

# SUNVIC SELECT 207

## INSTALLATION INSTRUCTIONS

CONFORMS TO THE ESSENTIAL REQUIREMENTS  
OF THE FOLLOWING DIRECTIVES:  
89/336/EEC - Electromagnetic compatibility  
73/23/EEC - Low Voltage Directive

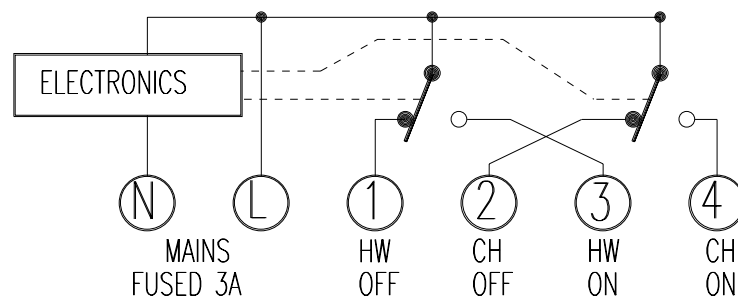


### SPECIFICATION

Power Supply	: 220/240V AC, 50Hz	Ambient Temperature	0 - 35C
Total Input	: 3A	Battery type	3v Lithium Button CR2032
Contact Rating	: 3(1)A	Battery Reserve (programme)	30 Days
Disconnection Class	: 1B	Cabinet Protection Class	IP30

This unit is designed for fixed wiring only to comply with I.E.E. regulations and should be installed by a competent electrician. It is only suitable for use under normal pollution conditions. Mains input **must have a 3amp fuse**.

### INTERNAL WIRING



### BEFORE INSTALLATION

Set switch on back of unit to P or G according to the type of system to be controlled.  
P - Fully PUMPED system allowing independent control of Central Heating and Hot Water.  
G - GRAVITY fed Hot Water system which does not permit Central Heating without Hot Water but can provide Hot Water without Central Heating.

Set switch on back of unit to A or B or C. This configures programmer as follows:-  
A - 24hour programmer option runs same programme every day.  
B - 5day/2day programmer option allows different on/off times at weekend.  
C - 7day programmer option allows different on/off times for each day of the week.

Battery must be fitted into back of unit to ensure times and programme settings are maintained during temporary power interruption (polarity as marked).

### DIRECT PLUG-IN UPGRADE FOR EXISTING PROGRAMMERS

Programmer will plug directly onto existing wall-plates of following programmers without any rewiring, just follow procedure below table.  
Otherwise fit new wall-plate supplied and refer to wiring interchange guide.

MANUFACTURER	MODEL	MANUFACTURER	MODEL
ACL	LP112 , LS241 , LS522 LS722 , LP241 , LP522 , LP722	Landis & Gyr	RWB2 , RWB2.9 , RWB102 RWB200 , RWB252 RWB20 , RWB40
Danfoss Randall	FP75 , FP15 , CP75 , CP15	Potterton	Miniminder
Drayton	Tempus 3 & 4 & 7	Glow-Worm	Mastermind

Switch off mains.  
Loosen two securing screws on old programmer and unplug it.  
Check existing wall-plate has been correctly fitted (see section Fitting Wall-plate)  
Plug SELECT programmer into wall-plate and re-tighten screws.  
Switch on at mains.  
Press RESET button located behind the flip-down fascia panel then set timing and programme as detailed in user guide.

## WIRING INTERCHANGE GUIDE

When replacing any of the below with your SUNVIC SELECT programmer, fit new wall-plate supplied and follow the connection details shown. Whilst every effort is made to ensure accuracy of the instructions given, you will appreciate that discrepancies may occur due to various reasons outside our control.

Make	Model	Terminals					
		N	L	1	2	3	4
<b>SUNVIC</b>	<b>SELECT 207</b>						
SUNVIC	SP100 & SP50	N	L	1	4	2	5
	SP2	N	L	1	4	3	6
SATCHWELL	LIBRA & DHP2201	1	2	8	5	6	3
SATCHWELL	ET 1401 & 1451	1	2	8	5	7	4
HONEYWELL	ST699 B & C	N	L	7	4	6	3
	ST499 A	N	L	-	-	6	3
	ST6300 & ST6400	N	L	1	2	3	4
	ST7100	N	L	7	4	8	5
ACL	MP	2	1	-	-	6	10
	FP	2	1	8	11	6	10
	2000	N	L	HW OFF	CH OFF	HW ON	CH ON
RANDALL	922 & 972	N	L	1	4	3	6
	4033	7	6	5	3	4	2
	701	N	L	-	-	3	1
	702	N	L	4	2	3	1
	102	5	6	-	-	1	2
	3060 & 3020P	1&7	6	-	-	4	2
	3033	1&7	6	5	3	4	2
	SET2 & SET5	N	L	3	6	1	4
	TSR3+3	3&6	7	2	5	1	4
	MK11 R6	3	1&2	-	-	4	5
	TSR2P	3	1	-	-	5	7
SANGAMO	410 F1 & F9 & F414	4&5	3&6	2	7	1	8
	M5	4	3	-	-	1	6
POTTERTON	EP2000 & EP3000	N	L	1	2	3	4
HORSTMANN	AMETHYST 7 & 10	2	1	4	6	5	7
	CORAL	2	1	-	-	8	4
	DIADEM	N	L	3	6	1	4
	DIAMOND	N	L	-	-	2	4
	GEM	2	1	6	9	4	7
	LEUCITE	2	1	8	4	3	6
SMITHS	CENTROLLER 1000	N	L	1	2	3	4
SWITCHMASTER	400 & 600	N	L	-	-	3	1
	805 & 900 & 9000	N	L	4	2	3	1
THORN	MICROTIMER	N	L	7	4	6	3
TOWERCHRON	T2002	N	L	-	-	HW	CH
	T2000 & T2003	N	L	HW OFF	CH OFF	HW ON	CH ON

### FITTING WALL-PLATE

Position the wall-plate (terminals along top edge) with 60mm (min) clearance to its right, 25mm (min) above, 90 mm (min) below. Ensure that the supporting surface will fully cover the back of the programmer. The ideal location would be 1.4M above floor level, easily accessible, reasonably lit and free from condensation or temperature extremes. Fix the wall-plate to a flush mounting single conduit box type UA1 (BS4662) using M3.5 x 14 bolts.

Ensure that the wiring to the wall-plate terminals leads directly away from the terminals and is completely enclosed within the wall-plate aperture. Wire ends must be stripped and screwed to the terminals so that minimal bare wire is showing.

If the unit is fitted to a metal surface, IT IS ESSENTIAL that the metal be earthed.

DO NOT use a surface mounting box.

Ensure the mains supply is switched off then make wiring connections. This unit requires no earth connection but ensure continuity of earth throughout system.

After wiring, plug unit into wall-plate and tighten the securing screws.

Switch on at mains.

Press RESET button located behind the flip-down fascia panel then set timing and programme as detailed in user guide. Remember to use a non-metallic tool when pressing reset.

NEVER fit or remove the unit to a live wall-plate.

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