
Applied standards	EN60730-1 EN 60730-2-7 EN 60730-2-9 ESTI EN 300 328 ESTI EN 301 489 EN IEC 63000				
App system requirements	Android™ Version 9 or higher Apple® iOS 12 or higher Bluetooth version 4.2 or higher				
Sustainable offer status	Green Premium Product				

Internal wiring

2290B

Max. 3(1)A at 230V~
ON
C
OFF
230Vac/50Hz

2290M

Max. 16(2)A at 230V~
ON
C
OFF
L
N
230Vac/50Hz

RF901

N   L   1   2   3
230V~   50Hz   COM   OFF   ON
3(1)A

RF902

HW   CH
N   L   1   2   3   4
230V~   50Hz   OFF   OFF   ON   ON
3(1)A

How do we measure up?

Thermostat

90mm
135mm
31mm

Receiver

94mm
122mm
35mm

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by **Schneider** Electric