

# ELECTRONIC TIMESWITCH

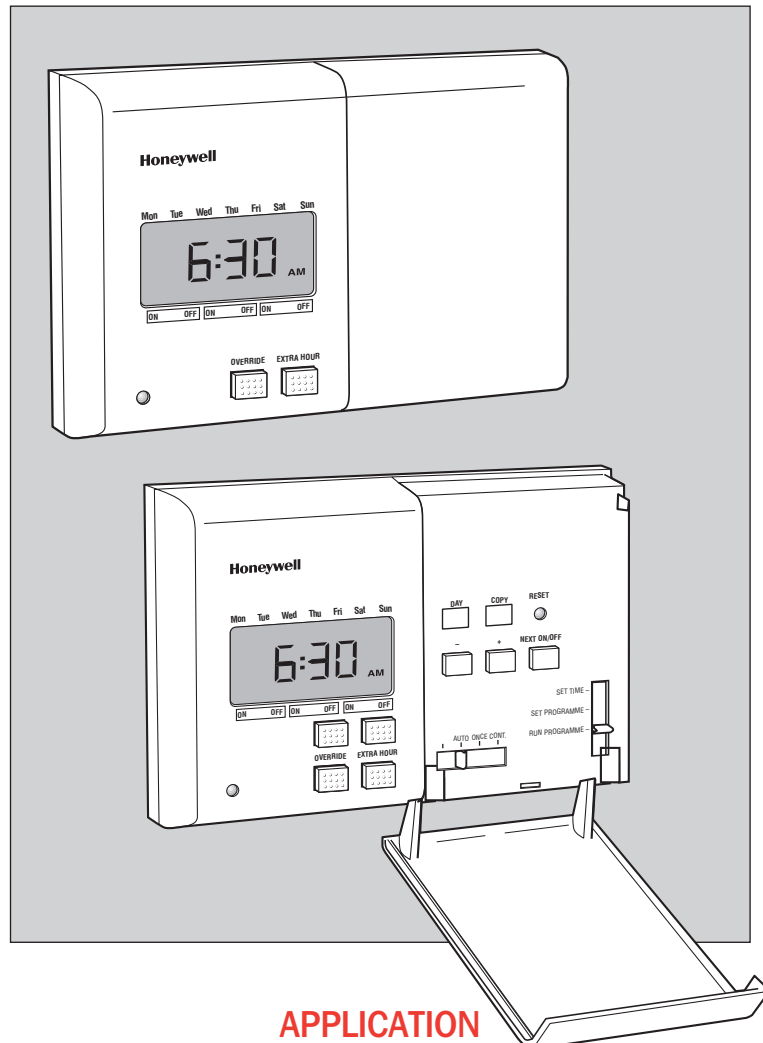
## ST6100

### FEATURES

- Built-in battery back-up.
- Built-in start-up programme.
- Clear digital display.
- Ease of operation.
- Temporary or permanent over-ride facilities.
- 12-hour time display with am/pm indication.
- Simple change to 24 hour clock display.
- Programme indicator lights.
- Double insulated.
- Extra hour facility for one hour boost or programme extension.
- Earth wire parking terminal.

### OPTIONS

- ST6100C 7 Day Single Channel timeswitch with up to three ON/OFF periods a day.
- ST6100A 24 Hour Single Channel timeswitch with up to two ON/OFF periods a day.



### APPLICATION

The ST6100C is a single channel timeswitch that gives great flexibility offering up to three on/off switchings per day, additionally, each day could be programmed differently. Ideal for combi installations when the user has different heating needs from day to day or as a zone control on larger systems.

The ST6100A is a 24 hour timeswitch with two on/off switchings times per day. This unit can be used for combi boilers, added zones or any application where small electrical loads need switching.

A hinged cover conceals the programming buttons when not in use, leaving only the two override buttons exposed. The front cover also carries abbreviated user instructions on the inside for permanent ready reference.

## Installation

**ST6100** can be either surface or flush switch box mounted, for both of which fixing screws are supplied. The wiring sub-base has holes to suit single switch boxes and breakouts for surface and channelled wiring and mini-trunking.

When wiring is completed the plug-in module is fitted onto the sub-base and secured by tightening the retaining screws.

## Ordering Specification

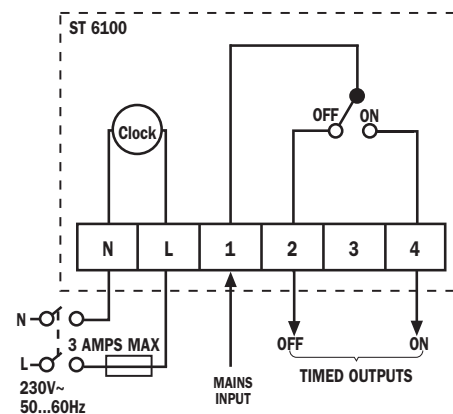
ST6100C1009

Electronic 7 Day Timeswitch having three ON/OFF periods per day.

ST6100A1001

Electronic 24 Hour Timeswitch having two ON/OFF periods per day.

## Wiring



## Notes

1. Suitable for potential free mains voltage switching.
2. If normal mains voltage is required link terminal L and 1.



## Specification

|                               |  |
|-------------------------------|--|
| Switch Type                   | : Single pole, double throw (SPDT)                     |
| Switch Rating                 | : 3(3)A  |
| Timing Accuracy               | : $\pm 1$ min/month                                    |
| Timing Resolution             | : Time of Day 1 minute<br>: Programme Times 10 minutes |
| Ambient Operating Temperature | : 0-50°C   |
| Power Reserve                 | : Minimum 4 days                                       |
| Weight                        | : 330g approx (including wall plate)                   |
| Earthing                      | : Double Insulated                                     |
| Battery Back-Up               | : Integral battery with built-in charging circuit      |
| Standards                     | : Complies with BS EN60730-2-7                         |
| EC Directive                  | : Conforms to 89/336/EEC & 73/23/EEC                   |

## Dimensions (mm)

