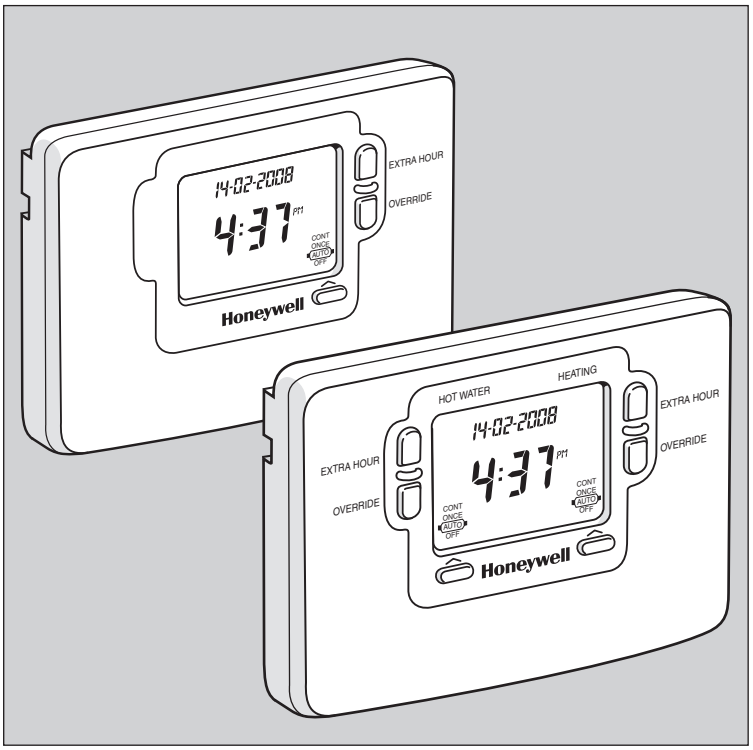
SERVICE TIMER AND PROGRAMMER

ST9100S /ST9400S

FEATURES

- Service Interval reminder with variable levels of action
- 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
- Temporary or permanent override facilities
- Extra hour facility, for up to 3 hours boost or programme extension
- Choice of 3 different built in programmes
- Programme indicator lights
- Fits on industry standard back plate
- Direct replacement for ST6100 and ST6400 models
- Any programmed settings retained indefinitely in non volatile memory
- 2 on/off times per day
- ST9100S suitable for mains, low voltage or potential free switching



APPLICATION

The ST9100S and ST9400S Service Interval time controllers have additional features to help landlords comply with the requirements of Regulation 36 of the Gas Regulations 1998. The landlord, installer or service company can configure the Service Interval, the advance tenant notification period and how the controller will operate when the Service Interval has expired. These models look and operate exactly as standard ST9000 models, until the Gas Service is due, at which point the predetermined action takes place. The LoT™ display can also be used to show a telephone number to help the user arrange their gas service.

The ST9100S is a 1 day timer with Service Interval reminder, with two on/off switchings times per day. This unit can be used for combi boilers, added zones or any application where small electric loads need switching.

The ST9400S is a 1 day full programmer with Service Interval reminder, with two on/off switching times per day. Heating and hot water can be programmed independently.

The ST9100S & ST9400S comply fully with Building Regulations Part L1 for England & Wales.

HEATING CONTROLS

Honeywell

SERVICE TIMER/PROGRAMMER ST9100S/ST9400S

Installation

The **ST9100S/9400S** 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.

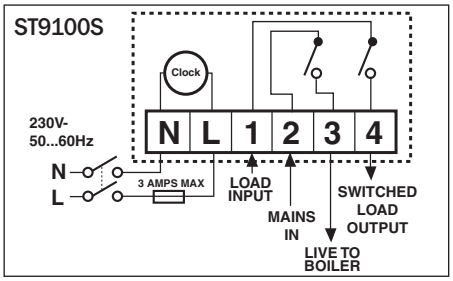
When wiring is completed the front module is slotted onto the sub-base and secured by tightening the retaining screws.

Ordering Specification

ST9100S1007
Timer 1 day, with Service Interval reminder

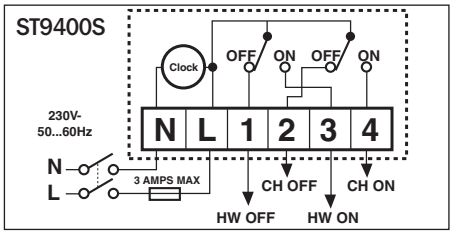
ST9400S1001
Programmer 1 day, with Service Interval reminder

Wiring



Notes

1. The ST9100S is a Class II (double-insulated) device. A parking terminal is provided for earth wiring continuity, if required.
2. The ST9100S is a single channel timer designed for combi-boiler installations, and can be wired to shut down both heating and hot water after the service period.
3. Wiring can be done at 230VAC, or the boiler control output connections can be contact closure potential free.
4. Where applicable, the ST9100S may also be used to control hot water systems independently.
5. Where applicable, multiple ST9100S timers may also be used to control heating and hot water systems independently.



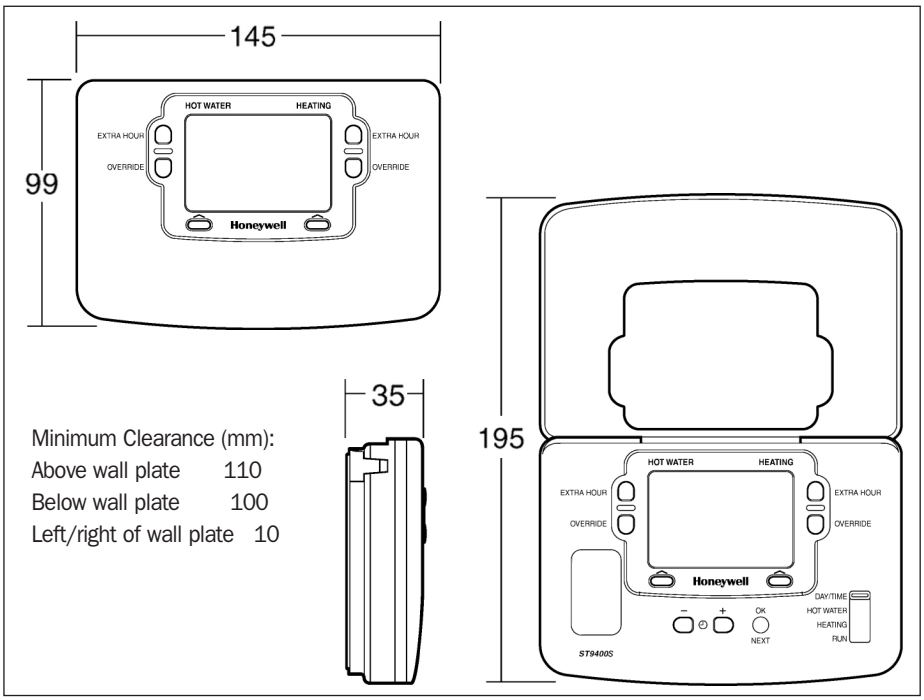
Notes

1. The ST9400 is a Class II (double insulated) device. A parking terminal is provided for earth wiring continuity, if required.

Specification

Switch Rating	: 3A resistive, 3A inductive at 230VAC, 10mA at 12Vdc min
Switch Type	: ST9100S 2 x Single pole, single throw (SPST) relays : ST9400S 2 x Single pole, double throw (SPDT) relays
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^2 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)



Minimum Clearance (mm):
Above wall plate 110
Below wall plate 100
Left/right of wall plate 10