STEARN

Your Other Warehouse

100 years

1924 - 2024

FOR ALL YOUR
CONTROLS
NEEDS

acctim

74312
230mm

74317
230mm

PARONA
Radio controlled plastic wall clock

92/301
255mm

92/302
255mm

AYLESBURY
Plastic case and lens, quartz movement

74637
300mm

ATOMIK
Radio controlled, anodised brushed aluminium case, non-ticking sweep seconds hand, glass lens

74172
300mm

CONTROLLER
Radio controlled, white metal case with glass lens, 12/24 hour dial, quartz movement

22367
270mm

KALENDAR
Day / Date display, plastic case, sweep seconds hand, glass lens

21892
255mm

ABINGDON
Plastic case and lens, quartz movement

93/701
305mm

OCEANA
IP55 rated suitable for outdoor use, plastic case with plastic lens, analogue with second hand, quartz movement

22233
305mm

CLERKENWELL
Plastic case wall clock with sweep second hand, plastic lens

74577
170x220x27mm

DELTA
Radio controlled LCD clock with calendar and indoor temperature, desk/wall mount, silver

74662
200mm

NARDO
Radio controlled wall clock, plastic case with glass lens, analogue with second hand, quartz movement

74132
255mm

CADIZ
Radio controlled, plastic case with plastic lens, analogue with second hand, quartz movement

21862
220mm

WEXHAM
Plastic case and lens, 12/24 hour dial, quartz movement

22463
350mm

COMMANDER
Plastic case with shatterproof plastic dome lens, analogue with second hand, quartz movement

93/704B
355mm

CONTROLLER
Plastic case with glass lens, analogue with second hand, quartz movement

21202
355mm

21162
300mm
(plastic lens)

METRO
Plastic case, glass lens, 12/24 hour dial, quartz movement

Revolutionary technology, only from Acctim. Use your existing USB charger to create a multi-purpose power hub. Charge your phone, tablet or other USB device directly from your Acctim Smart Connector® clock.

Sshh!
The quieter the clock, the more you can hear. Acctim sweep clocks feature a non-ticking sweep movement seconds hand. Functional, as well as delivering a suave sophistication.

All Acctim Radio Controlled clocks are tuned to the UK's Atomic Clock transmitter. Featuring fully automatic set-up and adjustment to summer / winter time changes.

Acctim calendar clocks give an easy reminder of the date and day of the week. Available in digital or analogue.

Programmable Room Thermostats		ErP
TPOne-S + DBR	Internet connected 7 day, 5/2 day programmable room thermostat	5
TPOne-S	Internet connected 7 day, 5/2 day programmable room thermostat	5
TPOne DBR	DBR (2nd channel RF receiver for domestic hot water control)	5
TPOne-S Stand	Table stand (TPOne-S, TPOne-RF)	
TPOne-M	7-day programmable room thermostat Mains powered	5
TPOne-B	7-day programmable room thermostat Battery powered	5
TPOneRF+ RX1-SV2	7-day programmable room thermostat Battery powered. Wireless. With RX1-S	5
TP5001B	Programmable room thermostat Battery powered	
TP5001RF+RX1-SV2	5/2 day schedule or 24hr Programmable room thermostat Battery powered. Wireless. With RX1-S	
TP5001MV2	Programmable room thermostat Mains powered 230V	
RX1-SV2	Receiver RF	
Room Thermostats		
RET1001MV2	Mains powered dial room thermostat 230V	4
RET2001B	Battery powered Electronic thermostat with LCD display	4
RET2001MV2	Mains powered Electronic thermostat with LCD display 230V	4
RET2001OTV2	Mains powered OpenTherm Electronic thermostat with LCD display 230V	4
RET2001RF+ RX1-SV2	Battery powered room thermostat with LCD display. With RX1-S Receiver	4
RX1-SV2	Receiver RF	
Electronic Timeswitches and Programmers		
TS710V2	Single channel timeswitch with LCD display - 7 day, 24 hour or 5/2 day operation and 2 or 3 on/off periods per day with service interval timer function, factory set clock, 99 day holiday programme.	
FP720V2	Two channel timeswitch with LCD display - 7 day, 24 hour or 5/2 day operation and 2 or 3 on/off periods per day with service interval timer function, factory set clock, 99 day holiday programme.	
DEVIreg Thermostats & Cable Monitor		
140F1055	DEVIreg Opti Pure White	1
140F1064	DEVIreg Touch Pure White	1
140F1069	DEVIreg Touch Black	1
140F1140	DEVIreg Smart Polar White	1
140F1141	DEVIreg Smart Pure White	1
140F1143	DEVIreg Smart Black	1

TPOne-RF+ RX1SV2

TP5001V2

RET1001M

RET2001BV2

RX1-SV2

FP720V2-RF+

DEVIreg

CP Electronics
A brand of legrand

CEILING MOUNTED
PRESENCE AND ABSENCE DETECTORS

HIGH BAY CEILING MOUNTED PIR PRESENCE DETECTORS

The EBDHS range is an increased performance PIR presence detector developed for high bay lighting control in areas with demanding spaces and increased mounting heights. It is responsive to the constant shift of an organisation's lighting needs by being programmable and adjustable to produce an exceptionally accurate detection beam.

EBDHS-PRM
High Bay/High Level Flush Mounted PIR Presence Detector
- PRM switching
- Absence detection
- IP65
- 10 Amp LED

IP65

EBDHS-DD
High Bay/High Level Flush Mounted PIR Presence Detector
- DALI/DSI digital dimming
- Absence detection
- IP65
- 10 Amp LED

IP65

EBDHS-AD
High Bay/High Level Flush Mounted PIR Presence Detector
- 1-10V Analogue dimming
- Absence detection
- IP65
- 10 Amp LED

IP65

CEILING MOUNTED PIR PRESENCE DETECTORS

These compact PIR detectors provide automatic control for lighting, heating and ventilation loads. The PIR sensor can be mounted either flush into a ceiling tile or using a surface mounting box.

EBDSPIR
Compact Flush Mounted PIR Presence Detector
- Basic switching
- Low profile
- IP40
- 3 Amp LED

EBDSPIR-PRM
Compact Flush Mounted PIR Presence Detector
- PRM switching
- Absence detection
- Low profile
- IP40
- 10 Amp LED

EBDSPIR-DD
Compact Flush Mounted PIR Presence Detector
- DALI/DSI digital dimming
- Absence detection
- Low profile
- IP40
- 10 Amp LED

LUMINAIRE MOUNTED PRESENCE DETECTORS

The EBMPIR-MB series of batten mount PIR presence detectors provide automatic control of lighting loads. It has been specifically designed for mounting onto a batten style luminaire allowing retrofit upgrades to existing lighting systems. The units are IP65 rated and are therefore suitable for outdoor use as well as wet and wash-down areas.

MICROWAVE CEILING MOUNTED DETECTORS

Unlike fixed head microwave presence detectors the MWS3A offers a unique presence/absence detection capability by using an adjustable head.

EBMPIR-MB-PRM
Miniature Batten Mounted PIR Presence Detector
- PRM switching
- Low profile
- IP65
- 2 Amp LED

IP65

EBMPIR-MB-DD
Miniature Batten Mounted PIR Presence Detector
- DALI/DSI digital dimming
- Low profile
- IP65
- 2 Amp LED

IP65

MWS3A-PRM
Ceiling Flush Mounted Microwave Presence Detector
- PRM switching
- Absence detection
- Adjustable head
- Long range
- IP40
- 10 Amp LED

MWS3A-DBB
Surface Mount Back Box BESA Fixing for GENB-IR, White

HANDSETS

Our range of infrared (IR) handsets have been designed to allow simple configuration, programming and maximum user convenience.

BACK BOX

Surface mount back box.

UHS5
Compact, Programming/ Commissioning Handset

UNLCDHS
Professional, Programming/ Commissioning LCD Handset

DBB
Surface Mount Back Box BESA Fixing, White

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VITESSE MODULAR™
LIGHTING CONNECTION SYSTEM

SWITCHING MODULES

Vitesse Modular 4 Lighting Connection System Switching Modules. The Vitesse Modular system grows and adapts to suit the installation from 4-way to 16-way using the 4-way extender modules.

VITM4-S2
Starter Module
- Switching
- 4 Pole
- 2 Outputs

VITM4-S
Starter Module
- Switching
- 4 Pole
- 4 Outputs

VITM4-E
Extender Module
- Switching
- 4 Pole
- 4 Outputs

VITM-ROSE
Female Ceiling Rose
- 4 Pole
- c/w white male connector plug

FLUSH MOUNTED PRESENCE DETECTORS

These compact detectors provide automatic control for lighting loads. The detector can be mounted either flush into a ceiling tile or using a surface mounting box.

VITM4-EBDSPIR-B
Flush Mounted PIR Presence Detector
- Basic switching
- IP40
- c/w 3m lead
- 3 Amp LED

VITM4-EBDSPIR-PRM
Flush Mounted PIR Presence Detector
- PRM switching
- IP40
- c/w 3m lead
- 10 Amp LED

DETECTOR LEADS

A range of leads to connect VITM4 detectors to the Vitesse Modular 4 lighting connection system for switching.

VITM4-L3-PRM
3m Single Detector Lead
- PRM switching
- Single channel
- 4 Pole
- 1mm^2

VITM4-L5-PRM
5m Single Detector Lead
- PRM switching
- Single channel
- 4 Pole
- 1mm^2

VITM4-LD3-PRM
3m Dual Detector Lead
- PRM switching
- Single channel
- 4 Pole
- 1mm^2

VITM4-LPW
Male Connector White Plug
- 4 Pole

VITM4-LPR
Male Connector Red Plug
- 4 Pole

LUMINAIRE LEADS

A range of luminaire leads to connect VITM4 detectors to the Vitesse Modular 4 lighting connection system for switching.

VITM4L303100W
3m Luminaire Lead White Plug
- LSF
- 3 core
- 4 Pole
- 1mm^2

VITM4L305100W
5m Luminaire Lead White Plug
- LSF
- 3 core
- 4 Pole
- 1mm^2

VITM4L403100R
3m Luminaire Lead Red Plug
- LSF
- 4 core
- 4 Pole
- 1mm^2

VITM4L405100R
5m Luminaire Lead Red Plug
- LSF
- 4 core
- 4 Pole
- 1mm^2

CP Electronics
A brand of legrand green-i

CEILING & WALL MOUNTED
DETECTORS AND TIMERS

CEILING MOUNTED PIR PRESENCE DETECTORS

Easy to install ceiling mounted PIR occupancy sensors are designed to reduce the amount of time lighting is left on unnecessarily.

GEFL
Flush Mounted PIR Presence Detector
- Basic switching
- Low profile
- IP40
- 3 Amp LED

green-i | SUITS LED

GESM
Push Button Surface Mounted PIR Presence Detector
- Basic switching
- Push button
- IP54
- 3 Amp LED

green-i | IP54 | Easy push button setup | SUITS LED

GEFL-PB
Push Button Flush Mounted PIR Presence Detector
- Basic switching
- Low profile
- Push button
- IP40
- 3 Amp LED

green-i | Easy push button setup | SUITS LED

GENB-IR
Adjustable Head Long-Range Presence Detector
- Basic switching
- Narrow beam
- IP40
- 3 Amp LED

green-i | Up to 24m range | Program via IR handset | SUITS LED

GIMB
Miniature Luminaire Mounted PIR Presence Detector
- Basic switching
- Retrofit
- IP65
- 2 Amp LED

green-i | IP65 | SUITS LED

GEFL-HS
Compact Infrared Handset
- For use with GENB-IR

green-i

WALL MOUNTED PIR PRESENCE DETECTORS

Wall mounted PIR sensors and dimmers fit standard back boxes, making them simple to fit and set up. Just like their ceiling mounted counterparts, they react to daylight, keeping lighting off if there's sufficient natural light.

GIPDC
Wall Mounted PIR Presence Detector with Override
- Basic switching
- No neutral
- Switch
- Back box mounted
- 10 Amp LED

green-i | 2 WIRE | SUITS LED

PDS-PRM
Concealed Fixings Wall Mounted PIR Presence Detector
- Basic switching
- No neutral
- Back box mounted
- 10 Amp LED

green-i | 2 WIRE | SUITS LED

SPIR-PRM
Concealed Fixings Wall Mounted PIR Presence Detector
- Basic switching
- Back box mounted
- 3 Amp LED
- Neutral required

green-i | 3 WIRE | SUITS LED

LIGHT LEVEL CONTROL

The ALC15 twilight switch will turn lighting on when the ambient light falls below a preset level.

ALC15
Surface Mounted Photocell Switch
- Robust
- Basic switching
- IP66

green-i | IP66 | SUITS LED

HVAC CONTROL

A surface mounted PIR air conditioning (AC) controller that provides auto on/auto off switching of infrared controlled AC units, based on occupancy. As it controls use, significant energy savings can be achieved.

GESM-AC
Surface Mounted Controller for Air Conditioning
- Compatible with most infrared controlled AC units
- Battery operated (Sleep mode extends battery life)
- Presence detection - auto on, auto off
- Adjust time delay settings via push buttons
- Lockable settings

green-i | Easy push button setup

PUSH BUTTON TIMERS

The ELLIPSE time lag switch is cost effective and easy to install, combining push button operation with electronic reliability.

ELLIPSE
Push Button Timer
• No neutral
• Time lag switch

This low profile, no-neutral time lag switch can control a range of loads up to 10 Amps. It has an LED light ring to aid location in low light conditions.

GITLC
Push Button Timer
• No neutral
• Time delay switch
• 10 Amp LED

This simple to use push button time lag switch can be used for a wide range of applications, and has an easy to set adjustable timing period.

MRT16-PB
Push Button Timer
• Adjustable time delay settings
• 3 Amp LED
• Neutral required

A stylish, low profile time lag switch with simple push button operation, tamper resistant plate and LED locator light – ideal for use in communal spaces.

MRT-PRM
Push Button Timer
• Adjustable time delay settings
• Temporary LED
• 3 Amp LED
• Neutral required

TOUCH ACTIVATED TIMER

This touch activated time lag switch is housed in a tough surface mount IP66 weatherproof housing, making it ideal for outdoor environments, or wash-down areas.

MRT16-WP
Touch Activated Timer
• Adjustable time delay settings
• IP66
• 3 Amp LED
• Neutral required

HIGH OUTPUT RUN BACK TIMER

This run back time lag switch's high 20 Amps output makes it ideal for immersion heater control. Appliances can be powered for a set time and adjusted further by the user.

RBT1
High Output Run Back Timer
• Adjust time delay settings
  via push button

PLATE MOUNTED ADJUSTABLE BOOST TIMER

With simple one-button operation, this electronic boost time lag switch provides effective control for a range of loads. The unit allows an appliance to be powered for a set time period which can be adjusted by the user.

RBT2
Plate Mounted Adjustable Boost Timer
• Adjust time delay settings
  via push button
• 6 Amp LED

AUTO EMERGENCY LIGHTING TEST SWITCH

This automatic key operated emergency lighting test switch is permanently wired to the emergency luminaire supply.

ELT10
Auto Emergency Lighting Test Switch
• Key operated switch
  for secure access
• 3 Pre-set test periods
• 3 Amp LED

CP Electronics
A brand of **legrand**

Touch Free Switching

PDS-PRM

GEFL

GESM

DANLERS
Controls for Lighting & HVAC

CEFLPIR

CESFPIR

CESFPIRSV

CESRPIR

CEFLPPIR

CEFLPIR10A

CEFLPIRSEALED

CELO

CEDR6P

CEDR6PLR

WACEPIR

WAPIR

GREUWPIR5E/10E/17E

GREUWPIR5X/10X/17X

PIR OCCUPANCY SWITCHES - Manually programmable

For the automatic control of lighting and other loads. Products can be manually adjusted by spindles on the product.

CAT. NO	PRODUCT DESCRIPTION
CEFLPIR	Neat and unobtrusive, flush mounted for suspended or plasterboard ceilings. 2 metre lead for ease of installation. 6 amps, most types of load, including LED.
CEFLPIR12VAC	Version of CEFLPIR suitable for 12V AC supply.
CEFLPIR12VDC	Version of CEFLPIR suitable for 12V DC supply.
CEFLPIR24VAC	Version of CEFLPIR suitable for 24V AC supply.
CEFLPIR24VDC	Version of CEFLPIR suitable for 24V DC supply.
CEFLPIR12VACVF	Version of CEFLPIR suitable for 12V AC supply with volt free output.
CEFLPIR12VDCVF	Version of CEFLPIR suitable for 12V DC supply with volt free output.
CEFLPIR24VACVF	Version of CEFLPIR suitable for 24V AC supply with volt free output.
CEFLPIR24VDCVF	Version of CEFLPIR suitable for 24V DC supply with volt free output.
CEFLPIRSV	As CEFLPIR except has short visit & exit functions (requires momentary wall switch).
CESFPIR	Surface mounted (square) for solid ceilings. Hard wired version. Can be mounted on a square pattress box. 6 amps, most types of load, including LED.
CESFPIRIP66	As CESFPIR but with IP66 rated enclosure.
CESFPIRSV	As CESFPIR except has short visit mode and exit functions to reduce the time lag duration when used in combination with a momentary wall switch.
CESRPIR	Surface mounted (round) for solid ceilings. Hard wired version. Can be mounted directly on solid ceilings or onto a mounting box. 6 amps, most types of load.
CEFLPPIR	For suspended or plasterboard ceilings. With plug suitable for CESO ceiling socket. Comes with 2m lead.
CEFLPIR10A	Suitable for switching up to 10 amps (2500W), most types of load. Comes with 2m lead.
CEFLPIRSEALED	Splash-proof version of CEFL PIR. 6 amps, most types of load. Comes with 2m lead.
CELO	For solid ceilings. Plug-in version. 6 amps, most types of load. Requires a ceiling socket (CESO).
CEDR6P	Can be pointed in any direction. 6 amps, most types of load. Requires ceiling socket (CESO).
CEDR6PLR	Long range for corridors or aisles. 25m range. 6 amps, most types of load. Requires ceiling socket (CESO).
WACEPIR	For plaster depth (16mm) wall box. 3 wire connections. 6 amps, most types of load, including LED.
WAPIR	10 amps, most types of load (6A LED loads). Min. load 20W resistive. 16mm wall box. No neutral wire needed. Override off button with LED mode indicator.
GREUWPIR5E	Suitable for wall or ceiling mounting onto Eurodata plates. Visible adjustment spindles. 5m range. 6 amps, most types of load. 25x50mm size, requires 35mm wall box.
GREUWPIR5X	As GREUWPIR5E but with concealed adjustment spindles.
GREUWPIR10E	Suitable for ceiling mounting onto Eurodata plates for use in circulation areas where significant movement is likely. Visible adjustment spindles. 10m range. 6 amps, most types of load. 25x50mm size, requires 35mm back box.
GREUWPIR10X	As GREUWPIR10E but with concealed adjustment spindles.

For the full DANLERS product catalogue, please contact us today.

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PIR OCCUPANCY SWITCHES
- Remotely programmable

For the automatic control of lighting and other loads.
Products can be manually adjusted by spindles on the product.

CAT. NO	PRODUCT DESCRIPTION
EZCEFL	Remotely programmable, flush mounted PIR occupancy switch. Suitable for mains switching. Up to 10A resistive, 6A fluorescent, 3A transformer, 2A LED loads.
EZCESR	As EZCEFL but for ceiling surface mounting.
EZCEFLDALI	Remotely programmable, flush mounted control for DALI ballasts. Can control up to 20mA (ie. 20 ballasts at 1mA). Requires DALI Power Supply Unit.

VARIANTS ARE AVAILABLE SUCH AS: DALI, 1-10V, HIGH BAY. PLEASE CONTACT YOUR SALES AGENT WITH ANY ENQUIRIES.

EZCEFL / EZCEFLDALI
EZCEFL10VDC

EZCESR / EZCESRDALI
EZCESR10VDC

HIGH BAY PIR OCCUPANCY SWITCHES

DANLERS High Bay Controls are available in a number of different formats and all come in either of 3 lens options as follows:

NARROW DETECTION (ND)   15m x 3m (max.) detection at 12m mounting height. Ideal for warehouses and storage aisles.
SPOT DETECTION (SP)   5m x 5m (max.) detection at 20m mounting height. Ideal for entrance points into storage aisles.
WIDE DETECTION (WD)   28m x 28m (max.) detection at 14m mounting height. Ideal for warehouses, sports halls etc.

HIGH BAY NARROW DETECTION

HIGH BAY SWITCHING ONLY CONTROLS	
CAT. NO	PRODUCT DESCRIPTION
HBPIRND	Presence PIR. Narrow detection. 30-1000 lux. 6 amps most loads, 2A LED.
HBPIRSP	Presence PIR. Spot detection. 30-1000 lux. 6 amps most loads, 2A LED.
HBPIRWD	Presence PIR. Wide detection. 30-1000 lux. 6 amps most loads, 2A LED.
HBAPIRWD	Absence PIR. Wide detection. 30-1000 lux. 6 amps most loads, 2A LED.
HIGH BAY SWITCHING AND DIMMING CONTROLS - Versions for DSI ballasts are also available.	
HBPIRNDDALIP	Controls up to 12 DALI ballasts. Integral DALI PSU. Narrow detection. 30-1000 lux.
HBPIRWDDALIP	Controls up to 12 DALI ballasts. Integral DALI PSU. Wide detection. 30-1000 lux.
HBPIRNDDALI	Controls up to 20 DALI ballasts. Narrow detection. 30-1000 lux. Requires DALI PSU.
HBPIRSPDALI	Controls up to 20 DALI ballasts. Spot detection. 30-1000 lux. Requires DALI PSU.
HBPIRND10VDC	Controls up to 20 1-10V DC ballasts. Narrow detection. 30-1000 lux.
HBPIRWD10VDC	Controls up to 20 1-10V DC ballasts. Wide detection. 30-1000 lux.

VARIANTS OF THE ABOVE CONTROLS ARE AVAILABLE SUCH AS: BATTEN MOUNTED, VOLT FREE, SPOT DETECTION, WIDE DETECTION, NARROW DETECTION, DALI, 1-10V. PLEASE CONTACT YOUR SALES AGENT WITH ANY ENQUIRIES.

ALSO AVAILABLE: ABSENCE DETECTION VERSIONS OF THE ABOVE CONTROLS.

HIGH BAY SPOT DETECTION

HIGH BAY WIDE DETECTION

BATTEN MOUNT PIR OCCUPANCY SWITCHES

With 'Intelligent' Photocell calibration procedure for additional energy saving. Ideal for areas with natural daylight.
For mounting onto the end of lighting battens via 20mm knock out. 1 metre wire tails.

BMINTPIR5M	5m detection. 100-3000 lux. Up to 10 amps resistive, 6 amps fluorescent, 2A LED.
BMINTPIR10M	10m detection. 100-3000 lux. Up to 10 amps resistive, 6 amps fluorescent, 2A LED.

With 'Active' photocell. Ideal for areas with no or very little natural light. Ideal for mounting onto the end of lighting battens via 20mm knock out. Adjustable photocell. Switches up to 10 amps resistive, 6 amps fluorescent. 1 metre wire tails.

BMPIR5M	5m detection. 100-3000 lux. Up to 10 amps resistive, 6 amps fluorescent, 2A LED.
BMPIR10M	10m detection. 100-3000 lux. Up to 10 amps resistive, 6 amps fluorescent, 2A LED.
BMPIRSP	Spot detection range. 100-3000 lux. Up to 10 amps resistive, 6 amps fluorescent, 2A LED.
BMEXPIR	IP66 rated enclosure. Switches up to 6 amps, 2A LED.

BMINTPIR5M / BMPIR5M

BMPIRSP

BMINTPIR10M / BMPIR10M

BMEXPIR

PIR OCCUPANCY SWITCHES - Absence detection

For energy saving on lighting in offices, schools, factories, etc. Adjustable lux level. Switches up to 6 amps of fluorescent load.

CEFLAPIR	Flush mounted absence switch for suspended or plasterboard ceilings. Hard wired version. 2 metre lead for ease of installation. 6 amps, most types of load.
CESFAPIR	Surface mounted absence switch for solid ceilings. Hard wired version. Can be mounted on a square pattress box. 6 amps, any type of load.
CESRAPIR	Surface mounted round absence switch for solid ceilings. Hard wired version. Can be directly on solid ceilings or onto a range of different mounting boxes. 6 amps, any type of load.
CEFLAPIRSD	For switching / dimming (with suitable ballast and retractable wall switch - not supplied). Flush mounted absence control for suspended or plasterboard ceilings. Hard wired version. 2 metre lead for ease of installation. 6 amps, most types of load.
CESFAPIRSD	As CEFLAPIRSD with surface mounted square moulding.

ALSO AVAILABLE: A RANGE OF MOMENTARY SWITCHES SUITABLE FOR USE WITH DANLERS ABSENCE SWITCHES.

CEFLAPIR / CEFLAPIRSD

CESRAPIR

ANCILLARY PRODUCTS

CESO	Round ceiling socket, required for CELO, CEDR6P or CEDR6PLR. Mounts on a BESA box.
RESLOADE	10W load resistor for augmenting small loads.

CESFAPIR / CESFAPIRSD

CESO

RESLOADE

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Controls   137

FLUSH MOUNTED
CONTROLZAPP CONTROLS

SURFACE MOUNTED
CONTROLZAPP CONTROLS

PROGRAMMABLE PIR OCCUPANCY SWITCHES WITH SCHEDULING

ControlZAPP can configure, schedule and change functions via an Android mobile phone or tablet by Bluetooth (up to 100m signal range).

CAT. NO	PRODUCT DESCRIPTION
CONTROLZAPP CEILING FLUSH MOUNTED AND CEILING SURFACE MOUNTED CONTROLS	
CZCEFL	Programmable, flush mounted control. Suitable for mains switching. Up to 10A resistive, 6A fluorescent, 3A transformer, 2A LED loads.
CZCESR	As CZCEFL but for ceiling surface mounting.
CZCESR10VDC	As CZCEFL10VDC but for ceiling surface mounting.
ALSO AVAILABLE:	VOLT FREE VERSIONS OF THE ABOVE CONTROLS.

FLUSH MOUNTED PIRS
FOR DALI DIMMING

FLUSH MOUNTED PIRS
FOR 1-10VDC DIMMING

PIR OCCUPANCY SWITCHES WITH DAYLIGHT LINKED DIMMING

Brings on lights to preset level when an area is occupied. Automatically dims lights according to ambient light level, to maintain constant brightness of between 30 and 1000 lux (adjustable). Reduced lux run-on timer when not occupied.

CEFLPIRDALI	Flush mounted. Controls up to 20 DALI dimmable ballasts.
CEFLAPIRDALI	Flush mounted. Absence detection. Controls up to 20 DALI dimmable ballasts.
CEFLPIRDALIP	Flush mounted. Controls up to 12 DALI dimmable ballasts.
CEFLAPIRDALIP	Flush mounted. Absence detection. Controls up to 12 DALI dimmable ballasts.
CESRPIRDALI	Surface mounted. Controls up to 20 DALI dimmable ballasts.
CESRAPIRDALI	Surface mounted. Absence detection. Controls up to 20 DALI dimmable ballasts.
CESRPIRDALIP	Surface mounted. Controls up to 12 DALI dimmable ballasts.
CESRAPIRDALIP	Surface mounted. Absence detection. Controls up to 12 DALI dimmable ballasts.
ALSO AVAILABLE: VERSIONS OF THE ABOVE CONTROLS SUITABLE FOR DIMMING DSI BALLASTS.	
CEFLPIR10VDC	Flush mounted. Controls up to twenty 1-10V DC dimmable ballasts.
CEFLAPIR10VDC	Flush mounted. Absence detection. Controls up to twenty 1-10V DC dimmable ballasts.
CESRPIR10VDC	Surface mounted. Controls up to twenty 1-10V DC dimmable ballasts.
CESRAPIR10VDC	Surface mounted. Absence detection. Controls up to twenty 1-10V DC dimmable ballasts.

SURFACE MOUNTED PIRS
FOR DALI DIMMING

SURFACE MOUNTED PIRS
FOR1-10VDC DIMMING

BMINTPH

BMEXPH

PHOTOCELL SWITCHES

For energy saving on lighting in offices, factories, etc. Adjustable lux level. Switches up to 6 amps of fluorescent load.

CESO	Round ceiling socket, required for CEPHNO or CEFHRE. Mounts on a BESA box.
BMINTPH	**'Intelligent' Photocell Calibration.** Batten mounting via 20mm knock out. Adjustable photocell 100-3000 lux. Switches up to 6 amps of most types of load.
BMEXPH	Ideal for mounting onto the end of lighting battens. IP66 rated enclosure. Built-in adjustable photocell. Switches up to 6 amps. 1 metre 3-core flex.

MW2AIP67 / MW6A2CIP67

MWCEFL

MICROWAVE SWITCHES

MW2AIP67	Suitable for wall or ceiling mounting. IP67 rated. Up to 12m range. Adjustable time lag settings. Switches up to 2 amps.
MW6A2CIP67	Suitable for wall or ceiling mounting. IP67 rated. Up to 12m range. Adjustable time lag settings. Switches up to 10 amps. 2 channel.
MWCEFL	Neat and unobtrusive, flush mounted for suspended or plasterboard ceilings. Up to 12m range. Adjustable photocell and time lag. Switches up to 2 amps.

For the full DANLERS product catalogue, please contact us today.

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IP66 PRESENCE DETECTION SWITCHES & PHOTOCELL SWITCHES

CAT. NO	PRODUCT DESCRIPTION
COPIR IP66	IP66 rated wall mounted PIR switch. Adjustable time lag. Mounting height up to 2.2m. Switches up to: 6 amps LED, 10 amps resistive/fluorescent. Grey enclosure.
COPIR IP66 BK	As COPIR IP66 above except with black enclosure.
CEPD 17MH	IP66 rated ceiling mounted PIR switch. Adjustable time lag. Mounting height up to 17m. Switches up to: 6 amps LED, 10 amps resistive/fluorescent. Grey enclosure.
CEPD 17MH BK	As CEPD 17MH above except with black enclosure.
WAPD IP66	IP66 rated wall mounted PIR switch. Adjustable time lag. Detection range up to 10m. Switches up to: 6 amps LED, 10 amps resistive/fluorescent. Grey enclosure.
WAPD IP66 BK	As WAPD IP66 above except with black enclosure.
DUSW	'Dusk Switch'. Switches on at dusk and off after a chosen period. Adjustable time (2 to 16 hours) & lux level. Switches up to: 2 amps LED, 6 amps resistive/fluorescent.
TWSW	'Twilight Switch'. Switches on at dusk and off at dawn. Adjustable lux level. Switches up to: 2 amps LED, 6 amps resistive/fluorescent.
TWSWINT	'Twilight Switch with Intelligent photocell'. Switches on at dusk and off at dawn. Adjustable lux level. Switches up to: 2 amps LED, 6 amps resistive/fluorescent.

COPIR IP66

COPIR IP66 BK

CEPD 17MH / WAPD IP66

CEPD 17MH BK / WAPD IP66 BK

DUSW, TWSW / TWSWINT

DP1D 10VDC SB / DP1D 10VDC MB

ISI RANGE – REMOTELY PROGRAMMABLE

DANLERS smart sensor, quick set up with DANLERS own easy to use APP (Android & IOS). Switching and dimming compatibilities with DALI and 0-10V. Upgradeable with over the air updates with extra features and additional licences.

CAT. NO	PRODUCT DESCRIPTION
ISI-CEFL10V	ISI-CEFL 0-10V Ceiling Flush, maximum detection 7m at 2.4m mounting height.
ISI-CEFLDALI	ISI-CEFL DALI Ceiling Flush, maximum detection 7m at 2.4m mounting height.
ISI-CEFLSW	ISI-CEFL switching Ceiling Flush 6A inc LED, maximum detection 7m at 2.4m mounting height
ISI-CESR10V	ISI-CESR 0-10V Ceiling Surface Round, maximum detection 7m at 2.4m mounting height.
ISI-CESRDALI	ISI-CESR DALI Ceiling Surface Round, maximum detection 7m at 2.4m mounting height.
ISI-CESRSW	ISI-CESR switching Ceiling Surface Round inc LED, maximum detection 7m at 2.4m mounting height.
ISI-HBND10V	ISI-HBND 0-10V High Bay Narrow Detect, ideal mounting height 12m with detection zone of 3x 15m.
ISI-HBNDDALI	ISI-HBND DALI High Bay Narrow Detect, ideal mounting height 12m with detection zone of 3x 15m.
ISI-HBNDSW	ISI-HBND switch High Bay Narrow Detect inc LED, ideal mounting height 12m with detection zone of 3x 15m.
ISI-HBSP10V	ISI-HBSP 0-10V High Bay Spot Detect, ideal mounting height 20m with a detection zone of 5m.
ISI-HBSPDALI	ISI-HBSP DALI High Bay Spot Detect, ideal mounting height 20m with a detection zone of 5m.
ISI-HBSPSW	ISI-HBSP switching High Bay Spot Detect inc LED, ideal mounting height 20m with a detection zone of 5m.
ISI-HBWD10V	ISI-HBWD 0-10V High Bay Wide Detect, ideal mounting height 14m and detection zone 28m.
ISI-HBWDDALI	ISI-HBWD DALI High Bay Wide Detect, ideal mounting height 14m and detection zone 28m.
ISI-HBWDSW	ISI-HBWD switch High Bay Wide Detect inc LED, ideal mounting height 14m and detection zone 28m.
ISI-BMPIR5MDALI	ISI smart Batten mounted PIR Occupancy sensor – upto 5m mounting height version with DALI output. Can be mounted onto the end of lighting battens via the 20mm knock out.
ISI-BMPIR17MDALI	ISI smart Batten mounted PIR Occupancy sensor – upto 17m mounting height version with DALI output. Can be mounted onto the end of lighting battens via the 20mm knock out.
ISI-BMPIR5MSW	ISI smart Batten mounted PIR Occupancy sensor – upto 5m mounting height version with switching. Can be mounted onto the end of lighting battens via the 20mm knock out 6A LED.
ISI-BMPIR17MSW	ISI smart Batten mounted PIR Occupancy sensor – upto 17m mounting height version with switching. Can be mounted onto the end of lighting battens via the 20mm knock out. 6A LED.
ISI-MNPIR5MDALI	ISI smart Mini PIR Occupancy sensor – upto 5m mounting height version with DALI output. Suitable for fitting into ceiling voids via a 38-40mm diameter hole.
ISI-MNPIR5MSW	ISI smart Mini PIR Occupancy sensor – upto 5m mounting height version with switching. Suitable for fitting into ceiling voids via a 38-40mm diameter hole 2A LED.
ISI-MNPIR17MDALI	ISI smart Mini PIR Occupancy sensor – upto 17m mounting height version with DALI output. Suitable for fitting into ceiling voids via a 38-40mm diameter hole.
ISI-MNPIR17MSW	ISI smart Mini PIR Occupancy sensor – upto 17m mounting height version with switching. Suitable for fitting into ceiling voids via a 38-40mm diameter hole 2A LED.

ISI-CEFL 10V/SW/DALI

ISI-CESR 10V/SW/DALI

ISI-HBND 10V/SW/DALI

ISI-HBSP 10V/SW/DALI

ISI-HBWD 10V/SW/DALI

ISI-BMPIR5M SW/DALI

ISI-BMPIR17M SW/DALI

ISI-MNPIR5M SW/DALI

ISI-MNPIR17M SW/DALI

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Controls 139

Plated Time Lag Switches

Plated Time Lag Switches (ILM)

Grid Time Lag Switches

Grid Time Lag Switches (ILM)

Plated Slave Switch, 1 gang

Grid Slave Switches

EXTLSW

EXTLSW16A

Heater Boost Switches

Multi Selectable Time Lag Switches

TIME LAG SWITCHES

CAT. NO	PRODUCT DESCRIPTION
TLSW10	Adjustable time lag, 1 to 10 minutes. **No neutral wire needed.** Switch up to 6 amps of most types of load, incl. fluorescent lights. Minimum load 40W resistive.
TLSW10ILM	As TLSW 10 but with Illuminated push button.
TLSWA20	Adjustable time lag, 2 to 20 minutes. **Needs neutral wire.** Switch up to 6 amps of any type of load, including fluorescent lights.
TLSWA20ILM	As TLSW A20, but with illuminated push button.
TLSWA120	Adjustable time lag, 12 to 120 minutes. **Needs neutral wire.** Switch up to 6 amps of any type of load, including fluorescent lights.
TLSWA120ILM	As TLSW A120, but with illuminated push button.

All DANLERS grid time lag modules switch up to 6 amps of any type of load, including fluorescent lights.	
GRTLMK	For MK Grid Plus. Adjustable time lag - 2 mins to 2hrs. **No neutral needed.** Min load 2W resistive.
GRTLMKILM	GRTLMKILM as GRTLMK but with illuminated push button.
GRTLCB	For Crabtree grid. Adjustable time lag - 2 mins to 2hrs. **No neutral needed.** Min load 2W resistive.
GRTLCBILM	GRTLCBILM as GRTLCB but with illuminated push button.
GRTLEU	For Eurodata plates. Adjustable time lag - 2 mins to 2hrs. **No neutral needed.** Min load 2W resistive.
GRTLEUILM	GRTLEUILM as GRTLEU but with illuminated push button.

GRTLAMK	For MK Grid Plus. Adjustable time lag - 2 mins to 2hrs. **Needs neutral wire.**
GRTLAMKILM	GRTLAMKILM as GRTLAMK but with illuminated push button.
GRTLACB	For Crabtree grid. Adjustable time lag - 2 mins to 2hrs. **Needs neutral wire.**
GRTLACBILM	GRTLACBILM as GRTLACB but with illuminated push button.
GRTLAEU	For Eurodata plates. Adjustable time lag - 2 mins to 2hrs. **Needs neutral wire.**
GRTLAEUILM	GRTLAEUILM as GRTLAEU but with illuminated push button.

Slave switches for use with square plated DANLERS Time lag switches and DANLERS 2 wire Grid time lag switches.	
SS1SL	1 gang slave push button.
SSGSMK	Slave switch, MK Grid Plus module.
SSGSCB	Slave switch, Crabtree grid module.
SSGSEU	Slave switch.
EXTLSW	Exterior time lag switch, IP66 rating. Adjustable time lag, 2 to 20 minutes. Switch up to 6 amps (1.5kW) of any type of load, including fluorescent lights.
EXTLSW16A	Exterior time lag switch, IP66 rating. Adjustable time lag, 2 to 20 minutes. Switch up to 16 amps (4kW) of lighting and heating loads, incl. fluorescent lights.

CONTROLS FOR HEATING, VENTILATION & AIR CONDITIONING

MULTI SELECTABLE TIME LAG SWITCHES
4 Advanceable time options. Switches on manually, switches off automatically. Up to 13 amps.

TLSWHB	Heating boost switch. Timings: 1/4, 1/2, 1 and 2hrs.
TLSWHB1246	Heating boost switch. Timings: 1, 2, 4 and 6hrs.
TLSWMS	Multi-selectable time lag switch. Timings: 1/4, 1/2, 1 and 2hrs.
TLSWMS1246	Multi-selectable time lag switch. Timings: 1, 2, 4 and 6hrs.

For DANLERS extensive range of leading edge, trailing edge and high frequency DIMMERS please visit the WIRING ACCESSORIES section.

SEE WIRING ACCESSORIES ✓

For the full DANLERS product catalogue, please contact us today.

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Multi Purpose Programmers

- Large, easy to read LCD with blue back light
- 7 day, 5/2 or 24 hour operation
- 2 on/offs or 3 on/offs per day
- Landlord Service Interval Reminder
- Automatic BST/GMT 1 hour time change
- Factory set clock and date
- Fits on industry standard backplate
- Easy to use overrides
- Easy to use and quick to install

ES1247B 1 Channel

ES2247B 2 Channel

ES3247B 3 Channel

ESRTP4+ / ESRTP4RF+
Programmable Room Thermostat

ErP Class
V
+3%

The 4 series is available in wired (RTP4+) and wireless (RTP4RF+) both featuring opentherm allowing up to 15% gas saving via a standard heating control.

Fully boiler plus compliant, the 4 series controls from ESi are simple to use and easy to install and help you and your customers take control of rising energy costs.

- Boiler Plus compliant
- Large, easy to read LCD with back light
- OpenTherm communication
- 7 day, 5/2 day or 24 hour programming
- Optimum stop, delayed & optimum start & TPI technology
- Select either 4 or 6 time & temperature events
- Factory set clock and date
- Automatic BST/GMT 1 hour time change
- Two way communication
- Pre-set built in programme
- Easy to use overrides
- Includes optional landlord service safety feature
- Holiday mode

ESRTP6WHW-G/ ESRTP6WHW-W
WiFi Smart Programmable Room Thermostat

ErP Class
V
+3%

The 6 series smart thermostat meets all of the boiler plus regulations and allows you to control your heating and hot water temperature via your smart device from anywhere.

Available in white or gunmetal grey the 6 series is suitable for use with combi, system and heat only boilers and now works with air source heat pumps to ensure your heating system is future proof if you decide to swap your gas boiler for a heat pump.

The 6 series smart control is simple and quick to install and helps you take control of your rising costs.

- OpenTherm
- Optimum start/stop
- DHW set point
- Boost facility
- Holiday mode
- Control through thermostat or mobile phone/tablet
- 7 day, 5/2 day or 24 hour programming options
- Hot water time and temperature control*
  (*When working in conjunction with wireless cylinder thermostat)

Cat No	Type
ESRTP6WHW-G	Grey
ESRTP6WHW-W	White

ESWC1
Wiring Centre

- Robust fire retardant ABS
- Simplifies wiring & circuit testing
- Dedicated terminal block for each system component

ESRTP5 / ESRTP5WF
5 Series Programmable Room Thermostat

ErP Class
IV
+2%

- Delayed Start & TPI Technology
- Includes optional landlord service safety feature
- 7 day, 5/2 day or 24 hour programming options
- Pre-set built in programme
- Select either 4 or 6 time and temperature events
- Automatic BST/GMT 1 hour time change
- Easy to use and quick to install
- Holiday Mode
- WiFi control from your mobile or tablet (ESRTP5WF)

ESRTE2
Electronic Room Thermostat

ErP Class
I
+1%

- Large, clear adjustable dial • Double insulated
- Neon indicator when system is turned ON/OFF
- Temperature control accuracy of +/- 0.6°C
- Surface mounted • Easy fit back plate
- Easy to use and quick to install

ESRTD2 / ESRTD3 / ESRTERFW
Electronic Room Thermostat with LCD display

ErP Class
IV
+2%

- TPI Technology • LCD display • Double insulated
- Large, clear adjustable dial • Surface mounted
- Temperature control accuracy of +/- 0.6°C
- Easy fit back plate • Delay start version (ESRTD3)
- Wireless (ESRTERFW receiver)

ESRTM
Mechanical Room Thermostat

ErP Class
I
+1%

- Volt free contacts
- Audible click when dial is turned
- Industry standard backplate

ESCTDEB
Electronic Dual Hot Water Cylinder Thermostat

Accurate temperature control with weekly one hour "boost" kills legionella bacteria, wide user defined temperature range

ESCTS
Clamp-on Cylinder Thermostat

- Double insulated
- Wide temperature range
- Bimetallic sensor
- Cylinder strap and hooks

2/3 Port Zone Valves & Actuator Heads

A direct replacement for the market leader, spring return action, detachable lead, manual lever for filling/draining the system replacement actuator head & motor, quiet operation, minimum power usage

Cat No.	Description
ESZV222LM	22mm 2 Port Zone Valve
ESZV282N	28mm 2 Port Zone Valve
ESZV223LM	22mm 3 Port Zone Valve
ESZVA2PM	2 Port Actuator head
ESZVA223	3 Port Actuator head

Go To Our Smart Technology Pages

SEE PAGE 70

evohome
Smart home controls

T3 PROGRAMMABLE THERMOSTATS

• 4 Time schedules per day   • Wired and wireless models   • With built in service reminder   • Easy to install & programme

Cat No	Description
T3H110A0066	T3 wired programmable thermostat
Y3H710RF0053	T3R wireless programmable thermostat
T3H310A0045	T3M wired OpenTherm programmable thermostat

5YR WARRANTY

T4 PROGRAMMABLE THERMOSTATS

• 6 Time schedules per day   • Wired and wireless models   • OpenTherm compatible model   • Easy to install & programme

Cat No	Description
T4H110A1021	T4 wired programmable thermostat
Y4H910RF4003	T4R wireless programmable thermostat
T4H310A3032	T4M wired OpenTherm compatible programmable thermostat

5YR WARRANTY

DIGITAL THERMOSTATS

• Works with heating and cooling systems including heat pumps, zoning and underfloor heating and cooling. Also compatible with hybrid and green heating systems

• Wiring plate for easy installation
• Backwards compatible with existing Honeywell Home products such as BDR91A and others

Cat No	Description
DT40WT20	DT4 Wired digital thermostat
YT42WRFT20	DT4R Wireless digital thermostat

5YR WARRANTY

ErP Class **IV** +2%

Programmers & Timers - Wired time control

ST9000 ONE & TWO CHANNEL TIME CONTROLS

• Large easy to read line of text display, providing text feedback   • Fits on industry standard back plate

Cat No	Description
ST9100C1006	Single channel 7 day timer
ST9400C1000	2 Channel 7 day programmer
ST9500C1015	2 Zone 7 day programmer

5YR WARRANTY

Programmers & Timers - Wireless Time & Temperature Control

SUNDIAL RF2 PACKS

• A two-way wireless receiver built into the timer avoiding the need to wire extra receivers into the heating system
• Wirelessly pre-bound in the box

• Fits on industry standard back plate
• A pack to cover the majority of systems
• Just fit the timer and everything on the system is wirelessly enabled

Cat No	Description
Y9120H2009	Sundial RF2 Pack One - Ideal for adding a room thermostat to combi boilers and single heating zones
Y9420H1008	Sundial RF2 Pack Two - Ideal for adding a room thermostat to an existing system that has stored hot water
Y9420S2005	Sundial RF2 Pack Three - Ideal for adding a room thermostat and cylinder thermostat to new and existing systems
Y9120W1000	Sundial RF2 Pack Four - Ideal for adding a hot water timer and cylinder thermostat to new and existing Sundial systems, or upgrading a gravity hot water system
Y9520Z1007	Sundial RF2 Pack Five - Ideal for providing two heating zones

5YR WARRANTY

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SANGAMO

Choice+ Heating Controls

CHPPR1
Choice Plus Programmer 1 Channel

Cat No
CHPPR1 (White)
CHPPR1S (Silver)
CHPPR1B (Black)

CHPPR2
Choice Plus Programmer 2 Channel

Cat No
CHPPR2 (White)
CHPPR2S (Silver)
CHPPR2B (Black)

CHPPR3
Choice Plus Programmer 3 Channel

Cat No
CHPPR3 (White)
CHPPR3S (Silver)
CHPPR3B (Black)

CHPRSTATDPRF
Choice Plus Room Thermostat Digital Wireless Programmable

Cat No
CHPRSTATDPRF (White)
CHPRSTATDPRFS (Silver)
CHPRSTATDPRFB (Black)

CHPRSTATDRF
Choice Plus Room Thermostat Digital Wireless

Cat No
CHPRSTATDRF (White)
CHPRSTATDRFS (Silver)
CHPRSTATDRFB (Black)

CHPRSTATT
Choice Plus Room Thermostat Electronic Tamper Proof

Cat No
CHPRSTATT (White)
CHPRSTATTS (Silver)
CHPRSTATTB (Black)

Powersaver+

PSPSF24
Powersaver Plus Select Controller 24hr With Fused Spur

Cat No
PSPSF24 (White)
PSPSF24S (Silver)
PSPSF24B (Black)

PSPSF247
Powersaver Plus Select Controller 7 Day With Fused Spur

Cat No
PSPSF247 (White)
PSPSF247S (Silver)
PSPSF247B (Black)

Powersaver

PSB2
16A run-back timer with 30 mins, 1 hour and 2 hour boost

PSS2
Combined 24 hour, 5/2 day & 7 day 16A electronic timer in one unit 30 mins, 1 hour and 2 hour boost

PSDF2
16A dual immersion timer for use with low rate tariffs

Choice Heating Controls

FSTAT1
10A frost thermostat to protect the heating system

RSTAT1
Mechanical 2-Wire, 10A Room Thermostat

RSTAT1T tamperproof

RSTAT3
Digital 2-Wire, 3A Room Thermostat

RSTAT3RF
Wireless Digital 16A Room Thermostat

RSTAT5RF
Wireless Digital, Battery Operated, 16A Programmable

PR1N
Choice 1 Channel Programmer

PR2N
Choice 2 Channel Programmer

PR3N
Choice 3 Channel Programmer

Round Pattern Time Switches

RPTS S254
3-pin, 20A, Day Omit function, choose from 2 on/offs or 3 on/offs

5 YEAR GUARANTEE · *3600W LED*

RPTS S255
4-pin, 20A, Day Omit function, choose from 2 on/offs or 3 on/offs

5 YEAR GUARANTEE · *3600W LED*

RPTS Q554
3-pin, 20A, Battery Reserve, Day Omit function, choose from 2 on/offs or 3 on/offs

5 YEAR GUARANTEE · *3600W LED*

RPTS Q555
4-pin, 20A, Battery Reserve, Day Omit function, choose from 2 on/offs or 3 on/offs

5 YEAR GUARANTEE · *3600W LED*

RPTS Q550
Solar/Astro, 3-pin, 20A, Battery Reserve, Day Omit function, optional early OFF

5 YEAR GUARANTEE · *3600W LED* · *ASTRO SUNTRACKER*

RPTS Q551
Solar/Astro, 3-pin, 20A, Battery Reserve, optional early OFF 1. on/off or 2 on/offs

5 YEAR GUARANTEE · *3600W LED* · *ASTRO SUNTRACKER*

Accessories

RPTS Q553
Solar/Astro, 4-pin, 20A, Battery Reserve, optional early OFF. 1 on/off or 2 on/offs.

5 YEAR GUARANTEE · *3600W LED* · *ASTRO SUNTRACKER*

RPTS E854/E855
Digital, 3-pin or 4-pin, 20A, 7 day, up to 48 on/offs per day

5 YEAR GUARANTEE · *400W LED*

FD930
Conduit Box

Each **Solar/Astro** model comes in 4 geographic 'zones' to account for the differences in sunset/sunrise times throughout the British Isles. Ask for details.

Digital & Analogue Timers

DIN 72101/72201
Astro Suntracker. 2 module, 1 or 2 channel 7 day 16A timer, key programming.

3 YEAR GUARANTEE · *400W LED* · *BACKLIT DISPLAY*

DIN 72103 NFC/72203 NFC
Astro Suntracker. 2 module, 1 or 2 channel, 7 day 16A timer, contactless programming.

3 YEAR GUARANTEE · *NFC* · *200W LED* · *BACKLIT DISPLAY*

DIN 72112/72212
2 module, 1 or 2 channel, 7 day timer, key & pulse programming

3 YEAR GUARANTEE · *300W LED* · *BACKLIT DISPLAY*

DIN 71101
Astro Suntracker. 1 module, 1 channel, 7 day 16A timer. Removable fascia.

3 YEAR GUARANTEE · *400W LED* · *BACKLIT DISPLAY*

DIN 71111
1 module, 1 channel, 7 day timer. Pulse programming. Removable fascia.

3 YEAR GUARANTEE · *50W LED*

DIN 25162
2 module, 1 or 2 channel, 7 day timer, key & pulse programming.

3 YEAR GUARANTEE · *200W LED* · *BACKLIT DISPLAY*

SECURE

E7+ Smart-capable immersion heater control

Cat no.

SCE100-000

The E7+ from Secure is the latest version of the Electronic 7 hot water programmer. Designed to be the successor to both the Electronic 7 and the Economy 7 Quartz, it is easy to install or retrofit. Now with a compact interface that is perfect for newer installations, as well as an adaptor plate to make retrofitting a simple matter of plug and play. The E7+ can be controlled by the Secure Bluetooth-enabled App, within a property, and there is even an optional plugin Wi-Fi card that will turn the E7+ into a truly smart unit you can control from anywhere.

E7+ is designed to control one or two 3kW immersion heaters, utilising off-peak electricity tariffs to provide a full tank of hot water whenever required. Each heater can be programmed separately for maximum energy saving and control.

The E7+ is perfect for standalone control of electric hot water and uses the same app as our range of smart-capable programmable thermostats - C1727 and H3747.

radbot 1

See how it works at:
www.securemeters.com/radbot

The intelligent thermostatic radiator valve

- Energy Saving – up to 30% off heating bills
- Intelligent occupancy prediction
- Automatic scheduling and optimisation
- Room by room zonal control

- Simple installation – installed in minutes, no need for wiring, plumbing or complex set up
- Simple operation – set and forget, with boost override button. No need for apps or Wi-Fi connection.

Cat no.	Zonal Control	Energy Saving	Automated Scheduling	No WiFi required	Battery Powered	Simple installation	Valve Base & Lockshield Valve
SCV100-000	•	•	•	•	•	•	
SCV100-100	•	•	•	•	•	•	•

Smart heating controls

The Secure range of smart programmers now have a variety of addons available to increase your comfort and control. These extra devices are easy to add and allow you to expand your system in your own time, from extra PTD and temperature sensors to increase the number of heating zones, to optional Wi-Fi cards that seamlessly allow remote access with minimal configuration.

With no wiring required these expansions can easily be added to an existing smart programmer system with just a few clicks of the app.

Cat no.	Description
C1727	Smart programmer with 2 channel receiver
H3747	Smart programmer with 4 channel receiver
SCD100-000	Programmable thermostat display (PTD)
SCS100-000	Wireless Temperature sensor
SCW100-000	Plugin Wi-Fi Module

We've upgraded our heating controls range

CentaurPlus C17 & C27
ServicePlus S17 & S27
Retrofit with standard 6-pin backplate

Thermoplus PRT1, AS1, AS2
425 series & ChannelPlus H17 & H27
Requires a new backplate and wiring

425 Tiara, Diadem & Coronet*
*For loads of 3A or under - H3747 not suitable for immersion heaters.

ChannelPlus H17, H27, H37 & H47
Retrofit with standard 9-pin backplate

Switch to our smart-capable digital controls

C1727 Bluetooth/wireless thermostat & receiver - controls up to 2 zones via stat or app

Find out more at:
www.securemeters.com/c1727

H3747 Bluetooth/wireless thermostat & receiver - controls up to 4 zones via stat or app

Find out more at:
www.securemeters.com/h3747

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C-Stat programmable room stat   Wireless, battery & mains versions

Cat no.	24hr	7 day	2 Wire Connection	Battery Powered	Mains Powered	Wireless
C-Stat 17-B		•	•	•		
C-Stat 17-M		•			•	

BOILER PLUS COMPLIANT

ErP Class IV +2%

Room thermostats

HRT4-A — BOILER PLUS COMPLIANT — ErP Class IV +2%

HRT4-B — BOILER PLUS COMPLIANT — ErP Class IV +2%

HTT4 — BOILER PLUS COMPLIANT — ErP Class IV +2%

HFT4 — BOILER PLUS COMPLIANT — ErP Class IV +2%

Cat no.	Description
HRT4-A	Mains powered electronic stat
HRT4-B	Battery powered electronic stat
HTT4	Mains powered tamperproof stat
HFT4	Mains powered frost stat
HCT2	Cylinder stat

HCT2

Wireless Room thermostat

Cat no.	Description
HRT4-ZW	Wireless Electronic Stat with Receiver

ErP Class IV +2%

Electric heating timers and boost controls

SCE100-1111 E7+

E7Q

Electronic 7

BX2000

SIR021

Cat no.	Description
SCE100	E7+ Smart-capable immersion heater control
E7Q	Economy 7 timer and boost control
Electronic 7	Digital version of E7Q
SIR020	Electronic boost timer 15, 30 minutes or 1 hour
SIR021	Electronic boost timer 30 minutes, 1 or 2 hour
SIR022	Electronic boost timer 2, 4 or 6 hour

Motorised zone valves

Cat no.	Description
Z222	22mm 2 Port Valve
Z228	28mm 2 Port Valve
Z322	22mm 3 Port Valve

ZonePlus Z222

ZonePlus Z228

ZonePlus Z322

Economy and Control with Suretime!

The Suretime range of PIR's, wall switches and floodlights are ideal for 'Energy Saving & Security Installations' both in the workplace and at home. The ideal solution when controlling lighting.

2 YEAR GUARANTEE INCLUDED
LEDs UP TO 200W

STFM360
360° Flush Mount PIR Sensor

2 YEAR GUARANTEE INCLUDED
LEDs UP TO 200W

STFMMINI
360° Mini Flush Mount PIR Sensor

2 YEAR GUARANTEE INCLUDED
LEDs UP TO 200W

STLB1000
180° PIR Light Controller – Black

2 YEAR GUARANTEE INCLUDED
LEDs UP TO 200W

STLW1000
180° PIR Light Controller – White

2 YEAR GUARANTEE INCLUDED

ST910
Motion Sensot PIR Light Switch – 2 Wire

2 YEAR GUARANTEE INCLUDED

ST210
Automatic Light Switch with Photocell – 2 Wire

2 YEAR GUARANTEE INCLUDED
LEDs UP TO 200W

STW360
360° Surface Mount PIR Sensor

2 YEAR GUARANTEE INCLUDED

STBT4
Motion Sensor PIR Light Switch – 2 Wire

TL Series Room Thermostats

Explore our Comprehensive Room Thermostat Range, where innovation meets unmatched functionality. Introducing our new TL series, the successor to our best-selling TLX and TLM ranges, now available in both 6 and 16 amp models. This series combines the reliability of traditional thermostats with advanced features, including programmable time clock options for superior energy efficiency and comfort.

Compliant with European Safety Legislation (EN 60730 and EN 60-353-2-73), our selection promises precision, efficiency, and safety in both residential and commercial settings. Opt for our thermostat range to effortlessly create the ideal climate, backed by the legacy of our most acclaimed models.

Cat No	Operation Voltage	Contact Type	Current Rating	Temp Range	Additional	Replaces
TLS-16A	230V	SPDT, Voltage	16 Amp	10ºC-30ºC		TLM2253, TLM2655, TLM2802
TLSC-16A	230V	SPDT, Voltage	16 Amp	10ºC-30ºC	Tamperproof, indicator light & on/off switch	TLM2453
TLF-16A	230V	SPDT, Voltage	16 Amp	-10ºC-15ºC	Frost, indicator light & on/off switch	TLM2257
TLSL-6A	230V	SPDT, Voltage	6 Amp	10ºC-30ºC	Indicator light & on/off switch	
TLS-6A	230V	SPDT, Voltage	6 Amp	10ºC-15ºC		TLX2259, TLX2356, TLX2357, TLX2651, TLX9201, TLX9301

Central Heating Programmers

Cat No	Operation Voltages	Contact Type	Current Rating - Resistive (inductive)	Temp Range	Additional	Replaces
SUNPRO1000V2	240V	Changeover (SPDT), volt free	3 (1) Amp @ 50Hz	0ºC-45ºC	1 Channel Heating Timer	SUNPRO1000
SUNPRO2000V2	240V	Changeover (SPDT)	3 (1) Amp @ 50Hz	0ºC-45ºC	2 Channel Heating Timer	SUNPRO2000
SUNPRO1000	230V	Changeover (SPDT), volt free	3 (1) Amp	0ºC-45ºC	1 Channel c/w Advance & Boost 7 Day 5/2 Day 24hr Prog 3 On/Offs	SELECT107, SELECT107XL
SUNPRO2000	230V	Changeover (SPDT)	3 (1) Amp	0ºC-45ºC	2 Channel c/w Advance & Boost 7 Day 5/2 Day 24hr Prog 3 On/Offs	SELECT207, SELECT207XL, SELECT207XLS
SUNPRO3000	230V	Changeover (SPDT)	3 (1) Amp	0ºC-45ºC	1 Channel c/w Advance & Boost 7 Day 5/2 Day 24hr Prog 3 On/Offs	

Programmable Thermostats

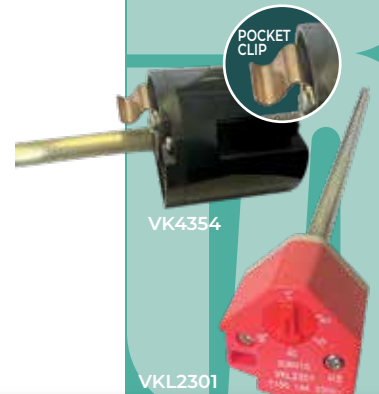| Cat No	Operation Voltages	Contact Type	Current Rating - Resistive (inductive)	Temp Range	Additional	Replaces
SUNSTAT		SPDT	10 (3) Amp @ 50Hz	5ºC-45ºC	Wired 7 Day Programmable	TLX6501
SUNSTATRFSI		SPDT	16 (3) Amp	5ºC-45ºC	Wireless, c/w Service Interval	
SUNSTATRF		SPDT	16 (1) Amp	5ºC-45ºC	Wireless Programmable	TLXRFP, TLX6506, TLXRFPV
SUNSTATSI			10 (3) Amp	5ºC-45ºC	7 Day Programmable c/w Service Interval Delayed Start	
ESTAT	220V	SPDT	2 Amp	5ºC-30ºC	Mains Powered SPDT LED Status Indicator	TLX1001, TLX1005, TLX7501
ESTATRF	1.5V			5ºC-30ºC	Wireless Large LCD Battery Powered 2xAA	TLX1010, TLX7506, TLXRFD
WIFIS101	230V			5ºC-50ºC	Wi-Fi Programmable IP30 7 Day 5/2 Day 24hr Prog 6 On/Offs	

Rod Thermostats VK & VKL

Cat No	Operation Voltages	Stem Length	Current Rating (Amps)	Temp Range	Additional	Overtemp Cut-out ºC
VK4251	230V	7"/178mm	20Amp	10ºC-88ºC	Dual Safety Thermostat Rod	
VK4252	230V	7"/178mm	20Amp	10ºC-88ºC	Dual Safety Thermostat Rod Pocket Clip Fitted	
VK4253	230V	7"/178mm	20Amp	40ºC-110ºC	Dual Safety Thermostat Rod	
VK4254	230V	7"/178mm	20Amp	40ºC-110ºC	Dual Safety Thermostat Rod	
VK4351	230V	18"/457mm	20Amp	40ºC-88ºC	Dual Safety Thermostat Rod	
VK4352	230V	11"/280mm	20Amp	40ºC-88ºC	Dual Safety Thermostat Rod Pocket Clip Fitted	
VK4353	230V	11"/280mm	20Amp	70ºC-120ºC	Dual Safety Thermostat Rod	
VK4354	230V	11"/280mm	20Amp	70ºC-120ºC	Dual Safety Thermostat Rod Pocket Clip Fitted	
VK4355	230V	11"/280mm	20Amp	0ºC-40ºC	Dual Safety Thermostat Rod	
VK4451	230V	11"/280mm	20Amp	55ºC-88ºC	Dual Safety Thermostat Rod	
VKL2201	230V	18"/457mm	16 Amp	40ºC-80ºC	Dual Safety Thermostat Rod	
VKL2251	230V	7"/178mm	16 Amp	45ºC-85ºC	Rod Manual Reset	
VKL2301	230V	7"/178mm	16 Amp	50ºC-80ºC	Dual Safety Thermostat Rod	
VKL2303	230V	11"/280mm	16 Amp	25ºC-65ºC	Dual Safety Thermostat Rod	
VKL2351	230V	11"/280mm	16 Amp	35ºC-85ºC	Dual Safety Thermostat Rod Manual Reset	
VKL2352	230V	11"/280mm	16 Amp	46ºC-96ºC	Dual Safety Thermostat Rod Manual Reset	
VKL2401	230V	11"/280mm	16 Amp	50ºC-80ºC	Dual Safety Thermostat Rod	
VKL3205	230V	7"/178mm	16 Amp	30ºC-70ºC	Dual Safety Thermostat Rod	81ºC
VKL3305	230V	11"/280mm	16 Amp	40ºC-70ºC	Dual Safety Thermostat Rod	81ºC
VKL3405	230V	18"/457mm	16 Amp	40ºC-70ºC	Dual Safety Thermostat Rod	81ºC

TLSL 6A

TLS 6A

SunPro 1000

SunPro 2000

SunStat

VK4254

POCKET CLIP

VK4354

VKL2301

PIR Presence Detectors

LEDs UP TO 250W

SLW360N
360° Surface Mount Ceiling PIR Presence Detector – Load* 2000W (i) 500W (f)

LEDs UP TO 250W

SLFM360N
360° Flush Mount Ceiling PIR Presence Detector Load* – 2000W (i) 500W (f)

LINKABLE
MASTER
UP TO 5 SLAVES CAN BE LINKED TO MASTER

LEDs UP TO 250W

PDFMMINIL
360° Flush Mount Linkable Mini PIR Master Sensor

LINKABLE
MASTER
UP TO 5 SLAVES CAN BE LINKED TO MASTER

LEDs UP TO 250W

PDFMMINILS
360° Flush Mount Linkable Mini PIR Slave Sensor

LEDs UP TO 420W

PDFM1500N
Enhanced PIR Presence Detector – Flush Mount

LEDs UP TO 420W

PDRS1500N
360° Surface Mount Ceiling PIR Presence Detector

LEDs UP TO 420W

PDWM1500
Enhanced PIR Presence Detector – Wall Mount

LEDs UP TO 420W

PDSM1500
360° Ceiling PIR Presence Detector – Surface Mount

PIR Absence Detectors

LEDs UP TO 600W

Optional
2.5m
Ø8m

PDFM361AB
PIR Presence/Absence Dectector – Single Channel (Flush Mount)

PDFM362AB
PIR Presence/Absence Dectector – 2 Channel (Flush Mount)

LEDs UP TO 600W

2.5m
Ø8m   Optional

PDSM361AB
PIR Presence/Absence Dectector – Single Channel (Flush Mount)

LEDs UP TO 600W

2.5m
Ø8m   Optional

PDSM361ABBLK
Surface Mount PIR Presence Detector With Optional Absence Detection (Single Channel)

- Single-channel surface ceiling mount.
- Presence/Absence detection options.
- User-friendly adjustment options for Time and Lux adjustments.
- Optional infra-red remote control function with model IR10AB (sold separately).
- Side and back end cable entry via knockouts and grommets.
- Option for manual push-button operation.
- 360° area of detection using discreet flat PIR lens technology.

IR10AB
IR Remote Control – for use with PIR PDSM361AB and PDFM361/362AB Range Presence/Absence Detectors

FLUSH TO SURFACE CONVERSION

PDSMSB
Surface mount box – for use with PIR PDSM361AB and PDFM361/362AB Range Presence/Absence Detectors

LEDs UP TO 100W

HF2R
360° Round HF Microwave Ceiling Presence Detector – Flush Mount. Load* 1000W (i) 440VA (f)

All PIR Presence Detectors and Lighting Controls are adjustable for time delay and sensitivity (LUX) settings. PDFM362 and PDSM361 are also adjustable for detection range.
*Load: (i) = Incandescent, (f) = Fluorescent/Low Energy.

LED Compatible Automatic Wall Switches

LEDs UP TO 150W
4kW RESISTIVE LOAD

- IP65 weatherproof rating.
- Light ON times selectable from 2 minutes to 3 hours via 3 position DIL switch.
- Blue LED flashes 1 minute before end time as prompt to user the elasped time is about to end.
- 3 wire connection - neutral required.

DS3HDN
Boostmaster IP65 Time Delay Switch

LEDs UP TO 80W

DS4
Pneumatic Time Delay Switch

LEDs UP TO 400W
500W RESISTIVE LOAD

ZV210N
Programmable Single Gang Security Light Switch

LEDs UP TO 400W
500W RESISTIVE LOAD

ZV810N
Motion Sensor PIR Light Switch

LEDs UP TO 10W
1.5kW RESISTIVE LOAD

DS1N
Electronic Time Delay Switch – 2 Wire

DS2N
Electronic Time Delay Switch – 3 Wire

DSSN
Delay Switch Slave (for use with DS1 only)

- Illuminated Push Button: Orange
- Tamperproof Poteniometer (used for delay adjustment)
- DS1N delay time: 10 Seconds – 10 Minutes
- Up to 10 DSSNs (Max) can be connected with one DS1N.
- DS2N delay time: 3 Seconds – 2 Hours
- Up to 12 DS2Ns can be wired in parallel to control a single load.
- The LED switching capabilities of these products can be increased up to 200W by the addition of the Timeguard ZV900 Automatic switch load controller sold separately.

LED Glow & Flicker Eliminator

- 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, ZV210N, DS1N and ZV810N, when used with LED or CFL lighting.
- Boosts automatic switches LED rating to 200W.

ZV900
Automatic Switch Load Controller

Trade Time Controllers

TG24
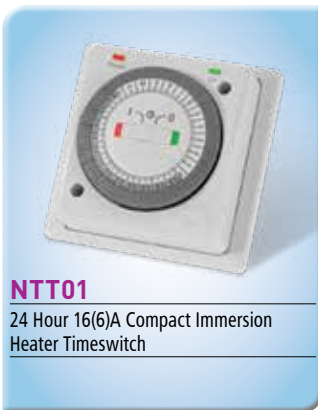24 Hour Segment Plug-in Time Controller

TS800N
24 Hour Plug-in Time Controller

ETU17N
24 Hour/7 Day Slimline Digital Plug-in
Time Controller

TG77
7 Day Plug-in Electronic
Timeswitch 13(2)A

NTT01
24 Hour 16(6)A Compact Immersion
Heater Timeswitch

NTT02
24 Hour 16(8)A Compact General Purpose
Timeswitch with Voltage Free Contacts

NTT03
24 Hour/7 Day 16(4)A Compact Electronic
Immersion Heater Timeswitch

NTT04
24 Hour/7 Day 16(4)A Compact Electronic
General Purpose Timeswitch with
Voltage Free Contacts

NTT05
24 Hour 16(8)A Slimline General
Purpose Timeswitch

NTT06
24 Hour 16(4)A Slimline Electronic
General Purpose Timeswitch

NTT07
7 Day 16(4)A Slimline Electronic
General Purpose Timeswitch

NTT08
7 Day 16(4)A Slimline Electronic
Immersion Heater Timeswitch

TS900N
24 Hour Immersion Heater
Timeswitch (3kW)

NTTHDS
20A 24 Hour/7 Day Compact Digital
Heavy Duty Timeswitch

TR 610 top3
24 Hour/7 Day Single Channel (2 Module)
16A Digital Timeswitch

TR 608 top2 S
24 Hour/7 Day Single Channel (1 Module)
16A Digital Timeswitch

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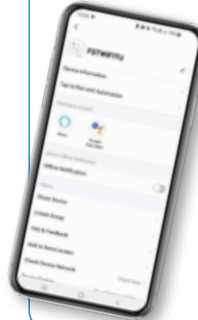# FST Digital Fused Spur Timeswitches

FST24
24 Hour Fused Spur Timeswitch
13(6)A – 4 Programmes

FST77N
7 Day Fused Spur Timeswitch
13(6)A – 4 Programmes

Wi-Fi Controlled Fused Spur Timeswitches

works with alexa
works with Hey Google

- Wi-Fi enabled/controlled electronic fused spur timer.
- Complete remote control of your appliance.
- 13 amp fuse.
- Two pole isolating switch.

FSTWIFITU
Wi-Fi Controlled Fused Spur

Boost Timeswitches

- Optional boost button illumination switch.
- Up to 2 hour boost time with 15 minute increments.
- Clear LED digital display.

TGBD2
2 Hour Digital Boost Timer with Countdown Display

- Optional boost button illumination switch.
- Up to 2 hour boost time with 30 minute increments.
- Clear LED digital display.

TGBD4
4 Hour Digital Boost Timer with Countdown Display

15 mins to 4 hour Boost Timer

- Automatic timer countdown selection for up to 4 hours – 13A (3kW) loading.
- Fits a standard flush or surface mount BS wall box min. 25mm deep.

TGBT4N
4 Hour Electronic Boost Timer

15 mins to 4 hour Fused Boost Timer

- Automatic timer countdown selection for up to 4 hours – 13A (3kW) loading.
- Fits a standard flush or surface mount BS wall box min. 25mm deep.

FBT4N
4 Hour Electronic Boost Timer and Fused Spur

Trade Timeswitches

TR635top2
24 Hour/7Day/Random Pulse 16A Digital Timeswitch

TR636top2
24 Hour/7Day/Random Pulse 2x 6A Digital Timeswitch

Programa*Stat*+ Thermostats & Heating Programmers

TRTD7N
Economy 7 Digital Timeswitch with Boost Control

TRTM7N
Economy 7 Analogue Timeswitch with Boost Control

TRT030N
Electronic Room Thermostat, 6(2)A, 5° to 30°C

TRT031N
Electronic Frost Thermostat, 6(2)A, 5° to 10°C

TRT032N
Electronic Room Thermostat with Tamper Proof Cover, 6(2)A, 5° to 30°C

TRT033N
Volt Free Digital Room Thermostat with Night set-Back, 3(1), 10° to 30°C

TRT034N
7 Day Digital Programmer – 1 Channel, 3(1)A, 10° to 30°C

TRT035N
7 Day Programmable Room Thermostat with Frost Protection, 3(1)A, 10° to 35°C

TRT036N
7 Day Digital Heating Programmer – 2 Channel, 3(1)A

TRT037N
Wireless 7 Day Programmable Room Thermostat, 3(1)A, 10° to 35°C

TRT038N
7 Day Digital Heating Programmer – 3 Channel, 3(1)A

TRT039N
7 Day Digital Heating Programmer – 4 Channel, 3(1)A

TRT047N
Wireless 7 Day Programmable Room Thermostat, 3(1)A, 10° to 35°C

TRT044
Cylinder/Pipe Thermostat 16(4)A, 40° to 80°C

TRT049N
Wiring Centre Box

TRT05
Electronic Plug-in Thermostat with 24 Hour Time Control

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