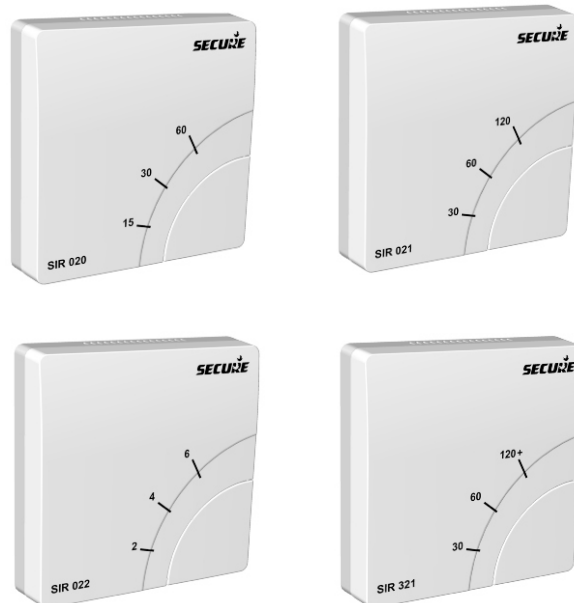


SIR 020 | SIR 021 | SIR 022 | SIR 321

The new stylish range of digital timer controls SIR 020, SIR 021 and SIR 022 are simple push-button switches that remember to switch off electrical appliances - so you don't need to. Big energy savings are possible by adding this simple device to any high-powered electrical appliance, with loads up to 3kW (resistive).

These units are perfect for boiler override or extension timers and can be used on panel heaters, immersion heaters, heated towel rails and oil-filled radiators. Boost times range from 15 minutes to 6 hours. A wireless Z-Wave® version, SIR 321, is also available, which supports an optional external temperature sensor for temperature reporting and remote operation.



Application

- Immersion heaters
- Panel heaters
- Heated towel rails
- Oil-filled radiators
- Boiler extension timer
- Forced ventilation in conference rooms
- Underfloor heating temperature measurement (Z-Wave® version)

Benefits

- Simple to use and reliable
- Saves energy
- Remembers to switch off when you forget
- Single push-button operation
- Simple and straightforward wiring
- Fits standard 25mm UK wall/flush box and 35mm Continental European circular wall/flush box

Features

- Choice of 4 models:
 - SIR 020 – 15, 30, 60 minutes timer
 - SIR 021 – 30, 60, 120 minutes timer
 - SIR 022 – 2, 4, 6 hours timer
 - SIR 321 – 30, 60, 120 minutes timer with Wireless Z-Wave®
- Countdown LED indicator light
- Switches loads of up to 3kW
- Flush or surface mounting
- SIR 321 additional features:
 - Configurable countdown timer from 1 minute to 24 hours
 - Simple pairing to any 3rd-party system
 - Supports Binary Switch Command Class
 - Provision to connect external wired temperature probe
 - Temperature reporting by time interval or temperature delta change

SIR 020 | SIR 021 | SIR 022 | SIR 321

Technical specifications

Electrical

Purpose of control	Electronic timer (independently mounted)
Contact rating	13(3)A, 230V AC, suitable for loads up to 3kW
Control type	Micro-disconnection
Supply	230V AC, 50Hz only
Control action	Type 2B
Operation time limitation	Intermittent
Software class	Class A
Timing accuracy	(±5%)

Mechanical

Dimensions	85 x 85 x 19mm (flush mount), 85 x 85 x 44mm (surface mount)
Case material	Thermoplastic, flame retardant
Ball pressure test temperature	75°C
Mounting	Single-gang surface mount/flush box, minimum depth 25mm (UK) / 35mm (EU)

Environmental

Impulse voltage rating	Cat II 2500v
Enclosure protection	IP 30
Pollution degree	Degree 2
Operating temperature range	0°C to 35°C

Compliance

Design standards	EN 60730-2-7, RoHS,  
SIR 321 only	R&TTE ETSI EN 300 220-2 ETSI EN 301 489-3 

Ordering information

- SIR 020** 15 to 60 minute boost timer with single push-button operation and LED indicator lights.
Suitable for loads up to 3kW at 230V AC.
- SIR 021** 30 to 120 minute boost timer with single push-button operation and LED indicator lights.
Suitable for loads up to 3kW at 230V AC.
- SIR 022** 2 to 6 hour boost timer with single push-button operation and LED indicator lights.
Suitable for loads up to 3kW at 230V AC.
- SIR 321** RF Z-Wave® variant, 30 to 120 minute boost timer with single push-button operation and 1 min to 24 hour timer over RF.
Suitable for loads up to 3kW at 230V AC.

Optional external temperature probe for SIR 321 has accuracy ±0.5°C from 0°C to 65°C and temperature range from 0°C to 100°C

All above models are suitable to install on below types or any other similar type of wall gang/back boxes:

