

# Honeywell Hot Water Timer



## What is the ST9100C Hot Water Timer?

The ST9100C is a single channel 7 day timer, designed for control of a single heating zone or hot water cylinder. ST9100 models are suitable for mains, low voltage, or potential-free switching of the heating load.

### Benefits:

Using the Honeywell Hot Water Timer you can set your hot water cylinder to heat during sunlight hours when your solar system is creating electricity, thus reducing the draw on the grid and saving you money in electricity bills. Don't have solar? Instead of using the default timer within your hot water cylinder that heats the cylinder when the temperature drops, you can set the Honeywell Hot Water Timer to only heat during set periods so it's hot and ready for your morning and evening showers for example and avoid those expensive peak electricity periods.

With special options for when you have extra people staying and your hot water requirements need a boost, the Honeywell Hot Water Timer is the smarter way to manage your hot water cylinder electricity usage.

### Easy to use:

ST9100C has the new 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. ST9100C also features a 'Holiday' button allowing the user to switch off their heating for a specified number of days (1 to 99) while they are away from home.

## Drop dollars off your heating bill with our Hot Water Timer

Is your hot water cylinder on 24 hours a day? What if you could set it to be on during only the hours you need so it operated in the most energy efficient manner possible? With the Honeywell Hot Water Timer you can set 'On' and 'Off' time periods for your hot water cylinder to better suit your lifestyle while maximising electricity savings.

## Honeywell ST9100C

Single Channel 7 Day Timer

### Features

- Clear display, providing text feedback that gives help and programming hints
- Automatic Summer/Winter 1 hour time change
- Up to 3 On/Off periods per day
- Holiday button for programme override
- 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
- Fits on industry standard back plate

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

Any programmed settings are retained in the event of a power outage.

# SINGLE CHANNEL TIMESWITCHES

# ST9100A/C

## Installation

The **ST9100** can either be surface or flush switch box mounted. The wiring sub-base has holes to suit single switch boxes and provision for surface wiring.

When wiring is completed the front module is slotted onto the sub-base and secured by tightening the retaining screws.

## Ordering Specification

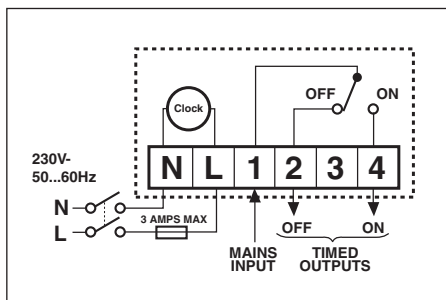
### ST9100A1008

Timer 1 day, having two on/off periods per day

### ST9100C1006

Timer 7 day, having three on/off periods per day

## Wiring



## Notes

1. ST9100 is suitable for contact-closure potential free or mains voltage switching.
2. If normal mains voltage is required, link terminals L and 1.
3. The ST9100 is a Class II (double-insulated) device. A parking terminal is provided for earth wiring continuity, if required.
4. Where applicable, the ST9100 may also be used to control hot water systems independently.
5. Where applicable, multiple ST9100 timers may also be used to control heating and hot water systems independently.

## Specification

Switch Rating	: 3A resistive, 3A inductive at 230VAC, 10mA at 12Vdc min
Switch Type	: 1 x Single pole, double throw (SPDT) potential free relay
Power Supply	: 230VAC 50Hz 10W
Power Reserve	: In-built 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 <sup>2</sup> with cage clamps
Time Setting Resolution	: Time of day - 1 minute : Programme time changes - 10 minutes
Time Display	: 24 hr or 12 hr 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

## Dimensions (mm)

