



# Product Catalogue

[www.timeguard.com](http://www.timeguard.com)



Q05884





A **theben** Group Company



# Welcome

to the latest edition of our Timeguard catalogue, full of high quality products across our core ranges of Time, Light, Safety and Climate control and packed full with lots of new ideas and innovations.

Our issue 18 catalogue sees no let-up in Timeguard's commitment to new products and genuine innovation. We continue to deliver the energy savings that owners and occupiers are looking for, combined with easy-installation that makes us an installers' favourite. And of course, high quality and reliability are always top of the list.

Control of Time, Heating and Lighting has been the overriding theme of our new product development. To start with, you'll see that we have added some great new Wi-Fi controls with the new NTT surface mount timeswitch and the new TRT Wi-Fi thermostat. Great new designs packed with multiple features and user benefits to make everyday life that bit easier and for installers, they are quick and easy to fit.

We've also added some great new 'RF' products to our already highly regarded LEDPRO range of LED lighting. Our new RF products are quick and simple to install and provide users the benefit of handheld remote control or wall switch control over existing/new LEDPRO lighting, or other existing lighting already installed. Now there's no need to channel the wall with the all so often redecoration. Our battery powered remote control options really do make installation quick and easy.

In addition to the innovations above, there are plenty more new products within, including; our new Programastat+ heating control solutions range, as well as our New Theben top3 controls, New PIRs, New DALI and many more.

We've also updated our website ([www.timeguard.com](http://www.timeguard.com)) to give you all the essential information you need in one place and at a glance. If there's anything you think we can do to make it even better next year, please let us know.

So, please take a look through our new catalogue to find lots of new ways to grow your business and make energy savings an everyday event. From our side, we look forward to continuing our successful co-operation with you in the years to come.

**Andy Douglas**  
Managing Director



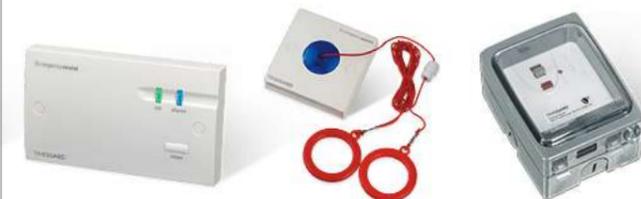
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## New Products

**ES ENERGY SAVING TIMEGUARD**  
with all these products!



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# What's NEW!



## Smart Wi-Fi Remote Control

Wi-Fi enabled switches and thermostats to programme, change and check device status wherever you are.

- Wi-Fi controlled room thermostat.
- Available for Android and iOS only.
- Works with Wi-Fi and 4G.
- Supports multiple users/devices.
- Enables user to programme, change and check heating status wherever they are.
- Schedule heating times over a week with up to 6 time/temperature periods per day with weekly repeats.
- 5°C to 35°C set temperature range with temperature adjustment in 0.5 or 1.0 degree steps.

■ Wall thermostat simply replaces existing 2 or 3 wire installation enabling Wi-Fi connection via home router.



See page 9.

## Time Section

A range of energy saving time control products offering a choice of styles and functionality with multiple timing options to suit all applications.

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### Changing Times with theben



#### top3 Digital Timeswitch

Theben replaces the multi-million selling top2 devices with the redesigned top3 series of digital timeswitches.

See pages 12 & 13.

**ES ENERGY SAVING TIMEGUARD**



TS800N



TG24



TG77



ETU17



TGBT6



TRT05

**TS800N**

**24 Hour Compact Plug-in Time Controller**

Plugs straight into a wall socket for security, convenience and economy applications. The unit will repeat the same switching patterns over each 24 hour period.

- Plug-in control for 13 amp (3kW) appliances, filament lamps up to 400W, 100W low energy/fluorescent and 60W LED lighting.
- Switches appliances ON & OFF at pre-set times.
- Easy to use setting pins.
- 30 minute minimum switching interval which can be increased in 15 minute steps.
- Up to 24 ON & OFF programmes per day (additional pins required).
- Manual override until next programme change.



YouTube support available on these products.

**TG24**

**24 Hour Compact Plug-in Segment Time Controller**

Easily set by its captive segment dial this time controller will automatically switch appliances ON & OFF at pre-set times over a 24 hour cycle, with a maximum of 96 ON & OFF programmes per day.

- Easy to use segment setting dial.
- Plug-in control for 13 amp (3kW) appliances & filament lamps to 400W, 100W CFL and 60W LED lighting.
- 15 minute minimum switching interval which can be increased in 15 minute steps.
- Permanent ON override for instant control.



See pages 78 & 94 for product specifications.



All these products carry a 3 year guarantee.

**TG77**

**24 Hour/7 Day Compact Electronic Timeswitch**

Compact multi-functional digital timer with a total of 20 ON/OFF switching programmes and a 24 hour countdown facility.

- Plug-in control for 13 amp (3kW) appliances, filament lamps up to 400W, 100W low energy/fluorescent and 60W LED lighting.
- A total of 20 ON/OFF switching programmes selectable over individual days and various combinations of days.
- 24 hour LCD display for easy viewing.
- Up to 24 hour countdown facility (giving a manual start to a timed OFF).
- Self-cancelling override and permanent ON/OFF facility.
- Large 24 hour display for easy viewing.
- Optional random delay to both start and finish of all programmes.
- Output ON indicator light.



**ETU17**

**24 Hour/7 Day Slimline Digital Plug-in Time Controller**

Plugs straight into the wall socket for instant 24 hour/7 day digital control of all 13 amp (3kW) appliances and lamps. Individual day, every day, every weekday or weekend programme selections over a 7 day period. Six programmes are available and if selected to operate over all 7 days, 42 ON & OFF switchings per week can be used. Random feature makes your home or premises appear occupied.

- Top side display for ease of viewing when in use.
- Slimline plug-in control.
- Simple two button programming.
- 21 ON & 21 OFF switching commands over 7 days.
- Shortest switching time 1 minute.
- Manual override until next programme change.
- Optional random switching facility.
- 1000 hours rechargeable memory back-up.
- Controls 500W of fluorescent or low energy and 100W LED lighting.

**TGBT6**

**Plug-in 2 Hour Electronic Boost Timer**

Plug-in 2 hour boost timer which automatically counts down a selected time period of between ¼ hour, ½ hour, 1 hour and 2 hours.

- Automatic timer countdown selection for up to 2 hours – 13A (3kW) loading.
- Up to 4 ON times can be selected: ¼ hour, ½ hour, 1 hour and 2 hours.
- Easy push button selection with clear LED output status.
- A simple to use solution for anything from warming up a room to regulating how long the kids spend on their games consoles.



**ENERGY SAVING TIMEGUARD**

**TRT05**

**Electronic Plug-in Thermostat with 24 Hour Time Control**

The TRT05 is a plug-in electronic thermostat with an in-built 24 hour programmable timer. It has 3 programmable time periods and 4 operating modes including ON, OFF, Timed and Automatic. The set temperature range is between 0°C and 35°C, and is ideal for controlling radiant, convector and fan heaters as well as oil-filled radiators.

- Plug-in, no wiring.
- 3 ON/3 OFF easy-set programmable time periods repeated over 24 hours.
- Integral temperature sensor with 0°C – 35°C temperature range.
- 1000 hours integral battery power reserve retains programmes and allows out of socket programming.
- Large LCD information screen.
- Reset button restores to factory set default programmes.
- 13(2)A load rating, 3kW resistive, 400W filament, 2A inductive.



**Time Controllers**

An unrivalled range of plug-in time controllers with a choice of both electro-mechanical timers in pin and segment dial versions or digital timers for finer accuracy and control.

All Timeguard plug-in timers are perfect for security, convenience and energy saving applications.



**Maximum Versatility**

Simple to use plug-in applications with energy saving benefits. A choice of styles and functionality to suit all applications with multiple timing choices backed by Timeguard's quality assurance guarantees.





**NTT01**

24 Hour Compact Immersion Heater Timeswitch

- 16(6)A load rating.
- 96 quick-set segments for up to 48 ON/48 OFF programmes.
- Red LED 'Mains ON' and green LED 'Output' indicators for easy viewing.
- Special 'Traffic Light' slider switch for easy ON (green), Auto (green & red) and OFF (red) mode indication.
- Switches ON & OFF at pre-set times.
- Permanent ON/OFF control.
- Fits a standard flush or surface mount box min. 32mm deep.

**NTT02**

24 Hour Compact General Purpose Timeswitch with Voltage Free Contacts

Shares the same features and benefits of the NTT01 plus voltage free contacts.

- 16(8)A load rating.
- Switches up to 750W incandescent or halogen lighting/750W fluorescent lighting/100W compact fluorescent lighting (CFLs). Not suitable for discharge lighting.
- Voltage free contacts.

**NTT03**

24 Hour/7 Day Compact Electronic Immersion Heater Timeswitch

- 16(4)A load rating.
- 4 ON/4 OFF easy-set programme periods per day, 28 ON/28 OFF programmes per week.
- Easy view screen with blue LED back lighting.
- Red LED 'Mains ON' and green LED 'Output' indicators for easy viewing.
- Self-cancelling override button to next programme change.
- Optional 1 & 2 hour boost button.
- Automatic summer/winter changeover.
- Fits a standard flush or surface mount box min. 32mm deep.

**NTT04**

24 Hour/7 Day Compact Electronic General Purpose Timeswitch with Voltage Free Contacts

Shares the same features and benefits of the NTT03 plus voltage free contacts.

- 16(4)A load rating.
- Switches up to 2400W incandescent or halogen lighting/750W fluorescent lighting/100W compact fluorescent lighting (CFLs) and up to 100W LED. Not suitable for discharge lighting.
- Voltage free contacts.

**NTT05**

24 Hour Slimline General Purpose Timeswitch

- 16(8)A load rating.
- 96 quick-set segments for up to 48 ON/48 OFF programmes.
- Switches up to 750W incandescent or halogen lighting/750W fluorescent lighting/100W compact fluorescent lighting (CFLs). Not suitable for discharge lighting.
- Red LED 'Mains ON' and green LED 'Output' indicators for easy viewing.
- Special 'Traffic Light' slider switch for easy ON (green), Auto (green & red) and OFF (red) mode indication.
- Switches ON and OFF at pre-set times.
- Easy to use captive segment dial.
- Permanent ON/OFF control.
- Voltage free contacts.



**NTT06**

24 Hour Slimline Electronic General Purpose Timeswitch

- 16(4)A load rating.
- 4 ON/4 OFF easy-set programme periods per day.
- Shortest switching time 1 minute.
- Switches up to 2400W incandescent or halogen lighting/750W fluorescent lighting/100W compact fluorescent lighting (CFLs) and up to 100W LED. Not suitable for discharge lighting.
- Extra large 'Easy View' screen with blue LED back lighting.
- Red LED 'Mains ON' and green LED 'Output' indicators for easy viewing.
- Large easy push programme buttons.
- Self-cancelling override button to next programme change.
- Optional 1 & 2 hour boost button.
- Automatic summer/winter changeover.
- 720 hours rechargeable memory back-up.
- Voltage free contacts.

**NTT07**

7 Day Slimline Electronic General Purpose Timeswitch

Shares the same features and benefits of the NTT06 plus:

- 16(4)A load rating.
- 28 ON/28 OFF easy-set programme periods per week.
- Voltage free contacts.



Extra large 'Easy View' screen with blue LED backlighting.

**NTT08**

7 Day Slimline Electronic Immersion Heater Timeswitch

- 16(4)A load rating.
- Special 'easy slide' programme cover to prevent accidental programme changes.
- 4 ON/4 OFF easy-set programme periods per day, 28 ON/28 OFF programmes per week.
- Shortest switching time 1 minute.
- Extra large 'Easy View' screen with blue LED backlighting.
- Red LED 'Mains ON' and green LED 'Output' indicators for easy viewing.
- Large easy push programme buttons.
- Self-cancelling override button to next programme change.
- Optional 1 and 2 hour boost button.
- Automatic summer/winter changeover.
- 720 hours rechargeable memory back-up.



YouTube support available on these products.

See page 78 for product specifications. All these products carry a 3 year guarantee.

**TS900N**

24 Hour Immersion Heater Time Controller

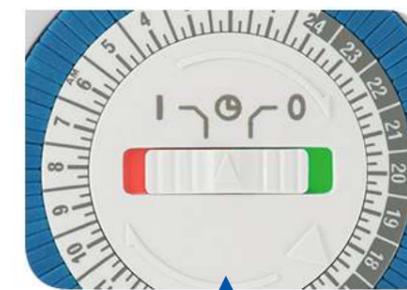
Specially designed for installation with both new and existing immersion heater systems. Up to 24 ON & OFF programmes (additional pins required) plus self-cancelling override for instant ON/OFF switching.

- 13A (3kW) loading.
- For total control of your hot water.
- Switches ON & OFF at pre-set times.
- Easy to use setting pins.
- 30 minute minimum switching interval which can be increased in 15 minute steps.
- Manual override until next programme change.
- Integral thermal fuse for extra protection.
- Bottom or rear entry for cable.

**Immersion Heater Controllers**

A range of hard-wired electro-mechanical and digital immersion heater time controllers for economical and convenient control of immersion heater systems.

All Timeguard immersion heater controllers are designed for installation with both new and existing systems for maximum versatility.



Special 'Traffic Light' slider switch for easy ON (green), AUTO (green & red) and OFF (red) mode indication.



TS900N



LEDs UP TO 200W

FST24



LEDs UP TO 200W

FST77



LEDs UP TO 200W

FBT4/5



Wi-Fi Controlled

FSTWIFI

LEDs UP TO 500W

NEW Product



Wi-Fi Controlled

NTTWIFI

LEDs UP TO 100W

NEW Product



Wi-Fi Controlled

TRTWIFI

**FST24**

**24 Hour Fused Spur Timeswitch**

- Up to 4 ON & OFF programmes available daily.
- Suitable for use with up to 3kW immersion heaters.
- Switches the following lighting loads: 750W incandescent or halogen lighting, 500W fluorescent lighting, 100W compact fluorescent lighting (CFLs) and 200W LED lighting. Not suitable for discharge lighting.
- Permanent OFF and timed outputs available.
- Easy view 24 hour digital clock/timer display.
- Optional 1 or 2 hour boost facility.
- Automatic summer/winter time changeover.
- Self-cancelling override.
- Shortest switching time 1 minute.
- Programme advance and review options.
- BS1362 fuse replaceable from front.
- Double pole switch for ease of control.
- Integral memory back up battery retains programmes in event of power failure.
- Ideal for replacing single gang connection unit or fixed appliance outlets.
- Fits a single gang wall box min. 25mm deep.

**FST77**

**7 Day Fused Spur Timeswitch**

- Up to 4 ON & OFF programmes available (5 day plus 2 or 7 day programmes) giving up to 28 ON & OFF programmes per week.
- Suitable for use with up to 3kW immersion heaters.
- Switches the following lighting loads: 750W incandescent or halogen lighting, 500W fluorescent lighting, 100W compact fluorescent lighting (CFLs) and 200W LED lighting. Not suitable for discharge lighting.
- Permanent OFF and timed outputs available.
- Easy view 24 hour digital clock/timer display.
- Optional 1 or 2 hour boost facility.
- Automatic summer/winter time changeover.
- Self-cancelling override.
- Shortest switching time 1 minute.
- Programme advance and review options.
- BS1362 fuse replaceable from front.
- Double pole switch for ease of control.
- Integral memory back up battery retains programmes in event of power failure.
- Ideal for replacing single gang connection unit or fixed appliance outlets.
- Fits a single gang wall box min. 25mm deep.

**FBT4**

**2 Hour Electronic Boost Timer and Fused Spur**

- Up to 4 ON times can be selected: ¼ hour, ½ hour, 1 hour and 2 hours.
- Automatic timer countdown selection to fail safe OFF.
- Easy push button selection with clear LED output status.
- Replaces existing single gang connection unit or fixed appliance outlets.
- Provides timed output protected by a BS1362 fuse switch.
- Ideal for immersion and room heaters, automatically switching OFF at end of time period set.
- Fits a standard flush or surface mount BS wall box min. 25mm deep.
- Typical applications such as immersion heaters, room heaters, heated mirrors, towel rails and selected lighting applications.

**FBT5**

**4 Hour Electronic Boost Timer and Fused Spur**

- Up to 4 ON times can be selected: 1, 2, 3 and 4 hours.

**FSTWIFI**

**Wi-Fi Controlled Fused Spur Timeswitch**

- Available for Android and iOS only, works with Wi-Fi and 4G.
- Supports multiple devices and multiple users.
- Can reduce running costs if unwanted programmes are cancelled.
- Operating voltage 230V 50Hz.
- 13A rated suitable for 3kW:
  - Immersion heaters.
  - 5A inductive load.
  - 1000W tungsten.
  - 500W LED.
  - 100W CFL.
  - 500W fluorescent.
- Manual override.
- Replaceable 13 Amp BS1362 fuse.
- Fits standard 25mm deep single wall box.
- Direct retrofit for BS1363 fused connection unit.
- Double pole isolating switch.
- Operating temperature 0 to 40°C.

**NTTWIFI**

**Wi-Fi Controlled 16A 7 Day Timeswitch**

- Available for Android and iOS only, works with Wi-Fi and 4G.
- Supports multiple devices and multiple users.
- Ideal for immersion heater control and lighting applications.
- 16(4)A rated suitable for up to 3kW loading.
  - 4A Inductive load.
  - 1000W Halogen.
  - 500W Fluorescent.
  - 100W LED.
  - 100W CFL.
- Schedule times over a week with up to 6 ON/OFF programmes per day with weekly repeats.
- 4 programming modes available – Auto Timed, ON, OFF and holiday mode.
- Optional 1 and 2 hour boost.
- Automatic summer/winter changeover.
- Full On/Off status with colour coded display.
- Anti-Tamper with optional lockable transparent cover.

**TRTWIFI**

**Wi-Fi Controlled Digital Room Thermostat**

- Available for Android and iOS only, works with Wi-Fi and 4G.
- Supports multiple devices and multiple users.
- Enables user to programme, change and check heating status wherever they are.
- Schedule heating times over a week with up to 6 time/temperature periods per day with weekly repeats.
- 5 programming modes available – Auto Timed, ON, OFF, Frost Protection and Holiday mode.
- 5°C to 35°C set temperature range with temperature adjustment in 0.5 degree steps.
- Wall thermostat simply replaces existing 2 or 3 wire installation enabling Wi-Fi connection via home router.
- Fits to supplied surface mount box or a BS flush mount box (min. 35mm depth).
- Power supply module designed for easy connection to boiler.



YouTube support available on these products.



See page 79 for product specifications.

All these products carry a 3 year guarantee.



LEDs UP TO 100W



TGBT4

**TGBT4**

**2 Hour Electronic Boost Timer**

- Automatic timer countdown selection for up to 2 hours – 13A (3kW) loading.
- Up to 4 ON times can be selected: ¼ hour, ½ hour, 1 hour and 2 hours.
- Ideal for immersion and room heaters, automatically switching OFF at end of time period set.
- Easy push button selection with clear LED output status.
- Fits a standard flush or surface mount BS wall box min. 25mm deep.

**TGBT5**

**4 Hour Electronic Boost Timer**

- Automatic timer countdown selection for up to 4 hours – 13A (3kW) loading.
- Up to 4 ON times can be selected: 1 hour, 2 hours, 3 hours and 4 hours.
- Easy push button selection with clear LED output status.
- Fits a standard flush or surface mount BS wall box min. 25mm deep.
- Typical applications such as immersion heaters, room heaters, heated mirrors, towel rails and lighting.

Wi-Fi Controlled LEDs UP TO 500W



FSTWIFITGV

WEATHERSAFE IP66 RATING

**FSTWIFITGV**

**Wi-Fi Controlled IP66 Fused Spur**

- Weathersafe Vision version of FSTWIFI.
- 13A rated suitable for 3kW:
  - Immersion heaters.
  - 5A inductive load.
  - 1000W tungsten.
  - 500W LED.
  - 100W CFL.
  - 500W Fluorescent.
- Replaceable 13 Amp BS1362 fuse.
- Item pre-fitted into IP66 enclosure.
- Double pole isolating switch.





LEDs UP TO 150W

E169S

**E169S**

24 Hour Segment 20(12)A Timeswitch

- 20(12)A analogue timeswitch.
- 1 channel.
- Synchronised with mains.
- Daily programme.
- 96 switching segments.
- Shortest switching time 15 minutes.
- Clock hands for time display.
- Switching pre-selection.
- Permanent ON/OFF switch.
- Simple summer/winter time correction.
- Time can be changed clockwise or anti-clockwise.
- Optional panel mount (clip included).
- Tamper proof transparent dial cover.
- DIN rail adaptor available – Part No. 907.0.071.



See page 79 for product specifications.



All these products carry a 3 year guarantee.



LEDs UP TO 150W

E269H

**E269H**

24 Hour/7 Day 20(12)A Timeswitch

- 20(12)A analogue timeswitch with daily or weekly programmes (switching disc can be turned).
- 1 channel.
- Synchronised with mains.
- Switching pre-selection.
- Permanent ON/OFF switch.
- 32 tappets included on switch.
- Shortest switching time 20 minutes or 2 hours.
- Switching status display.
- Clock hands for time display.
- Optional panel mount (clip included).
- Tamper proof transparent dial cover.
- DIN rail adaptor available – Part No. 907.0.071.



YouTube support available on these products.



ELU56 LEDs UP TO 80W

ELU5620 LEDs UP TO 150W

ELU56/ELU5620

**ELU56**

7 Day 16 Amp Electronic Timeswitch

- 16(6)A (3.68kW) loading.
- 72 x 72mm plug-in base surface mount.
- 112 memory locations – 56 different ON/OFF operations per week.
- Self-cancelling override on third programme change.
- Shortest switching time 1 minute.
- Programme suspension.
- 1000 hours rechargeable memory back-up.
- DIN rail adaptor available – Part No. 907.0.071.

**ELU5620**

7 Day 20 Amp Electronic Timeswitch

- 20(8)A (4.6kW) loading.
- Can be used with up to 3000W of fluorescent or low energy lighting and up to 3000W of filament lighting. Can also be used with up to 140W motor rating, up to 1000W of discharge and 150W LED lighting.

**TR 635 top2**

24 Hour/7 Day/Random/Pulse 16A Digital Timeswitch

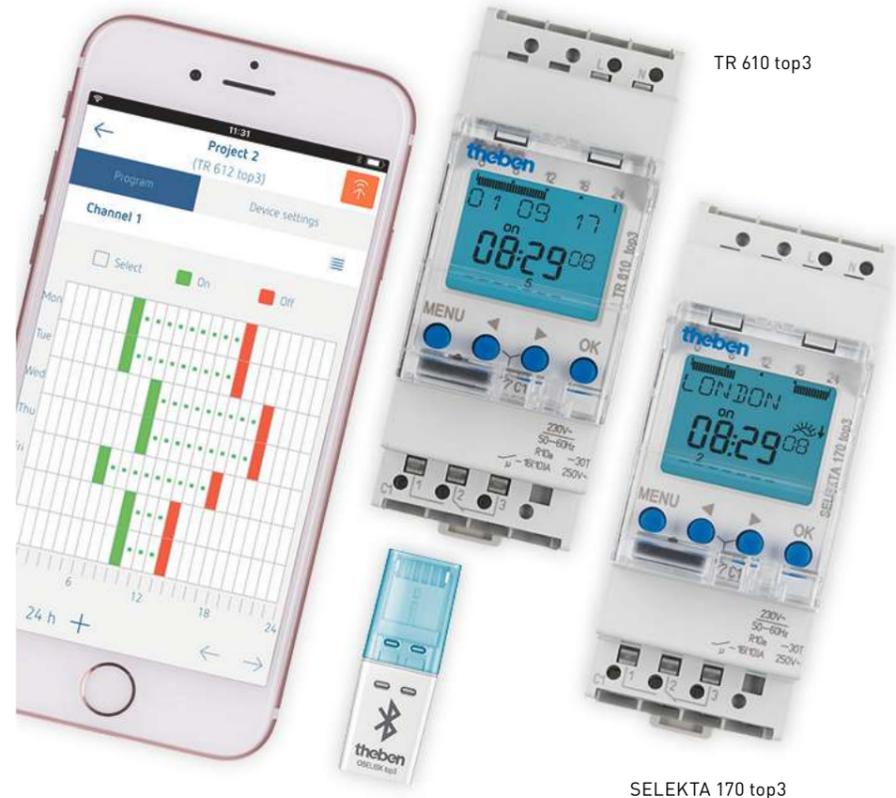
- 16(10)A digital timeswitch with weekly programme.
- Text-oriented user guidance in display.
- Pre-set date and time fully operable without mains connection with 84 memory locations.
- Interface for OBELISK top2 memory card (PC programming) with PIN coding.
- Controls LED lighting: <2W = 20W, 2-8W = 50W.
- 72 x 72mm plug-in base surface mount.
- DIN rail adaptor available – Part No. 907.0.071.

**TR 636 top2**

24 Hour/7 Day 2 Channel/Pulse 2x6A Digital Timeswitch

- 2 channels x 6(6)A loading.
- 2 channels with a total of 84 memory locations allocated between them in any proportion.

# What's NEW!



TR 610 top3

SELEKTA 170 top3

## Changing times top2 becomes top3

Theben replaces the multi-million selling top2 devices with the redesigned top3 series of digital timeswitches.



Thanks to the redesigned zero-cross switching, high inrush currents of LEDs can be kept firmly under control. Compared with top2, top3 can switch 5 times the LED output (max. 600 W, 800 A).

Due to the high testing requirements in our in-house laboratory with, for example, 40,000 switching cycles, top3 even surpasses the standards to some extent.

See pages 12 & 13

# theben Section

Innovation in time and light with a range of Din Rail and surface mount product options with a whole host of benefits and features for all types of specialised installations.

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Ideal for time-controlled switching of street lighting, display window lighting or advertising lighting, for controlling lights in and around public buildings and car parks, for school bells and ventilation systems, pumps and fountains, and many other applications.

LEDs UP TO 50W



TR 635 top2/TR 636 top2





TR 610 top3



TR 612 top3



TR 611 top2/ TR 622 top2



SELEKTA 170 top3/ 174 top3



TR 641 top2



TR 644 top2



### TR 610 top3

24 Hour/7 Day Single Channel (2 Module) 16A Digital Timeswitch

Convenient programming via app, safe data transfer via Bluetooth on the OBELISK top3, as well as LED output of 600W. At the same time, full compatibility with top2 devices is ensured.

- 16A digital timeswitch.
- Programming by app.
- Safe transfer via the optional Bluetooth Low Energy OBELISK top3.
- Maximum manipulation security, timeswitch programs can only be transferred from the app to the timeswitch when the Bluetooth OBELISK top3 is plugged into the timeswitch.
- 100% compatible with top2.
- 1 channel.
- DuoFix spring terminals.
- Text-oriented user guidance in display.
- Preset date and time fully operable without mains connection.
- 56 memory locations.
- Interface for OBELISK top2 memory card (PC programming).
- 10 year power reserve (lithium battery).
- PIN coding.
- Surface mount kit – Part No. 907.0.064.

### TR 612 top3

24 Hour/7 Day 2 Channel (2 Module) 16A Digital Timeswitch

Shares all the features and benefits of the TR 610 top3 but is a 2 channel timeswitch with 56 memory locations which can be distributed as required over the 2 channels.

- Programming by app.
- Safe transfer via optional Bluetooth Low Energy OBELISK top3.
- 56 memory locations.

### TR 622 top2

24 Hour/7 Day/Random 2 Channel (2 Module) 16A Digital Timeswitch

Shares all the features and benefits of the TR 611 top2 but is 2 channel with 84 memory locations that can be distributed over the 2 channels.



See page 80 for product specifications.

### TR 611 top2

24 Hour/7 Day/Random Single Channel (2 Module) 16A Digital Timeswitch

- 16(10)A digital timeswitch with weekly programme.
- 1 channel.
- Text-oriented user guidance in display.
- Pre-set date and time fully operable without mains connection.
- 84 memory locations.
- Programmes stored in EEPROM for highest operational security.
- ON/OFF times may be repeated over a number of days without using extra memory locations.
- Permanent switching ON/OFF.
- Switching pre-selection.
- Interface for OBELISK top2 memory card (PC programming).
- Display backlight (can be turned off).
- PIN coding.
- DuoFix spring terminals for 2 conductors each – wire diameter: 0.5 – 2.5mm<sup>2</sup>
- 10 year power reserve (lithium battery).
- Surface mount kit – Part No. 907.0.064.

### SELEKTA 170 top3

Single Channel (2 Module) Astronomical Timeswitch

- 16(10)A astronomical timeswitch with weekly programme.
- Programming by app.
- Safe transfer via optional Bluetooth Low Energy OBELISK top3.
- Maximum manipulation security, timeswitch programs can only be transferred from the app to the timeswitch when the Bluetooth OBELISK top3 is plugged into the timeswitch.
- 100% compatible with top2.
- 54 memory locations.
- Astronomical timeswitch function (automatic calculation of sunrise and sunset times for the whole year).
- Offset for adjusting of sunrise and sunset times.
- Position data via coordinates or country/city lists can be programmed.
- Fixed ON/OFF switching times can be programmed (e.g. night-time interruption).
- Simulation of switching times (calculated astronomical times and programmed ON/OFF switching times).
- Reversible astronomical mode (evenings ON – mornings OFF or evenings OFF – mornings ON) or can be deactivated.
- Zero-cross switching for relay-saving switching and high lamp loads.
- 10 year power reserve (lithium battery).

### TR 641 top2

24 Hour/7 Day/Yearly Single Channel (3 Module) 16A Digital Timeswitch

- 16(10)A 1 channel digital timeswitch with yearly and astronomical time programme.
- Connectible sensors (external selector switch, sequence timer).
- Connectible switches (ON or OFF permanent switching).
- 800 memory locations.
- Pulse and cycle programme.
- Basic weekly programme and 14 different weekly programmes with priority levels and date ranges.
- Programme simulation on clock display.
- Astronomical timeswitch function (automatic calculation of sunrise and sunset times).
- Offset for adjusting of sunrise and sunset times.
- Fixed ON/OFF switching times can be programmed (e.g. night-time interruption).
- Surface mount kit – Part No. 907.0.050.

### TR 644 top2

24 Hour/7 Day/Yearly 4 Channel (4 Module) 16A Digital Timeswitch

Shares the features and benefits of the TR 641 top2 with 800 memory locations distributed as required over the 4 channels.

- 4 channels – 2x 16A plus 2x 10A.
- 4 external control inputs.
- 800 memory locations.

### SELEKTA 172 top2

2 Channel Astronomical Timeswitch

Shares the features and benefits of the SELEKTA 170 top3 (without programming by app and Bluetooth) plus 2 channel operation and 84 memory locations.



All these products carry a 3 year guarantee.

### SELEKTA 174 top3

2 Channel (2 Module) Astronomical Timeswitch

Shares the features and benefits of the SELEKTA 170 top3 plus 2 channel operation and 56 memory locations.



### top2 becomes top3

Highlights include convenient programming via the app, safe data transfer via the Bluetooth OBELISK top3, as well as LED output of 600W. At the same time, full compatibility with top2 devices is ensured.

### Ideal for LEDs

Thanks to the redesigned zero-cross switching, you can keep the high inrush currents of LEDs firmly under control – top3 provides five times more LED output than top2 (max. 600W, 800A/200ms).

Due to the high testing requirements in our in-house laboratory with, for example, 40,000 switching cycles, our results even surpass the standards in some cases. This quality standard is also confirmed by an external VDE test.

sales office 020 8452 1112 fax 020 8450 0635 **TIMEGUARD**



907.0.409

907.0.404

### 907.0.409

OBELISK top2 & top3 Programming Kit

Programme your top2 timers remotely via any PC.

### 907.0.404

OBELISK top2 & top3 Memory Card



**TIMEGUARD** email [csc@timeguard.com](mailto:csc@timeguard.com) visit our website [timeguard.com](http://timeguard.com)



TR 608 top2 S



SYN 160 a/SUL 180 a



SYN 161 d/SUL 181 d



SUL 191 w



ELPA 7



ELPA 8



### TR 608 top2 S

24 Hour/7 Day Single Channel (1 Module) 16A Digital Timeswitch

A 17.5mm (1 module) wide digital 24 hour/7 day 16(4)A timeswitch.

- 16(4)A 1 channel digital timeswitch with weekly programme.
- Text-oriented user guidance in display.
- 56 memory locations.
- ON/OFF switching times.
- Switching pre-selection.
- Automatic summer/winter time changeover.
- Override to next programme change.
- Permanent ON/OFF control.
- Shortest switching time: 1 minute.
- Interface for OBELISK top2 memory card (PC programming).
- PIN coding.
- Spring terminals.
- 10 year power reserve (lithium battery).
- Surface mount kit – **Part No. 907.0.065.**

### SYN 160 a

24 Hour Segment Timeswitch (Single Module)

- 16(4)A analogue timeswitch.
- 1 channel without power reserve.
- Daily programme.
- 96 switching segments – up to 48 ON & OFF programmes per day.
- Shortest switching time: 15 minutes.
- Synchronised with mains.
- Manual switch with 3 positions: Permanent ON/AUTO/continuous OFF.
- Switching status display.
- Surface mount kit – **Part No. 907.0.065.**

### SUL 180 a

24 Hour Segment Timeswitch with Power Reserve (Single Module)

Shares all the features and benefits of the SYN 160 a plus 72 hour power reserve.

- 96 switching segments – up to 48 ON & OFF programmes per day.
- Quartz controlled.
- 72 hour power reserve – exchangeable NIMH rechargeable battery.

### SYN 161 d

24 Hour Segment Timeswitch (3 Module)

A 52.5mm (3 module) wide segment 24 hour 16(4)A timeswitch.

- 16(4)A 1 channel analogue timeswitch.
- Without power reserve.
- Daily programme.
- 96 switching segments – up to 48 ON & OFF programmes per day.
- Shortest switching time: 15 minutes.
- Clock hands for time display and in addition 12/24 hour recognition.
- Simple summer/winter time correction.
- Time can be changed clockwise or anti-clockwise.
- DuoFix spring terminals for 2 conductors each – wire diameter: 0.5 – 2.5mm<sup>2</sup>
- Surface mount kit – **Part No. 907.0.050.**

### SUL 181 d

24 Hour Segment Timeswitch with Power Reserve (3 Module)

The SUL 181 d has all the features and benefits of the SYN 161 d plus quartz control and 200 hours power reserve.

### SUL 191 w

7 Day Segment Timeswitch with Power Reserve

A 52.5mm (3 module) wide 7 day segment controlled 16(4)A timeswitch with 200 hour power reserve.

- 16(4)A 1 channel analogue timeswitch.
- Weekly programme.
- 84 switching segments – up to 42 ON & OFF programmes per week.
- Shortest switching time: 2 hours.
- Quartz controlled.
- Clock hands for time display and in addition 12/24 hour recognition.
- Simple summer/winter time correction.
- Time can be changed clockwise or anti-clockwise.
- Manual switch with 3 positions: Continuous ON/AUTO/continuous OFF.
- DuoFix spring terminals for 2 conductors each – wire diameter: 0.5 – 2.5mm<sup>2</sup>
- 200 hour power reserve – exchangeable NiMH rechargeable battery.
- Surface mount kit – **Part No. 907.0.050.**

### ELPA 7

Electronic Staircase Switch

A 17.5mm (1 module) wide 16(10)A electronic staircase timeswitch with resettable 0.5 to 20 minute time range.

- 16(10)A staircase switch, electronic.
- Immediate secondary switching.
- Electronic time delay.
- Toggle switch for continuous light.
- Push button input with max. 150 mA incandescent lamp load and electronic overload protection.
- Can switch up to 2300W of incandescent, 400VA fluorescent lighting.
- Automatic 3 or 4 conductor detection (4 conductor with connection for floor lighting).
- Surface mount kit – **Part No. 907.0.065.**



All these products carry a 3 year Theben guarantee.

### ELPA 8

Electro-Mechanical Staircase Switch

A 17.5mm (1 module) wide 16(10)A delay timeswitch for staircase lighting. The ON time is adjustable from 1 to 7 minutes in 15 second steps. Can switch up to 2300W of incandescent or 1300VA fluorescent lighting. Permanent ON switch.

- 16(10)A staircase switch, electro-mechanical.
- 4 conductor with floor lighting connection (3 conductor without floor lighting).
- Retriggerable.
- Adjustable from 1 to 7 minutes in 15 second steps.
- Toggle switch for permanent lights ON.
- Reliable with synchronous motor drive.
- Precision mechanics and therefore exact switching period.
- Can switch up to 2300W of incandescent, 1300VA fluorescent lighting.
- Surface mount kit – **Part No. 907.0.065.**



See page 80 for product specifications.



### Technical information and more products

For full technical details of each Theben product shown in this catalogue and the entire Theben product range please visit [www.theben.de](http://www.theben.de) and search by product code or download a catalogue.



### Proud to be part of the theben Group

Being part of the Theben family means that we are pioneers and leaders in time, lighting and climate control.



Theben brings a passion to its work that is evident when you deal with any of our 700 employees across Europe. It enables us to continually bring exciting new products to market – products that meet the challenges that specifiers and installers face every day in our increasingly energy-conscious world.





LUNA 108



LUNA 109



LUNA 110



LUNA 111 top2



LUNA 112 top2



LUNA 120 top2



### LUNA 108

#### Twilight Switch Single Channel (Single Module)

A 17.5mm (1 module) wide 16(10)A twilight switch for controlling street light facilities, external stairways, shop windows etc. It has a single brightness range selectable between 2 to 100 LUX and comes complete with an external surface mount sensor.

- Space saving (single module) installation.
- 16(10)A analogue twilight switch.
- 2 to 100 LUX adjustable range.
- 20/80 second (ON/OFF) built-in delay prevents nuisance switching.
- Green LED shows switching status.
- Red LED shows light sensor status.
- Switches up to 2300W of filament lighting, 400VA of fluorescent lighting.
- Surface mount kit – **Part No. 907.0.065.**
- Surface mount light sensor (spare). **Part No. 907.0.008.**

### LUNA 109

#### Twilight Switch Single Channel (2 Module)

LUNA dusk-to-dawn switches are for the control of external or display lighting systems. The LUNA 109 has a single brightness range selectable between 2 to 2000 LUX. Supplied with an external surface mount sensor.

- 16(10)A light sensor switching capacity.
- 2 to 2,000 LUX adjustable range.
- 60 second (ON/OFF) built-in delay.
- Switches up to 2300W of filament lighting, 400VA of fluorescent lighting.
- Test function allows testing of the installation independently from the outside brightness.
- Surface mount kit – **Part No. 907.0.064.**
- Surface mount light sensor (spare). **Part No. 907.0.416.**



All these products carry a 3 year Theben guarantee.

### LUNA 110

#### Twilight Switch Single Channel (2 Module)

A 35mm (2 module) wide switch which comes with an external surface mount light sensor.

- 16(10)A light sensor switching capacity (zero point).
- Five adjustable brightness levels from 2 to 50000 LUX for simple setting of LUX level.
  - Range 1: 2 to 35 LUX;
  - Range 2: 35 to 200 LUX;
  - Range 3: 200 to 1000 LUX;
  - Range 4: 1000 to 5000 LUX;
  - Range 5: 5000 to 50000 LUX.
- Permanent ON/OFF control.
- Adjustable delay (0 to 20 minutes) prevents nuisance switching.
- Green LED shows switching status.
- Red LED shows light sensor status.
- Test function.
- DuoFix spring terminals for 2 conductors each.
- Surface mount kit – **Part No. 907.0.064.**
- Surface mount light sensor (spare). **Part No. 907.0.416.**

### LUNA 111 top2

#### Twilight Switch Single Channel (2 Module)

A 35mm (2 module) wide switch with a digital brightness range selectable between 2 to 99000 LUX.

- 16(10)A light sensor switching capacity (zero point).
- Digital brightness range from 1 to 99000 LUX.
- Digital switching delay adjustable from 0 to 59 minutes.
- Different settings for ON and OFF switching (different LUX values and different delay times).
- External input with multiple functions.
- Can be connected to up to 4 digital sensors.
- Up to 10 Luna 111 top2 switches can be connected to one digital sensor.
- Programmable via Obelisk top2 memory card **Part No. 907.0.404** (not included).
- Supplied with an external surface mount light sensor.
- LCD backlight.
- DuoFix spring terminals for 2 conductors each.
- PIN coding.
- 10 year power reserve.
- Surface mount kit – **Part No. 907.0.064.**
- Surface mount digital light sensor (spare). **Part No. 907.0.415.**

### LUNA 112 top2

#### Twilight Switch 2 Channel (3 Module)

Shares all the features and benefits of the LUNA 111 top2 plus two channel operation.

- 16(10)A light sensor switching capacity (zero point).
- Digital brightness range from 1 to 99000 LUX.
- Different settings for ON and OFF switching (different LUX values and different delay times).
- 2x external input with multiple functions.
- Can be connected to up to 4 digital sensors.
- Up to 10 Luna 112 top2 switches can be connected to one digital sensor.
- Supplied with an external surface mount light sensor.
- 10 year power reserve.
- Surface mount kit – **Part No. 907.0.050.**
- Surface mount digital light sensor (spare). **Part No. 907.0.415.**

See page 80 for product specifications.

### LUNA 120 top2

#### Twilight Single Channel (3 Module) Integrated Timeswitch

Twilight switch with built-in timeswitch allowing time controlled ON/OFF operation for a night break.

- 16(10)A light sensor switching capacity (zero point).
- 2 to 2000 LUX adjustable brightness range.
- Switching delay adjustable from 0 to 59 minutes.
- Weekly program.
- Red LED status indicator.
- Programmable via Obelisk top2 memory card **Part No. 907.0.404** (not included).
- Supplied with an external surface mount light sensor.
- LCD backlight.
- DuoFix spring terminals for 2 conductors each.
- PIN coding.
- Supplied with an external surface mount light sensor.
- Surface mount analogue light sensor (spare). **Part No. 907.0.416.**
- Also available with radio control. **Part No. Luna 121 top2 RC.**



## Twilight Switches

A twilight switch provides fully automatic control of lighting systems. Supplied with pre-set LUX values and details of current light levels from light sensitive sensors, the twilight switch turns connected lighting ON as soon as it gets dark and OFF again when it becomes light enough.

### Light Sensors

There are four light sensors available for the LUNA top2 range, analogue and digital, flush and surface mounting.



907.0.416 907.0.415 907.0.011 907.0.456

- 907.0.416 Surface Mount – Analogue Sensor.
- 907.0.415 Surface Mount – Digital Sensor.
- 907.0.011 Flush Mount – Analogue Sensor.
- 907.0.456 Flush Mount – Digital Sensor.

## Application Options

Twilight switches provide fully automatic control of lighting systems. Supplied with pre-set LUX values and current light levels via sensors they are ideal for security lighting, advertising hoardings, neon signs and internal staircases etc.





NTM01

LEDs  
UP TO  
100W

**NTM01**

**24 Hour Compact Segment Module**

- 16(8)A load rating.
- 96 quick-set segments for up to 48 ON/48 OFF programs.
- Special 'Traffic Light' slider switch for easy ON (green), Auto (green & red) and OFF (red) mode indication.
- Easy to use captive segment dial.
- Permanent ON/OFF control.



TR 671 top2/TR 672 top2

**TR 671 top2**

**24 Hour/7 Day Single Channel Digital 'TOP' Module (Without Power Supply)**

Electronic timer module for OEM applications featuring Text Oriented Programming. The module requires a 3V DC power supply.

**TR 672 top2**

**24 Hour/7 Day 2 Channel Digital 'TOP' Module (Without Power Supply)**

Shares all the features and benefits of the TR 671 top2 plus 2 channel operation with 42 memory locations distributed as required over both channels.



EMU56



NTM02

LEDs  
UP TO  
100W

**NTM02**

**24 Hour/7 Day Compact Digital Module**

- 16(4)A load rating.
- 4 ON/4 OFF easy-set program periods per day, 28 ON/28 OFF programs. per week, shortest switching time 1 minute.
- Extra large 'Easy View' screen with Blue LED backlighting.
- Red LED 'Mains ON' and green LED 'Output' indicators for easy viewing.
- Self-cancelling override button to next program change.
- Optional 1 and 2 hour boost button.
- Automatic summer/winter time changeover.



SMS24

**SMS24**

**24 Hour Mini Segment Timer Module**

24 hour Mini Segment Timer Module, 230V AC, 16 amp resistive, 8 amp inductive, permanent ON, permanent OFF and timed selector switch.

**EMU56**

**24 Hour/7 Day Single Channel Digital Module (Without Power Supply)**

Designed for use in OEM equipment allowing 8 independent programme selections per day, allowing up to 56 different ON/OFF operations per week.

**PB05**

**PanelMaster Power/Relay PCB**

A power supply and relay PCB designed for use with the MEU11/17 and EMU11/17 timer modules. It operates from 230V AC generating the required charge current for the module battery and provides single pole changeover, voltage free contacts. All connections are via 0.25 inch blades.



EL11/EMU11

LEDs  
UP TO  
50W

**EL11**

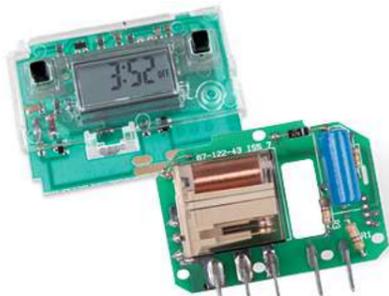
**PanelMaster 24 Hour Timeswitch**

The EL11 is an EMU11 combined with a PB05 creating a compact 16A timeswitch for panel mounting with permanent ON/permanent OFF/timed selection.

**EL17**

**PanelMaster 7 Day Timeswitch**

The EL17 is an EMU17 combined with a PB05, creating a compact 16A timeswitch.



MEU11/MEU17 PB05

**MEU11/EMU11**

**PanelMaster 24 Hour Electronic Timer Module**

An electronic timer module for OEM applications. The module requires only an external diode, resistor and relay to switch mains. The EMU11 is an MEU11 housed in an easy fit panel mount case giving permanent ON/permanent OFF/timed selection. It can also be surface mounted in an enclosure or cubicle.

**MEU17/EMU17**

**PanelMaster 7 Day Electronic Timer Module**

Shares all the features and benefits of the MEU11/EMU11 above plus individual day, everyday, every weekday or weekend program selections over a 7 day period. Six programs are available, and if selected to operate over all 7 days, 42 ON/42 OFF switchings per week can be used.

# What's NEW!

## Go Remote!

### PIR Lighting Detection with RF Control

A welcome addition to the SLB/SLW 2300 range with a built-in RF receiver for use with RF Remote Control Fob. Ideal for new lighting installation or replacement of existing PIR detector for remote control switching. The RF Fob eliminates the need for a hard-wired PIR override and has a handheld range of up to 100m.



See page 29.

## Pro Remote!

### control for the professional electrician

Introducing remote control to the Timeguard LED PRO range with a dedicated 140W LED PIR detector for use with all LED PRO floodlights.

Available in white and black it simply replaces the terminal cover and plugs into the LED PRO floodlight with no extra cabling required.

The remote control fob has a handheld range of up to 100m and eliminates the need for a hard wired PIR override.

See page 31.



# Light Section

A multiple range of energy saving lighting products from LED PIR lights and PIR Controllers to Wall Switches designed with maximum versatility for new and existing installations.

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### DALI Presence Detectors



See page 25.

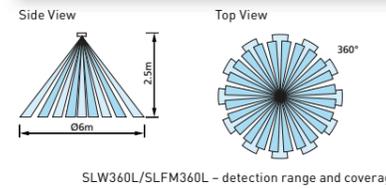


**SLW360L**

**360° Surface Mount Ceiling PIR Presence Detector**

Ideal for energy saving installations in the workplace, corridors, offices, toilets etc., where light control can make all the difference.

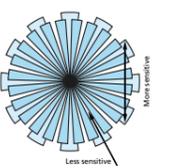
- 360° Surface Mount Ceiling PIR Presence Detector.
- 6m diameter (3m radius) detection range at 2.5m mounting height.
- No creep zone – maximum coverage.
- Light ON time adjustable from 5 seconds to 18 minutes.
- Manual ON/OFF override.
- IP44 weatherproof rating.
- Adjustable light level control.
- Total PIR switching: 2400W (e.g. 20x 100W GLS) incandescent or halogen, 500W fluorescent/150W CFL/low energy, 100W LED.
- Not suitable for discharge lighting.
- 75W fan.



**SLFM360L**

**360° Flush Mount Ceiling PIR Presence Detector**

- Flush mounting.
- 360° Flush Mount Ceiling PIR Presence Detector.
- 6m diameter (3m radius) detection range at 2.5m mounting height.
- No creep zone – maximum coverage.
- Light ON time adjustable from 5 seconds to 18 minutes.
- Manual ON/OFF override.
- IP44 weatherproof rating.
- Adjustable light level control.
- Total PIR switching: 2400W (e.g. 20x 100W GLS) incandescent or halogen, 500W fluorescent/150W CFL/low energy, 100W LED.
- Not suitable for discharge lighting.
- 75W fan.
- Requires a 75mm diameter installation hole cut out.



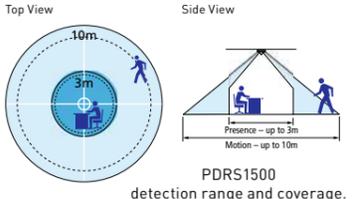
**3 YEAR GUARANTEE INCLUDED**

All these products carry a 3 year guarantee.

**PDRS1500**

**360° PIR Presence Detector – Surface Mount**

- Up to 2300W loading for incandescent, halogen, 1500W fluorescent, 420W LED or 250W fan.
- Enhanced 360° detection zone for optimum coverage.
- Switches lights ON when presence and motion are detected in combination with light levels (LUX adjustment) pre-set by user.
- Up to 10m detection range for motion and 3m for presence detection at 3m mounting height.
- User-friendly adjustment for:
  - Time ON: 1 to 30 minutes.
  - Light Level: 5 to 1000 LUX.
- Units can be wired in parallel (not exceeding total load).
- IP44 environmental rating (internal use only).



**PDSM1500**

**360° Ceiling PIR Presence Detector – Surface Mount**

- Up to 1500W loading (6A) for incandescent, halogen, fluorescent and inductive lighting or 250W (1A) fan, 420W LED.
- Enhanced 360° detection zone for optimum coverage.
- Switches lights ON when presence is detected and to light level (LUX) settings.
- Up to 10m detection range for motion and 3m for presence detection at 3m mounting height.
- User-friendly adjustment for:
  - Time ON: 1 to 30 minutes.
  - Light Level: 5 to 1000 LUX.
- Units can be wired in parallel (not exceeding total load).
- Can also be mounted on a standard BS surface or flush mount box.
- IP55 environmental rating (internal use only).

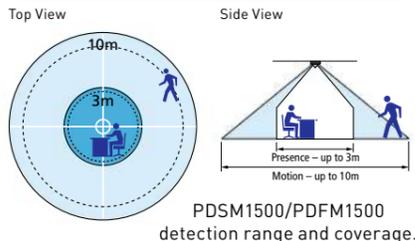


See pages 81 – 82 for product specifications.

**PDFM1500**

**360° Ceiling PIR Presence Detector – Flush Mount**

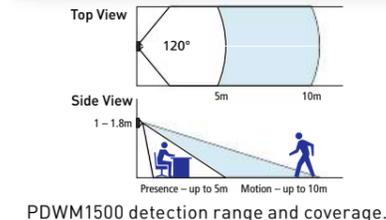
- Up to 1500W loading (6A) for incandescent, halogen, fluorescent and inductive lighting or 250W (1A) fan, 420W LED.
- Enhanced 360° detection zone for optimum coverage.
- Switches lights ON when presence is detected and to light level (LUX) settings.
- Up to 10m detection range for motion and 3m for presence detection at 3m mounting height.
- User-friendly adjustment for:
  - Time ON: 1 to 30 minutes.
  - Light Level: 5 to 1000 LUX.
- Units can be wired in parallel (not exceeding total load).
- Requires a 64mm diameter installation hole cut out.
- IP44 environmental rating (internal use only).



**PDWM1500**

**120° Wall Mount PIR Presence Detector**

- Up to 1500W loading (6A) for incandescent, halogen, fluorescent and inductive lighting or 250W (1A) fan, 420W LED.
- Enhanced 120° detection zone for optimum coverage.
- Switches lights ON when presence is detected and to light level (LUX) settings.
- Up to 10m detection range for motion and 5m for presence detection at 1.8m mounting height.
- User-friendly adjustment for:
  - Time ON: 1 to 30 minutes.
  - Light Level: 5 to 1000 LUX.
- Units can be wired in parallel (not exceeding total load).
- Can also be mounted on a standard BS surface or flush mount box.
- IP55 environmental rating (internal use only).
- 3 wire connection.



**HF1**

**360° Square Microwave Ceiling Presence Detector – Flush Mount**

- High frequency technology for instant reaction.
- Up to 1000W loading incandescent or halogen, 500VA fluorescent/low energy and 225W LED lighting.
- Enhanced 360° HF detection zone for optimum coverage.

**HF2R**

**360° Round (Microwave) Ceiling Presence Detector – Flush Mount**

- Up to 6m detection range for motion and presence at 3m mounting height.
- HF detects around partitions and through glass, doors and walls.
- User-friendly adjustment for:
  - Time ON: 1 to 30 minutes.
  - Range: 0.5m to 6m.
  - Light Level: 5 to 1000 LUX.
- Manual override switchable for 4 hours.
- Requires a 112mm diameter cut out.
- Not suitable for discharge lighting.
- IP20 environmental rating (internal use only).



**HF2R**

**360° Round (Microwave) Ceiling Presence Detector – Flush Mount**

- High frequency technology for instant reaction.
- Up to 1000W loading for incandescent, 440VA fluorescent, energy saving lamps and 100W LED.
- Enhanced 360° detection zone for optimum coverage.
- Up to 7m diameter detection range (3.5m radius) for motion detection at 3m mounting height.

- HF detects around partitions and through glass, doors and walls.
- User-friendly adjustment for:
  - Time ON: 30 seconds to 30 minutes.
  - Light Level: 5 to 1000 LUX.
- Requires a 64mm diameter cut out.
- Not suitable for discharge lighting.
- IP20 environmental rating (internal use only).



Optional PDSM361 LEDs UP TO 400W



Optional PDFM361/PDFM362 LEDs UP TO 400W



theMova S360-100 DE WH LEDs UP TO 70W



thePrema S360-101 UP WH LEDs UP TO 180W



theLuxa S150 BK theLuxa S180 BK LEDs UP TO 90W



theLuxa S360 WH LEDs UP TO 90W

**PDSM361**  
PIR Presence Detector – Surface Mount, Single Channel

Ideal for energy saving installations in the workplace, corridors, offices, toilets etc., where light control can make all the difference.

- Switches lights ON when presence is detected to light levels (LUX) set.
- 360° circular detection, range up to 7m at 2.5m mounting height.
- Three user friendly adjustments for Time, LUX levels and Metre range.
- Timer adjustment – from 5 seconds to 20 minutes (up to 30 or 60 minutes with IR10 remote).
- LUX adjustment – from 10 to 2000 LUX.
- Metre adjustment – approx. (-) Ø1m to (+) Ø7m at 2.5m height.
- Total switching: 1000W incandescent/halogen, 550W fluorescent/low energy plus 400W LED.
- Optional infra-red remote control for remote set-up and adjustment using part code IR10. Also gives extended lamp ON times.
- LED indication on detection and on optional remote control set-up.

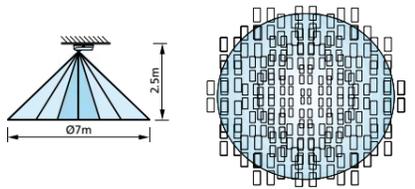
**PDFM361**  
PIR Presence Detector – Flush Mount, Single Channel

Shares the features and benefits of the PDSM361 but is flush mounted.

- Requires a 65mm diameter installation hole cut out.

**PDFM362**  
PIR Presence Detector – Flush Mount, 2 Channel

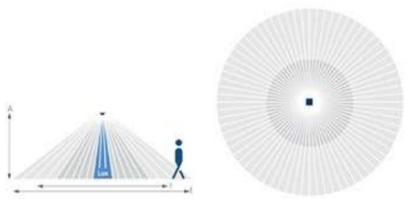
Shares the features and benefits of the PDFM361 but has 2 outputs switching lights and HVAC loads and time adjustments for each channel.



PDSM/PDFM detection range and coverage.

**theMova S360-100 DE WH**  
PIR Presence Detector – Flush Mount

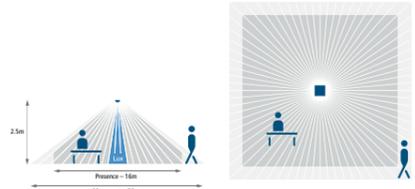
- PIR Presence Detector for ceiling mounting.
- 360° circular detection, range up to 7m at 2.5m mounting height.
- Timer adjustment – from 10 seconds to 60 minutes.
- LUX adjustment – from 30 to 3000 LUX.
- Total switching: 2300W incandescent/halogen, 1150W fluorescent/low energy plus 70W LED.
- Mixed light measurement suitable for fluorescent, halogen and incandescent lighting types as well as LEDs.
- Pulse function for staircase lighting.
- IP40 weatherproof rating.
- Optional user remote control theSenda S.
- Optional service remote control theSenda P.



theMova S360-100 DE WH detection range and coverage.

**thePrema S360-101 UP WH**  
PIR Presence Detector – Flush Mount

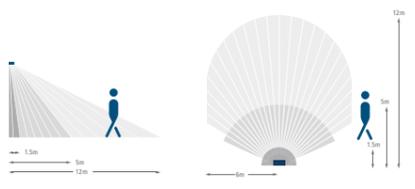
- PIR Presence Detector for ceiling mounting.
- 360° square detection, range up to 64m<sup>2</sup> at 2.5m mounting height.
- Choice of fully or semi-automatic (absence detection) operation.
- Timer adjustment – from 10 seconds to 60 minutes.
- LUX adjustment – from 5 to 3000 LUX.
- Total switching: 2300W incandescent/halogen, 1150W fluorescent/low energy plus 180W LED.
- Mixed light measurement suitable for fluorescent, halogen and incandescent lighting types as well as LEDs.
- Pulse function for staircase lighting.
- IP40 weatherproof rating.
- Optional user remote control theSenda S.
- Optional service remote control theSenda P.



thePrema S360-101 UP WH detection range and coverage.

**theLuxa S150**  
IP55 Outdoor 150° Motion Detector

- PIR outdoor Motion Detector.
- 150° detection, range up to 12m at 2.5m mounting height.
- Additional creep-under protection.
- Sensor head can be turned by ±90° horizontally and 30° downward.
- Timer adjustment – from 1 second to 20 minutes.
- LUX adjustment – from 5 to 1000 LUX.
- Total switching: 2300W incandescent/halogen, 400W fluorescent, 150W low energy plus 90W LED.
- Mixed light measurement suitable for fluorescent, halogen and incandescent lighting types as well as LEDs.
- Pulse function.
- IP55 weatherproof rating.
- White version – Part No. theLuxa S150 WH.
- Black version – Part No. theLuxa S150 BK.

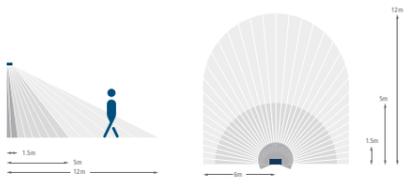


theLuxa S150 detection range and coverage.

**theLuxa S180**  
IP55 Outdoor 180° Motion Detector

Shares the features and benefits of theLuxa S150 plus a 180° detection area.

- 180° detection, range up to 12m at 2.5m mounting height.
- White version – Part No. theLuxa S180 WH.
- Black version – Part No. theLuxa S180 BK.



theLuxa S180 detection range and coverage.

**theLuxa S360**  
IP55 Outdoor 360° Motion Detector

Shares the features and benefits of theLuxa S150 plus a 360° detection area.

- 360° detection, range up to 12m at 2.5m mounting height.
- Installation on walls and ceilings.
- White version – Part No. theLuxa S360 WH.
- Black version – Part No. theLuxa S360 BK.



theLuxa S360 detection range and coverage.



See pages 81 – 82 for product specifications.



All these products carry a 3 year guarantee.



**IR10**  
Infra-Red Remote Control

For use with PIR presence detector models PDSM361, PDFM361 and PDFM362.

- Ceiling mount presence detectors can be set up and adjusted without the use of ladders.
- Adjustable light (LUX) and time on settings at the touch of a button.
- Easy to set by symbol recognition.
- Extended lamp ON times available.
- 3m (approx.) transmission range.
- 3V DC (CR2032 battery) factory fitted and replaceable.



IR10 PDSM361

**Remote Controls for Theben PIR Presence Detectors**

- theSenda S**  
User Remote Control for theMova S360-100 DE WH and thePrema S360-101 UP WH.
- theSenda P**  
Service Remote Control theMova S360-100 DE WH and thePrema S360-101 UP WH.



theSenda P



theSenda S



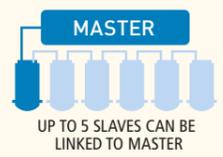
All these products carry a 3 year Theben guarantee.





**PDFMMINIL**  
360° Flush Mount Linkable Mini PIR Sensor  
Mini design (30mm diameter) for corridor and multi-zone use with Twist & Lock design for easy access. Linkable pre-wired RJ11 plug-in slave units allow quick installation with up to 5 slaves to one master unit.

- Designed for corridor and multi-zone use.
- Mini unobtrusive design (30mm diameter).
- Detection: 360°
- 3 metre presence detection.
- 8 metre motion detection.
- Twist & Lock design for easy access.
- Pre-wired RJ11 plug-in slave units for quick installation.
- Linkable.
- Up to 5 slaves can be added to 1 master.
- Load: halogen max. 1000W.
- LED max. 250W.
- LUX adjustment: 5 – 1000 LUX.
- Time adjustment: 30 seconds to 30 minutes (master only).
- Termination box for ease of wiring.
- Masking kit included.
- LED indication.
- IP40 weatherproof rating.



**PDFMMINILS**  
360° Flush Mount Linkable Mini PIR Slave Sensor  
Up to 5 slaves can be added to 1 master PDFMMINIL.

**PDFM360MINI**  
Stand Alone Mini PIR Presence Detector  
Mini Stand Alone flush mount ceiling PIR with removable shroud for easy access to controls once installed.

- Flush mounting.
- 360° angle of detection.
- 6m diameter (3m radius) detection range at 2.5m mounting height.
- No creep zone – maximum coverage.
- Removable shroud for easy access to controls once installed.
- Light ON time adjustable from 30 seconds to 30 minutes in 30s, 1m, 5m, 10m and 30m increments.
- LUX adjustment 5 to 1000 LUX plus memory setting 5 to 200 LUX.
- IP20 weatherproof rating.
- Total PIR switching: 800W halogen, 225W fluorescent (electronic) and 4x 23W LED switching.
- Not suitable for discharge lighting.
- Requires a 45mm diameter installation hole cut out.

**PDSMDALI**  
IR DALI Presence Detector – Surface Mount

- 360° 9m diameter detection.
- Adjustable time setting 10 seconds – 30 minutes.
- Adjustable standby time – ON/OFF, 1 – 30 minutes.
- Adjustable 10 – 1000 LUX setting.
- 15 selectable DALI groups.
- 1 light channel DALI broadcast.
- Remote control available – Part No. IRRDALI.

**PDSMCDALI**  
IR DALI Corridor Presence Detector – Surface Mount

- 360° 40m length x 16m width range of detection.
- 15 selectable DALI groups.
- 1 light channel DALI broadcast.
- Remote control available – Part No. IRRDALI.

**PDFMDALI**  
IR DALI Presence Detector – Flush Mount

- 360° 9m diameter detection.
- Adjustable time setting 10 seconds – 30 minutes.
- Adjustable standby time – ON/OFF, 1 – 30 minutes.
- Adjustable 10 – 1000 LUX setting.
- 68mm diameter ceiling cut-out.
- 15 selectable DALI groups.
- 1 light channel DALI broadcast.
- Remote control available – Part No. IRRDALI.

**PDFMCDALI**  
IR DALI Corridor Presence Detector – Flush Mount

- 360° 40m length x 16m width range of detection.
- 15 selectable DALI groups.
- 1 light channel DALI broadcast.
- Remote control available – Part No. IRRDALI.

**PSUDALI**  
DALI Power Supply

- 230V 50Hz.
- Rated power: 3.8W Max.
- Output voltage: 16V DC.
- Output current: 220mA.
- Class rating: Class II.
- IP20.
- For use with Timeguard DALI Sensor models: PDSMDALI, PDSMCDALI, PDFMDALI and PDFMCDALI.



All these products carry a 3 year guarantee.



See page 81 for product specifications.

**PDFMMINIL Product Features**



Lens cap supplied for range adjustment.

Quick install RJ11 connections between wiring box, PIR Master and Master to Slave.

Large easy wire mains terminals.

Easy access controls.



IRRDALI

**IRRDALI**  
DALI Remote Control

- For use with Timeguard DALI Sensor models: PDSMDALI, PDSMCDALI, PDFMDALI and PDFMCDALI.
- Ceiling mount presence detectors can be set up and adjusted without the use of ladders.
- Adjustable light (LUX) and time ON settings at the touch of a button.
- Easy to set by symbol recognition.
- Extended lamp ON times available.
- 5m (approx.) transmission range.
- 3V DC (CR2032 battery) factory fitted and replaceable.





ZV700B

LEDs UP TO 20W



ZV210 / ZV215

LEDs UP TO 20W



ZV810

LEDs UP TO 20W



DS4

LEDs UP TO 80W



DS1/DS2/DSS

LEDs UP TO 10W



DS3HD

LEDs UP TO 150W

IP65 RATING

**ZV700B** Digital Light Switch with Optional Dusk Start

- 6 different time periods (5 day plus 2 day or 7 day programming) displayed on an easy-view blue illuminated screen.
- Mode buttons allow easy programming, including an optional dusk start, turning lights ON at dusk and OFF at a selected time.
- Random mode setting uses programme times with up to +/- half hour switching differences.
- Automatic summer/winter time changeover.
- Controls 40 – 400W of filament, 11 – 150W low energy (minimum bulb size 11W), 18 – 76W of fluorescent and 20 – 200W of low voltage lighting.
- Note: FLA01 strip light adaptor may be required in certain installations.
- Fits a standard flush or surface mount BS wall box min. 25mm deep.

**INCREASE LEDS UP TO 200W** The ZV210, ZV215 & ZV810 are permanently powered, which is achieved through the switched Live. As such, some LED and CFL lamps may glow or flash whilst this product is in the 'OFF' status. This glow/flash can be eliminated by adding the Timeguard ZV900 Automatic Switch Load Controller to the circuit.

The LED switching capabilities of these products can be increased up to 200W by the addition of the Timeguard ZV900 Automatic Switch Load Controller (see page 26).

**ZV210** Programmable Security Light Switch – Single Gang

- Turns a light ON automatically when it gets dark.
- Light ON time programmable for up to 8 hours approximately.
- Adjustable light level control for dusk switching to compensate for differing light levels within a building.
- Note: FLA01 strip light adaptor will allow operation with up to 85W of fluorescent or low energy lamps.

**ZV215** Programmable Security Light Switch – Twin Gang

- Additional manual only switch which can control 500W of filament, 100W of low energy or 200W of fluorescent lighting.
- Note: FLA01 strip light adaptor will allow operation with up to 85W of fluorescent or low energy lamps.



YouTube support available on this product.

**ZV810** Motion Sensor PIR Light Switch

Detects PIR body heat movement and automatically switches the light ON, turning it OFF again after a time adjustable from 6 seconds to 12 minutes.

- AUTO/ON/OFF selections.
- 180° detection area with adjustable 8m detection range.
- Light ON times adjustable from 6 seconds to 12 minutes.
- Fully adjustable light level control.
- Can also be used as a normal ON/OFF or 2 way switch.
- Suitable for lamp loads: 40 – 500W incandescent, 40 – 150W low voltage halogen, 18 – 150W fluorescent with electronic ballast, 15 – 150W electronic PL lamp (Philips or Osram only).
- Fits a single gang wall box min. 25mm deep.

**3 YEAR GUARANTEE INCLUDED**

See pages 82 – 83 for product specifications. All these products carry a 3 year guarantee.



ZV900

LEDs UP TO 200W

**ZV900** Automatic Switch Load Controller

This unit is designed specifically for '2-wire' products controlling low wattage 230V AC CFL and LED lamps and luminaires. Only one ZV900 is required in the lighting circuit operated by the automated control. Ideal for use with automatic light switches and specifically designed for Timeguard's range of PIR (ZV810), Photocell (ZV210/ZV215), Digital (ZV700/ZV700B) and timed delay switches (DS1/DS2/DSS/DS4/DS3HD).

- Eliminates glow and flicker issues in LED/ CFL lamps when used with 2-wire automatic light switches (i.e. timed, PIR, photocell automatic switches).
- Under 1W power consumption.
- Built-in surge suppression.
- No additional cabling to the switch required.
- Fits in the ceiling through a 50mm hole.
- Specifically designed to operate with Timeguard ZV700, ZV700B, ZV210, ZV215, DS1 and ZV810 when used with LED or CFL lighting.
- Also boosts the switching capability up to 200W of LED.

**DS4** Pneumatic Time Delay Switch

Simply push the button and turn the lights ON from 10 seconds to 10 minutes.

- 6A incandescent and resistive loads.
- 3A fluorescent and inductive loads.
- Replaces existing single gang wall switch.
- Ideal for staircases and corridors.
- Delay time range: 10 seconds to 10 minutes.
- Single pole/neutral not required.
- Compatible with 20mm back boxes.

**DS1** Electronic Time Delay Switch (2 Wire)

Single gang push button delay switch with centre button neon. Light ON times are adjustable from 10 seconds to 10 minutes approx. via a tamper-proof potentiometer setting.

- 2 wire connection – neutral not required.
- Neon button highlights switch in dark areas.
- Adjustable light ON times from 10 seconds to 10 minutes approx. via a tamper-proof potentiometer.
- For use with incandescent lighting up to 1.5kW and 20 – 200W of low voltage lighting (not suitable for fluorescent and low energy lighting).
- See DSS for multiple position switching.

**DS2** Electronic Time Delay Switch (3 Wire)

Adjustable light ON times in four ranges (selectable by 2 position DIL switch);

- 3 seconds to 30 seconds.
- 12 seconds to 2 minutes 4 seconds.
- 1 minute 36 seconds to 16 minutes 31 seconds.
- 12 minutes 26 seconds to 2 hours 12 minutes (all nominal).
- Note: 3 wire connection – Neutral required.

**DSS** Electronic Time Delay Switch Slave

For use with one DS1 in multiple position switching (up to 10 can be used with one DS1). Not suitable for use with DS2.

- Adjustable light ON times in four ranges (selectable by 2 position DIL switch);
- 3 seconds to 30 seconds.
- 12 seconds to 2 minutes 4 seconds.
- 1 minute 36 seconds to 16 minutes 31 seconds.
- 12 minutes 26 seconds to 2 hours 12 minutes (all nominal).
- For use with incandescent lighting up to 1.5kW, 2kW heating and 20 – 200W of low voltage lighting (not suitable for fluorescent and low energy lighting).
- Note: 3 wire connection – Neutral required.

**DS3HD** Electronic IP65 Time Delay Switch

Ideal for use with incandescent, fluorescent lighting and heating up to 4kW.

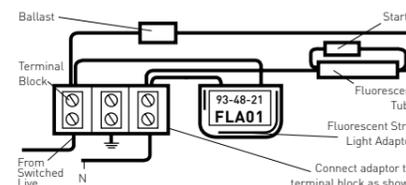
- Weatherproof – suitable for loads up to 16(4)A.
- Light ON times selectable from 2 minutes to 3 hours via 3 position DIL switch.
- Adjustable 2, 5, 10, 30, 60, 90, 120 and 180 minute settings.
- Blue LED flashes 1 minute before end time as prompt to user.
- 3 wire connection – neutral required.

**INCREASE LEDS UP TO 200W** The DS1, DS2 & DSS are permanently powered, which is achieved through the switched Live. As such, some LED and CFL lamps may glow or flash whilst this product is in the 'OFF' status. This glow/flash can be eliminated by adding the Timeguard ZV900 Automatic Switch Load Controller to the circuit.

The LED switching capabilities of the DS1, DS2, DS3HD, DSS and NSLDD1000 can be increased up to 200W through the addition of the Timeguard ZV900 Automatic Switch Load Controller (see page 26).

**FLA01** Fluorescent Light Adaptor

Allows the use of fluorescent strip lights or low energy lamps to be used with the ZV700B, ZV810, ZV210 and ZV215.



**TGLEDNL** LED Night Light

Simply plug into socket and the LED night light will switch ON at low light levels.

- Simply plug into socket for instant night light.
- Long life LED lamp provides gentle light for comfort and safety.
- Ideal for use in nurseries, young children's bedrooms, landings and hallways.
- Built-in light sensor turns light ON at dusk and OFF at dawn.



TGLEDNL



MTLW3000/SLW2400  
**LEDs UP TO 140W**

**MTLW3000**  
 3000W PIR Light Controller

- 12m detection range with 200° area of detection.
- Adjustable light level control.
- IP55 weatherproof rating.
- Adjustable light ON time 5 seconds to 18 minutes.
- Manual ON/OFF override.
- Hinged back box for ease of wiring.
- Total PIR switching: 3000W halogen/incandescent, 500W fluorescent/low energy plus 140W LED.

**SLW2400**  
 2000W PIR Light Controller

- 12m detection range with 180° area of detection.
- IP44 weatherproof rating.
- Adjustable light ON time 5 seconds to 18 minutes.
- Manual ON/OFF override.
- Total PIR switching: 2000W incandescent/halogen, 500W fluorescent/low energy.



See page 83 for product specifications.



All these products carry a 3 year guarantee.



MLSA360N  
**LEDs UP TO 140W**



MLB3000/MLW3000  
**LEDs UP TO 140W**

**MLB3000**  
 3000W PIR Light Controller - Black

- 12m detection range with 200° area of detection.
- Light ON times adjustable from 5 seconds to 18 minutes.
- Scrolling LED 'System Live' status acts as advance deterrent.
- Adjustable light level control.
- Manual ON/OFF override.
- Optional holiday mode between 1 and 8 hours.
- Direct mount bracketless fixing – contractor quick fit aid supplied.
- IP55 weatherproof rating.
- Total PIR switching: 3000W halogen/incandescent, 500W fluorescent/low energy plus 140W LED.

**MLW3000**  
 White Version

Shares all the features and benefits of the MLB3000 but is available in a white finish.

**MLSA360N**  
 360° PIR Light Controller

- Adjustable PIR detector with pan and tilt sensor aiming adjustment.
- Enhanced 360° detection zone for optimum coverage.
- Up to 12m detection range at 2.8m mounting height.
- Light ON time adjustment 5 seconds to 12 minutes.
- LUX (light level) adjustment – Day to Night (5 to 1000 LUX – permanently ON when at max.).
- Total PIR switching 3000W incandescent/halogen, 500W fluorescent, and 140W LED lighting.
- IP45 weatherproof rating.
- Corner mount bracket supplied in pack.
- Easy installation with Fast-fix terminal block connection.



NSLDD1000  
**LEDs UP TO 80W**

**NSLDD1000**  
 3000W Dusk to Dawn Light Controller

- Hinged front cover for ease of wiring.
- Dusk light level adjustment.
- Light ON time is adjustable in 5 steps (2, 4, 6, 8 hours or until dawn).
- IP55 weatherproof rating.
- Switching delay avoids nuisance switching.
- Total light switching: 3000W incandescent/halogen, 500W fluorescent/low energy plus 80W LED.



MLTP180BK/MLTP180WH  
**LEDs UP TO 500W**

**MLTP180BK**  
 2300W 180° PIR Anti Tamper Light Controller - Black

- Tamper proof design.
- 180° 12 metre detection.
- IP55 weatherproof rating.
- Adjustable time setting – 2 seconds to 30 minutes.
- Adjustable 2 to 1000 LUX setting.
- 2300W halogen, 500W fluorescent and LED switching.
- Optional corner bracket.

**MLTP180WH**  
 White Version



SLB2300/SLW2300  
**LEDs UP TO 250W**

**SLB2300**  
 2300W PIR Light Controller - Black

- Powerful PIR controller for new and existing installations.
- Total PIR switching: 2300W incandescent/halogen, 500W fluorescent/low energy plus 250W LED.
- 12m detection range with 180° area of detection.
- Pan and tilt feature.
- Light ON times adjustable from 5 seconds to 15 minutes.
- LUX (light level) adjustment – Day to Night (2 to 1000).
- Manual ON/OFF switching override.
- IP55 weatherproof rating.
- Simple and quick to fit terminal block connectors.
- Dimensions: 93 x 78 x 141mm.
- Corner mounting bracket available – SLBCB.

**SLW2300**  
 White Version

- Corner mounting bracket available – SLWCB.



WIRE FREE



SLB2300RF/SLW2300RF  
**LEDs UP TO 250W**

**SLB2300RF**  
 2300W PIR Light Controller c/w RF Control - Black

- 180° up to 12 metre detection.
- Pan and tilt feature.
- Adjustable time setting 3 Seconds – 18 Minutes.
- Adjustable 2 – 1000 LUX setting.
- IP55 weatherproof rating.
- Total PIR switching:
  - 2300W Halogen Lighting.
  - 500W Fluorescent Lighting.
  - 250W LED Lighting.
- Corner mounting bracket available – code SLBCB.
- RF Fob control, up to 100m handheld range.
- Up to 6 remote fobs can be used with each PIR.
- Fob can also fit into a standard indoor/outdoor wall switch, eliminating the need to hard wire the PIR override switch.

**SLW2300RF**

2300W PIR Light Controller c/w RF Control - White

- Corner mounting bracket available – SLWCB.

WIRE FREE



LEDPROF0B

**LEDPROF0B**  
 LEDPRO RF Remote Fob

- Eliminates the need for hard wired PIR override.
- RF key Fob remote control – 100m range.
- Can be surface mounted and used as a wall switch – 10m range.
- Up to 6 remotes can be used with one PIR.
- Auto learn.
- Battery: 3V (1x CR2032).
- IP44 weatherproof rating.
- Compatible with Timeguard PIR sensor models: LEDPRORFKB, LEDPRORFKWH, SLB2300RF and SLW2300RF.

**SLB/SLW2300RF**  
 PIR with built-in RF Receiver for use with RF Remote Control Fob (included)



Works with up to 6x RF remote control fobs.



Fob fits to standard indoor/outdoor wall switch for quick installation.

**SLBCB**

Corner Bracket for SLB2300 and SLB2300RF

- Simply screw fit to wall with controller's wall plate and click fit controller into position.
- Ideal for narrow passageways and corner entrance/exit points.

**SLWCB**

Corner Bracket for SLW2300 and SLW2300RF



LEDPRO10

**LEDPRO10B**  
10W Professional Rewireable Floodlight – 650 lumens

- Rewireable with easy access screw terminals with link terminal for common accessories control.
- Powerful 10W LED energy saving floodlight.
- 650 lumens of cool white light (colour 5000k).
- Polycarbonate front lens with prismatic centre for enhanced light control.
- Fully polycarbonate front lens ideal for food preparation areas and grain stores.
- Plug & Play PIR option with linkable control (optional extra).
- Plug & Play Photocell option with linkable control (optional extra).
- Easy install bracket – enables floodlight fixing screws to be pre-fitted.
- Installer friendly captive terminal cover screws 2x PG11 glands supplied, suitable for 1.5mm twin and earth flat cable.
- IP65 weatherproof rating.
- Driverless ACLED technology.
- Long life – up to 30,000 hours for low maintenance.
- UK and European registered design.



LEDPRO20

**LEDPRO10WH**  
White Version – 750 lumens

- Powerful 10W LED energy saving floodlight.
- 750 lumens of cool white light (colour 5000k).

**LEDPRO20B**  
20W Professional Rewireable Floodlight – 1400 lumens

- Powerful 20W LED energy saving floodlight.
- 1400 lumens of cool white light (colour 5000k).
- Plug & Play PIR option with linkable control (optional extra).
- Plug & Play Photocell option with linkable control (optional extra).
- IP65 weatherproof rating.

**LEDPRO20WH**  
White Version – 1500 lumens

- Powerful 20W LED energy saving floodlight.
- 1500 lumens of cool white light (colour 5000k).



LEDPRO30

**LEDPRO30B**  
30W Professional Rewireable Floodlight – 2050 lumens

- Powerful 30W LED energy saving floodlight.
- 2050 lumens of cool white light (colour 5000k).
- Plug & Play PIR option with linkable control (optional extra).
- Plug & Play Photocell option with linkable control (optional extra).
- IP65 weatherproof rating.

**LEDPRO30WH**  
White Version – 2100 lumens

- Powerful 30W LED energy saving floodlight.
- 2100 lumens of cool white light (colour 5000k).



See page 83 for product specifications. All these products carry a 3 year guarantee.



LEDPROSL

**LEDPROSLB**  
Dedicated PIR Detector for LEDPRO Range

Simply replaces the terminal cover and plugs into the LEDPRO Floodlight offering a 140W LED PIR with a 180° 12m detection range. Features include tilt and rotate adjustable head, timed ON adjustable control and manual override.

- Dedicated 140W LED PIR for use with Timeguard LEDPRO floodlights.
- Maximum Switchable Load: LED lamp – 140W; halogen lamp – 1000W; CFL – 200W; fluorescent tube w/o PF correction – 500W.
- Simply replaces the terminal cover and plugs in to the LEDPRO floodlight – no extra cabling necessary.
- Installer friendly captive terminal cover screws 2x cable entries suitable for PG11 gland (glands not supplied).
- 12 metre, 180° detection.
- Tilt and rotate adjustable head for accurate reliable detection.
- 3 seconds – 18 minutes timed duration (adjustable).
- Photocell sensor (adjustable) and manual override function.
- IP55 weatherproof rating.

**LEDPROSLWH**  
White Version



WIRE FREE

LEDPRORFKB

**LEDPRORFKB**  
Dedicated LEDPRO RF Remote Kit for LEDPRO Range – Black

- Dedicated 140W LED PIR detector for use with all Timeguard LEDPRO floodlights.
- RF Fob control eliminates the need for hard wired PIR override.
- Simply replaces the terminal cover and plugs into the LEDPRO floodlight – no extra cabling necessary.
- Installer friendly captive terminal cover screws 2x cable entries suitable for PG11 gland (glands not supplied).
- 180° up to 12 metre detection.
- Pan and tilt feature.
- Total PIR switching: 140W LED Lighting, 1000W Halogen Lighting, 500W Fluorescent Tube w/o PF correction, 200W CFL Lighting.
- Adjustable time setting 3 Seconds – 18 Minutes.
- Adjustable 2 – 1000 LUX setting.
- RF Fob control, up to 100m handheld range.
- Fob can also fit into a standard indoor/outdoor wall switch, eliminating the need to hard wire the PIR override switch.
- IP55 weatherproof rating.

**LEDPRORFKWH**  
White Version

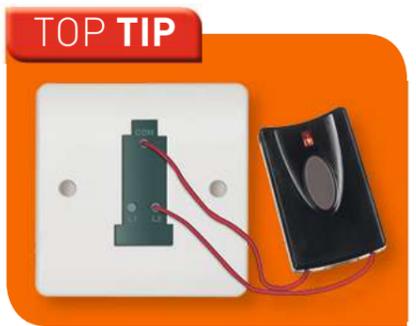


WIRE FREE

LEDPROFOB

**LEDPROFOB**  
LEDPRO RF Remote Fob

- Eliminates the need for hard wired PIR override.
- RF Key Fob remote control – 100m range.
- Can be surface mounted and used as a wall switch – 10m range.
- Up to 6 remotes can be used with one PIR.
- Auto learn.
- Battery: 3V (1x CR2032).
- IP44 weatherproof rating.
- Compatible with Timeguard PIR sensor models: LEDPRORFKB, LEDPRORFKWH, SLB2300RF and SLW2300RF.



RF Fob can be wired in to any standard light switch (cables supplied).



LEDPRO50

**LEDPRO50B**  
50W Professional Rewireable Floodlight – 3500 lumens

- Powerful 50W LED Energy Saving Floodlight.
- 3500 lumens of cool white light (colour 5000k).
- Plug & Play PIR option with linkable control (optional extra).
- Plug & Play Photocell option with linkable control (optional extra).
- IP65 weatherproof rating.

**LEDPRO50WH**  
White Version – 3600 lumens

- Powerful 50W LED Energy Saving Floodlight.
- 3600 lumens of cool white light (colour 5000k).



**LEDPROPCB**  
Dedicated Photocell for LEDPRO Range

- Dedicated 140W LED Photocell for use with Timeguard LEDPRO Floodlights.
- Maximum Switchable Load: LED lamp – 140W; halogen lamp – 1000W; CFL – 200W; fluorescent tube w/o PF correction – 500W.
- Installer friendly captive terminal cover screws 2x cable entries suitable for PG11 gland (glands not supplied).

- Simply replaces the terminal cover and plugs in to the LEDPRO floodlight – no extra cabling necessary.
- 2, 4, 6 or 8 hours timed on duration or continuous Dusk to Dawn (adjustable).
- Adjustable LUX setting.
- IP55 weatherproof rating.

**LEDPROPCWH**  
White Version



LEDPROPC



LEDX10PIR/LEDCST10PIR



LEDX10FL/LEDCST10



LEDX20PIR/LEDCST20PIR



LEDX20FL/LEDCST20



LEDX30PIR/LEDCST30PIR



LEDX30FL/LEDCST30

**LEDX10PIRB**

10W LED Energy Saver Wide Beam PIR Floodlight

- Powerful 10W LED energy saving PIR floodlight.
- 685 lumens bright white light.
- Light ON times adjustment 5 seconds to 10 minutes.
- Optional mode settings;
  - Dusk to Dawn.
  - Permanent ON – when in Dusk to Dawn and on maximum time setting.
  - Manual ON with pulsed supply.
  - Test mode.
- 180° PIR detector with up to 12m detection range.
- Instant light ON to full brightness.
- LUX (light level) adjustment – Day to Night (2 to 200).
- IP55 weatherproof rating.
- Easy quick fit bracket installation.

**LEDX10PIRWH**

White Version

- 750 lumens bright white light.

**LEDX10FLB**

10W LED Energy Saver Wide Beam Floodlight

- 685 lumens bright white light.

**LEDX10FLWH**

White Version

- 750 lumens bright white light.

**LEDX20PIRB**

20W LED Energy Saver Wide Beam PIR Floodlight

- 1260 lumens bright white light.

**LEDX20PIRWH**

White Version

- 1325 lumens bright white light.

**LEDX20FLB**

20W LED Energy Saver Wide Beam Floodlight

- 1260 lumens bright white light.

**LEDX20FLWH**

White Version

- 1325 lumens bright white light.

**LEDX30PIRB**

30W LED Energy Saver Wide Beam PIR Floodlight

- Powerful 30W LED energy saving PIR floodlight.
- 2115 lumens bright white light.
- Slave output – up to 10 sets of LEDX30FLB depending on load type.

**LEDX30PIRWH**

White Version

- 2310 lumens bright white light.

**LEDX30FLB**

30W LED Energy Saver Wide Beam Floodlight

- 2115 lumens bright white light.

**LEDX30FLWH**

White Version

- 2310 lumens bright white light.

**LEDCST10PIRB**

10W LED Coastal Grade PIR Floodlight

- Powerful 10W LED energy saving PIR floodlight.
- 750 lumens bright white light.
- Slave terminal available for additional external lighting loads.
- Parallel switching facility.
- IP55 weatherproof rating.
- Pan & Tilt Bracket also available.

**LEDCST10PIRWH**

White Version

**LEDCST10B**

10W LED Coastal Grade Floodlight

- 750 lumens bright white light.

**LEDCST10WH**

White Version

- 750 lumens bright white light.

**LEDCST20PIRB**

20W LED Coastal Grade PIR Floodlight – Black

- Powerful 20W LED energy saving PIR floodlight.
- 1500 lumens bright white light.
- Slave terminal available for additional external lighting loads.
- Pan & Tilt Bracket also available.

**LEDCST20PIRWH**

White Version

- 1500 lumens bright white light.

**LEDCST20B**

20W LED Coastal Grade Floodlight

- 1500 lumens bright white light.

**LEDCST30PIRB**

30W LED Coastal Grade PIR Floodlight – Black

- Powerful 30W LED energy saving PIR floodlight.
- 2250 lumens bright white light.
- Slave terminal available for additional external lighting loads.
- Pan & Tilt Bracket also available.

**LEDCST30PIRWH**

White Version

- 2250 lumens bright white light.

**LEDCST30B**

30W LED Coastal Grade Floodlight

- 2250 lumens bright white light.

**LEDCST20WH**

White Version

**LEDCST30WH**

White Version



See page 84 for product specifications.



All these products carry a 3 year guarantee.



**Pan & Tilt Corner Brackets for LEDX and LED Coastal Ranges**

**LEDCSTSSBRB**

Black Version

**LEDCSTSSBRWH**

White Version



LEDCSTSSBRB



**Coastal Grade LED PIR Floodlights – The leading light in all weather conditions!**

The LED Coastal Range shares all the features and benefits of the LEDX Wide Beam Range plus:

- Coastal grade LED PIR Floodlight.
- 316 stainless steel bracket & screws.
- Marine grade aluminium heat sink.
- Parallel switching facility – a maximum of 4x LEDCSTPIR floodlights can be wired in parallel.



LEDCSTSSBRWH



NEW Product

NEW Product

NEW Product

**LED100PIRBE**

10W LED Energy Saver PIR Floodlight – Black

- Powerful 10W LED compact PIR floodlight – single flood.
- Pan and tilt light aiming adjustment.
- Lumen output 840lm.
- 180° 10m detection range.
- Adjustable time setting 2 seconds to 30 minutes.
- Adjustable 2 – 200 LUX setting.
- Manual override.
- IP55 weatherproof rating.
- Slave terminal available for additional external lighting loads; LED max 100W, halogen max 300W, fluorescent max 200W.
- Parallel switching facility – a maximum of 4x LED100PIRE floodlights can be wired in parallel to enable any detector to turn ON all the lights connected.

**LED100PIRWHE**

White Version

**LED100FLBE**

10W LED Energy Saver Floodlight – Black

- Powerful 10W LED compact PIR floodlight – single flood.
- Pan and tilt light aiming adjustment.
- Ideal for both indoor and outdoor installations.

**LED100FLWHE**

White Version

**LED200PIRBE**

Twin 10W LED Energy Saver PIR Floodlight – Black

- Powerful 2x 10W LED compact PIR floodlight – twin flood.
- Lumen output 2x 840lm.
- Slave terminal available for additional external lighting loads; LED max 100W, halogen max 300W, fluorescent max 200W.
- Manual override.
- IP55 weatherproof rating.
- Parallel switching facility – a maximum of 4x LED200PIRE floodlights can be wired in parallel to enable any detector to turn ON all the lights connected.

**LED200PIRWHE**

White Version

**LED200FLBE**

Twin 10W LED Energy Saver Floodlight – Black

- Powerful 2x 8W LED Energy Saving PIR Floodlight – instantly bright like halogens but at a fraction of the running costs.
- Ideal for both indoor and outdoor installations.

**LED200FLWHE**

White Version



**Product Features**



Independent pan and tilt light aiming adjustment for maximum illumination.



Stylish hot air cooling fins for extended usage without unit overheating.



Quick and simple adjustment of 'Light ON' and 'Dusk' controls.



Simple and convenient connection for easy wiring with Fast-fix terminal block.



NEW Product

**LED400PIRB**

32W LED Energy Saver PIR Floodlight (4x 8W LED Modules) – Black

- Powerful 32W (4x 8W) LED energy saving PIR floodlight.
- 90° pan left and 90° pan right light aiming adjustment and 55° tilt adjustment.
- Light ON times adjustment 5 seconds to 10 minutes.
- Optional mode settings – Dusk to Dawn Photocell mode and Test mode.
- 180° PIR detection angle within adjustable 360° range and up to 12m detection range.
- LUX (light level) adjustment – Day to Night (2 to 200 LUX – Dusk to Dawn ON when at max.).
- Can link with up to 5 slave 32W LED Floodlight codes LED400FLWH and LED400FLB for matching installations.
- Exit ON feature.
- IP55 weatherproof rating.
- Easy installation with Fast-fix terminal block connection.

**LED400PIRWH**

White Version



See page 84 for product specifications.



All these products carry a 3 year guarantee.

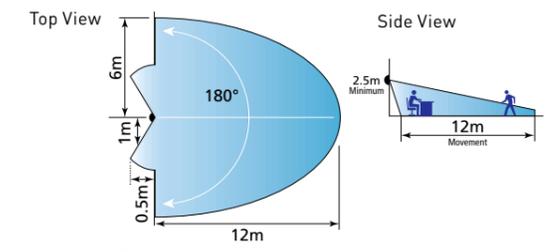
**LED400FLB**

32W LED Energy Saver Floodlight (4x 8W LED Modules) – Black

- Powerful 32W (4x 8W) LED energy saving PIR floodlight.
- 90° pan left and 90° pan right light aiming adjustment and 55° tilt adjustment.
- Instant light ON to full brightness.
- Ideal for both indoor and outdoor installations.
- IP55 weatherproof rating.
- Easy installation with Fast-fix terminal block connection.

**LED400FLWH**

White Version



LED400PIR detection range and coverage.



**Corner Brackets and Spacers for LED100E & LED200E ranges**

**907.0.757**

Corner Bracket – Black

**907.0.756**

Corner Bracket – White

**907.0.988**

Spacer – Black

**907.0.971**

Spacer – White



907.0.757



LEDMRQ18 Range



LEDMRQ18 Range

**LEDMRQ18WH** MAINS

18W LED Slimline Round Ceiling Light

- 18W LED power.
- 1680 lumens of cool white light (colour 4000k).
- Wide light diffusion pattern for optimum area coverage.
- 30,000 hour life.
- Robust polycarbonate lens and housing suitable for industrial, commercial and residential installations.
- IP20 weatherproof rating.

**LEDMRQ18WHEM** EMERGENCY

18W LED Slimline Round Ceiling Light – Emergency Version

- 18W LED power.
- 1680 lumens of cool white light (colour 4000k).
- Switchable maintained.
- Emergency 3 hour duration.
- 50% light output in Emergency mode.
- Wide light diffusion pattern for optimum area coverage.
- Robust polycarbonate lens and housing suitable for industrial, commercial and residential installations.
- IP20 weatherproof rating.

**LEDMRQ18WHMS** MICROWAVE DETECTION

18W LED Slimline Round Ceiling Light with Microwave Presence Detection

- 18W LED power.
- 1680 lumens of cool white light (colour 4000k).
- Enhanced 360° detection zone for optimum coverage.
- Detects movement through glass, wooden/plastic doors and partition walls.
- Switches lights ON when presence and motion are detected in combination with light levels (LUX adjustment) pre-set by user.
- Up to 8m diameter detection range for motion detection at 2.5m mounting height.
- User-friendly adjustment for: Time ON: 5 seconds to 30 minutes; Light Level: 5 to 50 lumens.
- Robust polycarbonate lens and housing suitable for industrial, commercial and residential installations.
- IP20 weatherproof rating.



LEDMRQ18 Range



Bezels for LEDMRQ18 Range

**LEDMRQ18WHEMMS** MICROWAVE & EMERGENCY

18W LED Slimline Round Ceiling Light with Microwave Presence Detection – Emergency Version

- 18W LED power.
- 1680 lumens of cool white light (colour 4000k).
- Switchable maintained.
- Emergency 3 hour duration.
- 50% light output in emergency mode.
- Enhanced 360° detection zone for optimum coverage.
- Detects movement through glass, wooden/plastic doors and partition walls.
- Switches lights ON when presence and motion are detected in combination with light levels (LUX adjustment) pre-set by user.
- Up to 8m diameter detection range for motion detection at 2.5m mounting height.
- User-friendly adjustment for: Time ON: 5 seconds to 30 minutes; Light Level: 5 to 50 lumens.
- Robust polycarbonate lens and housing suitable for industrial, commercial and residential installations.
- IP20 weatherproof rating.

**LEDMRQ18BZWH**

Shallow Bezel for 18W LED Slimline Round Ceiling Light – White

**LEDMRQ18BZS**

Shallow Bezel for 18W LED Slimline Round Ceiling Light – Silver

- Optional shallow clip-on bezels.
- Simply click on to fit.

**LEDMRQ18BZWHD**

Deep Bezel for 18W LED Slimline Round Ceiling Light – White

**LEDMRQ18BZSD**

Deep Bezel for 18W LED Slimline Round Ceiling Light – Silver

- Optional deep clip-on bezels.
- Simply click on to fit.



See page 85 for product specifications.



All these products carry a 3 year guarantee.



**A range of LED IP20 internal ceiling lights with plug and play connection for ease of installation.**

Slimline design with optional 'shallow' or 'deep' clip-on bezels, available in four versions – Mains, Emergency, Microwave and Microwave Emergency. Ideal for industrial, commercial and residential applications.

**Product Features**



Four interchangeable bezels – shallow or deep, white or silver.



Surface mount wall plate with quick and easy, screwless terminal block connection.



Green LED emergency light – 752 lumens.



Quick and simple adjustment of 'Time ON', 'Light Level (LUX)' and 'Sensitivity' control settings.



LEDLRIP18WH

LEDLRIP18WHEM

LEDLRIP18WHMS

**LEDLRIP18WH**

**MAINS**

18W LED IP65 Round Ceiling Light

A range of IP65 Round Ceiling Lights with gear tray and 'Twist and Turn' diffusers for ease of installation. The perfect partners for outdoor installations available in three versions – Mains, Emergency and Microwave.

- 18W LED power.
- 1100 lumens of cool white light (colour 4000k).
- Wide light diffusion pattern for optimum area coverage.
- Hinged gear tray.
- Twist and lock diffuser.
- 30,000 hour life.
- Robust polycarbonate lens and housing suitable for industrial, commercial and residential installations.
- IP65 weatherproof rating.

**LEDLRIP18WHEM**

**EMERGENCY**

18W LED IP65 Round Ceiling Light – Emergency Version

- High output LED.
- 30,000 hour life.
- Twist and lock diffuser.
- 18W LED power.
- 1100 lumens of cool white light (colour 4000k).
- Switchable maintained.
- Emergency 3 hour duration.
- 50% light output in Emergency mode.
- Robust polycarbonate lens and housing suitable for industrial, commercial and residential installations.
- IP65 weatherproof rating.

**LEDLRIP18WHMS**

**MICROWAVE DETECTION**

18W LED IP65 Round Ceiling Light with Microwave Detection

- 18W LED power.
- 1100 lumens of cool white light (colour 4000k).
- Enhanced 360° detection zone for optimum coverage.
- Detects movement through glass, wooden/plastic doors and partition walls.
- Switches lights ON when motion is detected in combination with light levels (LUX adjustment) pre-set by user.
- Up to 8m diameter detection range for motion detection at 2.5m mounting height.
- User-friendly adjustment for: Time ON: 5 seconds to 30 minutes; Light Level: 2 to 50 lumens.
- Robust polycarbonate lens and housing suitable for industrial, commercial and residential installations.
- IP65 weatherproof rating.



See page 85 for product specifications.

Product Features



Robust polycarbonate lens and housing for the toughest of environments. Hinged gear tray for easy access and polycarbonate base with cable entry. Green LED emergency light – 550 lumens. Quick and simple adjustment of 'Time ON', 'Light Level (LUX)' and 'Sensitivity' control settings.



LEDMR18WH/LEDMR18WHMS

LEDS012B

LEDSR12WH/LEDSR12WHMS

**LEDMR18WH**

18W Slimline LED Energy Saver IP44 Round Wall/Ceiling Light – White

- Robust polycarbonate lens and housing suitable for industrial, commercial and home installations.
- Instantly bright like halogens but at a fraction of the running costs.
- 1200 lumens of cool white light (colour 4000k).
- Wide light diffusion pattern for optimum area coverage.
- IP44 weatherproof rating.

**LEDS012B**

12W Slimline LED Energy Saver IP54 Oval Wall/Ceiling Light – Black

- Robust polycarbonate lens and housing suitable for industrial, commercial and home installations.
- Instantly bright like halogens but at a fraction of the running costs.
- 850 lumens of cool white light (colour 4000k).
- IP54 weatherproof rating.

**LEDSR12WH**

12W Slimline LED Energy Saver IP54 Round Wall/Ceiling Light – White

- Robust polycarbonate lens and housing suitable for industrial, commercial and home installations.
- Instantly bright like halogens but at a fraction of the running costs.
- 850 lumens of cool white light (colour 4000k).
- IP54 weatherproof rating.

**LEDMR18WHMS**

**MICROWAVE DETECTION**

Microwave Presence Detection Version – White

- Up to 8m diameter detection range for motion detection at 2.5m mounting height.
- Enhanced 360° detection zone for optimum area coverage.
- Concealed microwave detection technology for instant reaction.
- User-friendly adjustment for – Time ON: 10 seconds to 30 minutes; Light level: 10 to 2000 LUX.

**LEDS012WH**

White Version

**LEDSR12B**

Black Version

**LEDSR12WHMS**

**MICROWAVE DETECTION**

Microwave Presence Detection Version – White

- Up to 8m diameter detection range for motion detection at 2.5m mounting height.
- Enhanced 360° detection zone for optimum area coverage.
- Concealed microwave detection technology for instant reaction.
- User-friendly adjustment for – Time ON: 10 seconds to 30 minutes; Light level: 10 to 2000 LUX.



All these products carry a 3 year guarantee.

Product Features



Super slim profile ideal for industrial, commercial and home applications. Robust polycarbonate lens and housing for the toughest of environments. Quick and simple adjustment of 'Time ON', 'Light Level (LUX)' and 'Sensitivity' control settings. Simple terminal block connection for easy installation.



LEDBHR7W

LEDBHR15W

LEDBHR25W

LEDBH09W

**LEDBHR7W**

7W – 450lm LED Energy Saver Bulkhead Light

- A powerful and energy saving alternative to standard bulkhead lights.
- LED bulkhead lights are instantly bright like halogens but with only 20% of the running costs.
- 7W LED power – instantly bright like halogens but at a fraction of the running costs.
- 450 lumens of cool white light (colour 5000k).
- Wide light diffusion pattern.
- Robust die cast housing with tough polycarbonate lens, suitable for industrial, commercial and home installations.
- Operating temperature -20°C to 40°C.
- IP65 weatherproof rating.

**LEDBHR15W**

15W – 900lm LED Energy Saver Bulkhead Light

- 15W LED power – instantly bright like halogens but at a fraction of the running costs.
- 900 lumens of cool white light (colour 5000k).

**LEDBHR25W**

25W – 1580lm LED Energy Saver Bulkhead Light

- 25W LED power – instantly bright like halogens but at a fraction of the running costs.
- 1580 lumens of cool white light (colour 5000k).

**LEDBH09W**

9W – 530lm LED Energy Saver Bulkhead Light – Oval

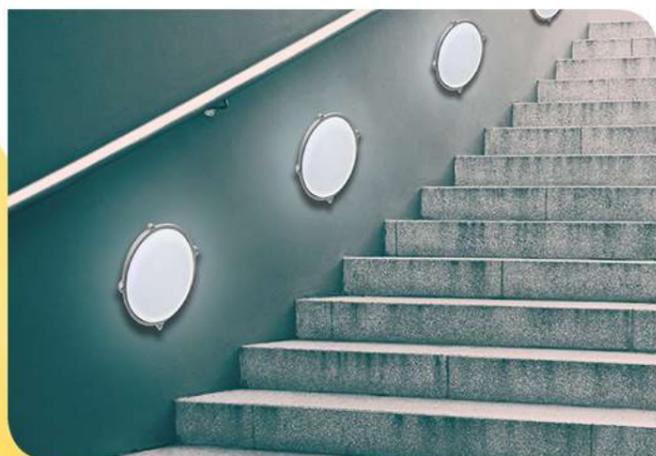
- A powerful and energy saving alternative to standard bulkhead lights.
- LED bulkhead lights are instantly bright like halogens but with only 20% of the running costs.
- 9W LED power – instantly bright like halogens but at a fraction of the running costs.
- 530 lumens of cool white light (colour 5000k).
- Wide light diffusion pattern.
- Robust die cast housing with tough polycarbonate lens suitable for industrial, commercial and home installations.
- Operating temperature -20°C to 40°C.
- IP65 weatherproof rating.



See page 86 for product specifications.

**3 YEAR GUARANTEE INCLUDED**

All these products carry a 3 year guarantee.



**LED Bulkhead Lights**

A powerful and energy saving alternative to standard bulkhead lights.

Instantly bright like halogens but at a fraction of the running costs.

Super-slim die-cast design with a tough exterior, making them ideal for industrial, commercial and home installations.



LEDBH015W

LEDBH025W

LEDBHR25ELB

LEDBHR25CB

**LEDBH015W**

15W – 900lm LED Energy Saver Bulkhead Light – Oval

- 15W LED power – instantly bright like halogens but at a fraction of the running costs.
- 900 lumens of cool white light (colour 5000k).

**LEDBH025W**

25W – 1580lm LED Energy Saver Bulkhead Light – Oval

- 25W LED power – instantly bright like halogens but at a fraction of the running costs.
- 1580 lumens of cool white light (colour 5000k).



**LEDBHR25ELB**

25W – 1100lm LED Energy Saver Eyelid Bulkhead Light – Round

- A powerful and energy saving alternative to standard bulkhead lights.
- Eyelid light diffusion for specific area coverage.
- 25W LED power – instantly bright like halogens but at a fraction of the running costs.
- 1100 lumens of cool white light (colour 5000k).
- Wide light diffusion pattern.
- Robust die cast housing with tough polycarbonate lens suitable for industrial, commercial and home installations.
- IP65 weatherproof rating.
- Long life, low maintenance.
- Supplied with anti-tamper and crosshead screws.

**LEDBHR25CB**

25W – 1800lm LED Energy Saver Cross Bevel Bulkhead Light – Round

- A powerful and energy saving alternative to standard bulkhead lights.
- Cross bezel for extra protection in the harshest of environments.
- 25W LED power – instantly bright like halogens but at a fraction of the running costs.
- 1800 lumens of cool white light (colour 5000k).
- Wide light diffusion pattern.
- Robust die cast housing with tough polycarbonate lens suitable for industrial, commercial and home installations.
- IP65 weatherproof rating.
- Long life, low maintenance.
- Supplied with anti-tamper and crosshead screws.



**Product Features**



Wide light diffusion patterns for optimum area coverage.



Die cast housing with polycarbonate lens for the toughest of environments.



IP65 cable gland and side cable inlet to aid installation.



Anti-tamper and crosshead screws supplied.



LEDDBH020W  
LEDBH010W



LEDBHRE20W  
LEDBHRE10W



LEDBH020GRB  
LEDBH010GRB

**LEDDBH020W**

20W – 1270lm LED Energy Saver Bulkhead Light – Oval

LED Die-Cast Bulkhead Lights offering a range of sizes and interchangeable bezels for specific areas of installation.

This flexible range complements our existing bulkhead range and is a powerful and energy saving alternative to standard bulkhead lights. The super-slim die cast design and tough polycarbonate lens make them ideal for the toughest of environments.

- A powerful and energy saving alternative to standard bulkhead lights.
- 20W LED power – instantly bright like halogens but at a fraction of the running costs.
- 1270 lumens of cool white light (colour 5000k).
- Two interchangeable bezels are available for this product:
  - Eyelid Bezel – Part No. LEDDBH020ELB.
  - Cross Bezel – Part No. LEDDBH020GRB.
- Wide light diffusion pattern.
- Robust die cast housing with tough polycarbonate lens suitable for industrial, commercial and home installations.
- IP65 weatherproof rating.
- Long life, low maintenance.
- Supplied with anti-tamper and crosshead screws.



See page 86 for product specifications.



All these products carry a 3 year guarantee.



Typical example of die cast lights with interchangeable bezels. A choice of rectangular and oval Cross Bezel and Eyelid (horizontal and vertical) designs.

**LEDDBH010W**

10W – 650lm LED Energy Saver Bulkhead Light – Oval

- 10W LED power – equivalent to 650 lumens.
- Two interchangeable bezels are available for this product:
  - Eyelid Bezel – Part No. LEDBH010ELB.
  - Cross Bezel – Part No. LEDBH010GRB.

**LEDBHRE20W**

20W – 1220lm LED Energy Saver Bulkhead Light – Rectangle

- 20W LED power – equivalent to 1220 lumens.
- Three interchangeable bezels are available for this product:
  - Eyelid Bezel (Vertical) – Part No. LEDBHRE20ELBV.
  - Eyelid Bezel (Horizontal) – Part No. LEDBHRE20ELBH.
  - Cross Bezel – Part No. LEDBHRE20GRB.

**LEDBHRE10W**

10W – 700lm LED Energy Saver Bulkhead Light – Rectangle

- 10W LED power – equivalent to 700 lumens.
- Three interchangeable bezels are available for this product:
  - Eyelid Bezel (Vertical) – Part No. LEDBHRE10ELBV.
  - Eyelid Bezel (Horizontal) – Part No. LEDBHRE10ELBH.
  - Cross Bezel – Part No. LEDBHRE10GRB.



LEDBH020ELB  
LEDBH010ELB



LEDBHRE20GRB  
LEDBHRE10GRB



LEDBHRE20ELBV  
LEDBHRE10ELBV

**LEDBH020GRB**

Cross Bezel for 20W LED Oval Bulkhead Light – LEDBH020W

**LEDBH010GRB**

Cross Bezel for 10W version

- Cross bezel for extra protection in the harshest of environments.

**LEDBH020ELB**

Eyelid Bezel for 20W LED Oval Bulkhead Light – LEDBH020W

**LEDBH010ELB**

Eyelid Bezel for 10W version

- Eyelid light diffusion for specific area coverage.

**LEDBHRE20GRB**

Cross Bezel for 20W LED Rectangle Bulkhead Light – LEDBHRE20W

**LEDBHRE10GRB**

Cross Bezel for 10W version

- Cross bezel for extra protection in the harshest of environments.

**LEDBHRE20ELBV**

Eyelid Bezel (Vertical) for 20W LED Rectangle Bulkhead Light – LEDBHRE20W

**LEDBHRE10ELBV**

Eyelid Bezel (Vertical) for 10W version

- Eyelid light diffusion for specific area coverage.

**LEDBHRE20ELBH**

Eyelid Bezel (Horizontal) for 20W LED Rectangle Bulkhead Light – LEDBHRE20W

**LEDBHRE10ELBH**

Eyelid Bezel (Horizontal) for 10W version

- Eyelid light diffusion for specific area coverage.



LEDBHRE20ELBH/LEDBHRE10ELBH

**Product Features**



Super slim profile ideal for industrial, commercial and home applications.



Robust die cast housing for the toughest of environments.



Cross bezel for extra protection in the harshest of environments.



Eyelid light diffusion for specific area coverage.



CLLED44PIRB



CLLED43WH

**CLLED44PIRB**

LED PIR Carriage Lantern – Black (4W LED Candle Lamp included)

- LED Energy Saving PIR carriage lantern.
- Instantly bright like halogens but at a fraction of the running costs.
- 335 lumens of warm white light.
- Light ON time fixed at 100 seconds using PIR.
- Manual ON facility (to override PIR) using pulse supply.
- 150° PIR detector with up to 8m detection range.
- Instant light ON to full brightness.
- LUX (light level) – Day to Night – 30/60.
- IP44 weatherproof rating.
- Simple and quick to fit terminal block connection.

**CLLED45PIRWH**

White Version

Shares all the features and benefits of the CLLED44PIRB but is available in a white finish.



**CLLED43WH**

LED Carriage Lantern – White (4W LED Candle Lamp included)

- LED Energy Saving PIR carriage lantern.
- Instantly bright like halogens but at a fraction of the running costs.
- 335 lumens of warm white light.
- Operating temperature -10°C to +40°C.
- Versatile alternative mounting options.
- Instant light ON to full brightness.
- IP44 weatherproof rating.
- Simple and quick to fit terminal block connection.

**CLLED42B**

Black Version

Shares all the features and benefits of the CLLED43WH but is available in a black finish.



**3 YEAR GUARANTEE INCLUDED**

All these products carry a 3 year guarantee.



**LED Lanterns for versatile outdoor lighting**

A range of decorative outdoor LED Lanterns and Half Lanterns available with PIR switching and matching standalone models.

Units are supplied with a 4W LED candle lamp emitting 335 lumens of warm light, ideal for door entry/exit applications.

Matching slave units have the additional versatility of top or bottom mounting (Full Carriage Lanterns) with up to 5 slaves (using the 4W LED PIR lamp supplied) per PIR connection.



CLLEDH44PIRB



CLLEDH43WH

**CLLEDH44PIRB**

LED PIR Half Carriage Lantern – Black (4W LED Candle Lamp included)

- LED Energy Saving PIR half carriage lantern.
- Instantly bright like halogens but at a fraction of the running costs.
- 335 lumens of warm white light (colour 3200k).
- Sturdy polypropylene construction with a one piece clear polycarbonate lens (optional opal lens also included).
- Light ON time 10 seconds to 8 minutes.
- Manual ON facility (to override PIR) using pulse supply.
- Discreet 150° PIR sensor with up to 5-8m adjustable detection range.
- Instant light ON to full brightness.
- LUX (light level) – Day to Night – 30/60.
- IP44 weatherproof rating.
- Simple and quick to fit terminal block connection.

**CLLEDH45PIRWH**

White Version

Shares all the features and benefits of the CLLEDH44PIRB but is available in a white finish.



**CLLEDH43WH**

LED Half Carriage Lantern – White (4W LED Candle Lamp included)

- LED Energy Saving PIR half carriage lantern.
- Instantly bright like halogens but at a fraction of the running costs.
- 335 lumens of warm white light (colour 3200k).
- Sturdy polypropylene construction with a one piece clear polycarbonate lens (optional opal lens also included).
- Operating temperature -10°C to +40°C.
- Instant light ON to full brightness.
- IP44 weatherproof rating.
- Simple and quick to fit terminal block connection.

**CLLEDH42B**

Black Version

Shares all the features and benefits of the CLLEDH43WH but is available in a black finish.



See page 86 for product specifications.

**Product Features**



**CLLED42B and CLLED43WH**  
Versatile alternative mounting positions.



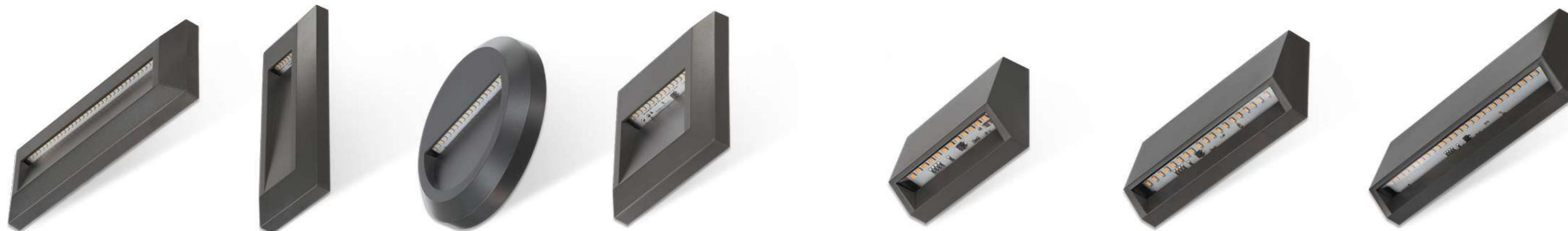
4W LED energy saving lamp included, equivalent to 335 lumens.



PIR sensor detects motion within 150°(8m) detection area.



Simple terminal block connection for easy installation.



LEDSL1DG

LEDSL2DG

LEDSL3DG

LEDSL4DG

LEDSL5DG

LEDSL6DG

LEDSL9DG

**LEDSL1DG**

1.6W Horizontal LED Step Light – Dark Grey

- A powerful and energy saving alternative to standard step lights.
- 1.6W LED power – instantly bright like halogens but at a fraction of the running costs.
- Up to 67 lumens of cool white light (colour 4000K).
- Surface mount for quick and easy installation – no back box required.
- Robust polycarbonate construction suitable for industrial, commercial and home installations.
- IP65 weatherproof rating for indoor and outdoor use.
- LED light emits downwards, ideal for illuminating steps, passageways and corridors or for decorative lighting.
- Double insulated, no earth required.

**LEDSL1WH**

White Version



**LEDSL2DG**

0.8W Vertical LED Step Light – Dark Grey

- 0.8W LED power – instantly bright like halogens but at a fraction of the running costs.
- Up to 20 lumens of cool white light (colour 4000K).
- Surface mount for quick and easy installation – no back box required.
- IP65 weatherproof rating for indoor and outdoor use.
- LED light emits downwards, ideal for illuminating steps, passageways and corridors or for decorative lighting.
- Double insulated, no earth required.

**3 YEAR GUARANTEE INCLUDED**

All these products carry a 3 year guarantee.

**LEDSL3DG**

1.3W Round LED Step Light – Dark Grey

- 1.3W LED power – instantly bright like halogens but at a fraction of the running costs.
- Up to 50 lumens of cool white light (colour 4000K).
- Surface mount for quick and easy installation – no back box required.
- IP65 weatherproof rating for indoor and outdoor use.
- LED light emits downwards, ideal for illuminating steps, passageways and corridors or for decorative lighting.
- Double insulated, no earth required.

**LEDSL3WH**

White Version



**LEDSL4DG**

1.1W Square LED Step Light – Dark Grey

- 1.1W LED power – instantly bright like halogens but at a fraction of the running costs.
- Up to 40 lumens of cool white light (colour 4000K).
- Surface mount for quick and easy installation – no back box required.
- IP65 weatherproof rating for indoor and outdoor use.
- LED light emits downwards, ideal for illuminating steps, passageways and corridors or for decorative lighting.
- Double insulated, no earth required.

**LEDSL4WH**

White Version



**LEDSL5DG**

1.4W Horizontal LED Step Light – Dark Grey

- A powerful and energy saving alternative to standard step lights.
- 1.4W LED power – instantly bright like halogens but at a fraction of the running costs.
- Up to 92 lumens of cool white light (colour 4000K).
- Surface mount for quick and easy installation – no back box required.
- Robust polycarbonate construction suitable for industrial, commercial and home installations.
- IP65 weatherproof rating for indoor and outdoor use.
- LED light emits downwards, ideal for illuminating steps, passageways and corridors or for decorative lighting.
- Double insulated, no earth required.

**LEDSL6DG**

3.0W Horizontal LED Step Light – Dark Grey

Shares all the features and benefits of the LEDSL5DG plus:

- 3.0W LED power – instantly bright like halogens but at a fraction of the running costs.
- Up to 166 lumens of cool white light (colour 4000K).

**LEDSL9DG**

3.8W Horizontal LED Step Light – Dark Grey

Shares all the features and benefits of the LEDSL5DG plus:

- 3.8W LED power – instantly bright like halogens but at a fraction of the running costs.
- Up to 245 lumens of cool white light (colour 4000K).



See page 86 for product specifications.



**Energy Saving LED Step Lights**

A selective and versatile range of LED Step Lights available in a choice of designs and sizes for ease of installation and energy saving light output.

Four shapely designs with varying light outputs up to 245 lumens (cool white light) in a strong polycarbonate IP65 housing.

LED light emits downwards making them ideal for illuminating steps, passageways and corridors or for decorative lighting.

**Installation is quick and easy, with no wall channeling required!**



**Product Features**



High output LEDs emit light downwards to the specific area of use.



IP65 housing ideal for both indoor and outdoor use.



Surface mount wall plate with quick and easy terminal block connection.



UDSS1

UDB2

UDSS3

**UDSS1**  
LED Ready Fixed Single Spotlight – Stainless Steel

- A powerful and energy saving alternative to standard spotlights (when GU10 LED lamps are installed).
- Fixed spotlight direction.
- Stylish design with IP65 weatherproof rating.
- High quality metal Luminaire with superior finish.
- Recommended bulb type: 35W Halogen GU10 or LED equivalent (lamp not supplied).
- Ideal for indoor and outdoor use.
- Temperature range -5°C to 55°C.
- Simple terminal block connection.

**UDB1**  
Black Version

Shares all the features and benefits of the UDSS1 but is available in a black finish.

**UDB2**  
LED Ready Up/Down Light – Black

- A powerful and energy saving alternative to standard spotlights (when GU10 LED lamps are installed).
- Up and down light direction.
- Stylish design with IP65 weatherproof rating.
- High quality metal Luminaire with superior finish.
- Recommended bulb type: 35W Halogen GU10 or LED equivalent (lamp not supplied).
- Ideal for indoor and outdoor use.
- Temperature range -5°C to 55°C.
- Simple terminal block connection.

**UDSS2**  
Stainless Steel Version

Shares all the features and benefits of the UDB2 but is available in a stainless steel finish.

**UDSS3**  
LED Ready Adjustable Single Spotlight – Stainless Steel

- A powerful and energy saving alternative to standard spotlights (when GU10 LED lamps are installed).
- Horizontal and vertical spotlight adjustment for maximum illumination.
- Stylish design with IP65 weatherproof rating.
- High quality metal Luminaire with superior finish.
- Recommended bulb type: 35W Halogen GU10 or LED equivalent (lamp not supplied).
- Ideal for indoor and outdoor use.
- Temperature range -5°C to 55°C.
- Simple terminal block connection.

**UDB3**  
Black Version

Shares all the features and benefits of the UDSS3 but is available in a black finish.



See page 87 for product specifications.



Product Features



**UDB2 and UDSS2**  
Up/Down LED light direction for extra illumination.

**UDSS3 and UDB3**  
Vertical and horizontal spotlight adjustment for maximum illumination.

**UDB1 and UDSS1**  
Fixed spotlight direction on products.

Simple terminal block connection for easy installation.



LEDMF70FLB

LEDMF100FLB

LEDMF150FLB

**LEDMF70FLB**  
70W LED Slimline High Power Floodlight – Black

- Powerful 70W LED energy saving floodlight.
- Easy access rewirable terminals.
- 5840 lumens of neutral white light (colour 4000k).
- Wide beam angle 100°.
- High output LED lighting grid and diffusion lens.
- Cooling fins prevent heat build-up for long product life.
- Compact modern slimline profile.
- Loop in and out access c/w 2x 20mm glands included.
- IP65 weatherproof rating.
- Adjustable mounting bracket.

**LEDMF100FLB**  
100W LED Slimline High Power Floodlight – Black

- Powerful 100W LED energy saving floodlight.
- 8130 lumens of neutral white light (colour 4000k).
- Wide beam angle 100°.
- High output LED lighting grid and diffusion lens.
- Cooling fins prevent heat build-up for long product life.
- Loop in and out access c/w 2x 20mm glands included.
- IP65 weatherproof rating.

**LEDMF150FLB**  
150W LED Slimline High Power Floodlight – Black

- Powerful 150W LED energy saving floodlight.
- 11220 lumens of neutral white light (colour 4000k).
- Wide beam angle 100°.
- High output LED lighting grid and diffusion lens.
- Cooling fins prevent heat build-up for long product life.
- Loop in and out access c/w 2x 20mm glands included.
- IP65 weatherproof rating.

Powerful, effective and economical outdoor LED Floodlights

Instant illumination with substantial energy saving costs for use in a variety of outdoor locations. Ideal for enhancing the security and appearance of commercial buildings, gardens, driveways, outdoor parking areas etc, making them the right choice for environmentally responsible lighting. Ideal replacements for halogen, HID and other floodlights with the benefit of super brightness but at a fraction of the running costs.

All these products carry a 3 year guarantee.

Product Features



High output LED lighting grid and diffusion lens.

Cooling fins prevent heat build-up for long product life.

Simple and quick to fit terminal block connection.

Loop in and out access c/w 2x 20mm glands included.



LED88PIR



LED88



SLB88/SLW89

**LED88PIR**

5W LED Energy Saver PIR Bulkhead Light

- Powerful 5W LED energy saving PIR bulkhead light.
- Compact and robust design.
- Prismatic lens diffuser.
- Light ON times adjustment 5 seconds to 10 minutes.
- Optional mode settings – Dusk to Dawn and Test mode.
- 140° PIR detector with up to 7m detection range.
- LUX (light level) adjustment – Day to Night (2 to 200 LUX – permanently ON when at max.).
- Operating temperature -20°C to +40°C.
- IP55 weatherproof rating.

**LED88**

5W LED Energy Saver Bulkhead Light

- Powerful 5W LED energy saving PIR bulkhead light.
- Compact and robust design.
- Prismatic lens diffuser.
- Operating temperature -20°C to +40°C.
- IP55 weatherproof rating.



See page 87 for product specifications.



All these products carry a 3 year guarantee.

**SLB88**

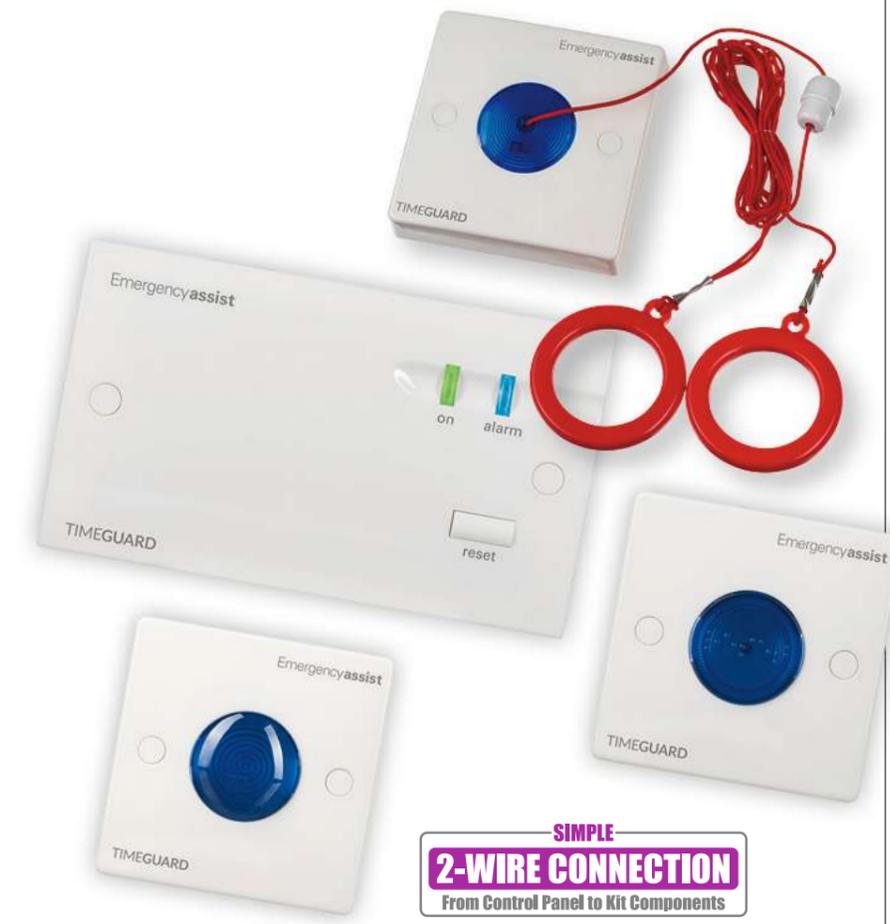
PIR Bulkhead Light – Black

- 500W halogen max. (60W internal lamp max, 440W external lamp max.), 100W Fluorescent max. (15W internal lamp max., 85W external lamp max.), 30W LED max. (including external lamps).
- Bulkhead style light with integral PIR detector.
- 8m range.
- 110° detection area.
- Adjustable light ON times and light level control.
- IP44 weatherproof rating.
- Adjustable 2 Seconds – 30 minutes time setting.
- Lamp not included.

**SLW89**

White Version

# What's NEW!



**SIMPLE 2-WIRE CONNECTION**  
From Control Panel to Kit Components

## Safety Section

A powerful range of indoor and outdoor power products designed with safety and security in mind, offering maximum flexibility and safety to the user in all types of environments.

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# Safe & Sound

with the new Emergency Assist Alarm Kit

The new all in one single zone control panel kit from Timeguard for areas where an emergency call for assistance may be required. Ideal for the home, shop conversions & small business installations.

- Suitable for use where assistance may be required in WC areas, changing rooms, bedrooms etc.
- Each kit includes:
  - 1x Single Zone Control Panel – 2 gang.
  - 1x Reset Button – Single gang.
  - 1x Over Door Light – Single gang.
  - 1x Pull Cord.
  - 1x Disabled Sticker.
- Simple 2 wire connection from control panel to kit components.
- Slimline design.
- Control panel features audible and visual alerts.
- Illuminated over door light with audio output.
- Pull cord comes with ceiling mounted housing and 2m cord.



## Emergency Assist Alarm Kit

Only available as a complete kit – everything you need for a hassle-free installation is included.

Two-core polarity-free wiring between components make installation even easier!

See page 67.



### LED Upgrade

We have upgraded our popular SLB88 and SLW89 Bulkhead Lights to a 30W LED rating making them ideal for energy saving applications.





**Active BLUE BUTTON**  
TFA01W

**TFA01W** **BLUE**  
Tripfast RCD Single White Socket – Active

Single socket RCD circuit breaker simply replaces an existing single socket outlet. The contacts break when power supply is temporarily lost.

- Protects appliances from possible fire hazard.
- Manual reset.
- Extra fast action – trips out within 40 milliseconds (BS7288).
- Automatically disconnects both Live and Neutral connections leaving Earth connection intact.
- Trips out when the power supply is temporarily lost. A safety must for machine tool applications.
- Test button for safety checks.
- Still protects with lost Neutral.
- Still protects with pulsating DC earth fault currents.
- Complies with BS7288 and BS1363.

**TFP02WL** **GREY**  
Passive Version

Shares all the features and benefits of the TFA01W but it will remain latched if the supply is temporarily lost.



**Passive GREY BUTTON**  
TFP04ML

**TFA03M** **BLUE**  
Tripfast RCD Single Metal Socket – Active

Shares all the features and benefits of the TFA01W and is a single socket metal RCD circuit breaker. Its strong metal construction is ideal for use in factories and other industrial environments where protection against shock and fire hazard is essential.

- Supplied with a 40mm BS metal surface wall box.

**TFP04ML** **GREY**  
Passive Version

Shares the same specifications as the TFA03M but is latching (power is immediately restored to the appliance/equipment at the end of a power failure).

- Supplied with a 40mm BS metal surface wall box.



See page 88 for product specifications.



**Passive GREY BUTTON**  
TFP10WL

**TFP10WL** **GREY**  
Tripfast RCD White Fused Connection Unit – Passive

RCD Fused Connection Unit gives additional protection against electric shocks and fire risk. The unit will remain latched if the power supply is tripped.

- Provides additional protection against the dangers of electrocution.
- Eliminates the need for plug-in residual current circuit breakers.
- Protects appliances from possible fire hazard.
- Extra fast action – trips out within 40 milliseconds (BS7288).
- Latching for continuous operation after supply interruption.
- Disconnects both Live and Neutral connections leaving Earth connection intact.
- Test button for safety checks.
- Complies with BS7288.



All these products carry a 3 year guarantee.



**Active BLUE BUTTON**  
TFA05W

**TFA05W** **BLUE**  
Tripfast RCD Double White Socket – Active

Double socket RCD circuit breaker has all the features and benefits of the TFA01W but provides two switched socket outlets.

- Protects appliances from possible fire hazard.
- Manual reset.
- Extra fast action – trips out within 40 milliseconds (BS7288).
- Automatically disconnects both Live and Neutral connections leaving Earth connection intact.
- Trips out when the power supply is temporarily lost. A safety must for machine tool applications.
- Test button for safety checks.
- Still protects with lost Neutral.
- Still protects with pulsating DC earth fault currents.
- Complies with BS7288 and BS1363.

**TFP06WL** **GREY**  
Passive Version

Shares all the features and benefits of the TFA05W with the addition of latching (power is immediately restored to the appliance/equipment at the end of a power failure) and replaces an existing double socket unit.

- Remains latched when the power supply is temporarily lost.



**Passive GREY BUTTON**  
TFP08ML

**TFA07M** **BLUE**  
Tripfast RCD Double Metal Socket – Active

Double socket RCD metal circuit breaker has all the features and benefits of the TFA03M but provides two switched socket outlets.

- Supplied with a 40mm BS metal surface wall box.

**TFP08ML** **GREY**  
Passive Version

Shares the same specifications as the TFA07M but is latching (power is immediately restored to the appliance/equipment at the end of a power failure).

- Supplied with a 40mm BS metal surface wall box.



Take advantage of our amazing price deals on a range backed by Timeguard's 3 year guarantee.  
**For quantity and pricing deals contact your local sales manager or the sales office direct number 020 8452 1112.**



**TRIPFAST**  
Quality and Quantity

Timeguard's bulk purchase range of 'Tripfast' RCDs. Choose and order from our range of single & twin RCD socket outlets fully conforming to BS7288 and BS1363 and supplied in 6 pack display cartons.



**CB008** **BLUE**  
Safety Breaker RCD Adaptor

RCD plug-in adaptor detects dangerous earth leakages and automatically disconnects both live and neutral connections (double pole) leaving the earth connection intact.

- Provides additional protection from electric shocks.
- Extra fast action – trips out within 40 milliseconds (BS7071).
- Trips out when the power supply is temporarily lost. A safety must for all power tools, lawnmower and hedge trimmers.
- Automatically disconnects both Live and Neutral connections leaving Earth connection intact.



**Active BLUE BUTTON**  
CB008



**Active BLUE BUTTON**  
RCD05WAV

**RCD05WAV** **BLUE**  
Valiance® RCD Twin White Socket – Active

Twin socket RCD circuit breaker simply replaces an existing twin socket providing two protected switched socket outlets. The contacts break when power supply is temporarily lost.

- Protects appliances from possible fire hazard.
- Manual reset and test button for safety checks.
- Extra fast action – trips out within 40 milliseconds (BS7288).
- Automatically disconnects both Live and Neutral connections leaving Earth connection intact.
- Trips out when the power supply is temporarily lost. A safety must for machine tool applications.
- Still protects with lost Neutral.
- Still protects with pulsating DC earth fault currents.
- Complies with BS7288 and BS1363.

**RCD06WPV** **GREY**  
Valiance® RCD Twin White Socket – Passive

Shares all the features and benefits of the RCD05WAV but remains latched when the power supply is temporarily lost.



**Passive GREY BUTTON**  
RCD16ML



**Active BLUE BUTTON**  
RCD07MAV

**RCD07MAV** **BLUE**  
Valiance® RCD Twin Metal Socket – Active

Twin socket RCD circuit breaker with strong metal construction, ideal for use in factories and other industrial environments where protection against shock and fire hazard is essential.

- Supplied with a 40mm BS metal surface wall box.
- Provides two protected switched socket outlets for convenience and extra safety.
- Manual reset and test button for safety checks.
- Extra fast action – trips out within 40 milliseconds (BS7288).
- Automatically disconnects both Live and Neutral connections leaving Earth connection intact.
- Trips out when the power supply is temporarily lost. A safety must for machine tool applications.
- Still protects with lost Neutral.
- Still protects with pulsating DC earth fault currents.
- Complies with BS7288 and BS1363.
- Supplied with a 40mm BS metal surface wall box.

**RCD08MPV** **GREY**  
Valiance® RCD Twin Metal Socket – Passive

Shares all the features and benefits of the RCD07MAV but remains latched when the power supply is temporarily lost.

**RCD16ML** **GREY**  
RCD Metal Fused Connection Unit – Passive

Shares all the features and benefits of the RCD10WPV but in metal, supplied with a 40mm BS metal surface wall box.

**5 YEAR GUARANTEE INCLUDED**  
All Valiance products carry a 5 year guarantee.



**Passive GREY BUTTON**  
RCD10WPV

**RCD10WPV** **GREY**  
Valiance® RCD White Fused Connection Unit – Passive

RCD Fused Connection Unit for additional protection against electric shocks and fire risk. The unit will remain latched if the power supply is tripped.

- Provides additional protection against the dangers of electrocution.
- Eliminates the need for plug-in residual current circuit breakers.
- Protects appliances from possible fire hazard.
- Extra fast action – trips out within 40 milliseconds (BS7288).
- Latching for continuous operation after supply interruption.
- Disconnects both Live and Neutral connections leaving Earth connection intact.
- Complies with BS7288.



**WEATHERSAFE IP66 RATING**  
TGV101N

**TGV101N**  
Weathersafe Vision Single Gang 13A Switched Socket

The safest way to take power outdoors. There is no need for running extension cables outside as it features a fully IP66 weatherproof casing with a see-through clear plastic cover and a highly visible power ON indicator. It can be safely used with the lid closed, keeping you fully aware of the power status to your lawnmower, power tool or other appliance.

- Weathersafe 'Vision' see-through clear plastic cover.
- Single gang switched socket – suitable for all 13 amp BS plugs.
- Lockable cover facility.
- Impact resistant housing.
- Easy release lid catch.
- Multiple M20 threaded screw-outs.
- Power 'ON' neon indicator clearly visible when lid closed.
- Spacious design allowing full closure of lid with plug in position.
- Complies with BS1363.
- IP66 weatherproof rating.



On all selected products.

**FSTWIFITGV**   
Wi-Fi Controlled IP66 Fused Spur

- Available for Android and iOS only, works with Wi-Fi and 4G.
- Supports multiple devices and multiple users.
- Can reduce running costs if unwanted programmes are cancelled.
- Operating voltage 230V 50Hz.
- 13A rated suitable for 3kW:
  - Immersion heaters.
  - 5A inductive load.
  - 1000W tungsten.
  - 500W LED.
  - 100W CFL.
  - 500W Fluorescent.
- Manual override.
- Replaceable 13 Amp BS1362 fuse.
- Item pre-fitted into IP66 enclosure.
- Double pole isolating switch.
- Operating temperature 0 to 40°C.

**ES**  
Available on the App Store  
Available on Google play

**Wi-Fi Controlled**  
**LEDs UP TO 500W**  
**WEATHERSAFE IP66 RATING**



**WEATHERSAFE IP66 RATING**  
TGV103N

**TGV103N**  
Weathersafe Vision Single Gang 13A Fused Spur

Weathersafe Vision Fused Spur to control pond pumps, fountains and other permanent outdoor installations. As well as an ON/OFF switch it is fitted with a 13A fuse link and complies with BS1363.

- Weathersafe 'Vision' see-through clear plastic cover.
- Fitted with 13A fuse link.
- Lockable cover facility.
- Impact resistant housing.
- Easy release lid catch.
- Multiple M20 threaded screw-outs.
- Power 'ON' neon indicator showing switch status.
- Complies with BS1363.
- IP66 weatherproof rating.



YouTube support available on this product.

See pages 88 – 89 for product specifications.



All Weathersafe products carry a 3 year guarantee.



FSTWIFITGV



WEATHERSAFE  
**IP66**  
RATING

TGV104N

Passive  
**GREY**  
BUTTON

WEATHERSAFE  
**IP66**  
RATING

**TGV104N**

**GREY**

**Weathersafe Vision Single Gang 13A RCD Fused Spur**

Weathersafe Vision RCD Fused Spur gives additional protection against electric shocks and fire risk. The unit will remain latched if the power supply is tripped.

- New Dual Flag Technology provides added protection against the risks of electrocution.
- Weathersafe 'Vision' see-through clear plastic cover.
- Extra fast action – trips out within 40 milliseconds (BS7288).
- Contacts remain latched when power supply is temporarily lost.
- Lockable cover facility.
- Impact resistant housing.
- Easy release lid catch.
- Multiple M20 threaded screw-outs.
- Test and reset buttons for safety checks.
- Status flag indicator.
- Complies to BS 7288:2016 and BS1363-4.
- IP66 weatherproof rating.



TGV201N

**TGV201N**

**Weathersafe Vision Twin Gang 13A Switched Socket**

Weathersafe Vision Twin Gang Switched Socket shares all the features and benefits of the TGV101 plus it has two switched sockets, with individual power ON indicators.

- Weathersafe 'Vision' see-through clear plastic cover.
- Twin gang switched socket – suitable for all 13 amp BS plugs.
- Lockable cover facility.
- Impact resistant housing.
- Easy release lid catch.
- Multiple M20 threaded screw-outs.
- Power 'ON' neon indicators clearly visible when lid closed.
- Spacious design allows full closure of lid with plug in position.
- Complies with BS1363.
- IP66 weatherproof rating.



See page 89 for product specifications.



WEATHERSAFE  
**IP66**  
RATING

TGV204N

Passive  
**GREY**  
BUTTON

WEATHERSAFE  
**IP66**  
RATING

**TGV204N**

**GREY**

**Weathersafe Vision Twin Gang 13A Switched RCD Socket – Passive**

Weathersafe Vision Switched RCD Socket gives additional protection against the risk of electric shocks at home and in the garden. Ideal for use with lawnmowers, hedge trimmers etc.

- Weathersafe 'Vision' see-through clear plastic cover.
- Extra fast action – trips out within 40 milliseconds (BS7288).
- Contacts remain latched when power supply is temporarily lost.
- Impact resistant housing.
- Easy release lid catch.
- Multiple M20 threaded screw-outs.
- Test and reset buttons for safety checks.
- Status flag indicator.
- Spacious design allows full closure of lid with plug in position.
- Suitable for all 13 amp BS plugs.
- Complies with BS7288 and BS1363.
- IP66 weatherproof rating.



All these products carry a 3 year guarantee.



TGV205N

Active  
**BLUE**  
BUTTON

**TGV205N**

**BLUE**

**Weathersafe Vision Twin Gang 13A Switched RCD Socket – Active**

Shares all the features of the TGV204N but contacts break when power supply is temporarily lost.

- Weathersafe 'Vision' see-through clear plastic cover.
- Extra fast action – trips out within 40 milliseconds (BS7288).
- Automatically disconnects both Live and Neutral connections leaving Earth connection intact.
- Trips out when the power supply is temporarily lost. A safety must for machine tool applications.
- Impact resistant housing.
- Easy release lid catch.
- Multiple M20 threaded screw-outs.
- Test and reset buttons for safety checks.
- Status flag indicator.
- Spacious design allows full closure of lid with plug in position.
- Suitable for all 13 amp BS plugs.
- Complies with BS7288 and BS1363.
- IP66 weatherproof rating.



**Weathersafe**  
VISION

This innovative range of outdoor power sockets and switches offer IP66 protection against the elements of dust and rain, splashing water, hose directed water and ice formations and are therefore more than equal to UK weather conditions.

Designed with safety and security in mind, Weathersafe outdoor power products are the safest way to take and use power outside with IP66 lid closure protecting the user.

Weathersafe Vision will accommodate all UK plugs with the lid closing fully. This totally encloses and protects the plugs.

The added bonus of a lockable lid safeguards against unauthorised opening and tampering.

**Product Features**



Weathersafe Vision – clear see-through durable cover.



Locking feature for security against tampering and energy theft.



Simple click to close, pull to open catches.



Multiple M20 screw-outs.



WEATHERSAFE  
IP66  
RATING

TGVL01/TGVL03/TGVL05

**TGVL01**

Weathersafe Single Gang 2-Way Switch (SP)

- 10AX (fluorescent rated).
- Backlit neon illuminates switch for dark areas.
- Complies with BSEN60669.
- Multiple 20mm knock outs.
- IP66 weatherproof rating.

**TGVL03**

Weathersafe Single Gang Bell Push Switch (SP)

- 10AX (fluorescent rated).



WEATHERSAFE  
IP66  
RATING

TGVL02

**TGVL02**

Weathersafe Twin Gang 2-Way Switch (SP)

- 10AX (fluorescent rated).
- Backlit neon illuminates switch for dark areas.
- Complies with BSEN60669.
- Multiple 20mm knock outs.
- IP66 weatherproof rating.

**TGVL05**

Weathersafe Single Gang Switch (DP)

- 20AX (fluorescent rated).



See pages 90 – 91 for product specifications.



WEATHERSAFE  
IP66  
RATING

WXT101N

**WXT101N**

Weathersafe Extreme Single Gang 13A Switched Socket

The safest way to take power outdoors. There is no need for running extension cables outside as it features a fully IP66 weatherproof casing. The WXT101N and all the extreme range feature an impact resistant solid ribbed lid. The IP66 protective housing has multiple replaceable cable outlets and is suitable for all BS 13A plugs.

- Weathersafe 'Extreme' impact resistant solid ribbed lid.
- Single gang switched socket – suitable for all 13 amp BS plugs.
- Lockable cover facility.
- Impact resistant housing.
- Easy release lid catch.
- Multiple M20 threaded screw-outs.
- Power 'ON' neon indicator showing switch status.
- Spacious design allowing full closure of lid with plug in position.
- Complies with BS1363.
- IP66 weatherproof rating.



WEATHERSAFE  
IP66  
RATING

WXT103N

**WXT103N**

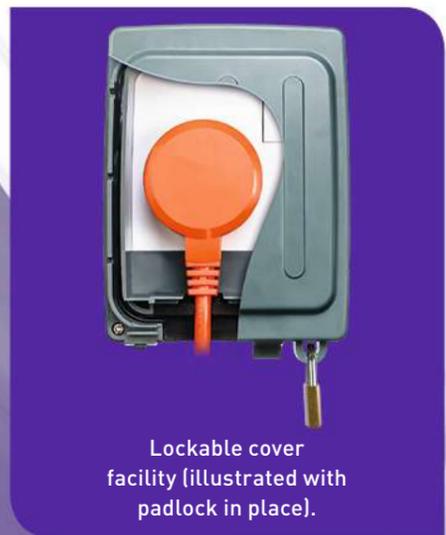
Weathersafe Extreme Single Gang 13A Fused Spur

Weathersafe Extreme Fused Spur to control pond pumps, fountains and other permanent outdoor installations. As well as an ON/OFF switch it is fitted with a 13A fuse link and complies with BS1363.

- Weathersafe 'Extreme' impact resistant solid ribbed lid.
- Fitted with 13A fuse link.
- Power 'ON' neon indicator showing switch status.
- Easy release lid catch.
- Multiple M20 threaded screw-outs.
- Lockable cover facility.
- Complies with BS1363.
- IP66 weatherproof rating.



All these products carry a 3 year guarantee.



Lockable cover facility (illustrated with padlock in place).



**Be Extremely Safe!**

Approximately 1000 accidents involving electric shocks at work happen every year, around 30 of which are fatal.

Even non-fatal shocks can cause severe or permanent injury.

Whenever sockets and switches are installed outside or in public spaces, extra protection is called for to ensure the installation is reliable, electrically safe and secure against vandalism and theft.

The Timeguard Vision range of outdoor sockets and switches cover all three areas of concern, providing all the reassurance that you need.

sales office 020 8452 1112 fax 020 8450 0635 TIMEGUARD

**Application Options**

Weathersafe Extreme and Vision outdoor sockets are the safe way to take power outside. In addition to providing protection when using gardening equipment they are essential for all areas where electric equipment is used outdoors.

1



2



3



TIMEGUARD

email [csc@timeguard.com](mailto:csc@timeguard.com) visit our website [timeguard.com](http://timeguard.com)



WXT104N

WEATHERSAFE  
**IP66**  
RATING

Passive  
**GREY**  
BUTTON

WEATHERSAFE  
**IP66**  
RATING

**WXT104N**

**GREY**

**Weathersafe Extreme Single Gang 13A RCD Fused Spur**

Weathersafe RCD Fused Spur gives additional protection against electric shocks and fire risk. The unit will remain latched if the power supply is tripped.

- New Dual Flag Technology provides added protection against the risks of electrocution.
- Weathersafe 'Extreme' impact resistant solid ribbed lid.
- Extra fast action – trips out within 40 milliseconds (BS7288).
- Contacts remain latched when power supply is temporarily lost.
- Multiple M20 threaded screw-outs.
- Lockable cover facility.
- Test and reset buttons for safety checks.
- Status flag indicator.
- Complies to BS 7288:2016 and BS1363-4.
- IP66 weatherproof rating.



WXT201N

WEATHERSAFE  
**IP66**  
RATING

**WXT201N**

**Weathersafe Extreme Twin Gang 13A Switched Socket**

Weathersafe Twin Gang Switched Socket shares all the features and benefits of the single gang socket (WXT101N) plus it has two switched sockets, with individual power ON indicators.

- Weathersafe 'Extreme' impact resistant solid ribbed lid.
- Twin gang switched socket – suitable for all 13 amp BS plugs.
- Lockable cover facility.
- Impact resistant housing.
- Easy release lid catch.
- Multiple M20 threaded screw-outs.
- Power 'ON' neon indicator showing switch status.
- Spacious design allowing full closure of lid with plug in position.
- Complies with BS1363.
- IP66 weatherproof rating.



WXT204N

WEATHERSAFE  
**IP66**  
RATING

Passive  
**GREY**  
BUTTON

WEATHERSAFE  
**IP66**  
RATING

**WXT204N**

**GREY**

**Weathersafe Vision Twin Gang 13A Switched RCD Socket – Passive**

Weathersafe Extreme Switched RCD Socket gives additional protection against the risk of electric shocks at home and in the garden. Ideal for use with lawnmowers, hedge trimmers etc.

- Weathersafe 'Extreme' impact resistant solid ribbed lid.
- Extra fast action – trips out within 40 milliseconds (BS7288).
- Contacts remain latched when power supply is temporarily lost.
- Impact resistant housing.
- Easy release lid catch.
- Multiple M20 threaded screw-outs.
- Test and reset buttons for safety checks.
- Status flag indicator.
- Spacious design allowing full closure of lid with plug in position.
- Suitable for all 13 amp BS plugs.
- Complies with BS7288 and BS1363.
- IP66 weatherproof rating.



WXT205N

Active  
**BLUE**  
BUTTON

**WXT205N**

**BLUE**

**Weathersafe Vision Twin Gang 13A Switched RCD Socket – Active**

Shares all the features of the WXT204N but contacts break when power supply is temporarily lost.

- Weathersafe 'Extreme' impact resistant solid ribbed lid.
- Extra fast action – trips out within 40 milliseconds (BS7288).
- Automatically disconnects both Live and Neutral connections leaving Earth connection intact.
- Trips out when the power supply is temporarily lost. A safety must for machine tool applications.
- Impact resistant housing.
- Easy release lid catch.
- Multiple M20 threaded screw-outs.
- Test and reset buttons for safety checks.
- Status flag indicator.
- Spacious design allowing full closure of lid with plug in position.
- Suitable for all 13 amp BS plugs.
- Complies with BS7288 and BS1363.
- IP66 weatherproof rating.

**3 YEAR  
GUARANTEE  
INCLUDED**

All these products carry a 3 year guarantee.

See page 90 for product specifications.



**Weathersafe  
Extreme**

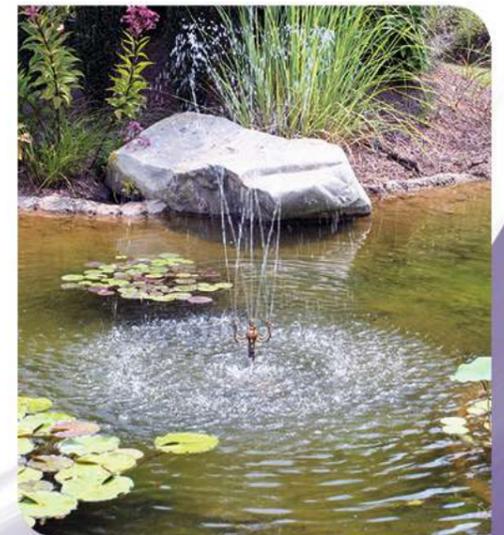
**Keep Safe Outside**

The tough impact resistant polycarbonate housing means you can expect years of good service from even the toughest environments where the occasional impact is only to be expected.



There is simply no more need to trail an outdoor cable through to an indoor socket, leaving a door or window open. When using various garden equipment it is just a simple matter of opening the lid, unplugging one piece of equipment and replacing it with another – use the double gang versions and you don't even need to do that.

**Remember... there's no more need for that indoor lead!**





WEATHERSAFE  
**IP65**  
RATING

WP401



WEATHERSAFE  
**IP66**  
RATING



WPM02

WPM01

**WP401**

**Outdoor Multi-Connector Box**

Comes complete with a 4 way, 13 amp socket strip providing the ideal solution for outdoor plug-in power. Ideal for transformer linked garden lighting, fountain pumps, pool filters etc.

- Tough and durable housing.
- 4 gang 13A socket strip included (cable and plug not supplied).
- 1x 20mm cable knock out (mains into socket strip).
- Up to 5x cable seal outlets (to appliances).
- IP65 weatherproof rating.
- Keyhole slot for temporary locating and in-situ alignment.
- Size: 335mm (H) x 220mm (W) x 107mm (D).

**WPM02**

**Outdoor Power Connect-2 Mini Box**

This compact 2-way mini-box is an ideal addition to the larger WP401. Using the Timeguard ETU17 timer it is ideal for garden and festive outdoor lighting. It has tough durable housing and IP66 weatherproof rating.

- Tough and durable housing.
- 2 gang, 13A socket strip included (cable and plug not supplied).
- Multiple appliance cable outlets.
- Spacious design suitable for all 13 amp BS plugs and selective timers.
- Ideal for transformer linked garden lighting and other outdoor appliances.
- IP66 weatherproof rating.
- Keyhole slot for temporary locating and in-situ alignment.
- Size: 230mm (H) x 156mm (W) x 107mm (D).

**WPM01**

**Ground Spike for use with WPM02**

- Allows free standing garden mounting.



On all selected products.



POWERSEAL  
**IP55**  
RATING  
- SOCKETS -  
www.timeguard.com

TPS101



POWERSEAL  
**IP55**  
RATING  
- SOCKETS -  
www.timeguard.com

TPS201

**TPS101**

**Outdoor Single Gang Socket**

Single gang IP55 outdoor socket with spring back socket lid cover. Ideal for most outdoor power needs including power for deck areas, power tools, electric BBQs, lawnmowers and strimmers.

- 13 amp single gang socket.
- 5x 20mm knock out cable entries (bottom entry supplied with cut to size grommet).
- 2x earth terminals in back box.
- Complies with BS1363.
- IP55 weatherproof rating (when lid closed).
- Impact resistant housing.
- Spring back socket lid cover.
- Suitable for all BS 13 amp plugs.

**TPS201**

**Outdoor Twin Gang Socket**

Shares all the features and benefits of the TPS101 plus another 13A socket.

- 13 amp twin gang socket.
- 8x 20mm knock-out cable entries (bottom 2 entries supplied with cut to size grommet).
- 2x earth terminals in back box.
- Complies with BS1363.
- IP55 weatherproof rating (when lid closed).
- Impact resistant housing.
- Spring back socket lid covers.
- Suitable for all BS 13 amp plugs.



All these products carry a 3 year guarantee.



See pages 91 - 92 for product specifications.



**Weathersafe Outdoor Multi-Connector Boxes**

Timeguard's WP401 and WPM02 come complete with a 13A socket strip providing the ideal solution for outdoor plug-in power. Ideal for transformer linked garden lighting, fountain pumps, pool filters etc.

WP401 shown with ETU17 for timing applications.



A weatherproof range of sockets and switches ideally suited to meet your outdoor power needs.

This range includes single and twin gang sockets to IP55.

The twin socket has individual covers to protect the second socket when not in use.





POWERSEAL  
IP55  
RATING  
SOCKETS  
When Lid Closed

TPS203

**TPS203**  
Outdoor Twin Gang Combined 13A Socket and 20A DP Switch

Dual purpose 13A socket outlet and separate 20A DP switch for control of lights, pond pumps, fountains and other permanent features.

- 13 amp single gang socket.
- 20AX (fluorescent rated) single gang DP switch.
- 8x 20mm knock-out cable entries (bottom entry supplied with cut to size grommet).
- 2x earth terminals in back box.
- Complies with BS1363 & EN60669.
- IP55 weatherproof rating when lid closed.
- Impact resistant housing.
- Spring back socket lid cover.
- Suitable for all BS 13 amp plugs.



See pages 91 – 92 for product specifications.



POWERSEAL  
IP55  
RATING  
When Lid Closed

TPS401

**TPS401**  
Multi-Box with 4-Gang Socket Strip and Hinged Lid

- Hinged lid for quick and easy access outdoor power.
- Suitable for 13 amp plugs and selective timers.
- Spacious design allowing for transformer storage.
- Allows up to 4x appliance outlets.
- 5x cable seal outlets.
- Fully weatherproof to IP55 rating.
- 4 way socket strip included (cable and plug not supplied).
- Tough and durable reinforced plastic lid and housing.
- Lockable cover facility.
- Ideal for transformer linked garden lighting and other outdoor appliances.



**ENERGY SAVING TIMEGUARD**

On all selected products.



WEATHERSAFE  
IP68  
RATING

WXT68IL16

**WXT68IL16**  
In-Line IP68 Connector – 16A

A range of IP68 Outdoor Connectors and junction boxes to assist with outdoor cable and power installations. The WXT68IL16 is a 16A in-line connector with easy hand screw locking nuts and accessible connector tightening points. Complete with IP68 seals and gaskets.

- 16A rating.
- 3 pole connectors.
- Selection of seals for cable entry.
- Easy hand screw locking nuts.
- IP68 weatherproof protection.
- Robust nylon housing.



All these products carry a 3 year guarantee.



WEATHERSAFE  
IP68  
RATING

WXT68IL20

**WXT68IL20**  
In-Line IP68 Connector – 20A

20A in-line connector with easy hand screw locking nuts and accessible connector tightening points. Complete with IP68 seals and gaskets.

- 20A rating.
- 3 pole connectors.
- Selection of seals for cable entry.
- Easy hand screw locking nuts.
- IP68 weatherproof protection.
- Robust nylon housing.



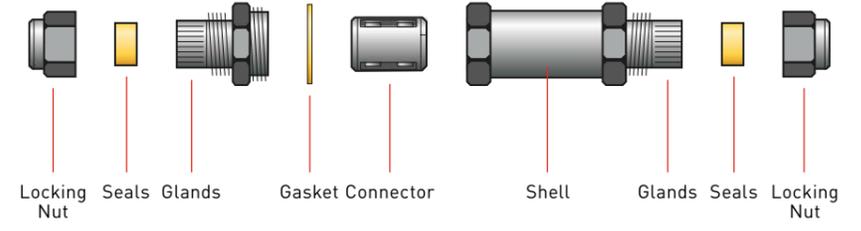
WEATHERSAFE  
IP68  
RATING

WXT68JB25

**WXT68JB25**  
IP68 Junction Box – 25A

25A junction box with easy hand screw locking nuts and accessible connector tightening points. Complete with IP68 seals and gaskets.

- 25A rating.
- 3 or 5 pole connectors.
- Selection of seals for cable entry.
- Easy hand screw locking nuts.
- IP68 weatherproof protection.
- Robust nylon housing.



TPSL01/TPSL03/TPSL04

POWERSEAL  
IP55  
RATING  
SWITCHES  
When Lid Closed

**TPSL01**  
Outdoor Single Gang Switch

- 10AX (fluorescent rated) single gang SP 2-way.
- 5x 20mm cable entries (bottom entry supplied with cut to size grommet).
- 2x earth terminals in back box.
- Complies with EN60669.
- IP55 weatherproof rating (when lid closed).
- Impact resistant housing.

**TPSL02**  
Outdoor Twin Gang Switch

- 10AX (fluorescent rated) twin gang SP 2-way (common live).

**TPSL03**  
Outdoor Single Gang Bell Push

- 10AX (fluorescent rated) single gang SP 1-way.
- Push to make bell.

**TPSL04**  
Outdoor Single Gang 20A DP Switch

- 20AX (fluorescent rated) single gang DP switch.

**Weathersafe Outdoor IP68 Connectors**

A selection of IP68 outdoor power connectors designed to connect cable runs safely in outdoor installations. Ideal for extending cable runs when installing Weathersafe power sockets. Range includes in-line connectors, 'T' connector and junction box, supplied with various seal sizes for differing cable entry.

**WXT68T20**  
IP68 'T' Connector – 20A

20A 'T' connector with easy hand screw locking nuts and accessible connector tightening points. Complete with IP68 seals and gaskets.

- 20A rating.
- 3 pole connectors.
- Selection of seals for cable entry.
- Easy hand screw locking nuts.
- IP68 weatherproof protection.
- Robust nylon housing.



WEATHERSAFE  
IP68  
RATING

WXT68T20



IS3N-20/IS4N-20      IS3N-32/IS4N-32      IP65 IS4N-63      IP65 IS4N-100

**IS3N-20**

Weathersafe Rotary Isolator Switch – 3 Pole 20A

- Three pole 20A switch.
- Solid Neutral.
- On load switch disconnectors.
- To BS EN 60947-3.
- Switch can be removed from DIN rail assembly allowing quick and easy first fix.
- Interlocked front cover can only be removed when in OFF position.
- Lockable switch prevents tampering.
- IP65 weatherproof rating.
- Tough durable thermoplastic construction.
- Cable entry knockouts on enclosures.

**IS4N-20**

Weathersafe Rotary Isolator Switch – 4 Pole 20A

Shares the features and benefits of the IS3N-20 but is 4 pole 20A.

- Four pole 20A switch.

**IS3N-32**

Weathersafe Rotary Isolator Switch – 3 Pole 32A

- Three pole 32A switch.

**IS4N-32**

Weathersafe Rotary Isolator Switch – 4 Pole 32A

- Four pole 32A switch.

**IS4N-40**

Weathersafe Rotary Isolator Switch – 4 Pole 40A

- Four pole 40A switch.

**3 YEAR GUARANTEE INCLUDED**

All these products carry a 3 year guarantee.



See pages 92 – 93 for product specifications.

**IS4N-63**

Weathersafe Rotary Isolator Switch – 4 Pole 63A

- Four pole 63A switch.

**IS4N-100**

Weathersafe Rotary Isolator Switch – 4 Pole 100A

- Four pole 100A switch.



**Clear and Simple**

Designed with safety in mind, the interlocked front covers can only be removed when in the OFF position. Lockable switch prevents tampering.



**WEATHERSAFE IP65 RATING Weathersafe® IP65 Rotary Isolators keep you safe!**

The Weathersafe Rotary Isolator range is manufactured from tough, durable thermoplastic for outdoor switching protection. 3 and 4 pole, 20A to 100A versions available with multiple cable entry knockouts on enclosures.



**EASZKN**  
Emergency Assist Alarm System Kit – Single Zone

Single zone control panel kits are available for where assistance may be required in WC areas, changing rooms, bedrooms etc. With 2 wire connection between control panel, pull cord, reset button and over door light, installation couldn't be simpler, making it a must-have for new installations and existing conversions.

- Suitable for use where assistance may be required in WC areas, changing rooms, bedrooms etc.
- Each kit includes:
  - 1x single zone control panel – 2 gang.
  - 1x reset button – Single gang.
  - 1x over door light – Single gang.
  - 1x pull cord.
  - 1x disabled sticker.
- Simple 2 wire connection from control panel to kit components.
- Slimline design.
- Control panel features audible and visual alerts.
- Illuminated reset button clearly marked, also in Braille.
- Illuminated over door light with audio output.
- Pull cord comes with ceiling mounted housing and 2m cord.
- **This is a stand-alone kit – that must be used in its entirety and cannot be mixed with additional components.**

**ONLY Sold as part of EASZKN Kit**

**EACP1N**

Single Zone Control Panel – 2 Gang

- Single zone systems ideal for WC's and rooms in the home, shop conversions and small businesses.
- Continuous high dB Control Panel alarm with audible and visual alerts.
- Control Panel fits standard BS flush 2 gang or surface mounted boxes.

Complies with: EN60335-1: Household and similar electrical installations – safety. BS8300: The Design of buildings and their appliances to meet the needs of disabled people – Code of practice.

**ONLY Sold as part of EASZKN Kit**

**EARB1N**

Single Zone Reset Button – Single Gang

- Illuminated reset button clearly marked, also in Braille.
- Reset button fits standard BS flush or surface mounted boxes.

**ONLY Sold as part of EASZKN Kit**

**EADF1N**

Single Zone Over Door Light

- Illuminated over door light with audio output.

**ONLY Sold as part of EASZKN Kit**

**EAPC1N**

Single Zone Pull Cord

**EADS**  
Disabled Sticker  
Self-adhesive disabled sticker.





SPA3G

SPS6G

SPS8G

**SPA3G**  
3-Way Individually Switched Plug-in Surge Protector Adaptor

Compact individually switched surge protection from dangerous power surges and voltage spikes for up to 3 appliances. The unit has dual thermal overload protection.

- Protects against power surges and voltage spikes.
- Individual switched sockets with neon indicator.
- Dissipates incoming and outgoing transients.
- Dual thermal overload protection.
- Ideal for equipment with moulded-on mains plugs.
- Operates instantaneously and does not need to be reset.

These products only protect against power line surges. Aerial inputs and BT connections are NOT protected.

**SPS6G**  
6-Way Surge Protected Socket Strip

- Redirects high-energy transients on the mains supply lines harmlessly to earth and away from associated equipment and operators.
- Resets automatically.
- Dissipates incoming and outgoing transients.
- Separate mains ON and mains protection intact indication.
- Three separate mains protection devices between L-N, L-E, N-E with thermal overload protection.
- Optional wall mounting holes provided (keyhole type at rear).
- 2 metre cable length with BS1363 plug fitted.
- Tough flame retardant moulding.
- Separate neon indication to denote: (1) Surge protection is intact, (2) Supply is present.

**SPS8G**  
8-Way Surge Protected Switched Socket Strip

Shares the same benefits as SPS6G but provides 8 socket outlets and a single switch controlling all 8 outlets.

**SPS10G**  
10-Way Surge Protected Socket Strip

Shares the same benefits as SPS6G but provides 10 socket outlets.



All these products carry a 3 year guarantee.



See page 93 for product specifications.



SPS10G

**Surge Protection**

A practical range of surge protection devices for protecting valuable, delicate plug-in electrical appliances against high-energy transients (voltage spikes).

The range includes 6, 8 and 10 way plug-in surge protected socket strips and 3 way plug-in surge protector adaptor for single socket applications.



What's **NEW!**  
**Intelligent Heating Solutions**

**Programastat+**



Whatever the central heating application you need to control, Timeguard can provide the answer with the Programastat+ range.

Product features have been designed to cover the needs of the installer and user with simplicity in mind, all backed up by Timeguard's three year product guarantee.

The ideal choice for installer applications – see pages 70 to 77.

**Climate Section**

A stylish range of energy saving Room Thermostats and Heating Programmers to help improve system efficiency and reduce running costs. Multiple channel and wire free versions with digital accuracy and control when you need it.

**Contents**

Programastat+ Room Thermostats and Heating Controllers	<b>70</b>
Wi-Fi Programmable Digital Room Thermostat	<b>71</b>
Plug-in Electronic Thermostat	<b>75</b>
Programastat+ Economy 7 Timeswitches	<b>76</b>
Cylinder/Pipe Thermostat and Wiring Centre Box	<b>77</b>

**Wi-Fi Thermostat**



**For efficient Wi-Fi Installations!**

Enables user to programme, change and check device status wherever they are.

See page 71.





**NEW Product**

TRT030N

**TRT030N**

**Electronic Room Thermostat**

Electronic room thermostat with clearly marked temperature dial providing automatic temperature control for all central heating applications. Simple to install surface mount design with electronic accuracy to improve system efficiency and help reduce running costs.

- Easily adjustable dial with clearly marked temperature scale.
- 5°C to 30°C set temperature range.
- Temperature swing adjustment (using DIP switches) between 0.5°C and 1°C.
- PID control.
- Output LED (illuminates on call for heat).
- Switch Type: Single pole, single throw (SPST).
- Surface mount with wall plate included.
- Connection Type: 3 wire.
- Switch Rating: 6(2)A.



**NEW Product**

TRT030DN

**TRT030DN**

**Digital Electronic Room Thermostat**

Electronic room thermostat with digital temperature display, providing automatic temperature control for all central heating applications. Simple to install surface mount design, with electronic accuracy to improve system efficiency and help reduce running costs.

- Easily adjustable dial.
- Digital room temperature display, illuminated on setting.
- Output LED (illuminated on call for heat).
- 5°C to 30°C set temperature range.
- Temperature swing adjustment (using DIP switches) between 0.5°C and 1°C.
- PID control.
- Switch Type: Single pole, single throw (SPST).
- Surface mount with wall plate included.
- Connection Type: 3 wire.
- Switch Rating: 6(2)A.



**NEW Product**

TRT031N

**TRT031N**

**Electronic Frost Thermostat with Tamper Proof Cover**

Electronic room thermostat, with an adjustable dial hidden behind a tamper proof cover to protect temperature selections. Simple to install surface mount design with electronic accuracy to improve system efficiency and help reduce running costs.

- Easily adjustable dial with clearly marked temperature scale.
- Frost protection against the risk of freezing pipes.
- Tamper proof cover protects thermostat settings.
- 5°C to 10°C set temperature range.
- Temperature swing adjustment (using DIP switches) between 0.5°C and 1°C.
- PID control.
- Switch Type: Single pole, single throw (SPST).
- Surface mount with wall plate included.
- Connection Type: 3 wire.
- Switch Rating: 6(2)A.



TRT032N with tamper proof cover fitted



**NEW Product**

TRT032N

**TRT032N**

**Tamper Proof Room Thermostat**

Electronic room thermostat, with an adjustable dial hidden behind a tamper proof cover to protect temperature selections. Simple to install surface mount design with electronic accuracy to improve system efficiency and help reduce running costs.

- Easily adjustable dial with clearly marked temperature scale.
- Tamper proof cover protects thermostat settings.
- Frost Protection.
- 5°C to 30°C set temperature range.
- Temperature swing adjustment (using DIP switches) between 0.5°C and 1°C.
- PID control.
- Switch Type: Single pole, single throw (SPST).
- Surface mount with wall plate included.
- Connection Type: 3 wire.
- Switch Rating: 6(2)A.



See pages 79 & 94 for product specifications.



YouTube support available on this product.



**NEW Product**

TRT033N

**TRT033N**

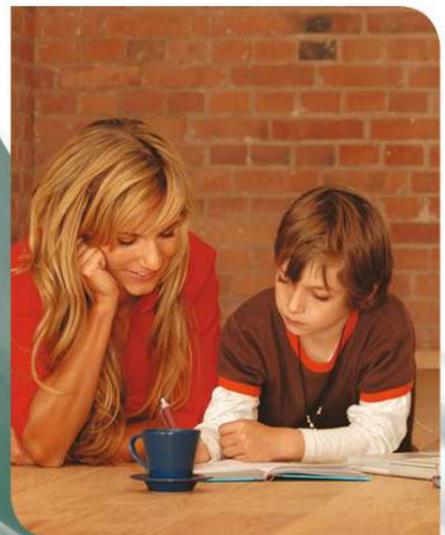
**Digital Room Thermostat with Night Set-Back**

Digital room thermostat with easily visible blue luminescent screen displaying current room temperature. Simple +/- push button temperature adjustment illuminates display on setting, providing automatic temperature control for all central heating applications. Night set-back and frost protection modes help improve system efficiency and reduce running costs. The TRT033N display is powered using 2x 1.5V AA batteries supplied.

- Digital room temperature display, illuminated on setting.
- Easy +/- illuminated push button settings.
- Easy view temperature display illuminated on setting.
- Frost protection setting.
- 10°C to 30°C set temperature range.
- Temperature swing adjustment (using DIP switches) between 0.5°C and 1°C.
- PID control.
- Voltage free change over contacts.
- Display battery powered using 2x 1.5V AA.
- Switch Rating: 3(1)A.

**3 YEAR GUARANTEE INCLUDED**

All these products carry a 3 year guarantee.



**Programastat+**  
Versatility comes as standard

Whatever the central heating application you need to control, Timeguard can provide the answer with the Programastat+ range. Product features have been designed to cover the needs of the installer and user with simplicity in mind, all backed up by Timeguard's three year product guarantee.



**TRTWIFI**

**Wi-Fi Controlled Digital Room Thermostat**

- Available for Android and iOS only, works with Wi-Fi and 4G.
- Supports multiple devices and multiple users.
- Enables user to programme, change and check heating status wherever they are.
- Schedule heating times over a week with up to 6 time/temperature periods per day with weekly repeats.
- 5 Programming modes available – Auto Timed, ON, OFF, Frost Protection and Holiday mode.
- 5°C to 35°C set temperature range with temperature adjustment in 0.5 degree steps.
- Wall thermostat simply replaces existing 2 or 3 wire installation enabling Wi-Fi connection via home router.
- Fits to supplied surface mount box or a BS flush mount box (min. 35mm depth).
- Power supply module designed for easy connection to boiler.



**Wi-Fi Controlled**



**NEW Product**

TRTWIFI





TRT034N



TRT035N



TRT036N



TRT038N

### TRT034N

#### 7 Day Digital Programmer – 1 Channel

Single channel programmer (for use with room thermostats) with 3 different time periods (5 day plus 2 or 7 day programming) displayed on an easy view blue luminescent screen. Simple push button setting and select modes with full screen information providing automatic time control for domestic central heating applications.

- 7 day programming for use with room thermostat.
- 3 timed control periods per day (5 day and 2 or 7 day programming).
- Programme copy function.
- 1, 2 and 3 hour boost function.
- Holiday mode.
- Always ON/OFF override mode.
- Blue LED screen illuminates upon setting.
- Automatic summer/winter changeover.
- Change over contacts.
- 7 Day factory fitted rechargeable battery backup.
- Switch Rating: 3(1)A.



See page 94 for product specifications.



YouTube support available on these products.

### TRT035N

#### 7 Day Programmable Room Thermostat with Frost Protection

Digital room thermostat with 6 different time/temperature periods (5 day plus 2 or 7 day programming) displayed on an easy view blue luminescent screen. Simple +/- push button adjustment illuminates on setting, providing automatic time and temperature control for domestic central heating applications.

- 7 day time and temperature programming with digital accuracy.
- 6 different time/temperature periods (5 day and 2 or 7 day programming).
- Easy +/- illuminated push button settings.
- Easy view time and temperature display illuminates on setting.
- Frost protection setting.
- 10°C to 35°C set temperature range.
- Temperature swing adjustment (using DIP switches) between 0.5°C and 1°C.
- Optimum start feature.
- Voltage free change over contacts.
- Display battery powered using 2x 1.5V AA batteries supplied.
- Switch Rating: 3(1)A.



All these products carry a 3 year guarantee.

### TRT036N

#### 7 Day Digital Heating Programmer – 2 Channel

Digital heating programmer allowing independent control of central heating and hot water. The TRT036N is suitable for pumped and gravity fed systems with 3 different time periods (5 day plus 2 or 7 day programming) displayed on an easy view blue luminescent screen.

- 2 independently programmed channels.
- 7 day programming for use with room thermostat.
- 3 timed control periods per day (5 day and 2 or 7 day programming).
- Programme copy function.
- 1, 2 and 3 hour boost function for central heating and hot water.
- Holiday mode.
- Always ON/OFF override mode.
- Blue LED screen illuminates upon setting.
- Automatic summer/winter changeover.
- Change over contacts.
- Optional pumped or gravity operation set by DIP switches.
- 7 day factory fitted rechargeable battery backup.
- Switch Rating: 3(1)A.

### TRT038N

#### 7 Day Digital Heating Programmer – 3 Channel

24 hour/7 day digital heating programmer with 3 independent timed channels e.g. hot water and 2 separate heating zones, designed for fully pumped central heating systems.

- 3 independently programmed channels.
- Suitable for fully pumped systems.
- Simple push button control (illuminates on setting).
- 3 timed control periods (5 day plus 2 or 7 day).
- 1 and 2 hour boost function.
- Holiday mode.
- Always ON/OFF override mode.
- Blue LED screen illuminates upon setting.
- Optional automatic summer/winter changeover.
- Voltage free change over contacts.
- 24 hour factory fitted rechargeable battery backup.
- Switch Rating: 3(1)A.



### Multi Channel Control

Our 7 day heating programmers are designed for fully pumped systems and are available as the TRT038N with 3 independent timed channels (hot water and 2 separate heating zones) or the TRT039N with 4 channels (hot water and 3 separate heating zones). Stylish in design with multiple features including automatic summer/winter changeover, 1 or 2 hour boost facility and a holiday mode to suspend programmes whilst you're away.



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**TIMEGUARD**

### TOP TIP

Don't just fit what was there before, upgrade to Programastat+.

Our programmers are designed to be a straight replacement for all the other brands of heating programmer with no wiring changes.

7 day (or 5+2 day) digital 1 channel programmer for central heating	TRT034	LP711 Tempus 1	SP7155 GP103E7	ST9100C
7 day (or 5+2 day) digital 2 channel programmer for central heating and hot water	TRT036	LP522 LP712 Tempus 6	CP715 FP715 FP715A FP915 GP102E5	ST6400C ST9400C ST799A
7 day (or 5+2 day) digital 3 channel programmer for central heating and hot water	TRT038			

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**Programastat+**

Get your comparison guide now!

The essential tool for selection and replacement of existing central heating programmers and room thermostats.

The correct Programastat+ replacement programmer is at your fingertips.

Simply email us at the address below to receive your free copy today.





TRT039N

TRT037N

**NEW Product**  
**WIRE FREE**

### TRT039N

#### 7 Day Digital Heating Programmer – 4 Channel

24 hour/7 day digital heating programmer with 4 independent timed channels e.g. hot water and 3 separate heating zones, designed for fully pumped central heating systems.

- 4 independently timed channels – hot water and 3 separate heating zones.
- Suitable for fully pumped systems.
- Simple push button control (illuminates on setting).
- 3 timed control periods (5 day plus 2 or 7 day).
- 1 and 2 hour boost function.
- Holiday mode.
- Always ON/OFF override mode.
- Blue LED screen illuminates upon setting.
- Optional automatic summer/winter changeover.
- Voltage free change over contacts.
- 24 hour factory fitted rechargeable battery backup.
- Switch Rating: 3(1)A.

### TRT037N

#### Wireless 7 Day Programmable Room Thermostat

Ideal for installations where it is impractical to run wires from the room thermostat to other central heating controls. Simply transmits time and temperature programmes to receiver box up to 60 metres away (depending on installation). 6 different time/temperature periods (5 day plus 2 or 7 day programming) are available, displayed on an easy view blue luminescent screen with simple +/- push button adjustment.

- Wire free installation from thermostat to receiver control.
- Automatic transmission of time and temperature programmes.
- 6 different time/temperature periods.
- Up to 60m transmission range, depending on installation.
- Easy +/- illuminated push button settings.
- Easy view time and temperature display illuminates on setting.
- Frost protection setting.
- 10°C to 35°C set temperature range adjustable in 0.5°C steps.
- Temperature swing adjustment (using DIP switches) between 0.5°C and 1°C.
- Optimum start feature.
- Voltage free change over contacts.
- Transmission Range: 60m depending on installation.
- Output Light: Red LED.
- Display battery powered using 2x 1.5V AA batteries supplied.
- Switch Rating: 3(1)A.



RAMSES 701

### RAMSES 701

#### Room Thermostat

- 5°C to 30°C temperature range.
- 2 or 3 wire connection.
- Surface mounting or flush mounting onto a single gang wall box via adaptor plate. Part No. 907.0.480.
- 10(4) at 230V.



TRT047N

TRT05

**WIRE FREE**

### TRT047N

#### Wireless Digital Room Thermostat with Night Set Back

- Wire free installation from thermostat to receiver control.
- Automatic transmission of time and temperature programmes.
- Night set back reduces set temperature by 4°C with 1 – 9 hours recall.
- Up to 60m transmission range, depending on installation.
- Easy +/- illuminated push button settings.
- Easy view temperature display illuminates on setting.
- Frost protection setting.
- 10°C to 30°C set temperature range adjustable in 0.5°C steps.
- Temperature swing adjustment (using DIP switches) between 0.5°C and 1°C.
- PID control.
- Voltage free change over contacts.
- Transmission Range: 60m depending on installation.
- Output Light: Red LED.
- Display battery powered using 2x 1.5V AA batteries supplied.
- Switch Rating: 3(1)A.

**3 YEAR GUARANTEE INCLUDED**

All these products carry a 3 year guarantee.

### TRT05

#### Electronic Plug-in Thermostat with 24 Hour Time Control

The TRT05 is a plug-in electronic thermostat with an in-built 24 hour programmable timer. It has 3 programmable time periods and 4 operating modes ON, OFF, Timed and Automatic. The set temperature range is between 0° and 35°C, and it is ideal for controlling radiant, convactor and fan heaters as well as oil filled radiators.

- Plug-in, no wiring.
- 3 ON/3 OFF easy-set programmable time periods repeated over 24 hours.
- Integral temperature sensor with 0° – 35°C temperature range.
- 1000 hours integral battery power reserve retains programmes and allows out of socket programming.
- Large LCD information screen.
- Reset button restores to factory set default programmes.
- 13(2)A load rating, 3kW resistive, 400W filament, 2A inductive.



See pages 94 – 95 for product specifications.



YouTube support available on these products.



RAMSES 705

### RAMSES 705

#### Room Thermostat with ON/OFF Switch

Shares the features and benefits of the RAMSES 701 plus an ON/OFF switch.

### RAMSES 706

#### Room Thermostat with ON/OFF switch and Indicator Lamp

Shares the features and benefits of the RAMSES 705 plus an indicator lamp for switch status.



RAMSES 706



NEW Product

TRTD7N

**TRTD7N**

## Economy 7 Digital Timeswitch with Boost Control

- Designed for use with Economy 7 off peak rate overnight electricity plans.
- Interchangeable with Sangamo and Horstmann Economy 7 units.
- Suitable for use with single, dual or twin element immersion heaters.
- Pre-programmed automatic boost and three on-demand options – 30 minutes, 1 & 2 hours.
- Countdown boost display shows boost time remaining.
- Automatic summer/winter changeover.
- 2 year factory fitted battery for memory backup.
- Fits and supplied with a standard size Economy 7 wall box.
- Accommodates up to 3 off-peak hot water or heating periods every 24 hours.
- Easy view 12 hour am/pm clock/timer display illuminates settings.
- Simple push button setting and select modes.
- IP30 enclosure protection and class 1 shock protection.
- Contact rating: 13A suitable for immersion heaters up to 3kW.
- Operating temperature: 0°C to +35°C.
- Contact type: Micro-disconnection ON control. Disconnection to immersion heater(s) via double pole rocker switch.



NEW Product

TRTM7N

**TRTM7N**

## Economy 7 Analogue Timeswitch with Boost Control

- Designed for use with Economy 7 off peak rate overnight electricity plans.
- Interchangeable with Sangamo and Horstmann Economy 7 units.
- Suitable for use with single, dual or twin element immersion heaters.
- 4 Boost demand options – 15, 30 minutes, 1 & 2 hours.
- 24 hour Segment dial with minimum 15 minute switching intervals.
- Output LEDs illuminate during off-peak and boost periods.
- Quartz reserve with 150 hours memory back-up.
- Fits and supplied with a standard size Economy 7 wall box.
- IP30 enclosure protection.
- Class 1 shock protection.
- Contact rating: 13A suitable for immersion heaters up to 3kW.
- Operating temperature: 0°C to +35°C.
- Contact type: Micro-disconnection ON control. Disconnection to immersion heater(s) via double pole rocker switch.



See pages 94 – 95 for product specifications.



YouTube support available on this product.



## Programastat+ Economy

Designed for use with Economy 7 off peak rate overnight electricity plans with the flexibility of pre-selected timing options manually adjustable to allow customised programming. Alternatively press the Boost button for instant ON/OFF control and walk away knowing you're saving energy and money!



sales office **020 8452 1112** fax **020 8450 0635** **TIMEGUARD**



TRT044

**TRT044**

## Cylinder/Pipe Thermostat

The TRT044 is a surface mounted mechanical thermostat used to control the temperature of domestic hot water cylinders (uninsulated and foam lagged). The unit comes complete with a cylinder strap and a wire strap which also enable the unit to be used as a pipe thermostat. The TRT044 can be used to switch a circulating pump, boiler or most common zone valves.

- Cylinder or pipe thermostat.
- Ideal for uninsulated and foam lagged domestic cylinders.
- Solid construction with secure cable clamping.
- Supplied with cylinder strap and wire pipe strap.
- Large setting dial with clearly marked temperature scale.
- Temperature range between 40°C and 80°C.
- 16(4) A 230V.
- 2 wire connection.



NEW Product

TRT049N

**TRT049N**

## Wiring Centre Box

Using a wiring centre box is a safe and convenient way of wiring all connections to and from a heating system, making system testing a clean and simple task. Supplied with wiring diagrams for 'S' Plan and 'Y' Plan installations.

- Spacious and robust box with easily accessible terminals.
- Suitable for all types of heating systems.
- Multiple fixing holes and cable entry knock outs.
- Supplied with wiring diagrams for S type and Y type plan installations.
- 16 terminal block circuits and 4 earth terminals.
- 6 Internal cable clamps.
- Installation Type: Surface mount with wall fixing kit supplied.
- Voltage: 230V 50Hz.
- Flame Retardant Rating: V1.
- Switch Rating: 10(2)A.



All these products carry a 3 year guarantee.



### Piping hot!

Ideal for new or replacement installations with a clear temperature scale and easy fitting.

For use with uninsulated and foam lagged domestic cylinders, complete with cylinder strap and wire strap which also enable the unit to be used as a pipe thermostat.



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	TS800N	TG24	ETU17	TG77
<b>Timer Mode</b>	24 Hour	24 Hour	7 Day	7 Day
<b>Setting Type</b>	Pin	Segment	Digital	Digital
<b>Operating Voltage</b>	230V AC	•	•	•
	13A Resistive (3kW)	•	•	•
<b>Switch Rating 230V AC</b>	Inductive	5A	2A	5A
	Inductive	5A	2A	2A
<b>Controls LED Lighting</b>	Max.	60W	60W	100W
<b>Operating Temperature</b>	-10°C to 40°C	•	•	•
<b>Battery</b>	Factory Fitted, Rechargeable, 1000 Hours Backup	•	•	•
<b>EC Directives</b>	Conforms to Latest Directives	•	•	•
	Height	73	75	81
	Width	73	78	60
	Depth	65	72	65

All these time controllers repeat their programmes indefinitely day after day or week after week. Can be used with up to 100W of fluorescent or low energy lighting. Can be used with filament lighting up to 400W. Cannot be used with discharge lighting (e.g. SON and Metal Halide). Note: ETU17 can be used with up to 500W of fluorescent or low energy lighting and up to a 1hp motor. Can also be used with up to 1500W of filament lighting. Cannot be used with discharge lighting (e.g. SON and Metal Halide). TG77 can be used with up to 400W of filament lighting and with up to 100W fluorescent/low energy lighting. Cannot be used with discharge lighting.



	TS900N	NTT01	NTT02	NTT03
<b>Timer Mode</b>	24 Hour	24 Hour	24 Hour	24 Hour/7 Day
<b>Setting Type</b>	Pin	Segment	Segment	Digital
<b>Operating Voltage</b>	230V AC	•	•	•
	13A Resistive (3kW)	•	16	16
<b>Switch Rating 230V AC</b>	Inductive	5A	6	8
	Inductive	5A	6	4
<b>Voltage Free Contacts</b>	•	•	•	•
<b>Controls LED Lighting</b>	Max.	80W*	100W*	100W*
<b>Operating Temperature</b>	0°C to 50°C	0°C to 40°C	0°C to 40°C	0°C to 40°C
<b>Battery</b>	720 Hours Rechargeable	•	•	•
<b>Cable Connection</b>	1.5 – 2.5mm <sup>2</sup> Flexible Cable	•	•	•
<b>EC Directives</b>	Conforms to Latest Directives	•	•	•
	Height	120	92	92
	Width	74	92	92
	Depth	48	60	60

Note: TS900N can be used with up to 100W of fluorescent or low energy lighting. Can be used with filament lighting up to 400W. Cannot be used with discharge lighting (e.g. SON and Metal Halide) or LED lighting. \*The LED switching capabilities of these products can be increased up to 200W with the addition of the Timeguard ZV900 Automatic Switch Load Controller. The ZV900 is sold separately.



	NTT04	NTT05	NTT06	NTT07	NTT08
<b>Timer Mode</b>	24 Hour/7 Day	24 Hour	24 Hour	7 Day	7 Day
<b>Setting Type</b>	Digital	Segment	Digital	Digital	Digital
<b>Operating Voltage</b>	230V AC	•	•	•	•
	13A Resistive (3kW)	16	16	16	16
<b>Switch Rating 230V AC</b>	Inductive	4	8	4	4
	Inductive	4	8	4	4
<b>Voltage Free Contacts</b>	•	•	•	•	•
<b>Controls LED Lighting</b>	Max.	100W	100W	100W	100W
<b>Operating Temperature</b>	0°C to 40°C	0°C to 40°C	0°C to 40°C	0°C to 40°C	0°C to 40°C
<b>Battery</b>	720 Hours Rechargeable	•	•	•	•
<b>Cable Connection</b>	1.5 – 2.5mm <sup>2</sup> Flexible Cable	•	•	•	•
<b>EC Directives</b>	Conforms to Latest Directives	•	•	•	•
	Height	92	120	120	120
	Width	92	74	74	74
	Depth	60	45	46	42

Note: The LED switching capabilities of the NTT04, NTT06, NTT07 and NTT08 can be increased up to 200W with the addition of the Timeguard ZV900 Automatic Switch Load Controller. The ZV900 is sold separately.



	FST24	FST77	FBT4	FBT5	TGBT4	TGBT5	TGBT6
<b>Timer Mode</b>	24 Hour	24 Hour/7 Day	2 Hour Boost	4 Hour Boost	Boost	Boost	Plug-in Boost
<b>Boost Duration</b>	Maximum	2	2	2	4	2	4
<b>Switch Type</b>	Single Pole ON/OFF	•	•	•	•	•	•
<b>Controls LED Lighting</b>	Max.	200W	200W	200W	200W	100W	100W
<b>Operating Voltage</b>	230V AC	•	•	•	•	•	•
<b>Switch Rating 230V AC</b>	13A Resistive (3kW)	•	•	•	•	•	•
<b>Battery</b>	720 Hours Rechargeable	•	•	•	•	•	•
<b>Operating Temperature</b>	0°C to 40°C	•	•	•	•	•	•
<b>Integral BS1362 Fuse &amp; DP Switch</b>	•	•	•	•	•	•	•
<b>EC Directives</b>	Conforms to Latest Directives	•	•	•	•	•	•
<b>Guarantee</b>	5 Year	5 Year	3 Year	3 Year	3 Year	3 Year	3 Year
<b>Dimensions (mm)</b>	Height x Width x Depth	85 x 85 x 38	85 x 85 x 38	85 x 85 x 38	85 x 85 x 38	85 x 85 x 16	85 x 85 x 16
							103 x 58 x 46

Note: FST24/FST77/FBT4/FBT5 can be used with up to 5A of filament, 500W fluorescent, 100W CFL and 200W LED lighting. Can also be used with up to a 1hp motor. Cannot be used with discharge lighting. FST24/FST77/FBT4/FBT5/TGBT4/TGBT5 fit onto standard single gang wall boxes 25mm deep and are supplied with a separate double cable clamp for flying lead connection.



	FSTWIFI	NTTWIFI	TRTWIFI	FSTWIFITGV
<b>Timer Mode</b>	Boost	24 Hour/7 Day with Boost	Room Thermostat	Boost
<b>Setting Type</b>	Wi-Fi and 4G (Controlled by App)	Wi-Fi and 4G (Controlled by App)	Wi-Fi and 4G (Controlled by App)	Wi-Fi and 4G (Controlled by App)
<b>App Availability</b>	Android and iOS	Android and iOS	Android and iOS	Android and iOS
<b>App Supports</b>	Multiple devices and users	•	•	•
<b>Wi-Fi Specification</b>	GHz b/g/n	2.4	2.4	2.4
<b>Frequency Range</b>	GHz	2.412 – 2.484	2.412 – 2.484	2.412 – 2.484
<b>Switch Rating 230V AC</b>	13A Resistive (3kW)	•	16	•
	Inductive	5	4	5
<b>Boost Duration</b>	Hours	1 and 2	1 and 2	1 and 2
<b>Controls LED Lighting</b>	Max.	500W	100W	500W
<b>Switch Type</b>	Single Pole ON/OFF	•	•	•
<b>Weatherproof Rating</b>	•	•	•	IP66
<b>Operating Voltage</b>	230V AC	•	•	•
<b>Switch Rating 230V AC</b>	13A Resistive (3kW)	•	•	•
<b>Operating Temperature</b>	0°C to 40°C	•	•	•
<b>Integral BS1362 Fuse &amp; DP Switch</b>	•	•	•	•
<b>EC Directives</b>	Conforms to Latest Directives	•	•	•
<b>Dimensions (mm)</b>	Height x Width x Depth	85 x 85 x 44	120 x 74 x 42	85 x 85 x 44
			(Power) 101 x 107 x 35.5 (Thermostat) 90 x 90 x 46	

Note: FSTWIFI, NTTWIFI & FSTWIFITGV can be used with up to 5A of inductive loads, 1000W incandescent/halogen, 100W CFL and 500W fluorescent lighting. Cannot be used with discharge lighting. FSTWIFI fits onto standard single gang wall box 25mm deep. FSTWIFI, NTTWIFI & TRTWIFI intended for internal use only.



	E169S	E269H	ELU56	ELU5620	TR 635 top2	TR 636 top2
<b>Timer Mode</b>	24 Hour	24 Hour/7 Day	7 Day	7 Day	24 Hour/7 Day	24 Hour/7 Day
<b>Setting Type</b>	Digital	Tappets	Digital	Digital	Digital	Digital
<b>Voltage Free Contacts</b>	Change over	ON/OFF	ON/OFF	ON/OFF	•	•
	<2W	•	•	•	20W	20W
<b>Controls LED Lighting</b>	Max.	150W*	150W*	150W*	50W	50W
<b>Operating Voltage</b>	230V AC	•	•	•	•	•
	Resistive	20A (4.6kW)	20A (4.6kW)	20A (4.6kW)	16A (3.68kW)	2x 6A
<b>Switch Rating 230V AC</b>	Inductive	12A	12A	6A	8A	2x 6A
<b>Battery</b>	1000 Hours Rechargeable	•	•	•	•	10 Year Lithium*
<b>Operating Temperature</b>	-10°C to 40°C	•	•	•	•	10 Year Lithium*
<b>EC Directives</b>	Conforms to Latest Directives	•	•	•	•	•
<b>Guarantee</b>	3 Year	3 Year	3 Year	3 Year	3 Year	3 Year
<b>Dimensions (mm)</b>	Height x Width x Depth	104 x 72 x 69				

Note: E169S and E269H cannot be used with fluorescent, low energy or discharge lighting. Can be used with up to 400W of filament lighting. For similar switches with voltage free change over contacts ask for the product codes: SYN269H 24 hour & 7 day (1x 10 amp) SYN269G 24 hour & 7 day (2x 10 amp). ELU56 can be used with up to 500W of fluorescent lighting or low energy lighting and up to 1500W of filament lighting. Can also be used with up to a 1hp motor. Cannot be used with discharge lighting. TR 636 top2 cannot be used with fluorescent, low energy or discharge lighting. Can be used with up to 500W of filament lighting. The Lithium battery (primary) only maintains time and programmes when the supply is not present. TR 636 top2 can be used with up to 400W of fluorescent lighting or 2300W of filament lighting or 9x 7W or 7x 11W or 7x 15W or 7x 20W or 7x 23W of low energy lighting. \*The LED switching capabilities of these products can be increased up to 200W by the addition of the Timeguard ZV900 Automatic Switch Load Controller. The ZV900 is sold separately.



See pages 12 – 13 for Product Information.



	TR 610 top3	TR 611 top2	TR 612 top3	TR 622 top2	SELEKTA 170 top3	SELEKTA 174 top3	TR 641 top2	TR 644 top2
<b>Timer Mode</b>	24 Hour/7 Day	24 Hour/7 Day Pulse/Random	24 Hour/7 Day	24 Hour/7 Day Pulse/Cycle	Solar	Solar	24 Hour/7 Day/Year/Pulse	24 Hour/7 Day/Year/Pulse
<b>1 or 2 Channel</b>	1 Channel	1 Channel	2 Channel	2 Channel	1 Channel	2 Channel	1 Channel	4 Channel
<b>Setting Type</b>	(Wi-Fi Controlled by App)	Wi-Fi and 4G	Digital	Wi-Fi and 4G	Digital	Wi-Fi and 4G	Digital	Digital
<b>App Availability</b>	Android and iOS	•	•	•	•	•	•	•
<b>App Supports</b>	Multiple devices and users	•	•	•	•	•	•	•
<b>Wi-Fi Specification</b>	GHz b/g/n	2.4	•	2.4	2.4	•	•	•
<b>Frequency Range</b>	GHz	2.412 – 2.484	•	2.412 – 2.484	2.412 – 2.484	•	•	•
<b>Voltage Free Contacts</b>	Single Pole Changeover	•	•	2x C/O	2x C/O	•	•	•
	<2W	30W	30W	30W	30W	30W	50W	50W
<b>Controls LED Lighting</b>	2 – 8W	100W	100W	100W	100W	100W	180W	180W
	>8W	120W	120W	120W	120W	120W	200W	200W
<b>Operating Voltage</b>	230V AC	•	•	•	•	•	•	•
<b>Power Reserve</b>	10 Year	10 Year	10 Year	10 Year	10 Year	10 Year	8 Year	8 Year
<b>Switch Rating 230V AC</b>	Resistive	16A	16A	16A	16A	16A	16A	16A
	Inductive	10A	10A	10A	10A	10A	10A	10A
<b>Operating Temperature</b>	-30°C to 55°C	•	•	•	•	•	•	•
<b>EC Directives</b>	Conforms to Latest Directives	•	•	•	•	•	•	•
<b>Dimensions (mm)</b>	Height x Width x Depth	86 x 35 x 65.5	86 x 35 x 65.5	86 x 35 x 65.5	86 x 35 x 65.5	86 x 35 x 65.5	90 x 54 x 65.5	90 x 71.6 x 65.5

TR 610 top3, TR 611 top2, TR 612 top3, TR 622 top2, SELEKTA 170 top3 SELEKTA 174 top3, can switch up to 2300W of filament or 400W of fluorescent lighting or 9x 7W or 7x 11W or 7x 15W or 7x 20W or 7x 23W of low energy lighting. Not suitable for discharge lighting except SELEKTA 170 top3, SELEKTA 174 top3 which can also switch up to 400W of discharge lighting.



See pages 14 – 15 for Product Information.



	TR 608 top2 S	SYN 160 a	SUL 180 a	SYN 161 d	SUL 181 d	SUL 191 w	ELPA 7	ELPA 8
<b>Timer Mode</b>	24 Hour/7 Day	24 Hour	24 Hour	24 Hour	24 Hour	7 Day	0.5 – 20 Minutes	1 – 7 Minutes
<b>Setting Type</b>	Digital	Segment	Segment	Segment	Segment	Tappets	Electronic	Rotary
<b>Voltage Free Contacts</b>	Single Pole Changeover	•	ON/OFF	ON/OFF	•	•	•	•
<b>Mains Linked Contacts</b>	Single Pole ON/OFF	•	•	•	•	•	•	•
	<2W	6W	30W	30W	•	•	20W	30W
<b>Controls LED Lighting</b>	2 – 8W	20W	90W	90W	•	•	55W	90W
	>8W	24W	100W	100W	•	•	70W	100W
<b>Operating Voltage</b>	230V AC	•	•	•	•	•	•	•
<b>Power Reserve</b>	10 Year Lithium	•	72 Hour	•	•	200 Hour	72 Hour	•
<b>Switch Rating 230V AC</b>	Resistive	16A	16A	16A	16A	16A	16A	16A
	Inductive	4A	4A	4A	4A	4A	10A	10A
<b>Operating Temperature</b>	-20°C to 55°C	-10°C to 50°C	-25°C to 50°C	-10°C to 50°C	•	•	-25°C to 50°C	-10°C to 50°C
<b>EC Directives</b>	Conforms to Latest Directives	•	•	•	•	•	•	•
<b>Dimensions (mm)</b>	Height x Width x Depth	86 x 18 x 65.5	90 x 17.5 x 65.5	90 x 17.5 x 65.5	90 x 54 x 65.5	90 x 54 x 65.5	84 x 17.5 x 65.5	84 x 17.5 x 65.5

ELPA 8 can switch up to 2300W of filament lighting or 1300VA of fluorescent lighting or 9x 7W or 6x 11W or 5x 15W or 5x 20W of low energy lighting. Not suitable for discharge lighting. SYN 160 a, SUL 180 a, SYN 161 d and SUL 181 d cannot switch discharge lighting but can switch up to 400W of filament lighting or 100W of fluorescent or low energy lighting. ELPA 7 can switch up to 2300W of filament lighting or 400VA of fluorescent or 7x 9W, 7x 11W, 7x 15W, 7x 20W, 7x 23W of low energy lighting. TR 608 top2 can switch up to 1000W filament lighting, 200W of fluorescent, or 7x 7W or 6x 11W or 5x 15W or 5x 20W or 5x 23W of low energy lighting. Not suitable for discharge lighting.

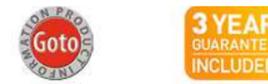


See pages 16 – 17 for Product Information.



	LUNA 108	LUNA 109	LUNA 110	LUNA 111 top2	LUNA 112 top2	LUNA 120 top2
<b>Timer Mode</b>	Dusk/Dawn	Dusk/Dawn	Dusk/Dawn	Dusk/Dawn	Dusk/Dawn	Dusk/Dawn/Timeswitch
<b>Setting Type</b>	Adjusting Screw	Adjusting Screw	Adjusting Screw	Digital	2 Channel Digital	Analogue
<b>Brightness Range</b>	LUX	2 – 100	2 – 2000	2 – 50,000	1 – 99,000	1 – 99,000
<b>Adjustment</b>	Brightness Range	1 Range	1 Range	5 Ranges	Multiple	Multiple
<b>Switching Delay</b>	ON/OFF	20/80 Seconds	60/60 Seconds	0 – 20 Minutes	0 – 59 Minutes	0 – 59 Minutes
<b>Voltage Free Contacts</b>	Single Pole Changeover	ON/OFF	•	•	x2	•
	<2W	20W	20W	50W	30W	30W
<b>Controls LED Lighting</b>	2 – 8W	55W	55W	160W	100W	100W
	>8W	70W	70W	200W	120W	120W
<b>Operating Voltage</b>	230V AC	•	•	•	•	•
<b>Power Reserve</b>	10 Years	•	•	•	•	•
<b>Switch Rating 230V AC</b>	Resistive	16A	16A	16A	16A	16A
	Inductive	10A	10A	10A	10A	10A
<b>Operating Temperature</b>	Unit -30°C to 55°C	-25°C to 50°C	•	•	•	•
	Sensor -40°C to 70°C	•	•	•	•	•
<b>EC Directives</b>	Conforms to Latest Directives	•	•	•	•	•
<b>Dimensions (mm)</b>	Height x Width x Depth	90 x 17.5 x 65.5	90.1 x 35.8 x 69.2	90.1 x 35.8 x 69.2	90.1 x 35.8 x 69.2	90.1 x 53.6 x 69.2

Acceptable lighting loads: LUNA 108/109 – filament 2300W, fluorescent 400VA, low energy 140W, discharge 400VA. LUNA 110 – filament 3600W, fluorescent 1200VA, low energy 400W, discharge 1200VA. LUNA 111/112/120 top2 – filament 2600W, fluorescent 800VA, low energy 300W, not suitable for discharge lighting.



See pages 20 – 21 for Product Information.



	SLW360L	SLFM360L	PDRS1500	PDSM1500	PDWM1500	PDFM1500
<b>Operating Voltage</b>	230V AC	•	•	•	•	•
<b>1 or 2 Channel</b>	1 Channel	1 Channel	1 Channel	1 Channel	1 Channel	1 Channel
<b>Controls LED Lighting</b>	Max.	100W	100W	420W	420W	420W
<b>1st Channel Filament/Halogen Loading (W)</b>	2400	2400	2300	1500	1500	1500
<b>1st Channel Fluorescent/Low Energy Loading (W)</b>	500/150 CFL/Low Energy	500/150 CFL/Low Energy	1500	1500	1500	1500
<b>Weatherproof Rating</b>	IP44	IP44	IP55	IP55	IP55	IP44
<b>Detection</b>	Metres (max.)	6m Diameter	6m Diameter	6m Diameter	6m Diameter	6m Diameter
<b>Angle of Detection</b>	360°	•	•	•	120°	•
<b>Light ON Time after last</b>	Seconds (min.)	5	5	1 Minute	1 Minute	1 Minute
<b>Detection (Adjustable)</b>	Minutes (max.)	18	18	30	30	30
<b>Permanent ON Facility</b>	Electronic	•	•	•	•	•
<b>Adjustable Light Level Control</b>	•	•	•	•	•	•
<b>EC Directives</b>	Conforms to Latest Directives	•	•	•	•	•
<b>Dimensions (mm)</b>	Height x Width x Depth	53 x 103 x 103	71 x 84 x 84	104 x 104 x 55	22 x 86 x 86	22 x 86 x 86



See pages 22 & 24 for Product Information.



	PDSM361	PDFM361	PDFM362	PDFMMINIL	PDFMMINILS	PDFM360MINI
<b>Operating Voltage</b>	230V AC	•	•	•	•	•
<b>1 or 2 Channel</b>	1 Channel	1 Channel	2 Channel	1 Channel	1 Channel	1 Channel
<b>Plug &amp; Play Control</b>	Up to 5 Slave Units – PDFMMINILS	•	•	•	•	•
<b>Plug &amp; Play Slave Unit</b>	Can be controlled by PDFMMINIL	•	•	•	•	•
<b>Controls LED Lighting</b>	Max.	400W	400W	400W	250W	250W
<b>1st Channel Filament/Halogen Loading (W)</b>	1000	1000	1000	1000	1000	800
<b>1st Channel Fluorescent/Low Energy Loading (W)</b>	550	550	550	250	250	225 (Electronic)
<b>2nd Channel Rating</b>	Voltage Free Contacts	•	•	•	•	•
	5A 230V AC or 30V DC	•	•	•	•	•
<b>Weatherproof Rating</b>	IP40	IP40	IP40	IP40	IP40	IP20
<b>Detection</b>	Metres (max.)	7m Diameter	7m Diameter	7m Diameter	8m Diameter	8m Diameter
<b>Angle of Detection</b>	360°	•	•	•	•	•
<b>Light ON Time after last</b>	Seconds (min.)	5	5	5	30	30
<b>Detection (Adjustable)</b>	Minutes (max.)	60 with IR10	60 with IR10	60 with IR10	30	30
<b>Permanent ON Facility</b>	Electronic (with IR10)	•	•	•	•	•
<b>Adjustable Light Level Control</b>	•	•	•	•	•	•
<b>EC Directives</b>	Conforms to Latest Directives	•	•	•	•	•
<b>Ceiling Cut Out (mm)</b>	Height x Width x Depth	42.5 x 121.5 x 121.5	65	65	40	40
		52 x 80 x 80	52 x 80 x 80	47 x 47 x 64	47 x 47 x 64	57 x 57 x 91.2



See page 25 for Product Information.



	PDSMDALI	PDSMCDALI	PDFMDALI	PDFMCDALI	PSUDALI
<b>Operating Voltage</b>	230V AC	•	•	•	•
<b>Selectable DALI groups</b>	15	15	15	15	•
<b>Light channel DALI broadcast</b>	1	1	1	1	•
<b>Weatherproof Rating</b>	IP20	IP20	IP20	IP20	IP20
<b>Detection</b>	Metres (max.)	9m Diameter	40m Length x 5m Width	9m Diameter	40m Length x 5m Width
<b>Angle of Detection</b>	360°	•	•	•	•
<b>Light ON Time after last</b>	Seconds (min.)	10	10	10	10
<b>Detection (Adjustable)</b>	Minutes (max.)	30	30	30	30
<b>Standby (Adjustable)</b>	Minutes	1 – 30	1 – 30	1 – 30	1 – 30
<b>Remote Control</b>	IRRDALI	•	•	•	•
<b>Rated Power</b>	3.8W Max	•	•	•	•
<b>Output Voltage</b>	16V DC	•	•	•	•
<b>Output Current</b>	220mA	•	•	•	•
<b>EC Directives</b>	Conforms to Latest Directives	•	•	•	•
<b>Ceiling Cut Out (mm)</b>	Height x Width x Depth	140 x 140 x 51	140 x 140 x 65.7	99 x 99 x 74	99 x 99 x 88.8
		•	•	68	68
<b>Dimensions (mm)</b>	Height x Width x Depth	140 x 140 x 51	140 x 140 x 65.7	99 x 99 x 74	99 x 99 x 88.8



See pages 22 - 23 for Product Information.



	theMova S360	thePrema S360	theLuxa S150	theLuxa S180	theLuxa S360
<b>Operating Voltage</b>	230V AC	•	•	•	•
<b>1 or 2 Channel</b>	1 Channel	1 Channel	1 Channel	1 Channel	1 Channel
<b>Controls LED Lighting</b>	<2W	25W	60W	25W	25W
	2 - 8W	70W	180W	90W	90W
	>8W	80W	200W	100W	100W
<b>1st Channel Filament/Halogen Loading (W)</b>	2300	2300	2300	2300	2300
<b>1st Channel Fluorescent/Low Energy Loading (W)</b>	1150VA	1150VA	400VA	400VA	400VA
<b>Weatherproof Rating</b>	IP40	IP40	IP55	IP55	IP55
<b>Detection</b>	Metres (max.)	7	64	12	12
<b>Angle of Detection</b>	360°	•	•	150°	180°
<b>Light ON Time after last</b>	Seconds (min.)	10	10	1	1
<b>Detection (Adjustable)</b>	Minutes (max.)	60	60	20	20
<b>Permanent ON Facility</b>	Electronic	•	•	•	•
<b>Adjustable Light Level Control</b>	LUX	30 - 3000	5 - 3000	5 - 1000	5 - 1000
<b>EC Directives</b>	Conforms to Latest Directives	•	•	•	•
<b>Dimensions (mm)</b>	Height x Width x Depth	97 x 60 x 60	77 x 110 x 110	99.6 x 85 x 127	99.6 x 85 x 127
					100 x 85 x 136.5



See page 27 for Product Information.



	DS1/DSS	DS2	DS4	DS3HD
<b>Switch Type</b>	Single	•	•	•
<b>Controls LED Lighting</b>	Max.	10W*	10W	150W
	Filament Lamps	1.5kW	1.5kW	4kW
<b>Permissible Loads</b>	Low Voltage	20 - 200W	20 - 200W	20 - 200W
	Fluorescent			700W
<b>Adjustable Time Delay</b>	Minimum (approx.)	10 Seconds	3 Seconds	10 Seconds
	Maximum (approx.)	10 Minutes	2 Hours	10 Minutes
<b>Operating Voltage</b>	230V AC	•	•	•
<b>Operating Temperature</b>	-10°C to 40°C	•	•	•
<b>Light ON Time</b>	Adjustable	•	•	•
<b>Weatherproof Rating</b>	IP65	•	•	•
<b>EC Directives</b>	Conforms to Latest Directives	•	•	•
<b>Dimensions (mm)</b>	Height x Width x Depth	86 x 86 x 20	86 x 86 x 20	85 x 85 x 45
				94 x 94 x 57

Note: DS2 heating load 2kW, inductive 4A, motor 1hp. RLS010 remote control range 8m (uses 3x AAA batteries - not supplied). \* The DS1 and DSS need to be permanently powered which is achieved through the switched Live. As such, some LED and CFL lamps may glow or flash whilst this product is in the 'OFF' position. This glow/flash can be eliminated by adding the Timeguard ZV900 Automatic Switch Load Controller to the circuit. The LED switching capabilities of all these products can be increased up to 200W with the addition of the Timeguard ZV900 Automatic Switch Load Controller. The ZV900 is sold separately.



See pages 20 - 21 for Product Information.



	HF1	HF2R
<b>Switch Type</b>	High Frequency Detector (Microwave) - 1 Channel	High Frequency Detector (Microwave) - 1 Channel
<b>Filament/Halogen Loading</b>	1000W	1000W
<b>Controls LED Lighting</b>	Max.	100W
<b>Fluorescent &amp; Low Energy Lighting</b>	500VA	440VA
<b>Weatherproof Rating</b>	IP20	•
<b>Detection</b>	Metres (max.)	6m Diameter
		7.5m Diameter
<b>Angle of Detection</b>	360°	•
<b>Light ON Time after last</b>	Seconds (min.)	3
		30
<b>Detection (Adjustable)</b>	Minutes (max.)	30
<b>Permanent ON Facility</b>	Electronic	•
<b>Light Level Sensing</b>	Adjustable	•
<b>Concealed Front Panel</b>	•	•
<b>EC Directives</b>	Conforms to Latest Directives	•
<b>Dimensions (mm)</b>	Height x Width x Depth	118 x 118 x 50
		90 x 90 x 41



See pages 28 - 29 for Product Information.



	SLW2400	MTLW3000	MLB3000 MLW3000	MLSA360N	NSLDD1000	MLTP180BK MLTP180WH	SLB2300 SLW2300	SLB2300RF SLW2300RF
<b>Operating Voltage</b>	230V AC	•	•	•	•	•	•	•
<b>Lamp Load (W)</b>	Fluorescent/Low Energy	500	500	500	500	500	500	500
	Filament	2000	3000	3000	3000	2300	2300	2300
<b>Controls LED Lighting</b>			140W	140W	80W*	500W	250W	250W
<b>Weatherproof Rating</b>	IP55	IP44	•	IP45	•	•	•	•
<b>Detection Range</b>	Metres (max.)	12	12	12	Dusk to Dawn	12	12	12
<b>Angle of Detection</b>	360°	180°	200°	200°	360°	Dusk to Dawn	180°	180°
<b>Dusk to Timed OFF</b>	Selectable				2 to 8 Hours or Dawn			
<b>Light ON Time after last</b>	Seconds (min.)	5	5	5	5	2	5	3
	Minutes (max.)	18	18	18	12	30	15	18
<b>Permanent ON Facility</b>	Electronic	•	•	•	•	•	•	•
<b>Adjustable Light Level Control</b>	•	•	•	•	•	•	•	•
<b>Remote Control</b>	LEDPROFOB	•	•	•	•	•	•	•
<b>EC Directives</b>	Conforms to Latest Directives	•	•	•	•	•	•	•
<b>Guarantee</b>		3 Year	5 Year	3 Year	3 Year	3 Year	3 Year	3 Year
<b>Dimensions (mm)</b>	Height x Width x Depth	73 x 87 x 121	73 x 87 x 121	135 x 70 x 125	95 x 80 x 125	95 x 80 x 45	82 x 82 x 67	93 x 78 x 141
								93 x 78 x 141

Note: \*The LED switching capabilities of this product can be increased up to 200W with the addition of the Timeguard ZV900 Automatic Switch Load Controller. The ZV900 is sold separately.



See page 26 for Product Information.



	ZV700B	ZV210	ZV215	ZV810	ZV900
<b>Switch Type</b>	Single or Double Gang	Single/2 Way	Single/2 Way	Double/2 Way	Single/2 Way
<b>Filament Load</b>	40W min. up to max.	400W	300W	300W	500W
	Resistive (max.)				6A
	Inductive (max.)				5A
<b>Output Load Capability</b>	LED	20W	20W	20W	20W
	Low Energy	11 to 150W	Up to 85W	Up to 85W	40 to 150W
	Low Voltage	20 to 200W	with adaptor FLA01*	with adaptor FLA01*	15 to 150W*
	Fluorescent (max.)	18 to 76W	•	•	18 to 150W
		• (Optional)	•	•	•
<b>Light Level Sensing</b>	Adjustable	•	•	•	•
<b>Light ON Time</b>	Adjustable	•	•	•	•
<b>Weatherproof Rating</b>	IP20	•	•	•	•
<b>Cable Provision</b>					2x 1mm Solid Core Cable, 2x 1mm Twin and Earth Flat Cable
<b>Power Consumption</b>					<1W
<b>Fixing Hole Centres</b>					110mm
<b>Operating Temperature</b>	0° to 40°C				•
<b>Concealed Front Panel</b>					•
<b>EC Directives</b>	Conforms to Latest Directives	•	•	•	•
<b>Dimensions (mm)</b>	Height (Open)	115	122	122	135
	Height (Closed) x Width x Depth	86 x 86 x 50	86 x 86 x 22	86 x 86 x 22	86 x 86 x 38
					28 x 119 x 42

Note: Cannot be used with dimmer or other electronic switches in two way switching systems or replace an intermediate switch in three or more way switching systems. Unsuitable for use with discharge and LED lighting. These products need to be permanently powered which is achieved through the switched Live. As such, some LED and CFL lamps may glow or flash whilst this product is in the 'OFF' position. This glow/flash can be eliminated by adding the Timeguard ZV900 Automatic Switch Load Controller to the circuit. The LED switching capabilities of this product can be increased up to 200W by the addition of the Timeguard ZV900 Automatic Switch Load Controller. The ZV900 is sold separately. \*ZV810 Philips or Osram bulbs only. ZV900: Specifically designed to operate with Timeguard ZV700, ZV700B, ZV210, ZV215, DS1, ZV810, NMT01, NMT02, NMT01, NMT02, NMT01, NMT02, NMT03, NMT04, NMT05, NMT06, NMT07 and NMT08 when used with LED or CFL lighting.



See pages 30 - 31 for Product Information.



	LEDPRO10B	LEDPRO10WH	LEDPRO20B	LEDPRO20WH	LEDPRO30B	LEDPRO30WH	LEDPRO50B	LEDPRO50WH	LEDPROSLB LEDPROSLWH	LEDPROFKB LEDPROFKWH	LEDPROPCB LEDPROPCWH
<b>Operating Voltage</b>	230V AC	•	•	•	•	•	•	•	•	•	•
<b>Maximum Light Load</b>	Internal (W)	10	10	20	20	30	30	50	50	•	•
<b>LED Brightness</b>	Minimum Lumen	650	750	1400	1500	2050	2100	3500	3600	•	•
<b>Optional Modes</b>	Dusk to Dawn/Permanent ON/Test	•	•	•	•	•	•	•	•	•	•
<b>Weatherproof Rating</b>	IP65	•	•	•	•	•	•	•	•	IP55	IP55
<b>Detection Range</b>	Metres (max.)									12	12
<b>Angle of Detection</b>										180°	180°
<b>Light ON Time after last</b>	Seconds (min.)									3	3
<b>Detection (Adjustable)</b>	Minutes (max.)									18	18
<b>Adjustable Light Level Control (LUX)</b>										2 to 1000	2 to 1000
<b>Remote Control</b>	LEDPROFOB	•	•	•	•	•	•	•	•	•	•
<b>EC Directives</b>	Conforms to Latest Directives	•	•	•	•	•	•	•	•	•	•
<b>Dimensions (mm)</b>	Height x Width x Depth	155 x 117 x 60	155 x 117 x 60	205 x 158 x 63	205 x 158 x 63	265 x 197 x 66	265 x 197 x 66	335 x 252 x 69	335 x 252 x 69	91 x 78 x 73	114 x 78 x 127
											114 x 78 x 127



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See pages 32 - 33 for Product Information.



	LEDX10PIRB	LEDX10PIRWH	LEDCST10PIRB LEDCST10PIRWH	LEDX20PIRB	LEDX20PIRWH	LEDCST20PIRB LEDCST20PIRWH	LEDX30PIRB	LEDX30PIRWH	LEDCST30PIRB LEDCST30PIRWH	
Operating Voltage	230V AC									
Maximum Light Load	Internal (W)									
LED Brightness	Minimum Lumen	685	750	750	1260	1325	1500	2115	2310	2250
Optional Modes	Dusk to Dawn/Permanent ON/Test									
Coastal Grade Construction										
Weatherproof Rating	IP55									
Detection Range	Metres (max.)									
Angle of Detection	180°									
Light ON Time after last	Seconds (min.)									
Detection (Adjustable)	Minutes (max.)									
Adjustable Light Level Control	LUX									
Slave Terminal	200W LED (max.)									
Parallel Switching	1000W Halogen (max.)									
	648W Fluorescent (max.)									
	Up to 4x PIR Floodlights									
EC Directives	Conforms to Latest Directives									
	Height									
	Width									
Dimensions (mm)	Depth									



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See pages 32 - 33 for Product Information.



	LEDX10FLB	LEDX10FLWH	LEDCST10B LEDCST10WH	LEDX20FLB	LEDX20FLWH	LEDCST20B LEDCST20WH	LEDX30FLB	LEDX30FLWH	LEDCST30B LEDCST30WH	
Operating Voltage	230V AC									
Maximum Light Load	Internal (W)									
LED Brightness	Minimum Lumen	685	750	750	1260	1325	1500	2115	2310	2250
Coastal Grade Construction										
Weatherproof Rating	IP55									
EC Directives	Conforms to Latest Directives									
Dimensions (mm)	Height									
	Width									
	Depth									



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See pages 34 - 35 for Product Information.



	LED400PIRB LED400PIRWH	LED400FLB LED400FLWH	LED200PIRBE LED200PIRWE	LED200FLBE LED200FLWE	LED100PIRBE LED100PIRWE	LED100FLBE LED100FLWE	
Operating Voltage	230V AC						
Maximum Light Load	Internal (W)						
LED Brightness	Minimum Lumen	2000	2000	2x 840	2x 840	840	840
Adjustable ON Time	Plus Dusk to Dawn						
Weatherproof Rating	IP55						
Detection Range	Metres (max.)						
Angle of Detection	180°						
Light ON Time after last	Seconds (min.)						
Detection (Adjustable)	Minutes (max.)						
Adjustable Light Level Control	LUX						
Slave Terminal	Up to 100W Additional LED Lighting						
Parallel Switching	Up to 4x PIR Floodlights						
EC Directives	Conforms to Latest Directives						
Registered Design Number	001346449-0006		001346449-0005				
Dimensions (mm)	Height						
	Width						
	Depth						



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See pages 36 - 37 for Product Information.



	LEDMRQ18WH	LEDMRQ18WHEM	LEDMRQ18WHMS	LEDMRQ18WHEMMS
Version	Mains	Emergency	Microwave Detection	Microwave & Emergency
Operating Voltage	230V AC			
Maximum Light Load	Internal (W)			
LED Brightness	Minimum Lumen	1680	1680	1680
Emergency Output	50% Total Light Output - Lumen			
Emergency Duration	Hours			
Weatherproof Rating	IP20			
Detection Range	2.5m Mounting Height			
Angle of Detection	360° Ceiling, 180° Wall Mounted			
Light ON Time after last	Seconds (min.)			
Detection (Adjustable)	Minutes (max.)			
Adjustable Light Level Control	LUX			
EC Directives	Conforms to Latest Directives			
Dimensions (mm)	Height			
	Width			
	Depth			



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See page 38 for Product Information.



	LEDLRIP18WH	LEDLRIP18WHEM	LEDLRIP18WHMS
Version	Mains	Emergency	Microwave Detection
Operating Voltage	230V AC		
Maximum Light Load	Internal (W)		
LED Brightness	Minimum Lumen	1100	1100
Emergency Output	50% Total Light Output - Lumen		
Emergency Duration	Hours		
Weatherproof Rating	IP65		
Detection Range	2.5m Mounting Height		
Angle of Detection	360° Ceiling, 180° Wall Mounted		
Light ON Time after last	Seconds (min.)		
Detection (Adjustable)	Minutes (max.)		
Adjustable Light Level Control	LUX		
EC Directives	Conforms to Latest Directives		
Dimensions (mm)	Height		
	Width		
	Depth		



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See page 39 for Product Information.



	LEDMR18WH	LEDMR18WHMS	LEDSO12B LEDSO12WH	LEDSR12B LEDSR12WH	LEDSR12WHMS
Version	Mains	Microwave Detection	Mains	Mains	Microwave Detection
Operating Voltage	230V AC				
Maximum Light Load	Internal (W)				
LED Brightness	Minimum Lumen	1200	1200	850	850
Weatherproof Rating	IP44				
Detection Range	2.5m Mounting Height				
Angle of Detection	360° Ceiling, 180° Wall Mounted				
Light ON Time after last	Seconds (min.)				
Detection (Adjustable)	Minutes (max.)				
Adjustable Light Level Control	LUX				
EC Directives	Conforms to Latest Directives				
Dimensions (mm)	Height				
	Width				
	Depth				



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See pages 40 - 41 for Product Information.



		LEDBHR7W	LEDBHR15W	LEDBHR25W	LEDBH09W	LEDBH015W	LEDBH025W	LEDBHR25ELB	LEDBHR25CB
<b>Operating Voltage</b>	230V AC	•	•	•	•	•	•	•	•
<b>Maximum Light Load</b>	Internal (W)	7	15	25	9	15	25	25	25
<b>LED Brightness</b>	Minimum Lumen	450	900	1580	530	900	1580	1100	1800
<b>Weatherproof Rating</b>	IP65	•	•	•	•	•	•	•	•
<b>EC Directives</b>	Conforms to Latest Directives	•	•	•	•	•	•	•	•
<b>Dimensions (mm)</b>	Height	150	185	240	150	210	265	240	240
	Width	150	185	240	95	125	160	240	240
	Depth	55	65	70	50	65	85	70	70



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See page 42 for Product Information.



		LEDBH010W	LEDBHRE10W	LEDBH020W	LEDBHRE20W
<b>Operating Voltage</b>	230V AC	•	•	•	•
<b>Maximum Light Load</b>	Internal (W)	10	10	20	20
<b>LED Brightness</b>	Minimum Lumen	650	700	1270	1220
<b>Weatherproof Rating</b>	IP65	•	•	•	•
<b>EC Directives</b>	Conforms to Latest Directives	•	•	•	•
<b>Dimensions (mm)</b>	Height	218	218	278	278
	Width	133	133	182	182
	Depth	57	57	80	80



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See pages 44 - 45 for Product Information.



		CLLED44PIRB CLLED45PIRWH	CLLED42B CLLED43WH	CLLEDH44PIRB CLLEDH45PIRWH	CLLEDH42B CLLEDH43WH
<b>Operating Voltage</b>	230V AC	•	•	•	•
<b>Maximum Light Load</b>	Internal (W)	4	4	4	4
<b>LED Brightness</b>	Min. lumen	335	335	335	335
<b>Weatherproof Rating</b>	IP44	•	•	•	•
<b>Detection Range</b>	Metres (max.)	8	•	5 - 8	•
<b>Angle of Detection</b>		150	•	150	•
<b>Light ON Time after Last Detection</b>		100 Seconds (Fixed)	•	10 Seconds to 8 Minutes	•
<b>Adjustable Light Level Control</b>	LUX	30/60	•	30/60	•
<b>EC Directives</b>	Conforms to Latest Directives	•	•	•	•
<b>Dimensions (mm)</b>	Height	376	355	486	486
	Width	170	170	265	265
	Depth	217	221	140	140



3 YEAR GUARANTEE INCLUDED

See pages 46 - 47 for Product Information.



		LEDL1DG LEDL1WH	LEDL2DG	LEDL3DG LEDL3WH	LEDL4DG LEDL4WH	LEDL5DG	LEDL6DG	LEDL9DG
<b>Operating Voltage</b>	230V AC	•	•	•	•	•	•	•
<b>Maximum Light Load</b>	Internal (W)	1.6	0.8	1.3	1.1	1.4	3.0	3.8
<b>LED Brightness</b>	Minimum Lumen	67	20	50	40	92	166	245
<b>Weatherproof Rating</b>	IP65	•	•	•	•	•	•	•
<b>EC Directives</b>	Conforms to Latest Directives	•	•	•	•	•	•	•
<b>Dimensions (mm)</b>	Height	80	200	150	125	60	70	80
	Width	230	80	150	125	100	160	220
	Depth	27	27	27	27	33	33	36



3 YEAR GUARANTEE INCLUDED

See page 48 for Product Information.



		UDSS1	UDB1	UDSS2	UDB2	UDSS3	UDB3
<b>Operating Voltage</b>	230V AC	•	•	•	•	•	•
<b>Recommended Bulb Type</b>	35W Halogen GU10 or LED Equivalent*	•	•	•	•	•	•
<b>Weatherproof Rating</b>	IP65	•	•	•	•	•	•
<b>EC Directives</b>	Conforms to Latest Directives	•	•	•	•	•	•
<b>Dimensions (mm)</b>	Height	118	118	158	158	158	158
	Width	78	78	78	78	78	78
	Depth	85	85	85	85	85	85

Note: \*Lamp not supplied.



3 YEAR GUARANTEE INCLUDED

See pages 49 and 50 for Product Information.



		LED88PIR	LED88	LEDMF70FLB	LEDMF100FLB	LEDMF150FLB
<b>Operating Voltage</b>	230V AC	•	•	•	•	•
<b>Maximum Light Load</b>	Internal (W)	5	5	70	100	150
<b>LED Brightness</b>	Minimum Lumen	310	310	5840	8130	11220
<b>Adjustable ON Time</b>	Plus Dusk to Dawn	•	•	•	•	•
<b>Weatherproof Rating</b>	IP65	IP55	IP55	•	•	•
<b>Detection Range</b>	Metres (max.)	7	•	•	•	•
<b>Angle of Detection</b>		140°	•	•	•	•
<b>Light ON Time after last Detection (Adjustable)</b>	Seconds (min.)	5	•	•	•	•
	Minutes (max.)	10	•	•	•	•
<b>Adjustable Light Level Control</b>	LUX	2 to 200	•	•	•	•
<b>EC Directives</b>	Conforms to Latest Directives	•	•	•	•	•
<b>Dimensions (mm)</b>	Height	205	205	335	375	375
	Width	108	108	285	310	310
	Depth	73	64	78	88	88



3 YEAR GUARANTEE INCLUDED

See page 50 for Product Information.



		SLB88 SLW89
<b>Operating Voltage</b>	230V AC	•
<b>Maximum Light Load (W)</b>	Internal 'C' Class Bulb	45W Halogen
<b>Tungsten/Halogen/Incandescent</b>	External	455
<b>Fluorescent/Low Energy</b>	External	100
<b>Weatherproof Rating</b>	IP55	IP44
<b>Detection Range</b>	Metres (max.)	8
<b>Angle of Detection</b>		360°
<b>Light ON Time after last Detection (Adjustable)</b>	Seconds (min.)	5
	Minutes (max.)	5
<b>Permanent ON Facility</b>	Electronic	•
<b>Adjustable Light Level Control</b>		•
<b>EC Directives</b>	Conforms to Latest Directives	•
<b>Dimensions (mm)</b>	Height	255
	Width	115
	Depth	110

Note: SLB88 and SLW89, can be wired in parallel to enable any detector to turn ON all the lights connected. The load must not exceed the lamp rating of a single unit.



See pages 52 – 53 for Product Information.



		TFA01W	TFP02WL	TFA03M	TFP04ML	TFA05W	TFP06WL	TFA07M	TFP08ML	TFP10WL
Type	Latching or Non-Latching	Active	Passive	Active	Passive	Active	Passive	Active	Passive	Passive
Operating Voltage	230V AC	•	•	•	•	•	•	•	•	•
Current Rating	Fully Complies with BS1363	•	•	•	•	•	•	•	•	13A
Rated Trip Current	30mA	•	•	•	•	•	•	•	•	•
Trip Speed	BS7288 – 40ms	•	•	•	•	•	•	•	•	•
Contact Break	Double Pole	•	•	•	•	•	•	•	•	•
Continues to Protect with	Lost Neutral & Pulsating DC Earth Fault	•	•	•	•	•	•	•	•	•
Cable Capacity	3x 2.5mm <sup>2</sup>	•	•	•	•	•	•	•	•	Up to 10.5mm <sup>2</sup>
EC Directives	Conforms to Latest Directives	•	•	•	•	•	•	•	•	•
Dimensions (mm)	Height	85	85	87	87	85	85	87	87	85
	Width	85	85	87	87	146	146	148	148	85
	Depth	20	20	55	55	20	20	55	55	20
Min. Box Depth	25mm	•	•	•	•	•	•	•	•	•
Surface Mount Wall Box	Supplied	•	•	•	•	•	•	•	•	•

Note: Metal RCD Sockets supplied with a 40mm BS metal surface wall box.



See page 53 for Product Information.



		RCD05WAV	RCD06WPV	RCD07MAV	RCD08MPV
Type	Latching or Non-Latching	Active	Passive	Active	Passive
Operating Voltage	230V AC	•	•	•	•
Current Rating	Fully Complies with BS1363	•	•	•	•
Rated Trip Current	30mA	•	•	•	•
Trip Speed	BS7288 – 40ms	•	•	•	•
Contact Break	Double Pole	•	•	•	•
Continues to Protect with	Lost Neutral & Pulsating DC Earth Fault	•	•	•	•
Cable Capacity	3x 2.5mm <sup>2</sup>	•	•	•	•
EC Directives	Conforms to Latest Directives	•	•	•	•
Dimensions (mm)	Height	86	86	87	87
	Width	147	147	148	148
	Depth	42.5	42.5	56	56
Min. Box Depth	25mm	•	•	•	•
Surface Mount Wall Box	Supplied	•	•	•	•

Note: Metal RCD Sockets supplied with a 40mm BS metal surface wall box.



See pages 53 – 54 for Product Information.



		RCD10WPV	RCD16ML	CB008
Type	Latching or Non-Latching	Passive	Passive	Active
Operating Voltage	230V AC	•	•	•
Current Rating	Fully Complies with BS1363	•	13A	•
Rated Trip Current	30mA	•	•	•
Trip Speed	BS7288 – 40ms	•	•	BS7071 – 40ms
Contact Break	Double Pole	•	•	•
Continues to Protect with	Lost Neutral & Pulsating DC Earth Fault	•	•	•
Cable Capacity	3x 2.5mm <sup>2</sup>	•	Up to 10.5mm <sup>2</sup>	•
EC Directives	Conforms to Latest Directives	•	•	•
Dimensions (mm)	Height	85	85	127
	Width	85	85	60
	Depth	49.6	30	70
Min. Box Depth	25mm	•	•	•
Surface Mount Wall Box	Supplied	•	•	•

Note: Metal RCD Sockets supplied with a 40mm BS metal surface wall box.



See pages 55 – 56 for Product Information.



		TGV101N	TGV103N	TGV104N
Weathersafe Range	Vision	Switched Socket	Fused Spur	RCD Fused Spur
Type	Switched Socket	•	•	•
Weatherproof Rating	IP66	•	•	•
Operating Voltage	230V AC	•	•	•
Rocker Switch Poles	1	•	•	•
Rocker Switch Rating	230V 13 Amp (3kW)	•	•	•
Operating Temperature	-5°C to 55°C	•	•	0° to 40°C
Integral BS1362 Fuse	•	•	•	•
Trip Speed	BS7288 – 40ms	•	•	•
RCD Contact Break	Double Pole	•	•	•
Continues to Protect with	Lost Neutral & Pulsating DC Earth Fault	•	•	•
Cable Capacity	3x 2.5mm <sup>2</sup>	•	•	•
EC Directives	Conforms to Latest Directives	•	•	•
Registered Design Number		000522784-0003	000522784-0003	000522784-0003
Dimensions (mm)	Height	142.5	142.5	142.5
	Width	117	117	117
	Depth	75.5	75.5	75.5



See pages 56 – 57 for Product Information.



		TGV201N	TGV204N	TGV205N
Weathersafe Range	Vision	Switched Socket	Switched RCD Socket – Passive	Switched RCD Socket – Active
Type	Switched Socket	•	•	•
Weatherproof Rating	IP66	•	•	•
Operating Voltage	230V AC	•	•	•
Rocker Switch Poles	1	•	1	1
Rocker Switch Rating	230V 13 Amp (3kW)	•	•	•
Operating Temperature	0°C to 40°C	•	•	•
Trip Speed	BS7288 – 40ms	•	•	•
RCD Contact Break	Double Pole	•	•	•
Continues to Protect with	Lost Neutral & Pulsating DC Earth Fault	•	•	•
Cable Capacity	3x 2.5mm <sup>2</sup>	•	•	•
EC Directives	Conforms to Latest Directives	•	•	•
Registered Design Number		000522784-0004	000522784-0004	000522784-0004
Dimensions (mm)	Height	142.5	142.5	142.5
	Width	157	157	157
	Depth	75.5	75.5	75.5



See page 55 for Product Information.



		FSTWIFITGV
Timer Mode		Boost
Setting Type		Wi-Fi and 4G (Controlled by App)
App Availability		Android and iOS
App Supports	Multiple devices and users	•
Wi-Fi Specification	GHz b/g/n	2.4
Frequency Range	GHz	2.412 – 2.484
Boost Duration		1 and 2
Switch Type	Single Pole ON/OFF	•
Controls LED Lighting	Max.	500W
Weatherproof Rating		IP66
Operating Voltage	230V AC	•
Switch Rating 230V AC	13A Resistive (3kW)	•
Operating Temperature	0°C to 40°C	•
Integral BS1362 Fuse & DP Switch		•
EC Directives	Conforms to Latest Directives	•
Dimensions (mm)	Height	85
	Width	85
	Depth	44

Note: FSTWIFITGV can be used with up to 5A of inductive loads, 1000W incandescent/halogen, 100W CFL and 500W fluorescent and LED lighting. Cannot be used with discharge lighting.



	WXT101N Extreme	WXT103N Extreme	WXT104N Extreme
<b>Weathersafe Range</b>	Switched Socket	Fused Spur	RCD Fused Spur
<b>Type</b>	•	•	•
<b>Weatherproof Rating</b>	IP66	•	•
<b>Operating Voltage</b>	230V AC	•	•
<b>Rocker Switch Poles</b>	1	•	•
<b>Rocker Switch Rating</b>	230V 13 Amp (3kW)	•	•
<b>Operating Temperature</b>	-5°C to 55°C	•	0° to 40°C
<b>Integral BS1362 Fuse</b>	•	•	•
<b>Trip Speed</b>	BS7288 – 40ms	•	•
<b>RCD Contact Break</b>	Double Pole	•	•
<b>Continues to Protect with</b>	Lost Neutral & Pulsating DC Earth Fault	•	•
<b>Cable Capacity</b>	3x 2.5mm <sup>2</sup>	•	•
<b>EC Directives</b>	Conforms to Latest Directives	•	•
<b>Registered Design Number</b>	000522784-0003	000522784-0003	000522784-0003
<b>Dimensions (mm)</b>	Height	142.5	142.5
	Width	117	117
	Depth	75.5	75.5



	WXT201N Extreme	WXT204N Extreme	WXT205N Extreme
<b>Weathersafe Range</b>	Switched Socket	Switched RCD Socket – Passive	Switched RCD Socket – Active
<b>Type</b>	•	•	•
<b>Weatherproof Rating</b>	IP66	•	•
<b>Operating Voltage</b>	230V AC	•	•
<b>Rocker Switch Poles</b>	1	1	1
<b>Rocker Switch Rating</b>	230V 13 Amp (3kW)	•	•
<b>Operating Temperature</b>	0°C to 40°C	•	•
<b>Trip Speed</b>	BS7288 – 40ms	•	•
<b>RCD Contact Break</b>	Double Pole	•	•
<b>Continues to Protect with</b>	Lost Neutral & Pulsating DC Earth Fault	•	•
<b>Cable Capacity</b>	3x 2.5mm <sup>2</sup>	•	•
<b>EC Directives</b>	Conforms to Latest Directives	•	•
<b>Registered Design Number</b>	000522784-0004	000522784-0004	000522784-0004
<b>Dimensions (mm)</b>	Height	142.5	142.5
	Width	157	157
	Depth	75.5	75.5



	TGVL01 Vision/Extreme	TGVL02 Vision/Extreme	TGVL03 Vision/Extreme	TGVL05 Vision/Extreme
<b>Weathersafe Range</b>	2-Way Switch – SP	Twin Gang 2-Way Switch – SP	Bell Push Switch – SP	Single Gang Switch – DP
<b>Type</b>	•	•	•	•
<b>Weatherproof Rating</b>	IP66	•	•	•
<b>Operating Voltage</b>	230V AC	•	•	•
<b>Rocker Switch Poles</b>	1	1	1	2
<b>Rocker Switch Rating</b>	230V 13 Amp (3kW)	10 AX	10 AX	20 AX
<b>Operating Temperature</b>	-5°C to 55°C	•	•	•
<b>Cable Capacity</b>	3x 2.5mm <sup>2</sup>	•	•	•
<b>EC Directives</b>	Conforms to Latest Directives	BS60669	BS60669	BS60669
<b>Registered Design Number</b>	000522784-0001	000522784-0002	000522784-0001	000522784-0002
<b>Dimensions (mm)</b>	Height	96	96	96
	Width	92	92	92
	Depth	66	66	66



	WP401 Weathersafe	WPM02 Weathersafe
<b>Weathersafe Range</b>	4 Way Connector Box	2 Way Mini Box
<b>Type</b>	•	•
<b>Weatherproof Rating</b>	IP65	IP66
<b>Operating Voltage</b>	230V AC	•
<b>Operating Temperature</b>	0°C to 40°C	•
<b>Cable Capacity</b>	5x 2.5mm <sup>2</sup>	3x 2.5mm <sup>2</sup>
<b>Dimensions (mm)</b>	Height	335
	Width	220
	Depth	107



	WXT68IL16 Vision/Extreme	WXT68IL20 Vision/Extreme	WXT68T20 Vision/Extreme	WXT68JB25 Vision/Extreme
<b>Weathersafe Range</b>	In-Line Connector	In-Line Connector	'T' Connector	Junction Box
<b>Type</b>	•	•	•	•
<b>Weatherproof Rating</b>	IP68	•	•	•
<b>Operating Voltage</b>	230V AC	•	•	•
<b>Current Rating</b>	16A	20A	20A	25A
<b>Operating Temperature</b>	-5°C to 55°C	•	•	•
<b>Cable Capacity</b>	3x 2.5mm <sup>2</sup>	•	•	•
<b>EC Directives</b>	Conforms to Latest Directives	•	•	•
<b>Dimensions (mm)</b>	Height	24	32	40
	Width	77	124	115
	Depth	24	32	95



See pages 63 - 64 for Product Information.



	TPS101	TPS201	TPS203	TPS401
<b>Type</b>	Single Gang Socket	Twin Gang Socket	Combined 13A Socket & DP Switch	Multi Box with 4 Gang 13A Socket Strip
<b>Weatherproof Rating</b>	IP55	IP55	IP55	IP55
<b>Operating Voltage</b>	230V 13 Amp (3kW)	•	•	•
<b>Rocker Switch Poles</b>	•	•	2	•
<b>Rocker Switch Rating</b>	230V 13 Amp (3kW)	•	•	•
<b>Operating Temperature</b>	0°C to 40°C	•	•	•
<b>RCD Trip Speed</b>	BS7288 - 40ms	•	•	•
<b>Continues to Protect with</b>	Lost Neutral & Pulsating DC Earth Fault	•	•	•
<b>Cable Capacity</b>	3x 2.5mm <sup>2</sup>	•	•	5x 2.5mm <sup>2</sup>
<b>EC Directives</b>	Conforms to Latest Directives	•	•	•
<b>Dimensions (mm)</b>	Height	70	70	265
	Width	70	147	355
	Depth	54	54	120



See page 64 for Product Information.



	TPSL01	TPSL02	TPSL03	TPSL04
<b>Type</b>	2 Way	2 Gang 2 Way	Bell	DP Switch
<b>Weatherproof Rating</b>	IP55	IP55	IP55	IP55
<b>Operating Voltage</b>	230V 13 Amp (3kW)	•	•	•
<b>Rocker Switch Poles</b>	1	1	1	2
<b>Rocker Switch Rating</b>	230V 13 Amp (3kW)	10 AX	10 AX	20 AX
<b>Operating Temperature</b>	0°C to 40°C	•	•	•
<b>Cable Capacity</b>	3x 2.5mm <sup>2</sup>	•	•	•
<b>EC Directives</b>	Conforms to Latest Directives	•	•	•
<b>Dimensions (mm)</b>	Height	70	70	70
	Width	70	70	70
	Depth	55	55	55



See page 66 for Product Information.



	IS3N-20	IS4N-20	IS3N-32	IS4N-32	IS4N-40	IS4N-63	IS4N-100
<b>Weatherproof Rating</b>	IP65	•	•	•	•	•	•
<b>Operating Voltage</b>	230V AC	•	•	•	•	•	•
<b>Rotary Switch Poles</b>	3 or 4	4	3	4	4	4	4
<b>Rotary Switch Rating</b>	Amps	20	20	32	32	40	63
<b>Operating Temperature</b>	0°C to 40°C	•	•	•	•	•	•
<b>On Load Switch Disconnectors</b>	•	•	•	•	•	•	•
<b>EC Directives</b>	Conforms to Latest Directives	•	•	•	•	•	•
<b>Dimensions (mm)</b>	Height	100	100	125	125	175	240
	Width	80	80	98	98	111	155
	Depth	100	100	120	120	135	160



See page 67 for Product Information.



		EACP1N	EARB1N	EADF1N	EAPC1N
<b>Switch Type</b>	Single or Double Gang	Double	Single	Single	Surface Mount
<b>Operating Voltage</b>	230V AC	•	•	•	•
<b>Unit Finish</b>	White Plastic	•	•	•	•
<b>Zone Detection</b>	•	Single	•	•	•
<b>Alarm</b>	80dB at 30cm (Continuous)	•	•	•	•
<b>System 'Live' Status</b>	•	•	•	•	•
<b>Cable Capacity</b>	3x 1.5mm <sup>2</sup>	•	•	•	•
	7/0.2	•	•	•	•
<b>EC Directives</b>	Conforms to Latest Directives	•	•	•	•
<b>Dimensions (mm)</b>	Height	85	85	85	85
	Width	145	85	85	85
	Depth	33	29	32	30
<b>Min. Box Depth</b>	mm	26	16	16	•



See page 68 for Product Information.



		SPA3G	SPS6G	SPS8G	SPS10G
<b>Number of Ways</b>		3	6	8	10
<b>Operating Voltage</b>	230V AC	•	•	•	•
<b>Surge Rating (max.)</b>	4500A	•	•	•	•
<b>Mains Protection Mode</b>	L-N, N-E, L-E	•	•	•	•
<b>Maximum Current</b>	13A (3kW)	•	•	•	•
<b>Operating Temp Range</b>	0°C to 40°C	•	•	•	•
<b>Factory Fitted Fuse</b>	BS1362 13A	•	•	•	•
<b>Power Consumption</b>	0.2W	•	•	•	•
<b>EC Directives</b>	Conforms to Latest Directives	•	•	•	•
<b>Dimensions (mm)</b>	Height	65	60	150	125
	Width	50	380	365	380
	Depth	80	25	30	25



See pages 70, 71 & 77 for Product Information.

		TRT030N	TRT030DN	TRT031N	TRT032N	TRT044
Setting Type	Dial (Electronic)	•	Dial with LED Display	•	•	•
Mains Linked Contacts	Single Pole Single Throw (SPST)	•	•	•	•	SPDT
Operating Voltage	230V AC	•	•	•	•	•
Switch Rating 230V AC	6A Resistive	•	•	•	•	16
	2A Inductive	•	•	•	•	4
Micro Disconnection	Type 1.B Control Action	•	•	•	•	•
Operating Temperature Range		0°C to 40°C	0°C to 40°C	0°C to 40°C	0°C to 40°C	0°C to 55°C
Setting Temperature Range		5°C to 30°C	5°C to 30°C	5°C to 10°C	5°C to 30°C	40°C to 80°C
Froststat Protection		•	•	•	•	•
Boiler Type Adjustment	3CYC = Gas, 6CYC = Oil	•	•	•	•	•
EC Directives	Conforms to Latest Directives	•	•	•	•	•
Dimensions (mm)	Height	86	86	86	86	105
	Width	88	88	88	88	45
	Depth	38	38	38	38	50



See pages 74 - 75 for Product Information.

		TRT037N		TRT047N	
Timer Mode		5+2 or 7 Day	Receiver		Receiver
Setting Type		Digital		Digital	
Number of Channels		1			
Mains Linked Contacts	Single Pole Single Throw (SPST)	•	•	•	•
Battery Powered Display	2x 1.5V AA	•	•	•	•
Operating Voltage	230V AC	•	•	•	•
Power Reserve					
Switch Rating 230V AC	3A Resistive	•	•	•	•
	1A Inductive	•	•	•	•
Voltage Free Contacts		•	•	•	•
Micro Disconnection	Type 1.B Control Action	•	•	•	•
Operating Temperature Range	0°C to 40°C	•	•	•	•
Setting Temperature Range		10°C to 35°C		10°C to 30°C	
Froststat Protection		•	•	•	•
Boiler Type Adjustment	3CYC = Gas, 6CYC = Oil	•	•	•	•
EC Directives	Conforms to Latest Directives	•	•	•	•
Dimensions (mm)	Height	90	90	90	90
	Width	135	95	95	95
	Depth	30	30	30	30



See pages 51, 71, 72 & 75 for Product Information.

		TRT033N	TRT034N	TRT05
Timer Mode			5+2 or 7 Day	24 Hour
Setting Type		Digital	Digital + Boost	Digital
Boost Duration			1, 2 or 3 Hours	
Number of Channels			1	
Mains Linked Contacts	Single Pole Single Throw (SPST)	•	SPDT	•
Battery Powered Display	2x 1.5V AA	•	•	•
Operating Voltage	230V AC	•	•	•
Power Reserve			7 Days	1000 Hours
Switch Rating 230V AC	3A Resistive	•	•	13
	1A Inductive	•	•	2
Voltage Free Contacts		•	•	•
Micro Disconnection	Type 1.B Control Action	•	•	•
Operating Temperature Range	0°C to 40°C	•	•	•
Setting Temperature Range		10°C to 30°C		0°C to 35°C
Froststat Protection		•	•	•
Boiler Type Adjustment	3CYC = Gas, 6CYC = Oil	•	•	•
EC Directives	Conforms to Latest Directives	•	•	•
Dimensions (mm)	Height	90	90	102
	Width	95	135	57
	Depth	30	30	80



See page 76 for Product Information.

		TRTD7N	TRTM7N
Timer Mode		24 Hour + Boost	24 Hour + Boost
Setting Type		Digital	24 Hour Segment Dial with 15 Minute Switching Intervals
Boost Duration		30, 60 or 120 Minutes	30, 60 or 120 Minutes
Mains Linked Contacts	Double Pole	•	•
Operating Voltage	230V AC	•	•
Power Reserve	2 Years Factory Fitted	•	150 Hours
Switch Rating 230V AC	13A Resistive (3kW)	•	•
Micro Disconnection	Type 1.B Control Action	•	•
Operating Temperature Range	0°C to 35°C	•	•
Enclosure Protection	IP30	•	•
Shock Protection	Class 1	•	•
EC Directives	Conforms to Latest Directives	•	•
Dimensions (mm)	Height	111.5	111.5
	Width	170	170
	Depth	60	60



See pages 72 - 74 for Product Information.

		TRT035N	TRT036N	TRT038N	TRT039N
Timer Mode		5+2 or 7 Day	5+2 or 7 Day	12/24 Hour	12/24 Hour
Setting Type		Digital	Digital + Boost	Digital + Boost	Digital + Boost
Boost Duration			1, 2 or 3 Hours	1 or 2 Hour	1 or 2 Hour
Number of Channels		1	2	3	4
Mains Linked Contacts	Single Pole Double Throw (SPDT)	•	•	•	•
Battery Powered Display	2x 1.5V AA	•	•	•	•
Operating Voltage	230V AC	•	•	•	•
Power Reserve			7 Day	7 Day	7 Day
Switch Rating 230V AC	3A Resistive	•	•	•	•
	1A Inductive	•	•	•	•
Voltage Free Contacts		•	•	•	•
Micro Disconnection	Type 1.B Control Action	•	•	•	•
Operating Temperature Range	0°C to 40°C	•	•	•	•
Setting Temperature Range		10°C to 35°C			
Froststat Protection		•	•	•	•
Pumped or Gravity Operation		•	•	•	•
EC Directives	Conforms to Latest Directives	•	•	•	•
Dimensions (mm)	Height	90	90	90	90
	Width	135	135	135	135
	Depth	30	30	30	30



See pages 74 - 75 for Product Information.

		RAMSES 701	RAMSES 705	RAMSES 706
Voltage Free Contacts	Single Pole ON/OFF	•	ON/OFF	ON/OFF
Operating Voltage	230V AC	•	•	•
Switch Rating 230V AC	16A Resistive (3.67kW)	10A	10A	10A
	3A Inductive	4A	4A	4A
Room Air Temperature Control		5°C to 30°C	5°C to 30°C	5°C to 30°C
EC Directives	Conforms to Latest Directives	•	•	•
Dimensions (mm)	Height	74	74	74
	Width	74	74	74
	Depth	28	28	28

Note: RAMSES 701 & 705 fit a standard single gang wall box (35mm deep) with adaptor plate Part No. 907.0.480.

Every effort has been made to ensure that the contents of this catalogue were accurate and up-to-date at the time of going to print. However, due to continuous product development, Timeguard Limited and Theben AG reserve the right to alter specifications at any time.

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