ST9400C

Honeywell

Application
ST9400C is a two channel 7 day programmer with independent timing for control of heating and hot water zones.

Easy to use
ST9400C 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.

7 day programmer
with independent times for heating and hot water

Setting the pace...

Honeywell

ST9400C

7 day programmer

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
- Can be set as 7, 5/2 or 1 day operation
- 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
- Programme indicator lights
- Fits on industry standard back plate
- Direct replacement for ST6200, ST6300 and ST6400 models

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

ST9400C 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.

ST9400C 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 programmer with large clear high contrast display measuring 57 x 37mm
- Preset programmes for three typical usage patterns
- Programmer to be adaptable to suit 7 day, 5/2 day and 1 day applications
- 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
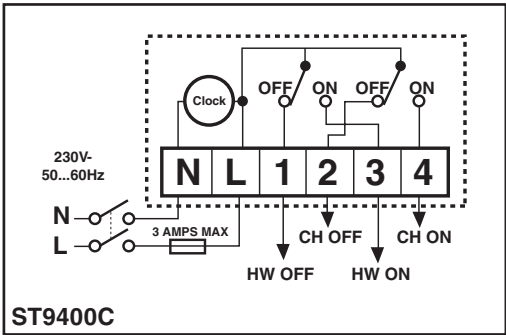
Options

ST9400C is available as this, the 7 day model. The ST9400S has an additional feature that can remind you when a heating system service is due each year.

ST9400C can be set to operate as a 7, 5/2 or 1 day programmer.

A dedicated 1 day model, ST9400A, is also available.

Wiring diagram

ST9400C

Specification — ST9400C1000

Switch Rating	: 3(3)A max at 230VAC
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 Resolution	: Time of day – 1 minute : 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