

# RPTS

## Nothing is More Reliable

The Round Pattern Time Switches (RPTS) are renowned for their simplicity and ease of use in Industrial and Commercial installations. They consist of two basic types: Standard and Solar models. Round Pattern products are unique, in that all models have a 20 amp switching capability, allowing the products to be utilised in many heavy duty applications, where the use of contactors cannot be warranted. To cater for a wide variety of applications, the range of Round Pattern Time Switches includes the following:

## Standard

### CAT No.

#### Electronic

#### 7 day, single channel with 100 hr battery reserve

E854

1 pole 1 throw, 20A, 3 pin, 96 operations per day

E855

1 pole 1 throw, 20A, 4 pin, 96 operations per day

E863

1 pole 2 throw, 20A, 4 pin, change over, 96 operations per day

#### Electro-Mechanical

#### 24 hour dial models with 100 hr battery reserve

Q554 form 2 or 3

1 pole 1 throw, 20A, 3 pin, day omit ON

Q555 form 2 or 3

1 pole 1 throw, 20A, 4 pin, day omit ON

Q557 form 2

1 pole 1 throw, 20A, 4 pin, day omit OFF

Q559 form 2

1 pole 1 throw, 20A, 4 pin, day omit ON, early OFF

Q563 form 2

1 pole 2 throw, changeover - 10/20A, 4 pin, day omit one circuit only

Q586 form 2

1 pole 1 throw, 20A, 4 pin, day omit ON, early ON

#### Electro-Mechanical

#### 24 hour dial models without battery reserve

S254 form 2 or 3

1 pole 1 throw, 20A, 3 pin, day omit ON

S255 form 2 or 3

1 pole 1 throw, 20A, 4 pin, day omit ON

... form 2 gives 2 ON &amp; 2 OFF operations

... form 3 gives 3 ON &amp; 3 OFF operations

## Solar

#### Electro-Mechanical

#### Solar dial models with 100 battery reserve

Q550 form 13

1 pole 1 throw, 20A,3 pin, early OFF, day omit ON

Q550 form 14

1 pole 1 throw, 20A,3 pin, early OFF and ON, day omit ON

Q551 form 13

1 pole 1 throw, 20A,3 pin, early OFF

Q551 form 14

1 pole 1 throw, 20A,3 pin, early OFF and ON

Q553 form 13

1 pole 1 throw, 20A,4 pin, early OFF

Q553 form 14

1 pole 1 throw, 20A,4 pin, early OFF and ON

#### Electro-Mechanical

#### Solar dial models without battery reserve

S251 form 13

1 pole 1 throw, 20A,3 pin, early OFF

S251 form 14

1 pole 1 throw, 20A,3 pin, early ON and OFF

S253 form 13

1 pole 1 throw, 20A,4 pin, early OFF

S253 form 14

1 pole 1 throw, 20A,4 pin, early OFF and ON

... form 13 gives 1 ON &amp; 1 OFF operations

... form 14 gives 2 ON &amp; 2 OFF operations

#### Accessories

110469

FD930 - Conduit Box for the Round Pattern Switches



# POWERSAVER

The Sangamo Powersaver is a range of simple to use, multi application time switches. Although primarily used for the control of water heaters, the range can also be used for a multitude of applications including the control of panel heaters, security lighting or combi boilers. The unit fits directly into a single gang wall socket and is secured using the same fixing holes of the existing ON/OFF switch.



CAT No.	
PSB	Boost - 30 minutes, 1 & 2 hours (user selectable) Boost periods
PSD	Daily - 30 minutes, 1 & 2 hours (user selectable) Boost periods, 24hr with 3 programming On/Off periods.
PSW	Weekly - 30 minutes, 1 & 2 hours (user selectable) Boost periods, 5 day / 2 day with 3 programming On/Off periods for weekdays, plus an additional 3 programming On/Off periods for weekends.
PS24/7	Weekly - 30 minutes, 1 & 2 hours (user selectable) Boost periods, 7 day with 3 independant programming On/Off periods per day. <b>Compliant with Part L of new building regulations.</b>
143609	Surface Box



The Surface Box is designed for wall mounting and is compatible with all products in the Powersaver range.

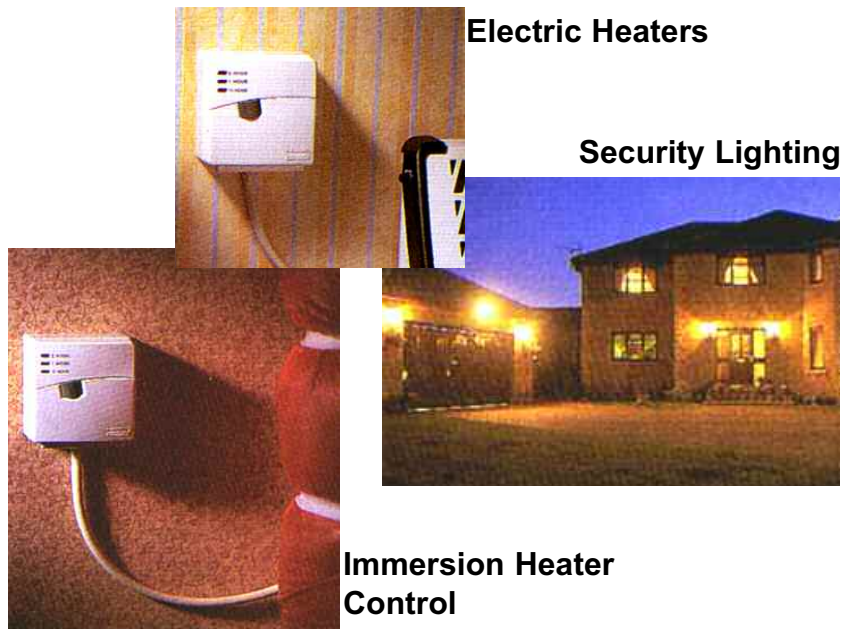
The Surface Box provides two cable clamping positions to suit retrofit applications.

Designed for indoor use only.

## Application Ideas

Electric Heaters

Security Lighting



Immersion Heater Control

# DIN & PANEL

Sangamo offer a range of DIN and PANEL time switches suitable to meet most application needs. The majority have 16 amp, voltage free changeover contacts and battery reserve. Sunrise to Sunset solar programming alternatives are also available, as are products with 2 and 4 channel control.

## Standard DIN

### CAT No.

<b>ONE Module</b>	<b>Electronic, with battery reserve, 16A voltage free changeover</b>
20110	24 hr, choice between 5 pre-registered & adjustable programs. Max 6 switchings per day.0
20821	7 day, choice between 10 pre-registered & adjustable Programs. Max 6 switchings per day.
20722	7 day, 10 free programs. Max 6 switchings per day.
143602	Compatible IP40 enclosure
<b>TWO Modules</b>	<b>Electronic, with battery reserve, 16A voltage free changeover</b>
23141	7 day, single channel
23151	7 day, single channel - with programme key *
23142	7 day, dual channel
23152	7 day, dual channel - with programme key *
23162	7 day, dual channel - with programme key *
23195	Interface and Software for programming by PC (USB)
23193	Virgin programming key
143602	Compatible IP30 Enclosure
<b>FIVE Modules</b>	<b>Electronic, with battery reserve, 16A voltage free changeover</b>
27403	7 day, 4 channel
143541	Enclosure

## Solar DIN

<b>TWO Modules</b>	<b>Electronic, with battery reserve, 16A voltage free changeover</b>
04566	7 day, single channel, with programme key *
04567	7 day, dual channel, with programme key *
23195	Interface and Software for programming by PC (USB)
23193	Virgin programming key
143602	Compatible IP30 Enclosure
<b>THREE Modules</b>	<b>Electronic, with battery reserve, 16A voltage free changeover</b>
ED124.01	24 hour, single channel
ED124.02	24 hour, dual channel
ED107.01	7 day, single channel
ED107.02	7 day, dual channel
ED307.02	7 day, dual channel, 1 channel solar, 1 channel 24 hour non solar
95593	Compatible IP40 enclosure
95594	Flush mounting kit
143603	Compatible IP40 enclosure

**\* For every 5 or more key programming products purchased, we will supply the Interface & Software free**



Some models are complete with USB programming key technology which allows programs to be created easily on PC, saved and then transferred to time switch, perfect when using multiple switches on the same program.

# DIN&PANEL

Sangamo offer a range of PANEL time switches suitable to meet most application needs. The majority have 16 amp, voltage free changeover contacts and battery reserve.

## PANEL

### CAT No.

72x72mm	Electronic/Analogue, with/without battery reserve, 8/16A voltage free changeover.
16621	Analogue, 24 hour, single channel, up to 72 switchings, 200 hour reserve, 16A voltage free changeover.
16622	Analogue, 24 hour, single channel, up to 72 switchings, no reserve, 16A voltage free changeover.
16921	Analogue, 7 day, single channel, up to 84 switchings, 200 hour reserve, 16A voltage free changeover.
16922	Analogue, 7 day, single channel, up to 84 switchings, no reserve, 16A voltage free changeover.
23171	Electronic, 24 hour, single channel, with reserve, 8A voltage free changeover.
23671	Electronic, 7 day, single channel, with reserve, 8A voltage free changeover.



## Application ideas for the DIN & PANEL range

- ▶ Heating Control
- ▶ Security Lighting
- ▶ Shop Display Lighting
- ▶ Car Park Lighting
- ▶ Lighting for exterior of buildings
- ▶ Machinery Control
- ▶ School Bells
- ▶ Street Lighting
- ▶ Garden/Greenhouse Watering Systems