

# Controls & Energy Management



Time Switches

212



Thermostats

213



Meters

214



Dimming

215-216

## TIME SWITCHES



SCTS960

S24EIHT

S24NCT

S247ET

SRTS113

S24GPIHT

S7EIHT

SCTU9000

STS840

### Round Pattern Time Switches

Industry standard 20 Amp 3 pin round pattern timer switch. Can be used as a direct replacement for single channel On/Off switching. 24 On/Off programmes in 24 hours. Half day(s) and day(s) omit unlimited over a 7 day period. Permanent on facility and a manual override.

| Description                    | Part No.       |
|--------------------------------|----------------|
| 3 Pin 20A 24 On/Off + Day Omit | <b>SRTS113</b> |

### 24 Hour Immersion Heater and Hard Wired General Purpose Timer

Minimum setting time is 15 mins. Minimum On/Off period, 30 mins. 13 amps resistive – 2 amp inductive. Thermal fuse included.

| Description | Part No.        |
|-------------|-----------------|
| Timer       | <b>S24GPIHT</b> |

### Compact 24 Hour Immersion Heater Timer

Switches on and off at preset times. 30 min minimum switching permanent On/Off control. Fits 32mm deep box.

| Description | Part No.       |
|-------------|----------------|
| Timer       | <b>SCTS960</b> |

### 24 Hour Electronic Immersion Timer

Economical and convenient control of immersion heater systems. Switches On and Off up to 4 times a day. 1 or 2 hour boost facility. Shortest switching time is 1 min. Self-cancelling override for instant On/Off control. 1000 hours memory back-up. Integral thermal fuse for extra protection.

| Description | Part No.       |
|-------------|----------------|
| Timer       | <b>S24EIHT</b> |

### 7 Day Electronic Immersion Timer

Has all the benefits of the 24 hour version plus: Individual day; everyday; every weekday / weekend programme selections for ultimate control of the immersion heater system. Up to 6 on & 6 off switching commands per day. Up to 42 On/Off switchings per week. Simple 2 button programming. Programme review facility. Self-cancelling override for instant On/Off control. 1000 hours memory back-up. Integral thermal fuse for extra protection.

| Description | Part No.      |
|-------------|---------------|
| Timer       | <b>S7EIHT</b> |

### Compact Electronic 24 Hour / 7 Day Immersion Timer

Economical and convenient control of immersion heater systems. 6 programmes available to operate over all 7 days. 42 on and off switches per week. Fits 32mm deep box.

| Description | Part No.        |
|-------------|-----------------|
| Timer       | <b>SCTU9000</b> |

### 24 Hour Tappet Pins Plug-In Timer

Complies to EN60730.2.7 1992 including Amendment AMD7747-1993 to BS1363 Part 3.1989. Minimum setting 30 mins. Self cancelling override switch. 13 amps resistive - 5 amp inductive.

| Description   | Part No.      |
|---------------|---------------|
| Plug-In Timer | <b>S24NCT</b> |

### 7 Day Plug-In Segment Timer

Up to 84 switchings per week. Easy to use segment setting dial. Plug in control for 3 kW appliances and filament lamps up to 400W. 2 hour minimum switching interval. Manual override.

| Description | Part No.      |
|-------------|---------------|
| 7 Day Timer | <b>STS840</b> |

### 24 Hour & 7 Day Electronic Plug-In Timer

Complies to EN60730.2.7 1992 including Amendment AMD7747-1993 to BS1363 Part 3.1989. Up to 6 On and 6 Off switching commands per day. Up to 42 On/Off per week. 24 hour digital clock/timer display. Minimum switching time is 1 min. Display back light for clear viewing.

| Description   | Part No.      |
|---------------|---------------|
| Plug-In Timer | <b>S247ET</b> |

## THERMOSTATS & SUNDRIES



SFST11



S3/24



SRAM701



SRAM801



SET05



### Fused Connection Unit with Timer

Up to 4 on/off programmes per day.  
Switched and switched/timed outputs.  
Simple two button timing.  
Self cancelling override.  
1000 hour rechargeable memory.

| Description | Part No.      |
|-------------|---------------|
| 24 Hour     | <b>SFST11</b> |
| 7 Day       | <b>SFST17</b> |

### Wall Clock

24 hour analogue wall clock.  
Battery operated.

| Description | Part No.     |
|-------------|--------------|
| Wall Clock  | <b>S3/24</b> |

*A comprehensive range of programmers and controllers for central heating systems are available at all branches. Brands stocked may differ by branch.*

### Room Thermostats

Slim and compact bright white modern design.  
Temperature range from 5 to 30°C.  
Surface mounted with 2 / 3 - wire connection.  
Programmable Stat has fixed time and temperature and 2 comfort programmes and a battery supply with low power indicator.  
Plug in base for wall or flush mounting.

| Description                       | Part No.       |
|-----------------------------------|----------------|
| Room Stat 5-30° 10(4)A            | <b>SRAM701</b> |
| Room Stat 24Hr-7 Day Programmable | <b>SRAM801</b> |

### Plug In Thermostat

Easy to use innovation for switching on and off when a set temperature is reached between 0 and 35°C and has a manual override.  
Precise temperature display and integral back up battery.  
13A Resistive and 2A inductive loads.  
Ideal for direct acting and portable heaters as well as oil filled radiators.

| Description                    | Part No.     |
|--------------------------------|--------------|
| Plug In Temperature Controller | <b>SET05</b> |

## METERS



### Single/Three Phase DIN Rail & Panel kWh Meters

Electronic with LCD display.  
DIN rail or panel mount.  
2 x 230/415 VAC Voltage 50Hz.  
100A direct connected or measure any current using 5A CTs.  
Single or three phase operation.  
Pulse output for BMS.

| Description     | Part No.       |
|-----------------|----------------|
| 100A, Dir Con   | <b>SDR100A</b> |
| 5A CT, DIN Rail | <b>SDR215A</b> |
| 5A CT, Panel Mt | <b>SPR215A</b> |

### Single Phase Digital kWh Card Meters

New or reconditioned.  
Secure system - no unattended cash left in meter.  
230 AC Voltage 50Hz.  
Emergency credit facility.  
Utilising non re-usable cards.  
£1, £5 and £10 meter cards available.

| Description | Part No.            |
|-------------|---------------------|
| 100A Recon  | <b>SCARDMETER</b>   |
| 100A New    | <b>SCARDMETER/N</b> |

### Single Phase Digital kWh Meters

New or reconditioned.  
Electronic with digital display.  
British standard meter connections.  
230 AC Voltage 50Hz.  
Sealable case and terminal cover.  
New meters are OFGEM certified.  
Fully guaranteed.

| Description | Part No.        |
|-------------|-----------------|
| 100A Recon  | <b>SEM100</b>   |
| 100A New    | <b>SEM100/N</b> |

### Single Phase Digital £1 Meters

Electronic with digital display.  
Suitable for caravan sites, flats & guesthouses.  
Variable tariff settings.  
230 AC Voltage 50Hz.  
Sealable case and terminal cover.  
2 year guarantee.

| Description | Part No.     |
|-------------|--------------|
| 100A        | <b>SM100</b> |

### Coin Operated Time Switch

100A rated.  
Accepts £1 coins.  
Variable tariff.  
Ideal for snooker tables and tennis courts.  
2 year guarantee.

| Description              | Part No.       |
|--------------------------|----------------|
| 100A Coin Operated Timer | <b>SM100/T</b> |

### Three Phase Digital kWh Meters

New or reconditioned.  
Electronic with digital display.  
2 x 230/415 VAC Voltage 50Hz.  
Sealable case and terminal cover.  
New meters are OFGEM certified.  
Fully guaranteed.

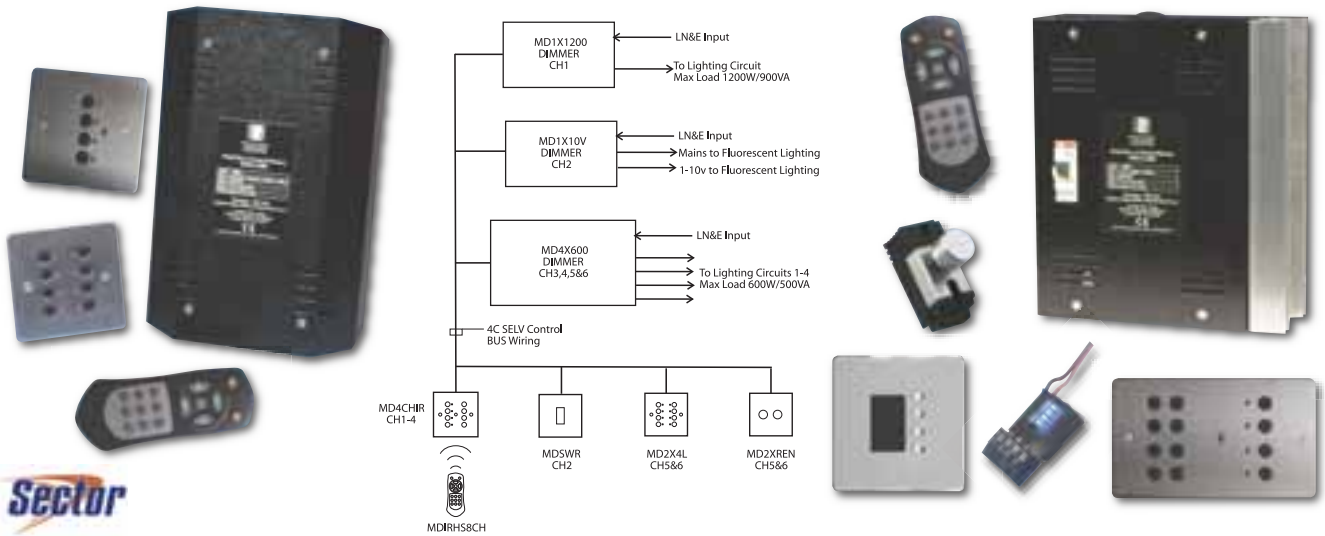
| Description        | Part No.        |
|--------------------|-----------------|
| 100A Recon Dir Con | <b>S3P100</b>   |
| 100A New Dir Con   | <b>S3P100/N</b> |
| 100A New with CTs  | <b>S3P5/CT</b>  |

### Single and Three Phase Internet Smart Meters

Built in mobile phone sends readings to Meteronline website.  
Final customer has own remote reading account.  
Single and three phase models.  
230V (415V) AC Voltage 50Hz.  
OFGEM certified for billing.

| Description          | Part No.          |
|----------------------|-------------------|
| 100A Recon           | <b>SEM100/SIM</b> |
| 100A New             | <b>S3P100/SIM</b> |
| 100A New with 5A CTs | <b>S3P5CT/SIM</b> |

## DIMMING SYSTEMS



Controlling the lighting of an area with a scene setting dimming system provides not only lighting to suit the mood but increased lamp life and above all a cost effective energy saving solution to lighting control.

### Multidim Starter Packs

1, 2 or 4 channel remote kits with frontplate and handheld remote.  
 Flat Stainless steel frontplate (white available).  
 Intuitive programming via frontplate or remote.  
 Halogen and LV soft start with no need to De-rate load.  
 HFR Units can control up to 7 fluorescent ballasts or 10 led drivers per channel (expandable up to 100 with contactor).

| Description                    | Part No.             |
|--------------------------------|----------------------|
| <b>Halogen/LV Control</b>      |                      |
| 1x1200W single channel kit     | <b>MDK1VA1200 SS</b> |
| 2x1200W 2 channel kit          | <b>MDK2VA1200 SS</b> |
| 4x600W 4 channel kit           | <b>MDK4VA600 SS</b>  |
| <b>LED/Fluorescent Control</b> |                      |
| 1 Channel 1-10V HFR kit        | <b>MDK1HFR7 SS</b>   |
| 2 Channel 1-10V HFR kit        | <b>MDK2HFR7 SS</b>   |
| 4 Channel 1-10V HFR kit        | <b>MDK4HFR7 SS</b>   |

Special dimmable rack panels can be designed and built to order.

Please refer to the Stratus Catalogue for further information.

### Multidim Modular Devices

Full Range of expansion devices that can also be customised into individual scene setting control solutions.  
 2 Channel unit features auxiliary contacts for additional switching (eg Fans).  
 16 Zones per systems standard (more can be added).  
 Unlimited addressable channels with optional PC connection.  
 Simple multiway scene setting by linking frontplate and control devices.  
 Many frontplate options as standard with customised plate matching service available.  
 Bespoke Rack systems and prewired cabinets can be designed up to 750KW and 150 Channel Systems.

| Description                            | Part No.            |
|--|---------------------|
| <b>Dimmer Packs</b>                    |                     |
| 1X1200W VA pack                        | <b>MD1X1200</b>     |
| 2X1200W VA pack                        | <b>MD2X1200</b>     |
| 4X600W VA pack                         | <b>MD4X600</b>      |
| 1X5000W VA pack                        | <b>MD1X5000</b>     |
| 2X16A Relay pack                       | <b>MD2XSW</b>       |
| 1X 1-10V HFR pack                      | <b>MD1X10V</b>      |
| 2X 1-10V HFR pack                      | <b>MD2X10V</b>      |
| <b>Stainless Steel Flat Wallplates</b> |                     |
| 1G Steel Rotary Control                | <b>MDCK1XRENS</b>   |
| 1G 4 Channel 4 Scene Push Button       | <b>MDCK4CHSS</b>    |
| 1G 8 Channel Raise/Lower Push Button   | <b>MDCK8CHMOMSS</b> |
| 2G 8 Channel 4 Scene Push Button       | <b>MDCK8CHSS</b>    |
| 1G Last setting all off/recall         | <b>MDCK1MAST</b>    |
| 1G LCD 4 Scene Recall                  | <b>MD41GLCD</b>     |
| <b>Control Devices</b>                 |                     |
| 16 Chan 8 Scene I/R Handheld           | <b>MDIRHS8CH</b>    |
| Multigrid Rotary Encoder               | <b>MDGRID1XREN</b>  |
| Interface for retractive switch        | <b>MDSWR</b>        |

DIMMING SYSTEMS

