

ST9100A

Honeywell



Application

ST9100A is a single channel 1 day timer, designed for control of a single heating zone or combi boiler applications.

Easy to use

ST9100A has the new and groundbreaking Line of Text (LoT™) display that gives clear plain English instructions whenever any button or slider is used. This means that installers, customers and users can operate all of the controls reliably, without needing to find an instruction manual.



1 day timer

Setting the pace...

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1 day timer

Features

- LoT™ display, providing text feedback that gives help and programming hints
- Large backlit display
- Factory set clock and date
- Automatic Summer/Winter 1 hour time change
- Up to 3 On/Off periods per day
- Temporary or permanent override facilities
- Extra hour facility, for up to 3 hours of boost or programme extension
- Choice of 3 different built in programmes
- Programme indicator lights
- Fits on industry standard back plate
- Direct replacement for ST6100 models
- Suitable for mains, low voltage or potential free switching

The backlit display can be set to off, intermittent or on continuously, with no extra energy consumption.

Any programmed settings are retained indefinitely in non volatile memory.

Installation

ST9100A is for use in normal domestic environments, and so should be located inside the house or building. As the product is an important control which can reduce energy consumption, it is strongly recommended that it is located somewhere with easy access.

ST9100A should be mounted at a level where the display can be seen clearly (1.2 to 1.5m from the floor) and the ambient temperature is within the range 0 to 40°C.

Specification clauses

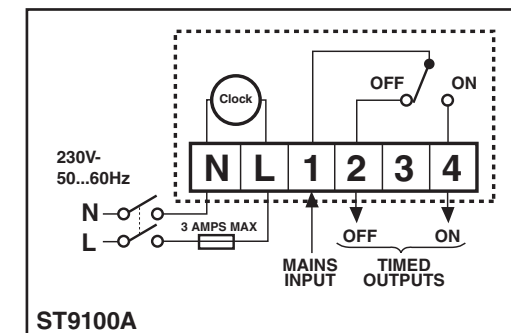
- Central heating timer with large clear high contrast display measuring 57 x 37mm
- Preset programmes for three typical usage patterns
- Backlighting for display to consume no additional power
- Display to carry text messages to assist installation, set up and use
- All programming actions to be confirmed by a button press with tactile and visual confirmation
- All programme data to be stored permanently in the event of power outage
- Battery backup for clock settings to be two level
- User buttons to extend daily programme periods for up to three hours
- User buttons to allow user to switch off their heating for a variable number of days (1 – 99 days) when on holiday

Options

ST9100A is available as this, the 1 day model. The ST9100S has an additional feature that can remind you when a heating system service is due each year.

A 7 day model, ST9100C, is also available.

Wiring diagram



Specification ST9100A1008

Switch Rating	: 3A resistive, 3A inductive at 230VAC, 10mA at 12Vdc min
Switch Type	: Single pole, double throw (SPDT) relay
Power Supply	: 230VAC 50Hz 10W
Power Reserve	: Built in battery maintains factory set date & time. Backup super capacitor retains real time for more than 1.5 hours
	: All settings and parameters stored in NVRAM will be retained indefinitely
Wiring	: Wiring terminals < 2.5mm ² with cage clamps
Time Setting	: Time of day – 1 minute
Resolution	: Programme time changes – 10 minutes
Time Display	: 24 hour or 12 hour AM/PM format
Timing Accuracy	: Typically better than 10 minutes per year
	: Time and date factory set
Operating Temperature Range	: 0 to 40°C
Operating Humidity Range	: 10% to 90% RH, non-condensing
Storage Conditions	: -20 to 55°C
European Standards	: EN60730-2-7
EC Directive	: CE mark
	: Conforms to protection requirements of Directives 2006/95EC and 89/336EC (as amended by 04/108/EC)
	: WEEE & RoHS compliant



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