





cmd

We are a British Manufacturer founded in 1984, who create solutions to meet the challenges of integrating power and technology with furniture for commercial environments.

2

ergo

Create healthier workplaces that improve performance and bring greater productivity. Deliver a more streamlined and aesthetically appealing space whether in the office, at home or on the move. This section includes monitor arms, CPU supports, cable management solutions and accessories.

9

power

A comprehensive range of under desk, in desk and desktop power modules with accessories. In desk modules are ideal for conference rooms. Desktop power modules allow for easy access for when you're working. Our under desk power solutions range from the affordable, to the more flexible metal based extrusion which can be fed from our underfloor power.

29



Footprint is our award nominated and innovative energy monitoring and scheduling desk power system. Just imagine the possibilities when you track and monitor what desk power is being used. By making subtle changes positive results can be achieved.

73

power

Our products have been designed to be easy to install over traditional cabling systems with no requirement for cable trays and complicated terminations. We also have a wide selection of accessories, tap offs and grommets to suit every underfloor power and lighting busbar requirement.

81



The Audacy® Wireless Controls system focuses on efficiency in all its forms. Faster and easier to install, you save time and costs associated with build-out and renovation. Our streamlined wireless system allows you to better control your powered environment while advanced smart components minimise energy and lighting costs over time.

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Images contained within this catalogue are for illustration purposes only and may be subject to change at any time.

sales line: +44 (0)1709 829511

Introduction



Our Vision

Since its formation in 1984, CMD has consistently transformed the way we integrate power and technology with furniture in the commercial workplace. We are inspired every day by the genuine belief that we can change the world for the better, with improved ergonomics for your working environment - placing power at your fingertips or where you need it most.

IDEAL INDUSTRIES INC. Acquires CMD Limited

2017 saw CMD move into its next exciting chapter under the new ownership of IDEAL INDUSTRIES. IDEAL INC's Chairman and CEO Jim James explained, "This is a great fit for us. CMD strengthens our ability to help large scale businesses simply and seamlessly expand power and technology throughout their workspaces. CMD's technical expertise and market reputation will help us accelerate European acceptance for both our new wireless lighting control and mobile device charging systems".

AUDACY®

The first of these ranges to launch is our Audacy® Wireless Controls system, that was showcased for the first time at LUX Live 2017. The system focuses on efficiency in all its forms. Faster and easier to install, you save time and costs associated with build-out and renovation. Our streamlined wireless system allows you to better control your powered environment while advanced smart components minimise energy and lighting costs over time.

CMD wouldn't have been able to achieve its market leading position without the total dedication of our 200 plus workforce. With further investment planned that will support and further build upon the growth that we have experienced in recent years, the CMD team are very well positioned to further lead and strengthen CMD's product and service offering to the commercial interiors industry.



5. Chlari

Jon Holding General Manager



Introduction

The Leadership Team



Stephen Roberts Head of Sales



Bruce Cantrill Head of Marketing and New Business Development



Roger Byrne Head of Production



Andrew Fraser Financial Controller

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Product Range







On Desk **Power Modules**



AUDACY® Wireless **Switches**



AUDACY® Luminaire Controllers



AUDACY® Gateway



AUDACY® Light and Motion Sensors







Under Desk Power Modules









Access Power



Power Distribution



Product Range





Monitor Arms







In Desk Power Modules





Energy Management



CPU Supports













Bespoke Solutions



CMD prides itself on being a Solution Provider, therefore in addition to providing ergonomic, power module, power distribution and lighting control solutions from our standard range, we also provide a comprehensive 'Bespoke Solution' service, incorporating Power, Data, AV & ergonomic components in a wide range of unique and innovative configurations.

As a result of ongoing investment in the latest manufacturing CNC punching and forming technology we have the ability to design and manufacture bespoke solutions, from simple bracketry to complex customer specific designs, at our manufacturing facility in Rotherham ensuring we meet the highest quality standards and lead times.

Our specialist engineering team span multiple disciplines and are united by their shared enthusiasm for quality solutions to the latest national and international standards.

We deliver a range of products and solutions which include:

- Power UK and International configurations
- USB charging and data transfer
- Audio and Visual options (HDMI, VGA, Phono and much more)
- Data transfer
- Cable management systems
- Lighting distribution
- Protection
- Switching
- Underfloor power distribution

We are extremely proud of our heritage and have been producing customer led solutions since 1984. The images below show products that were specifically designed for clients who needed a unique solution that we were unable to provide from our standard product range.

























This stylish monitor arm, arguably one of the slimmest of its type on the market today, is available in silver, black and white and comes complete with quick release VESA, C clamp, through desk and 80mm grommet hole fixing kits as standard. The arm tension can be adjusted quickly using a simple Allen key system to support monitors ranging between 2kgs and 5kgs, which covers most of the popular brands.











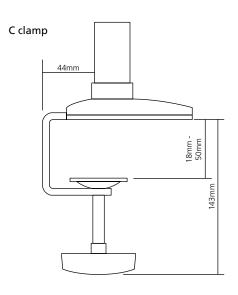








Code	Colour	Description
68C001	Silver	Single Spring Arm Silver Matt
68C002	Black	Single Spring Arm Black Matt
68C003	White	Single Spring Arm White Matt
68C004	Silver	Double Spring Arm Silver Matt
68C005	Black	Double Spring Arm Black Matt
68C006	White	Double Spring Arm White Matt
68C007	Silver	Double C clamp Silver Matt
68C008	Black	Double C clamp Black Matt
68C009	White	Double C clamp White Matt



Slatwall options are available on request.



Cygnus® is a design classic and features a unique blend of innovative engineering and style. Cygnus® is now available with our Razor Mount as standard, making it the perfect solution for double screen use, with a *combined weight range of 8kgs to 14kgs. Cygnus® is available in silver and white with a choice of C clamp, through desk and grommet hole fixing kits.

*The combined weight must include the Razor Mount and two flat screen monitors.

Cygnus Monitor Arm and Razor Mount



Includes C clamp and through desk fixing kit



cmd

Monitor Arms



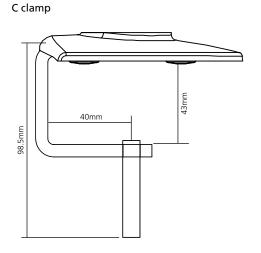






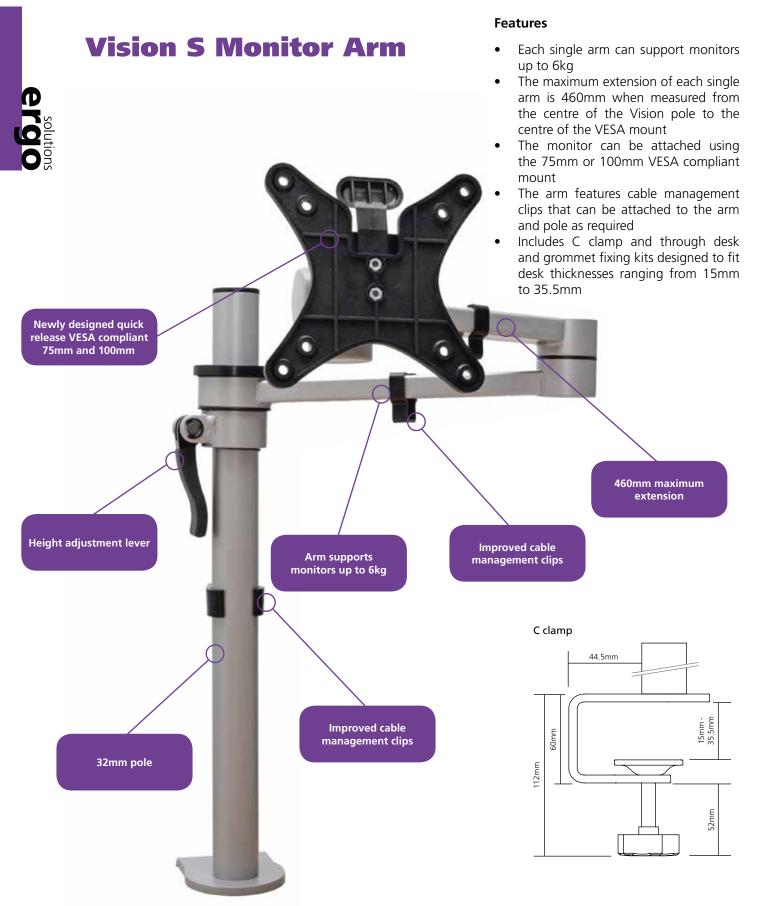


Code	Colour	Description
80K848	Silver	Single Cygnus® gas lift arm with Razor Mount, C clamp and Bolt Through fixing kit
80K94520	White	Single Cygnus [®] gas lift arm with Razor Mount, C clamp and Bolt Through fixing kits
440324	Silver	80mm grommet mount for Cygnus®. Arm not included
440325	White	80mm grommet mount for Cygnus®. Arm not included





Our newly designed Vision S monitor arm offers the ergonomic benefits of an assisted monitor arm but is much more affordable. Vision S can be installed at different heights to suit different environments with rotation and height adjustments being made by the individual users. The 32mm diameter pole allows a huge 330mm of height adjustment, while the design also allows a full 360 degrees of swivel movement with full head tilt to be positioned at the optimum eye level.





Single arm

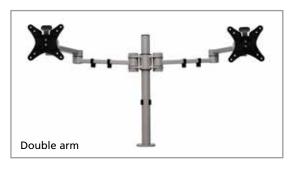
Our new Single Vision kit allows for a single screen to be mounted and adjusted as required. Arm supports monitors up to 6kg.

Code	Colour	Description
68V001	Silver	Single Vision pole arm with C clamp, Bolt Through and 80mm Grommet fixing kit. With black plastic trim
68V002	Black	Single Vision pole arm with C clamp, Bolt Through and 80mm Grommet fixing kit. With black plastic trim
68V003	White	Single Vision pole arm with C clamp, Bolt Through and 80mm Grommet fixing kit. With white plastic trim

Vision S Double Arm

Code	Colour	Description
68V004	Silver	Double Vision pole arm with C clamp, Bolt Through and 80mm Grommet fixing kit. With black plastic trim
68V005	Black	Double Vision pole arm with C clamp, Bolt Through and 80mm Grommet fixing kit. With black plastic trim
68V006	White	Double Vision pole arm with C clamp, Bolt Through and 80mm Grommet fixing kit. With white plastic trim

Note: The alignment of some double screen and multiscreen systems may vary with an accepted tolerance of +/- 5mm.



Our new Double Vision kit allows for two screens to be mounted and adjusted as required. Each VESA head supports monitors up to 6kg.

Vision S 750mm Poles

Code	Colour	Description
68V022	Silver	Vision S 750mm Pole with C clamp, Bolt Through and 80mm Grommet fixing kit with black cap
68V023	Black	Vision S 750mm Pole with C clamp, Bolt Through and 80mm Grommet fixing kit with black cap
68V024	White	Vision S 750mm Pole with C clamp, Bolt Through and 80mm Grommet fixing kit with white cap

The 750mm poles is sold separately and is a perfect upgrade for taller users.

Vision S 400mm Pole

Code	Colour	Description
68V014*	Silver	Vision S 400mm Pole with C clamp, Bolt Through and 80mm Grommet fixing kit with black cap

Vision S Single Head

Code	Colour	Description
68V016*	Silver	Vision S Single Head

*Subject to minimum order quantities and lead times.



Vision S Laptop Support

Used in conjunction with the Vision S pole arm the laptop holder can be positioned to the side or rotated around the pole and height can be adjusted with a simple release mechanism.

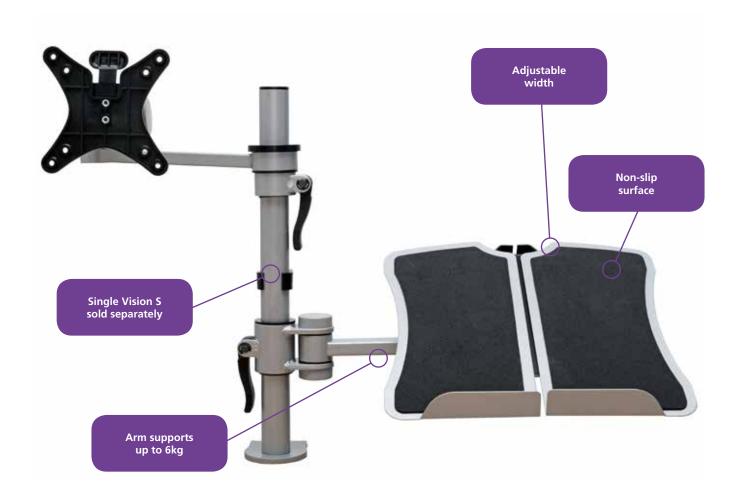
Features

- Laptop holder will hold up to 6kg
- Tray features a non-slip surface with adjustable platforms for wider laptops
- 360° rotation around the Vision pole arm
- 330mm height adjustment range
- 90° pan adjustment
- 40° tilt adjustment range

Code	Colour	Description
68V007	Silver	Vision S Laptop Support with black lever
68V008	Black	Vision S Laptop Support with black lever
68V009	White	Vision S Laptop Support with white lever









Vision Thin Client Holder

Used in conjunction with the Vision S pole arm our thin client holder can support a variety of thin client sizes. The Vision S pole arm can be supplied with an extended C clamp base if needed to allow the holder to be used with desk privacy screens - please ask for details.

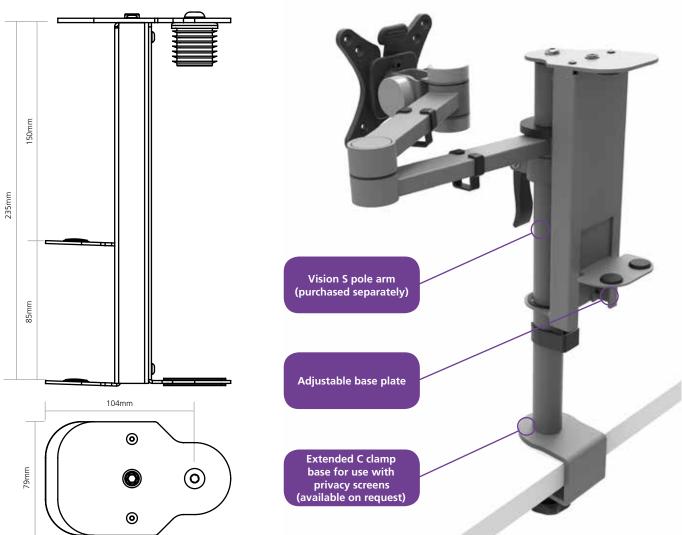
Designed to support thin clients with a minimum height of 150mm, a maximum height of 235mm, maximum width of 300mm and maximum depth of 60mm.

Features

- Easy Fixing Can be fitted to your existing Vision pole monitor arm or bought together for new installations
- Strong Construction Constructed from 2mm powder coated steel making this an affordable and robust solution for thin client users
- Versatility The Vision S thin client holder is fully adjustable and can accommodate a wide range of thin client sizes

Code	Colour	Description
68V061	Silver	Vision S Thin Client Holder
68V062	Black	Vision S Thin Client Holder
68V063	White	Vision S Thin Client Holder

Dimensions



Note: Our Vision S pole arm is not included with our Vision S thin client holder.

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Sit Stand Workstations



New

Product

Active Electric Sit Stand Workstation

Active™ is our new electric sit stand workstation which has been designed to instantly convert most desks into a sit stand workspace. The product is quick and easy to assemble and provides a generous working surface that can be raised and lowered at the touch of a button.

Features

- Quick and easy assembly
- Converts any desk into a sit stand workstation
- Comes complete with a single and double supports
- Single option supports monitor weights up to 7kg and the double option supports monitor weights up to 14kg

VESA compliant 75mm and 100mm

- Travel range is 450mm ±5mm
- Travel time is approx. 11 seconds

The product life cycle is 10,000+



700mm x 400mm solid working surface

Stable metal base

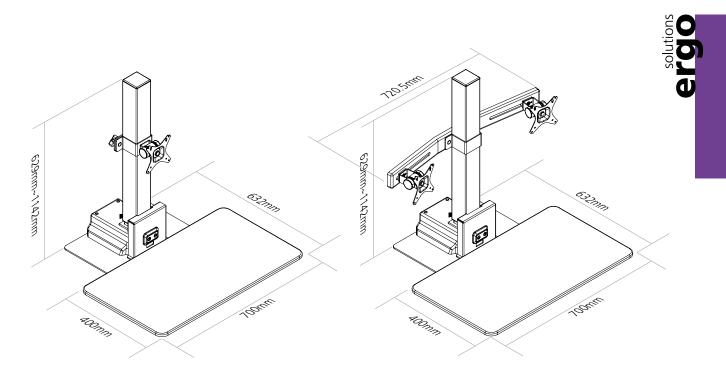
Code	Colour	Description	
55E007	White	Active Single and Double Electric Sit Stand Workstation	

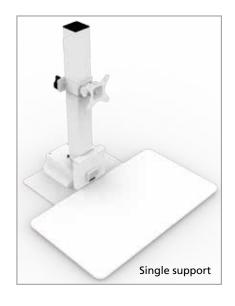




Sit Stand Workstations

Dimensions









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CPU Supports



Enclose CPU Support



Designed to enhance any office environment with its modern aesthetics and compact features, the Enclose CPU holder is simple to install and a robust solution for keeping the CPU out of the way and free from damage. Poised under the desk, Enclose improves the CPU performance by facilitating improved ventilation promoting a longer life for CPUs by allowing hardware to stay cool and vent freely. It also lifts the CPU off the floor where dust accumulates and where valuable computer equipment could be kicked or damaged by a vacuum cleaner. Made from high quality aluminium for improved lifetime longevity, simple handle adjustment for either height or width exact fitting and a full 360° slide and rotation feature makes Enclose the only choice for your next CPU holder.

Code	Description
58R011	Enclose CPU Support Silver

Features

- CPU dimensions range:
 280mm 380mm (H) x 55mm 125mm (W)
- Supports CPU weights up to 8kg subject to desk material
- High quality aluminium with simple handle adjustment
- Full 360° slide and rotate mechanism

Spin CPU Support

Spin is a strong and versatile CPU holder that is capable of supporting a range of CPU sizes. Offering many of the benefits of other CPU supports Spin is also available as a lockable option to protect the CPU from theft in public and easy accessible areas.

Code	Description
58R010	Spin CPU Holder. Complete with slide and rotate mechanism
58R009	Lockable Spin CPU Holder. Complete with slide and rotate mechanism. 2 sets of keys included

Features

Spin CPU Support

- Adjusts to support a range of CPU sizes
- Dimensions: 380mm 580mm (H) x 50mm 275mm (W)
- Supports CPU weights up to 15kg subject to desk material
- Comes complete with a slide and rotate mechanism

Spin Lockable CPU Support

- Locking mechanism comes with 2 sets of keys
- Slideable and 360° rotation
- Dimensions: 370mm 570mm (H) x 110mm 230mm (W) x 295mm - 540mm (D)
- Supports CPU weights up to 15kg subject to desk material





Snug CPU Support



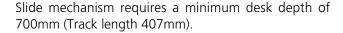
Snug is a simple and stylish CPU support that enhances the aesthetics of any workspace environment and allows easy access to the front and back of the CPU.

CPU Supports

Features

- Slim and stylish design
- Simple to install
- Available in various colours
- ABS fascia cover fits on to metal structure giving a smart aesthetic look
- Extender plate included as standard for wider CPUs
- CPU sits on a metal platform and is secured in place with a strap
- CPU dimensions range:
 275mm 420mm (H) x 96mm 190mm (W)
- Load tested by FIRA
- Supports CPU weights up to 10kg subject to desk material
- Product weight 3.44kg

Optional Slide and Rotate allows movement of the CPU holder for Snug and Ladder.







Code	Colour	Description
58A109	Black Body with Metallic Silver Frame	Snug Adjustable CPU Support
58A122	White Body with Metallic Silver Frame	Snug Adjustable CPU Support
58A162	Grey Body with Metallic Silver Frame	Snug Adjustable CPU Support
58A049	Black and Silver	Slide and Rotate Mechanism

Rainbow CPU Trolley

Features

- Simple CPU trolley
- Width adjustable from 100 190mm
- Rubber support pads hold CPU firmly in position
- Supports CPU weights up to 10kg

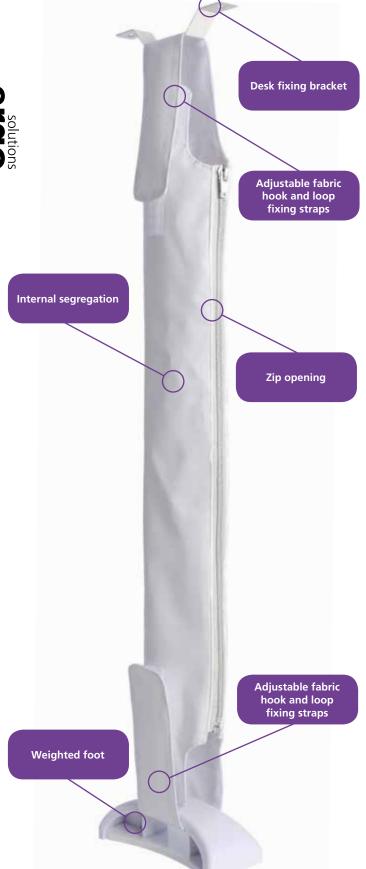
Code	Colour	Description
58A190	Silver	Rainbow CPU Trolley



Cable Spines



Tidy Cable Spine



This innovative fabric design deals with the everyday problem of cable management with a simple and flexible solution that fits a wide range of desk systems.

Tidy is extremely versatile, lightweight and easy to install. The zip and segregation channels allow all power and data cabling to be concealed yet segregated whilst the fabric hook and loop fixing straps allow you to cater for a range of desk heights.

Features

- Adjustable height from 690mm to 790mm to cater for different desk heights
- Each unit is made from a high quality fabric which gives it fabulous strength and flexibility
- Available in black, white and grey
- Product weight 500g

Note: The desk fixing bracket and weighted foot are coloured to match the product.







Code	Colour	Description
650802	Black	690mm to 790mm with black zip
650803	White	690mm to 790mm with white zip
650804	Grey	690mm to 790mm with grey zip

Cable Tidy Fixing





Code	Colour	Description
PPH260G	Grey	Cable Tidy fixing for use with Standard Cable Hive (See page 111)

Black

Cable Spines

Spiral Cable Spine

This unique desk to floor cable management spine offers exceptionally quick and easy installation plus a large cable carrying capacity and a good aesthetic appearance.

Code	Colour	Description
660132	Black	Spiral Cable Spine
660133	White	Spiral Cable Spine
660130	Silver	Spiral Cable Spine

White

Silver



Diameter 69mm

Cable exit 29mm (H) x 50mm (W) Fits 25mm conduit

Spring like expansion from 150mm to 1300mm

Large capacity to accommodate a number of different sized cables

Simple install by single

screw into desktop

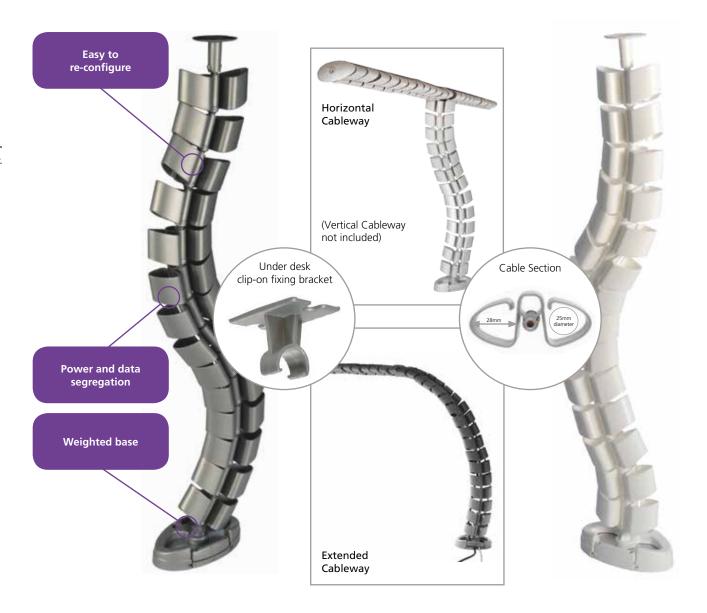
Cable exit

Weighted horseshoe

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Cableway Cable Spine An attractive and practical method of cable containment. The Cableway routes cables from floor to dock and

The Cableway routes cables from floor to desk and provides mechanical protection and strain relief.



Code	Colour	Description
660181	White	Vertical Cableway weighted base to desk including top bracket. (Approx height 780mm)
660042	Silver	Vertical Cableway weighted base to desk including top bracket. (Approx height 780mm)
660182	White	Horizontal Cableway. (Approx length 620mm)
660050	Silver	Horizontal Cableway. (Approx length 620mm)
660183	White	Extended Cableway weighted base to desk including top bracket. (Approx length 1340mm)
660046	Silver	Extended Cableway weighted base to desk including top bracket. (Approx length 1340mm)

Features

- Two compartments to allow for power and data cable segregation
- Internal channel allows 3 pole connectors through
- Allows conduit up to 25mm diameter to be swiped in
- Segments are detachable for easy re-configuration
- The Vertical Cableway screws to underside of the desk using a top bracket (Fixing kit included)
- The Horizontal Cableway screw to the underside of the desk using clip-on fixing brackets (Fixing kit included)

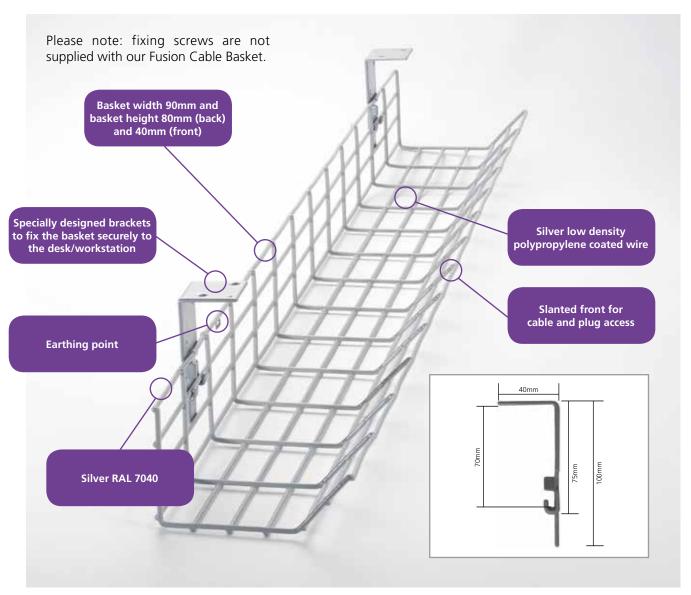


Fusion Cable Basket

Code	Description
650468	800mm (actual length 766mm) includes 2x Brackets. Silver/Grey
650469	1000mm (actual length 994mm) includes 2x Brackets. Silver/Grey
650470	1200mm (actual length 1146mm) includes 2x Brackets. Silver/Grey
650471	1400mm (actual length 1375mm) includes 2x Brackets. Silver/Grey
650534	1600mm (actual length 1527mm) includes 2x Brackets. Silver/Grey

Fusion is a high-capacity polypropylene coated wire cable management system that features a sloping side for easy access to cables. The hook brackets make Fusion simple and quick install with the option of fixing to the underside of the desk or to the desk modesty panel. Basket width 90mm and basket height 80mm (back) and 40mm (front).





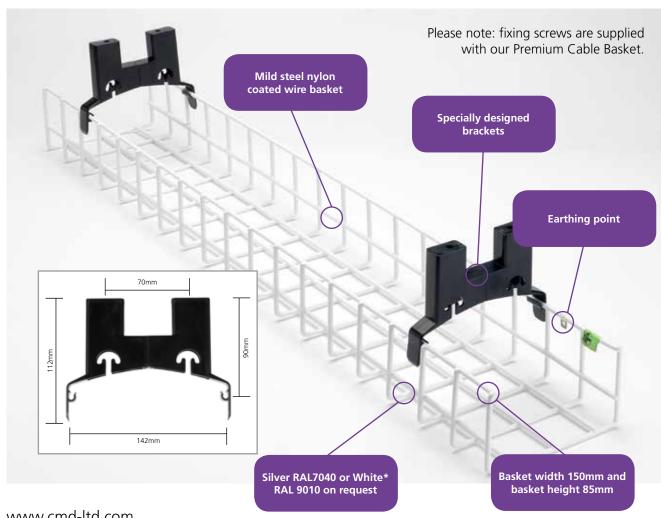


Premium Cable Basket

Premium is a simple cable containment basket which clips underneath the desk and routes power and data cables neatly under the desk surface. Basket width 150mm and basket height 85mm.

Code	Colour	Description
650756	Silver	Premium cable basket (1000mm) includes x2 Brackets
650757	White*	Premium cable basket (1000mm) includes x2 Brackets
650758	Silver	Premium cable basket (1200mm) includes x2 Brackets
650759	White*	Premium cable basket (1200mm) includes x2 Brackets
650760	Silver	Premium cable basket (1400mm) includes x2 Brackets
650761	White*	Premium cable basket (1400mm) includes x2 Brackets
650762	Silver	Premium cable basket (1600mm) includes x2 Brackets
650763	White*	Premium cable basket (1600mm) includes x2 Brackets
650764	Silver	Premium cable basket (1800mm) includes x2 Brackets
650765	White*	Premium cable basket (1800mm) includes x2 Brackets
650128	Black	Additional x1 Strap hinge bracket

^{*} White Premium cable baskets are available on request, subject to lead times and a minimum order quantity. 2000mm lengths are available on request.





Metal Desk Grommets

A high quality cast aluminium desk grommet available in polished, brush nickel and matt chrome finish. Brush strip on cable entry port. The unit features a twist lock action to retain the lid. Easily retro fitted into an 80mm diameter hole. Minimum work surface thickness is 12mm.

- Cover plate conceals all the cables below the desk top
- Cover is removable to allow the introduction of cables with a fitted plug





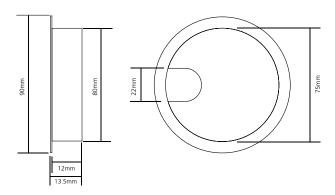


Polished

Brushed Nickel

Matt Chrome

Code	Colour	Description
520168	Polished	80mm Desk Grommet
520169	Brushed Nickel	80mm Desk Grommet
520170	Matt Chrome	80mm Desk Grommet



Plastic Desk Grommets

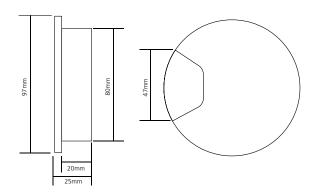
A high quality plastic desk grommet. Easily retro fitted into a 80mm diameter hole. Minimum work surface thickness is 22mm and has a removable slide that can be stored in a recess under the cover plate.







Code	Colour	Description
520001	Black	80mm Desk Grommet
520162	White	80mm Desk Grommet
520145	Silver	80mm Desk Grommet



Ergonomic Accessories



Hi-tech Trunking

- Solves the problem of untidy cabling
- Three separate channels for power, voice and data segregation
- Two piece swipe through T-shaped strips for addition or removal of cables
- Cutting service is available for non-standard lengths
- Self-adhesive backing strip
- Can be drilled and screw mounted
- Colour Black

Code	Length
650007	1000mm
650013	1500mm
650016	2000mm

Flexible Cable Trunking

- Simple means of keeping cables tidy
- Suitable for use on furniture, control gear and enclosures
- Available in three sizes
- Supplied in 500mm lengths
- Slip ring for quick addition or removal of cables
- Self-adhesive backing strip
- Colour White

Code	Diameter
650033	20mm
650034	30mm
650035	40mm

Cable Clip

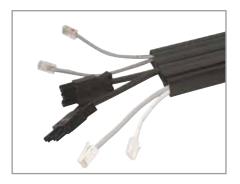
- Handy clip providing a simple method of holding cables
- Self-adhesive fixing
- Colour Grey

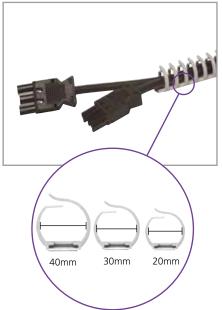
Code	Dimensions	
630001	25mm (W) x 30mm (H)	

Cable Clamp

- Used to provide a secure cable fixing at the point of entry or exit from furniture
- Screws not provided

Code	Dimensions
630002	10mm (W) x 40mm (H)









modules









Electrical Safety



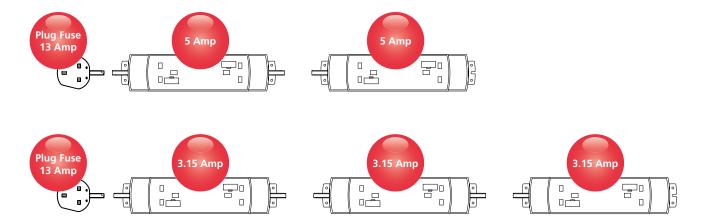
BS 6396 Electrical Systems in Office Furniture and Educational Furniture

Electrical equipment and installations must be designed and tested to ensure their safety and to comply with statutory regulations, in particular the "Electricity at Work Regulations". Relevant British Standards may be used as a means of demonstrating safety and compliance with the regulations. In the case of electrical systems in office furniture and educational furniture, the relevant standard for systems connected to the mains supply by means of a 13A plug is BS 6396.

Sockets installed in office furniture are intended to supply office equipment with a rating not exceeding 5A with BS 6396 referring to all office furniture electrical installations when completed must be tested. Section 7 of BS 6396 sets out the procedures. These tests should also be carried out on reconfigured desks and screens as well as new installations. Periodic inspections and tests must be carried out to fulfil the requirements of BS 6396 and the "Electricity at Work Regulations" in maintaining a safe working environment.

The diagrams below indicate the maximum number of socket outlets that may be connected from a single power supply cable fed from a 13 Amp BS 1363 plug and their relevant fuse ratings.

BS 6396 was updated December 2015 to now incorporate RCD protection and reflect the changes which have been in place for fixed wiring installations complying to the 17th Ed IEE Wiring Regulations BS 7671, the amendment to BS 6396 now requires new Desk Electrics installations to incorporate RCD protection if the fixed wiring does not.



BS 5733 General requirements for electrical accessories

BS 5733 specifies requirements and tests to check the safety in normal use of electrical accessories which are not covered by other specific British Standards. Such accessories are intended for use in household, commercial and light industrial premises where:

- The nominal supply voltage does not exceed 250 V a.c. single-phase, 50 Hz to 60 Hz or 250 V d.c
- The rated current of the accessory does not exceed 63A

Unless otherwise stated by the manufacturer, accessories conforming to this standard are intended for connection by cables or flexible cords conforming to BS 6004. BS EN 50525 or BS 7211. BS EN 61535.

BS EN 61535

Installation couplers intended for permanent connection in fixed installations

This standard applies to two, three, four and five wire installation couplers including earth, (if provided), with a rated voltage up to and including 500V a.c. and a rated connecting capacity up to and including 10mm for permanent connection in indoor electrical installations. Installation couplers with additional contacts for voltages other than mains voltages are outside the scope of this standard.

All Products within our range which are intended for connection to the fixed wiring of the building, (such as our Betatrak® Underfloor Busbar System and Modular Lighting Systems), use components certified to BS EN 61535.

Confidence in CMD Products

At CMD our highly trained and experienced engineers are fully qualified in all aspects of compliance with BS6396 and all of our products are manufactured to BS5733 and where relevant to BS EN 61535 and BS 7671 to assist in supplying products to enable full compliance with the relevant electrical installation standards.



Build It Your Way



Build it your way

The customise me logo shows that socket variations can be configured to suit your individual needs. See below.



Manage your energy

The Footprint logo shows when a module can be configured for energy management. See page 73.

Product Selection Compatible modules are identified by the blue tick ✓

Non-compatible modules are identified by the red cross X

	Affinity	Conti (Metal)	Conti (Plastic)	Contour	Elite+	Face	Harmony	Horizon	Inca	Porthole	Reveal	Surface
UK 13A	✓	√	√	√	✓	√	✓	✓	✓	✓	✓	✓
French/Belgian 16A	✓	✓	✓	✓	X	✓	✓	✓	Χ	✓	✓	✓
German (Schuko) 16A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Indian 6A	✓	✓	✓	✓	X	✓	✓	✓	Χ	X	✓	✓
Swiss 10A	✓	✓	✓	✓	X	√	✓	✓	Χ	✓	✓	✓
USA 15A	✓	✓	✓	√	X	✓	✓	✓	X	✓	✓	✓
Italian 10A/16A	✓	✓	✓	√	X	✓	✓	✓	X	✓	✓	✓
Footprint	✓	✓	✓	√	X	Χ	✓	✓	X	X	✓	✓
Cat 6	✓	✓	✓	✓	✓	Χ	✓	✓	X	✓	✓	✓
Cat 6a	✓	✓	✓	✓	✓	Χ	✓	✓	X	✓	✓	✓
Data Slots	✓	✓	✓	✓	X	Χ	✓	✓	Χ	X	✓	✓
Micro USB/Data Spools	✓	✓	X	✓	X	Χ	✓	✓	✓	X	✓	✓
VGA	✓	✓	✓	✓	X	Χ	✓	✓	Χ	X	✓	✓
3.5mm Mini Jack Audio	✓	✓	✓	✓	X	Χ	✓	✓	Χ	X	✓	✓
HDMI	✓	✓	✓	✓	X	Χ	√	✓	Χ	✓	✓	✓
USB Data	✓	✓	✓	✓	X	Χ	✓	✓	Χ	✓	✓	✓
USB Charger 2A	✓	✓	✓	✓	X	✓	✓	✓	✓	X	✓	✓
USB Charger 5A	✓	✓	✓	✓	X	✓	✓	✓	✓	X	✓	✓
Phono	✓	✓	✓	✓	X	Χ	√	✓	Χ	✓	√	✓
Breakers/Protection	✓	√	X	✓	✓	X	✓	✓	Χ	X	✓	✓

USB Sockets

CMD supply two different types of USB sockets; USB data and USB power. Our USB data sockets require a separate USB cable, which must be connected to the back of the module and to the corresponding USB socket on a computer to allow data to be transferred to and from the module. Our USB power sockets are hardwired into the module's power supply to produce a dual port USB power supply capable of charging a wide range of devices including the simultaneous charging of two Apple devices.





USB Data

USB Charging

Rating of commonly used appliances (Source: Electrical Safety Council www.esc.org.uk)

Appliances	Amps	Watts
Computer Monitor	<0.5A	100W
Desktop Computer	3.0A	700W
Desk Lamp	<0.5A	60W
Laptop Charger	<0.5A	65-100W
Printer	<0.5A	50W

Appliances	Amps	Watts
Mobile Phone Charger	<0.5A	<12W
Landline Cordless Phone Charger	<0.5A	10W
Wi-Fi Router	<0.5A	10W
Radio	<0.5A	40W
Vacuum Cleaner	9.0A	2000W

Socket Options



Design a power module to suit your needs

International Sockets: French/Belgian Switches: German Neon Switch Italian Single Pole (with **Swiss** or without neon) American* Double Pole (with Indian or without neon) Note: International sockets are only available in black and white but can be fitted with a black, grey or white 50mm x 50mm surround.

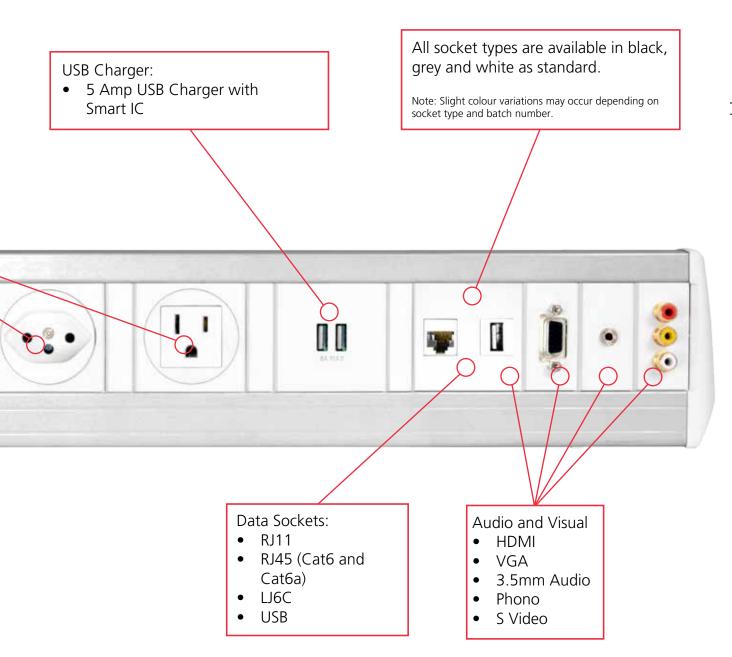
UK Sockets:

- Standard UK 45 and 90 degrees (Unfused)
- Standard UK fused 45 and 90 degrees (3.15A and 5A)
- T-earth 90 degrees
- T-earth 90 degrees fused (3.15A and 5A)

^{*}We recommend that a dual supply is used when a 110V American socket is installed with a UK 240V supply.



Socket Options

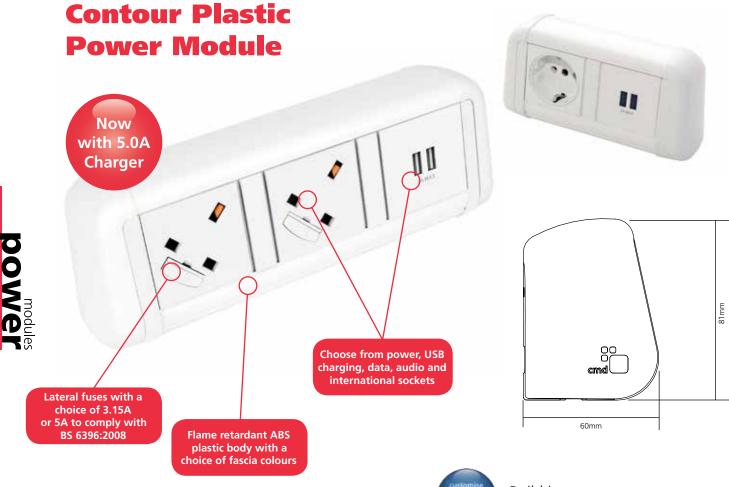


While standard configurations are offered, power modules can be adapted to meet your individual requirements. Please give us a call and speak to one of our sales team to discuss your requirements.

On Desk Power and Data

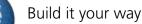


Contour has a modern, curved appearance displaying many design features like our lateral fuse carrier, internal segregation between power and data and comes complete with plastic clips on the covers so there are no visible fixing screws and fully compliant to current safety regulations.



Features

- Power and data cables all exit from the back of the unit unless on a slatwall/tool rail where cables exit from the bottom of the unit
- Unit complies with BS 5733
- All standard options are supplied with a 1m mains lead to 3 pole connector
- Requires a separate mains lead if connected directly to a wall or floor socket
- Fixing via Contour C clamp or adhesive fixing kit
- All UK sockets feature integral fuses. Choice of 3.15A or 5A fuses are available to comply with BS 6396



Please see page 31 for more information.



Manage your energy

Configure to allow energy to be monitored and controlled with Footprint. See page 73 for more details. *Please note that 6 tiles is the maximum with a maximum length of 362.5mm.

Cables: White and grey modules are supplied with white cables and black modules are supplied with black cables.

Data Cables: CMD cannot accept any responsibility or liability for providing category 6 performance in products supplied. CMD cannot accept any responsibility or liability for providing HDMI performance in products supplied over 5m in length.

Fuses: Only accessible after removal of equipment plug. Lead lengths shown will be the conductor length and not the distance from the end of the module to the plug. For example, a 3m prewired power lead will be approximately 2.875m as 125mm will be internal for the termination. This is also applicable for data leads. Data fascias may be subject to colour change.



On Desk Power and Data









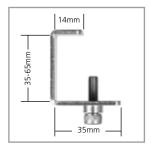
UK Code	Schuko Code	Colour	Description
94CP01GST	94CP51GST	Black/ White	1 x power, 1 x Twin port 2Amp
94CP02GST	n/a	Grey/ White	USB Charger, 1m mains lead to 3 pole
94CP03GST	94CP52GST	All White	connector
94CP04GST	94CP53GST	All Black	
94050007	Please call	Black/ White	1 x power, 1 x Twin port 5Amp
94050008	n/a	Grey/ White	USB Charger, 1m mains lead to 3 pole
94050009	Please call	All White	connector
94050010	9400011	All Black	
94PS04GST	94PS12GST	Black/ White	2 x power, 1m mains lead to 3 pole
94PS01GST	n/a	Grey/ White	connector
94PS07GST	94PS13GST	All White	
94PS10GST	94PS14GST	All Black	
94CP05GST	94CP54GST	Black/ White	2 x power, 1 x Twin port 2Amp
94CP06GST	n/a	Grey/ White	USB Charger,
94CP07GST	94CP55GST	All White	1m mains lead to 3 pole connector
94CP08GST	94CP56GST	All Black	

UK Code	Schuko Code	Colour	Description
94050011	Please call	Black/ White	2 x power, 1 x Twin port 5Amp
94050012	n/a	Grey/ White	USB Charger, 1m mains lead to 3 pole
94050013	Please call	All White	connector
94050014	9400014	All Black	
94U048GST	94U052GST	Black/ White	2 x power, 2 x RJ45 data Cat6,
94U049GST	n/a	Grey/ White	1m mains lead to 3 pole connector
94U050GST	94U053GST	All White	
94U051GST	94U054GST	All Black	
94PS06GST	n/a	Black/ White	4 x power, 1m mains lead to 3 pole
94PS03GST	n/a	Grey/ White	connector
94PS09GST	n/a	All White	
94PS11GST	n/a	All Black	

Contour C clamp

We recommend using 2x C clamps for any module with more than 2 sockets. Available in a range of colours and sizes.

Code	Description
440371	32mm maximum recommended desk thickness



Adhesive Fixing Kit

We recommend 1x adhesive fixing kit for each module. Each kit includes 2x adhesive fixings.

Code	Description
440006	2x adhesive fixings



Data Cables

Note: Separate data cables must be purchased with our new rear access data sockets. Other cable lengths are available on request.

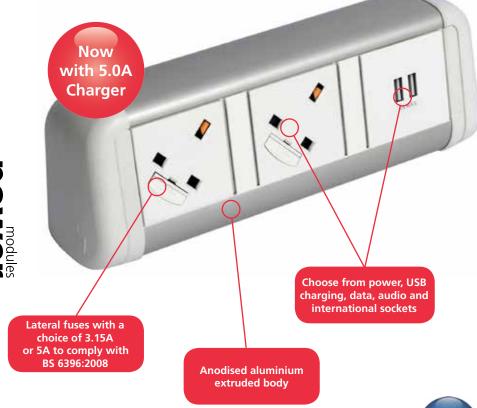
Code	Description
161713	3m Cat 6 data cable. Male to male connector
161239	2m USB data cable. Male to male connector
161718	2m HDMI data cable. Male to male connector

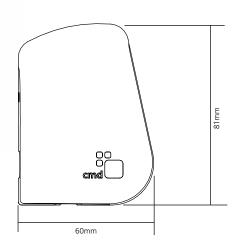
On Desk Power and Data



If you want the modern, curved appearance of Contour Plastic without the restrictions in length, our metal Contour with its sleek silver anodised metal extrusion is the one for you.

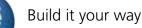
Contour Metal Power Module





Features

- Extruded silver metal body for longer lengths
- Power and data cables all exit from the back of the unit unless on a slatwall/tool rail where cables exit from the bottom of the unit
- Unit complies with BS 5733
- All standard options are supplied with a 1m mains lead to 3 pole connector
- Requires a separate mains lead if connected directly to a wall or floor socket
- Fixing via Contour C clamp or adhesive fixing kit
- All UK sockets feature integral fuses. Choice of 3.15A or 5A fuses are available to comply with BS 6396



Please see page 31 for more information.



Manage your energy

Configure to allow energy to be monitored and controlled with Footprint. See page 73 for more details.

Cables: White and grey modules are supplied with white cables and black modules are supplied with black cables.

Data Cables: CMD cannot accept any responsibility or liability for providing category 6 performance in products supplied. CMD cannot accept any responsibility or liability for providing HDMI performance in products supplied over 5m in length.

Fuses: Only accessible after removal of equipment plug. Lead lengths shown will be the conductor length and not the distance from the end of the module to the plug. For example, a 3m prewired power lead will be approximately 2.875m as 125mm will be internal for the termination. This is also applicable for data leads. Data fascias may be subject to colour change.









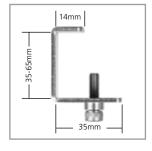
Schuko Code	Colour	Description		
94MCP06BGST	Black	1 x power, 1 x Twin port		
n/a	Grey	2Amp USB Charger 1m mains lead to 3 pole		
94MCP06WGST	White	connector		
Please call	Black	1 x power, 1 x Twin port		
n/a	Grey	5Amp USB Charger, 1m mains lead to 3 pole		
Please call	White	connector		
94MPS03BGST	Black	2 x power,		
n/a	Grey	1m mains lead to 3 pole connector		
94MPS03WGST	White	232231		
94MCP07BGST	Black	2 x power, 1 x Twin port		
n/a	Grey	2Amp USB Charger, 1m mains lead to 3 pole		
94MCP07WGST	White	connector		
	94MCP06BGST n/a 94MCP06WGST Please call n/a Please call 94MPS03BGST n/a 94MPS03WGST 94MCP07BGST n/a	94MCP06BGST Black n/a Grey 94MCP06WGST White Please call Black n/a Grey Please call White 94MPS03BGST Black n/a Grey 94MPS03WGST White 94MCP07BGST Black n/a Grey		

UK Code	Schuko Code	Colour	Description
94050004	Please call	Black	2 x power, 1 x Twin port
94050005	n/a	Grey	5Amp USB Charger, 1m mains lead to 3 pole
94050006	Please call	White	connector
94MUS03BGST	94MUS04BGST	Black	2 x power, 2 x RJ45
94MUS03GGST	n/a	Grey	data Cat6, 1m mains lead to 3 pole
94MUS03WGST	94MUS04WGST	White	connector
94MPS02BGST	n/a	Black	4 x power,
94MPS02GGST	n/a	Grey	1m mains lead to 3 pole connector
94MPS02WGST	n/a	White	

Contour C clamp

We recommend using 2x C clamps for any module with more than 2 sockets. Available in a range of colours and sizes.

Code	Description
440371	32mm maximum recommended desk thickness



Adhesive Fixing Kit

We recommend 1x adhesive fixing kit for each module. Each kit includes 2x adhesive fixings.

Code	Description
440006	2x adhesive fixings



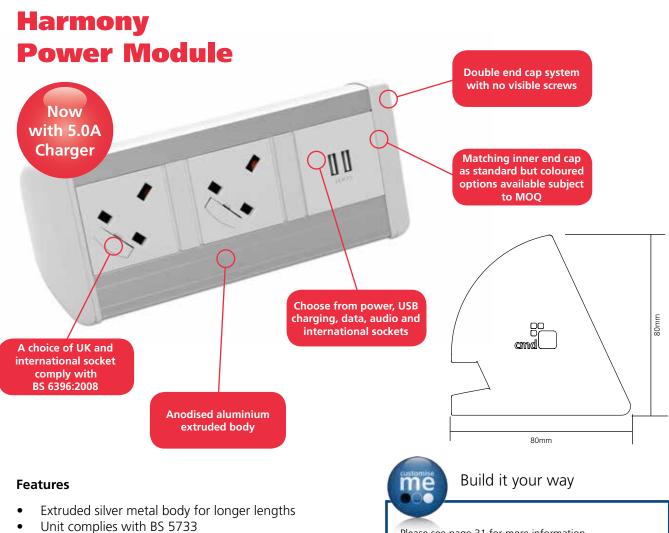
Data Cables

Note: Separate data cables must be purchased with our new rear access data sockets. Other cable lengths are available on request.

Code	Description
161713	3m Cat 6 data cable. Male to male connector
161239	2m USB data cable. Male to male connector
161718	2m HDMI data cable. Male to male connector



Harmony features integral fuses which are fully compliant to current safety regulations and is configured with segregated power and data choices to suit different workstation requirements. Harmony can be used in conjunction with our under desk modules to provide greater power solutions and is fitted to the edge of desk with C clamps or adhesive kit making it functional yet non-intrusive to the working desk.



- All standard options are supplied with a 1m mains lead to 3 pole connector
- Requires a separate mains lead if connected directly to a wall or floor socket
- Fixing via Harmony C clamp or adhesive fixing kit
- All UK sockets feature integral fuses. Choice of 3.15A or 5A fuses are available to comply with
- Segregation between power and data to comply with BS 6396

Please see page 31 for more information.



Manage your energy

Configure to allow energy to be monitored and controlled with Footprint. See page 73 for more details.

Cables: White and grey modules are supplied with white cables and black modules are supplied with black cables.

Data Cables: CMD cannot accept any responsibility or liability for providing category 6 performance in products supplied. CMD cannot accept any responsibility or liability for providing HDMI performance in products supplied over 5m in length.

Fuses: Only accessible after removal of equipment plug. Lead lengths shown will be the conductor length and not the distance from the end of the module to the plug. For example, a 3m prewired power lead will be approximately 2.875m as 125mm will be internal for the termination. This is also applicable for data leads. Data fascias may be subject to colour change.









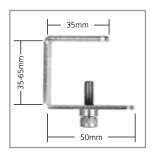
UK Code	Schuko Code	Colour	Description
8400001	8400036	Black/ Silver	1 x power, 1 x Twin port 2Amp USB Charger,
8400002	n/a	Grey/ Silver	1m mains lead to 3 pole connector
8400003	8400037	White/ Silver	
84050001	Please call	Black/ Silver	1 x power, 1 x Twin port 5Amp USB Charger,
84050002	n/a	Grey/ Silver	1m mains lead to 3 pole connector
84050003	Please call	White/ Silver	Connector
8400005	8400040	Black/ Silver	2 x power, 1m mains lead to 3 pole connector
8400006	n/a	Grey/ Silver	·
8400007	8400041	White/ Silver	
8400009	8400042	Black/ Silver	2 x power, 1 x Twin port 2Amp USB Charger,
8400010	n/a	Grey/ Silver	1m mains lead to 3 pole connector
8400011	8400043	White/ Silver	Connector

UK Code	Schuko Code	Colour	Description
84050004	Please call	Black/ Silver	2 x power, 1 x Twin port
84050005	n/a	Grey/ Silver	5Amp USB Charger, 1m mains lead to 3 pole connector
84050006	Please call	White/ Silver	
8400013	8400046	Black/ Silver	2 x power, 2 x RJ45 data Cat6,
8400014	n/a	Grey/ Silver	1m mains lead to 3 pole connector
8400015	8400047	White/ Silver	Connection
8400017	n/a	Black/ Silver	4 x power, 1m mains lead to 3 pole connector
8400018	n/a	Grey/ Silver	
8400019	n/a	White/ Silver	

Contour C clamp

We recommend using 2x C clamps for any module with more than 2 sockets. Available in a range of colours and sizes.

Code	Description
440005	32mm maximum recommended desk thickness



Adhesive Fixing Kit

We recommend 1x adhesive fixing kit for each module. Each kit includes 2x adhesive fixings.

Code	Description
440006	2x adhesive fixings



Data Cables

Note: Separate data cables must be purchased with our new rear access data sockets. Other cable lengths are available on request.

Code	Description
161713	3m Cat 6 data cable. Male to male connector
161239	2m USB data cable. Male to male connector
161718	2m HDMI data cable. Male to male connector

On Desk USB Charging



Chip is a 4A USB charging module set to revolutionise the way we use on desk power. With more and more devices using USB the demand for traditional sockets on the desk is falling. This stylish and fully integrated module simply connects to your under desk power using a Wieland or plug to offer 2 USB power supplies capable of charging all leading phones and tablets.

Chip USB Power Module



Features

- Plastic moulded body available in black, grey or white
- Contrasting body and fascia graphics available subject to minimum order quantities
- Fully integrated 4A USB PCB providing max two amp power supply at each port
- Supplied as standard with a 1m mains lead to 3 pole connector or UK plug
- Tested to IEC 60950-1
- Fixes to desk surface using a Chip C clamp



Manage your energy

Connect to Footprint to allow energy to be monitored and controlled with the Footprint dashboard. See page 73 for more details.

Cables: White and grey modules are supplied with white cables and black modules are supplied with black cables.



On Desk USB Charging





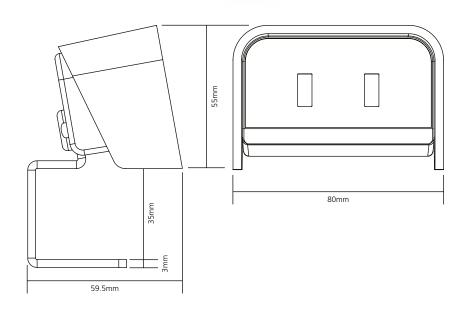


Code	Colour	Description
7500001	Black	2 x Twin port 4Amp USB charger 1m mains lead to 3 pole connector
7500002	Grey	2 x Twin port 4Amp USB charger 1m mains lead to 3 pole connector
7500003	White	2 x Twin port 4Amp USB charger 1m mains lead to 3 pole connector

This new module is available in black, grey and white as standard but has been designed to present a number of options for contrasting housing, fascia graphic and outer cover subject to minimum order quantities and lead times. For more information please speak to a member of our sales team.





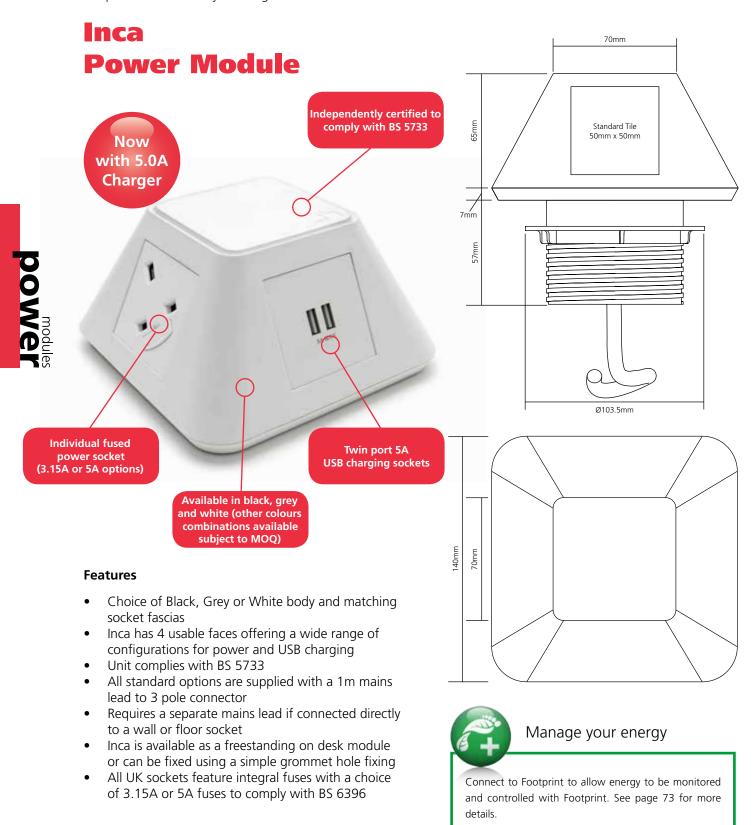


Note: Chip comes complete with bespoke C clamp fixing for desk thickness 15mm to 35mm.

On Desk Power and USB Charging



Inca has been designed specifically for communal areas and meeting rooms. This stylish power and USB charging module is available in black, grey and white and has four faces that can be configured in a variety of ways to meet the power needs of any working environment.



Cables: White and grey modules are supplied with white cables and black modules are supplied with black cables.

Fuses: Only accessible after removal of equipment plug. Lead lengths shown will be the conductor length and not the distance from the end of the module to the plug. For example, a 3m prewired power lead will be approximately 2.875m as 125mm will be internal for the termination.



On Desk Power and USB Charging







On Desk Module

This module sits directly on the desk surface so no fixings are required.

Grommet Mount Module

This module is fixed to the desk using an 80mm grommet hole fixing and is secured using a simple screw fit mechanism.

UK Code	Schuko Code	Colour	Description		UK Code	Schuko Code	Colour	Description
7900013	7900064	Black	1 x Power, 1 x Twin port 2Amp USB		7900043	7900076	Black	1 x Power, 1 x Twin port 2Amp USB
7900014	n/a	Grey	Charger, 1m mains lead to 3 pole		7900044	n/a	Grey	Charger, 1m mains lead to 3
7900015	7900065	White	connector. On Desk		7900045	7900077	White	pole connector. Grommet fixing
79050001	Please call	Black	1 x Power, 1 x Twin port 5Amp USB		79050013	Please call	Black	1 x Power, 1 x Twin port 5Amp USB
79050002	n/a	Grey	Charger, 1m mains lead to 3 pole		79050014	n/a	Grey	Charger, 1m mains lead to 3
79050003	Please call	White	connector. On Desk		79050015	Please call	White	pole connector. Grommet fixing
7900016	7900066	Black	2 x Power, 1 x Twin port 2Amp USB		7900046	7900078	Black	2 x Power, 1 x Twin port 2Amp USB
7900017	n/a	Grey	Charger, 1m mains lead to 3 pole		7900047	n/a	Grey	Charger, 1m mains lead to 3
7900018	7900067	White	connector. On Desk		7900048	7900079	White	pole connector. Grommet fixing
79050004	Please call	Black	2 x Power, 1 x Twin port 5Amp USB		79050016	Please call	Black	2 x Power, 1 x Twin port 5Amp USB
79050005	n/a	Grey	Charger, 1m mains lead to 3 pole		79050017	n/a	Grey	Charger, 1m mains lead to 3
79050006	Please call	White	connector. On Desk		79050018	Please call	White	pole connector. Grommet fixing
7900025	7900070	Black	2 x Power, 2 x Twin port 2Amp USB		7900055	7900082	Black	2 x Power, 2 x Twin port 2Amp USB
7900026	n/a	Grey	Charger, 1m mains lead to 3 pole connector.	7900056	n/a	Grey	Charger, 1m mains lead to 3	
7900027	7900071	White		7900057	7900083	White	pole connector. Grommet fixing	
79050010	Please call	Black	2 x Power, 2 x Twin port 5Amp USB		79050022	Please call	Black	2 x Power, 2 x Twin port 5Amp USB
79050011	n/a	Grey	Charger, 1m mains lead to 3 pole		79050023	n/a	Grey	Charger, 1m mains lead to 3
79050012	Please call	White	connector. On Desk		79050024	Please call	White	pole connector. Grommet fixing

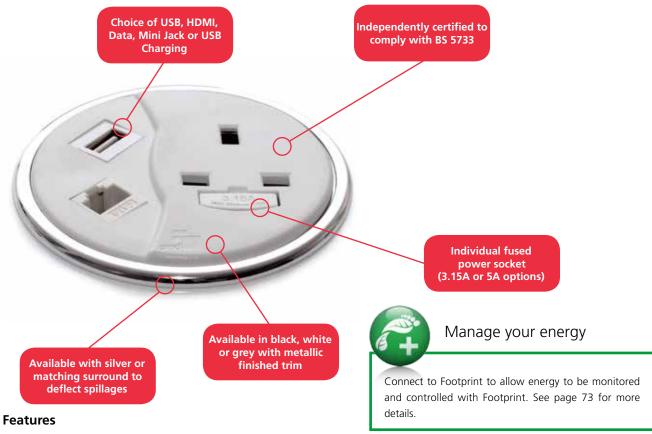
Note: The Inca module has a cable entry point at the back (not used with grommet mount module). This can be used to define the front, back, left and right of the module.

sales line: +44 (0)1709 829511

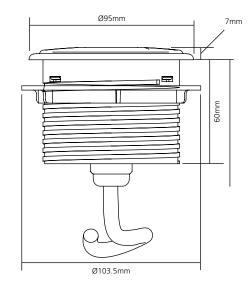


With its innovative design, PortHole is ideal for adapting an existing 80mm cable hole to allow a single power socket and a choice of keystones to be fitted to a desk with a simple screw fit mechanism.

PortHole Power, Data and USB Charging Module



- Available with a choice of black, white and grey plastic fascia surrounded by a metallic finished trim
- Unit complies with BS 5733
- All standard options are supplied with a 1m mains lead to 3 pole connector (3m data lead and 2m USB lead where appropriate)
- Requires a separate mains lead if connected directly to a wall or floor socket
- Easy to retrofit, incorporates an under desk, hand tightened barrel nut to fix unit in place
- USB charging option complies with the latest charging standard (BS EN 62684 Interoperability specifications of common external power supply (EPS) for use with data-enabled mobile telephones)
- Designed to fit any desk thickness between 12mm and 50mm



Cables: White and grey modules are supplied with white cables and black modules are supplied with black cables.

Data Cables: CMD cannot accept any responsibility or liability for providing category 6 performance in products supplied. CMD cannot accept any responsibility or liability for providing HDMI performance in products supplied over 5m in length.

Fuses: Only accessible after removal of equipment plug. Lead lengths shown will be the conductor length and not the distance from the end of the module to the plug. For example, a 3m prewired power lead will be approximately 2.875m as 125mm will be internal for the termination. This is also applicable for data leads. Data fascias may be subject to colour change.









PortHole is now available with matching surround. Please speak to a member of our sales team for more information.

Code	Colour	Description
90P001BGST	Black/Silver Surround	1 x UK Power Socket
90P001GGST	Grey/Silver Surround	Power socket 3.15A individually fused with 1m mains lead
90P001WGST	White/Silver Surround	to 3 Pole connector
90U001BGST	Black/Silver Surround	1 x UK Power Socket, 1 x RJ45 Cat6 Socket
90U001GGST	Grey/Silver Surround	Power socket 3.15A individually fused with 1m mains lead
90U001WGST	White/Silver Surround	to 3 Pole connector and 3m data lead
90U002BGST	Black/Silver Surround	1 x UK Power Socket, 2 x RJ45 Cat6 Sockets
90U002GGST	Grey/Silver Surround	Power socket 3.15A individually fused with 1m mains lead
90U002WGST	White/Silver Surround	to 3 Pole connector and 2 x 3m data leads
90U003BGST	Black/Silver Surround	1 x UK Power Socket, 1 x USB Socket (Data transfer)
90U003GGST	Grey/Silver Surround	Power socket 3.15A individually fused with 1m mains lead
90U003WGST	White/Silver Surround	to 3 Pole connector and 2m USB lead
90U004BGST	Black/Silver Surround	1 x UK Power Socket, 2 x USB Sockets (Data transfer)
90U004GGST	Grey/Silver Surround	Power socket 3.15A individually fused with 1m mains lead
90U004WGST	White/Silver Surround	to 3 Pole connector and 2 x 2m USB leads
90U005BGST	Black/Silver Surround	1 x UK Power Socket, 1 x RJ45 Cat6 Socket, 1 x USB Socket (Data transfer)
90U005GGST	Grey/Silver Surround	Power socket 3.15A individually fused with 1m mains lead
90U005WGST	White/Silver Surround	to 3 Pole connector, 3m data lead and 2m USB lead

HDMI sockets, Mini Jack Keystones and 5A fuses are also available. Cat6 socket is fully backward compatible.





Data Cables

Note: Separate data cables must be purchased when data sockets are required. Other cable lengths are available on request.

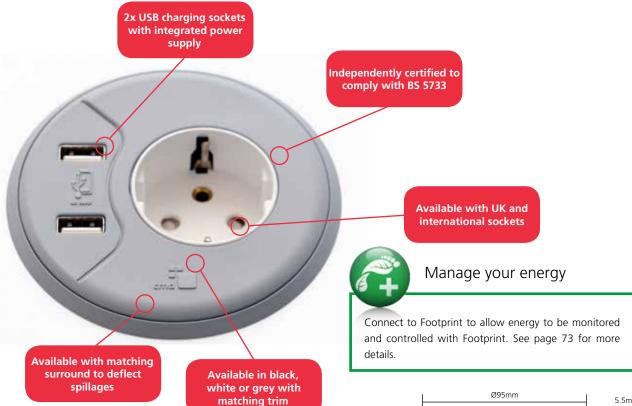
Code	Description
161713	3m Cat 6 data cable. Male to male connector
161239	2m USB data cable. Male to male connector
161718	2m HDMI data cable. Male to male connector

In Desk Power and USB Charging



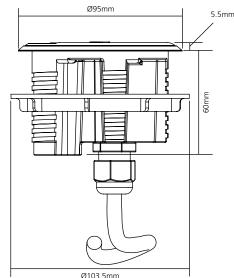
This latest version of PortHole has been designed to support a range of UK and international sockets and comes complete with integral 4A USB power supply. The 2 port USB power supply, which is capable of charging all leading mobile phones and tablets, is designed to share the power when two devices are connected but can deliver a maximum 4A to a single USB socket when only one device is connected.

PortHole UK and International Power and USB Charging Module



Features

- Available with a choice of black, white and grey plastic fascia with matching trim
- A choice of UK or a range of international sockets
- Unit complies with BS 5733
- All standard options are supplied with a 1m mains lead to 3 pole connector
- Requires a separate mains lead if connected directly to a wall or floor socket
- Easy to retrofit, incorporates an under desk, hand tightened barrel nut to fix unit in place
- Fully integrated 4A USB power supply
- Designed to fit any desk thickness between 12mm and 42mm



Cables: White and grey modules are supplied with white cables and black modules are supplied with black cables.

Data Cables: CMD cannot accept any responsibility or liability for providing category 6 performance in products supplied. CMD cannot accept any responsibility or liability for providing HDMI performance in products supplied over 5m in length.

Fuses: Only accessible after removal of equipment plug. Lead lengths shown will be the conductor length and not the distance from the end of the module to the plug. For example, a 3m prewired power lead will be approximately 2.875m as 125mm will be internal for the termination. This is also applicable for data leads. Data fascias may be subject to colour change.



In Desk Power and USB Charging







Code	Colour	Description
90FC01BGST	Black/Black Surround	1 x UK Power Socket 1 x 2 Port 4A USB Socket
90FC02GGST	Grey/Grey Surround	Power socket 3.15A individually fused with 1m mains lead to 3 Pole connector
90FC03WGST	White/White Surround	
90FC04BGST	Black/Black Surround	1 x UK Power Socket 1 x 2 Port 4A USB Socket
90FC05GGST	Grey/Grey Surround	Power socket 5A individually fused with 1m mains lead to 3 Pole connector
90FC06WGST	White/White Surround	
90FC07BGST	Black/Black Surround	1 x Schuko Power Socket 1 x 2 Port 4A USB Socket
90FC08GGST	Grey/Grey Surround	Power socket shuttered with 1m mains lead to 3 Pole connector
90FC09WGST	White/White Surround	

Note: Other international socket options are available so please discuss with a member of our sales team.

PortHole Wireless Charging Module

This award winning version of PortHole takes charging to the next level - wireless! It is ideal for adapting an 80mm cable hole or for upgrading your existing PortHole and PortHole II modules.

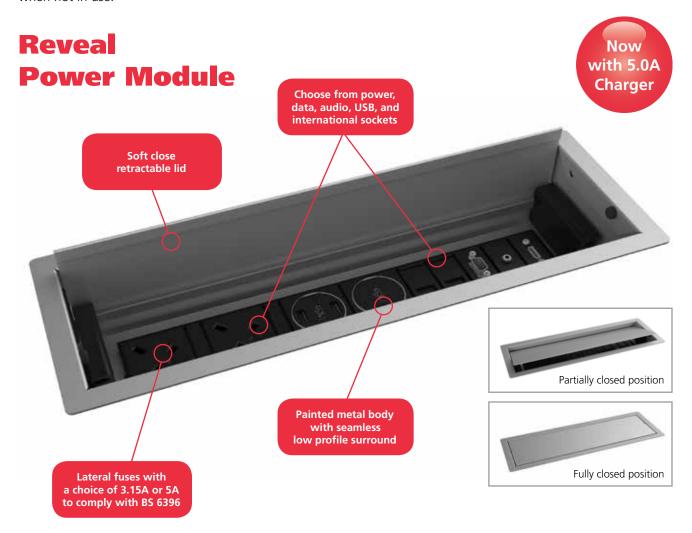
Simply place your wireless induction charging compatible device on the charger. A beep will acknowledge the connection, LED's will illuminate around the charger's perimeter and charging will commence.



Code	Colour	Description
90WP01BGST	Black/Silver Surround	1 x Wireless charging module
90WP01GGST	Grey/Silver Surround	1m mains cable to 3 Pole connector
90WP01WGST	White/Silver Surround	

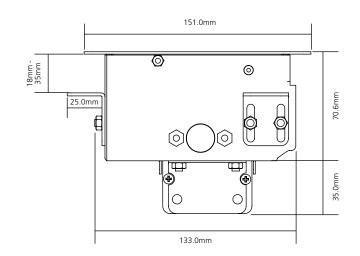


Reveal is the perfect solution for providing power and data sockets in boardrooms and office environments. The unit is available in a selection of finishes and features a soft opening lid mechanism to create a quality finish. The dual action lid mechanism also creates a generous shadow gap for cable exit whilst offering a seamless appearance when not in use.



Features

- Seamless low profile surround available in black, grey and white painted finish
- Available in two sizes; small is 341mm x 151mm (cut out size 328mm x 134mm) and large is 441mm x 151mm (cut out size 428mm x 134mm). A scaled cut out template is available on request
- Smooth action lid that retracts to allow access from both sides
- Fitting from above and locked into position using under desk fixings
- All UK power socket versions feature individual fuses
- Unit complies with BS 5733
- All standard options are supplied with a 1m mains lead to 3 pole connector
- All UK sockets feature integral fuses. Choice of 3.15A or 5A fuses are available to comply with BS 6396
- Designed to fit desk thicknesses ranging from 18mm to 35mm











UK Code	Schuko Code	Colour	Description	UK Code	Schuko Code	Colour	Description
7800101	7800115	Black	2 x Power, 1 x Twin port 2Amp USB Charger, 1 x HDMI, 1m mains lead to 3 pole connector	78050001	Please call	Black	2 x power, 1 x Twin port 5A USB charger, 1 x HDMI, 3m HDMI lead, 1m mains lead to 3 pole connector
7800107	7800131	White	2 x Power, 1 x Twin port 2Amp USB Charger, 1 x HDMI, 1m mains lead to 3 pole connector	78050002	Please call	Grey	2 x power, 1 x Twin port 5A USB charger, 1 x HDMI, 3m HDMI lead, 1m mains lead to 3 pole connector
7800103	7800117	Grey	2 x Power, 1 x Twin port 2Amp USB Charger, 1 x HDMI, 1m mains lead to 3 pole connector	78050003	Please call	White	2 x power, 1 x Twin port 5A USB charger, 1 x HDMI, 3m HDMI lead, 1m mains lead to 3 pole connector
7800104	7800118	Black	2 x Power, 1 x Twin port 2Amp USB Charger, 1x Charging Spool, 2 x Data, 1 x HDMI, 1 x VGA and 1 x Mini Jack, 1m mains lead to 3 pole connector	78050004	Please call	Black	2 x power, 1 x Twin port 5A USB charger, 2 C6 I/L, 1 x spool, 1 x HDMI, 1 x VGA, 1 x mini jack, 3m A/V and Data leads, 1m mains lead to 3 pole connector
7800108	7800132	White	2 x Power, 1x Twin port 2Amp USB Charger, 1x Charging Spool, 2 x Data, 1 x HDMI, 1 x VGA and 1 x Mini Jack, 1m mains lead to 3 pole connector	78050005	Please call	Grey	2 x power, 1 x Twin port 5A USB charger, 2 C6 I/L, 1 x spool, 1 x HDMI, 1 x VGA, 1 x mini jack, 3m A/V and Data leads, 1m mains lead to 3 pole connector
7800106	7800120	Grey	2 x Power, 1x Twin port 2Amp USB Charger, 1 x Charging Spool, 2x Data, 1 x HDMI, 1 x VGA and 1 x Mini Jack, 1m mains lead to 3 pole connector	78050006	Please call	White	2 x power, 1 x Twin port 5A USB charger, 2 C6 I/L, 1 x spool, 1 x HDMI, 1 x VGA, 1 x mini jack, 3m A/V and Data leads, 1m mains lead to 3 pole connector



Build it your way

Please see page 31 for more information.



Manage your energy

Configure to allow energy to be monitored and controlled with Footprint. See page 73 for more details.

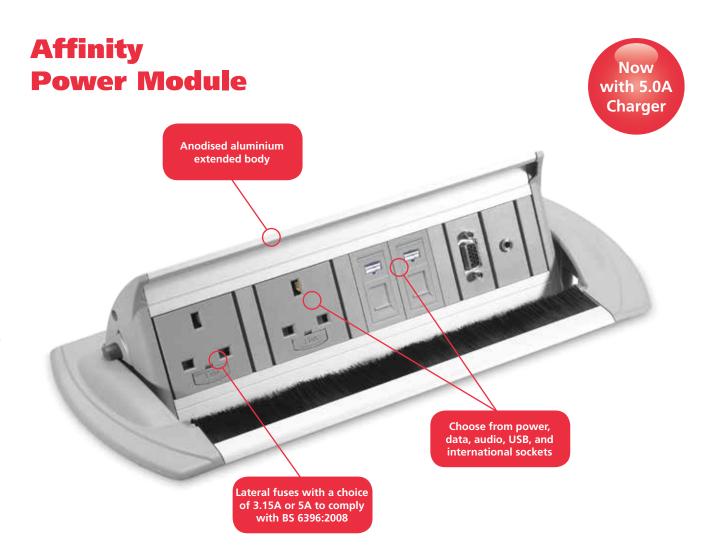
Cables: White and grey modules are supplied with white cables and black modules are supplied with black cables.

Data Cables: CMD cannot accept any responsibility or liability for providing category 6 performance in products supplied. CMD cannot accept any responsibility or liability for providing HDMI performance in products supplied over 5m in length.

Fuses: Only accessible after removal of equipment plug. Lead lengths shown will be the conductor length and not the distance from the end of the module to the plug. For example, a 3m prewired power lead will be approximately 2.875m as 125mm will be internal for the termination. This is also applicable for data leads. Data fascias may be subject to colour change.



Affinity module offers the convenience of power and data at the desktop when you need it and an uncluttered work surface when you don't. It is a concealed unit that can function in the open or closed position.



Features

- Affinity has grey fascia end caps and an anodised aluminium body
- Clamps into rectangular location hole using ratchet clamps
- All UK power socket versions feature individual fuses
- Unit complies with BS 5733
- All standard options are supplied with a 3m mains lead to 13A UK plug and 3m data leads where relevant
- Power and data cables all exit from under the side of the unit
- All UK sockets feature integral fuses. Choice of 3.15A or 5A fuses are available to comply with BS 6396
- Designed to fit desk thicknesses ranging from 10mm to 50mm





UK Code	Description
85PG01	2 x power, 3m mains lead to 13A UK plug Product cutout dimensions: 132mm x 161.5mm*
85PG03	4 x power, 3m mains lead to 13A UK plug Product cutout dimensions: 132mm x 286.5mm*
85U490	2 x power, 3m mains lead to 13A UK plug, 2 x RJ45 data Cat6, 3m data leads Product cutout dimensions: 132mm x 286.5mm*
85U493	4 x power, 3m mains lead to 13A UK plug, 2 x RJ45 data Cat6, 3m data leads Product cutout dimensions: 132mm x 361.5mm*
85HG02	2 x power, 3m mains lead to 13A UK plug, 2 x RJ45 data Cat6, 1 x VGA, 1 x mini jack, 3m data and AV leads Product cutout dimensions: 132mm x 299mm*
85AV52050	2 x power, 3m mains lead to 13A UK plug, 2 x RJ45 data Cat6, 1 x VGA, 1 x mini jack, 1 x HDMI, 3m data and A/V leads Product cutout dimensions: 132mm x 324mm*
85CP02	2 x power, 3m mains lead to 13A UK plug, 1 x Twin port 2Amp USB Charger Product cutout dimensions: 132mm x 224mm*
85CP10	2 x power, 3m mains lead to 13A UK plug, 1 x Twin port 2Amp USB Charger, 2 x RJ45 data Cat6, 3m data leads Product cutout dimensions: 132mm x 286.5mm*
85050001	2 x power, 3m mains lead to 13A UK plug, 1 x Twin port 5Amp USB Charger Product cutout dimensions: 132mm x 224mm*
85050002	2 x power, 3m mains lead to 13A UK plug, 1 x Twin port 5Amp USB Charger, 2 x RJ45 data Cat6, 3m data leads Product cutout dimensions: 132mm x 286.5mm*



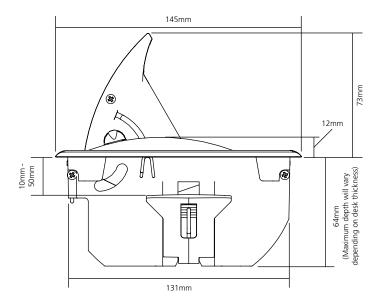
Build it your way

Please see page 31 for more information.



Manage your energy

Configure to allow energy to be monitored and controlled with Footprint. See page 73 for more details.



Cables: White and grey modules are supplied with white cables and black modules are supplied with black cables.

Data Cables: CMD cannot accept any responsibility or liability for providing category 6 performance in products supplied. CMD cannot accept any responsibility or liability for providing HDMI performance in products supplied over 5m in length.

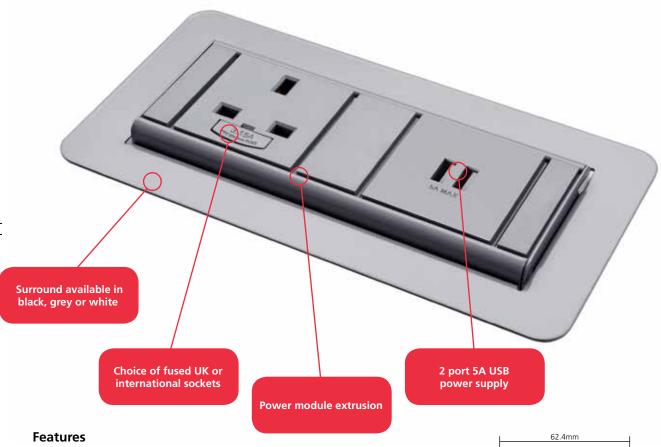
Fuses: Only accessible after removal of equipment plug. Lead lengths shown will be the conductor length and not the distance from the end of the module to the plug. For example, a 3m prewired power lead will be approximately 2.875m as 125mm will be internal for the termination. This is also applicable for data leads. Data fascias may be subject to colour change.



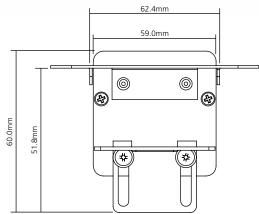
Surface is a new module designed to fit the horizontal surface of any furniture. It features a seamless surround that is available in black, grey or white but can also be finished in stainless steel (Please call for details). The socket faces have been specifically designed to stand proud of the furniture surface to protect the module from spillages making this an ideal solution for offices and commercial spaces. Available in four sizes as standard offering a range of power, data and AV sockets.

Surface

Power Module



- Seamless low profile surround available in black, grey and white painted finish
- Available in four sizes; 193.7mm x 100mm (cut out size 163mm x 69mm), 293.7mm x 100mm (cut out size 263mm x 69mm), 393.7mm x 100mm (cut out size 363mm x 69mm). 193.7mm x 100mm (cut out size 463mm x 69mm). A scaled cut out template is available on request
- Raised power sockets to protect the module from spillages
- Fitting from above and locked into position using under desk fixings
- All UK sockets feature integral fuses. Choice of 3.15A or 5A fuses are available to comply with BS 6396
- Unit complies with BS 5733
- All standard options are supplied with a 1m mains lead to 3 pole connector
- Designed to fit vertical surfaces between 18mm and 37mm



Note: Separate data cables must be purchased with our new rear access data sockets. Other cable lengths are available on request.

Code	Description
161713	3m Cat 6 data cable. Male to male connector
161239	2m USB data cable. Male to male connector
161718	2m HDMI data cable. Male to male connector









UK Code	Schuko	Colour	Description	UK Code	Schuko	Colour	Description
77097048	Please call	Black	1 x Power, 1 x Twin port 2Amp USB Charger, 1m mains lead to 3 pole connector	77097065	Please call	Black	2 x Power, 1 x Twin port 2Amp USB Charger, 1 x RJ45 data Cat 6, 1x HDMI, 1m mains lead to 3 pole connector
77097050	Please call	Grey	1 x Power, 1 x Twin port 2Amp USB Charger, 1m mains lead to 3 pole connector	77097067	Please call	Grey	2 x Power, 1 x Twin port 2Amp USB Charger, 1 x RJ45 data Cat 6, 1x HDMI, 1m mains lead to 3 pole connector
77097049	Please call	White	1 x Power, 1 x Twin port 2Amp USB Charger, 1m mains lead to 3 pole connector	77097066	Please call	White	2 x Power, 1 x Twin port 2Amp USB Charger, 1 x RJ45 data Cat 6, 1x HDMI, 1m mains lead to 3 pole connector
77050001	Please call	Black	1 x Power, 1 x Twin port 5Amp USB Charger, 1m mains lead to 3 pole connector	77050004	Please call	Black	2 x Power, 1 x Twin port 5Amp USB Charger, 1 x RJ45 data Cat 6, 1x HDMI, 1m mains lead to 3 pole
77050002	Please call	Grey	1 x Power, 1 x Twin port 5Amp USB Charger, 1m mains lead to 3 pole connector	77050005	Please call	Grey	2 x Power, 1 x Twin port 5Amp USB Charger, 1 x RJ45 data Cat 6, 1x HDMI, 1m mains lead to 3 pole
77050003	Please call	White	1 x Power, 1 x Twin port 5Amp USB Charger, 1m mains lead to 3 pole connector	77050006	Please call	White	2 x Power, 1 x Twin port 5Amp USB Charger, 1 x RJ45 data Cat 6, 1x HDMI, 1m mains lead to 3 pole
UK Code	Schuko	Colour	Description	UK Code	Schuko	Colour	Description
77097068	Please call	Black	2 x Power, 1 x Twin port 2Amp USB Charger, 2 x RJ45 data Cat 6, 1x HDMI, 1 x MJ, 1 x VGA, 1m mains lead to 3 pole connector	77097071	Please call	Black	4 x Power, 1 x Twin port 2Amp USB Charger, 2 x RJ45 data Cat 6, 1x HDMI, 1 x MJ, 1 x VGA, 1 x USB, 1m mains lead to 3 pole connector
77097070	Please call	Grey	2 x Power, 1 x Twin port 2Amp USB Charger, 2 x RJ45 data Cat 6, 1x HDMI, 1 x MJ, 1 x VGA, 1m mains lead to 3 pole connector	77097073	Please call	Grey	4 x Power, 1 x Twin port 2Amp USB Charger, 2 x RJ45 data Cat 6, 1x HDMI, 1 x MJ, 1 x VGA, 1 x USB, 1m mains lead to 3 pole connector
77097069	Please call	White	2 x Power, 1 x Twin port 2Amp USB Charger, 2 x RJ45 data Cat 6, 1x HDMI, 1 x MJ, 1 x VGA, 1m mains lead to 3 pole connector	77097072	Please call	White	4 x Power, 1 x Twin port 2Amp USB Charger, 2 x RJ45 data Cat 6, 1x HDMI, 1 x MJ, 1 x VGA, 1 x USB, 1m mains lead to 3 pole connector
77050007	Please call	Black	2 x Power, 1 x Twin port 5Amp USB Charger, 2 x RJ45 data Cat 6, 1x HDMI, 1 x MJ, 1 x VGA, 1m mains lead to 3 pole connector	77050010	Please call	Black	4 x Power, 1 x Twin port 5Amp USB Charger, 2 x RJ45 data Cat 6, 1x HDMI, 1 x MJ, 1 x VGA, 1 x USB, 1m mains lead to 3 pole connector
77050008	Please call	Grey	2 x Power, 1 x Twin port 5Amp USB Charger, 2 x RJ45 data Cat 6, 1x HDMI, 1 x MJ, 1 x VGA, 1m mains lead to 3 pole connector	77050011	Please call	Grey	4 x Power, 1 x Twin port 5Amp USB Charger, 2 x RJ45 data Cat 6, 1x HDMI, 1 x MJ, 1 x VGA, 1 x USB, 1m mains lead to 3 pole connector
77050009	Please call	White	2 x Power, 1 x Twin port 5Amp USB Charger, 2 x RJ45 data Cat 6, 1x HDMI, 1 x MJ, 1 x VGA, 1m mains lead to 3 pole connector	77050012	Please call	White	4 x Power, 1 x Twin port 5Amp USB Charger, 2 x RJ45 data Cat 6, 1x HDMI, 1 x MJ, 1 x VGA, 1 x USB, 1m mains lead to 3 pole

Cables: White and grey modules are supplied with white cables and black modules are supplied with black cables.

Fuses: Only accessible after removal of equipment plug. Lead lengths shown will be the conductor length and not the distance from the end of the module to the plug. For example, a 3m prewired power lead will be approximately 2.875m as 125mm will be internal for the termination, this is also applicable for data leads. Data fascias may be subject to colour change.

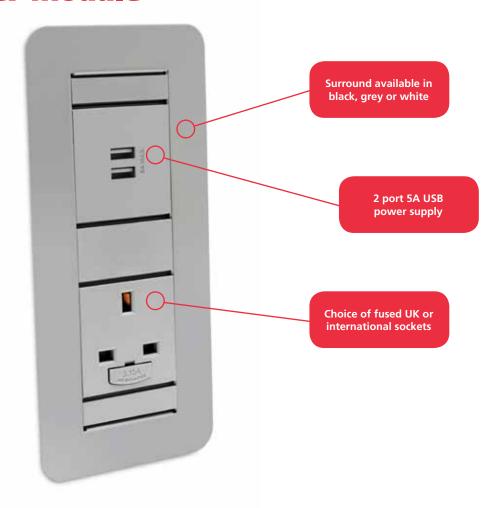
Furniture Power and Data



Face is a new module designed to fit the vertical surface of any furniture. It features a seamless surround that is available in black, grey or white but can also be finished in stainless steel (Please call for details). The socket faces have been specifically designed to fit flush to the furniture surface to respect the overall appearance and design of the furniture and to help prevent snagging. Available portrait (type 1) and landscape (type 2) and offering power and USB charging.

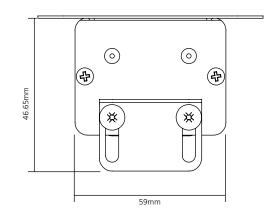
Face

Power Module



Features

- Seamless low profile surround available in black, grey and white painted finish
- Available in one size; 192.5mm x 88mm (cut out size 163mm x 69mm). A scaled cut out template is available on request
- Available as a portrait or landscape module
- Flush power sockets to avoid snagging
- Fitted from front and locked into position using under desk fixings
- All UK sockets feature integral fuses. Choice of 3.15A or 5A fuses are available to comply with BS 6396
- Unit complies with BS 5733
- All standard options are supplied with a 1m mains lead to 3 pole connector
- Designed to fit vertical surfaces between 18mm and 37mm





Furniture Power and Data







UK Code	Schuko	Colour	Description	UK Code	Schuko	Colour	Description
77500001	Please call	Black	Portrait. 1 x Power, 1 x Twin port 2Amp USB Charger, 1m mains lead to 3 pole connector	77500004	Please call	Black	Landscape. 1 x Power, 1 x Twin port 2Amp USB Charger, 1m mains lead to 3 pole connector
77500002	Please call	Grey	Portrait. 1 x Power, 1 x Twin port 2Amp USB Charger, 1m mains lead to 3 pole connector	77500005	Please call	Grey	Landscape. 1 x Power, 1 x Twin port 2Amp USB Charger, 1m mains lead to 3 pole connector
77500003	Please call	White	Portrait. 1 x Power, 1 x Twin port 2Amp USB Charger, 1m mains lead to 3 pole connector	77500006	Please call	White	Landscape. 1 x Power, 1 x Twin port 2Amp USB Charger, 1m mains lead to 3 pole connector
77550001	Please call	Black	Portrait. 1 x Power, 1 x Twin port 5Amp USB Charger, 1m mains lead to 3 pole connector	77550004	Please call	Black	Landscape. 1 x Power, 1 x Twin port 5Amp USB Charger, 1m mains lead to 3 pole connector
77550002	Please call	Grey	Portrait. 1 x Power, 1 x Twin port 5Amp USB Charger, 1m mains lead to 3 pole connector	77550005	Please call	Grey	Landscape. 1 x Power, 1 x Twin port 5Amp USB Charger, 1m mains lead to 3 pole connector
77550003	Please call	White	Portrait. 1 x Power, 1 x Twin port 5Amp USB Charger, 1m mains lead to 3 pole connector	77550006	Please call	White	Landscape. 1 x Power, 1 x Twin port 5Amp USB Charger, 1m mains lead to 3 pole connector

Face is available in two orientations; Portrait and Landscape. Whilst the specification of both modules is the same the orientation of the sockets and graphics is different so please ensure you specify which type you need.





Cables: White and grey modules are supplied with white cables and black modules are supplied with black cables.

Fuses: Only accessible after removal of equipment plug. Lead lengths shown will be the conductor length and not the distance from the end of the module to the plug. For example, a 3m prewired power lead will be approximately 2.875m as 125mm will be internal for the termination, this is also applicable for data leads. Data fascias may be subject to colour change.



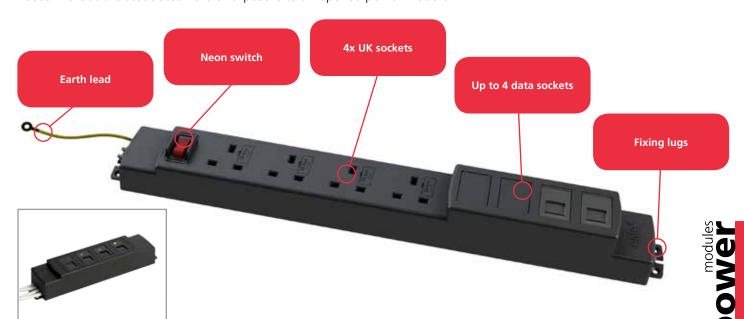
UK Code	Schuko Code	Description
92K005GST	n/a	2x power sockets individually fused 3.15A with male 3 Pole Connector input and female 3 Pole Connector output. EW
92K011GST	n/a	2x power sockets individually fused 5A with male 3 Pole Connector input and female 3 Pole Connector output. EW
92K006GST	n/a	2x power sockets with neon switches individually fused 3.15A with male 3 Pole Connector input and female 3 Pole Connector output. EW
92K012GST	n/a	2x power sockets with neon switches individually fused 5A with male 3 Pole Connector input and female 3 Pole Connector output. EW
92K007GST	92KS001GST	3x power sockets individually fused 3.15A with male 3 Pole Connector input and female 3 Pole Connector output. ENW. *Schuko sockets shuttered and un-fused
92K013GST	n/a	3x power sockets individually fused 5A with male 3 Pole Connector input and female 3 Pole Connector output. ENW
92K002GST	92KS002GST	4x power sockets individually fused 3.15A with male 3 Pole Connector input and female 3 Pole Connector output. ENNW *Schuko sockets shuttered and un-fused
92K008GST	n/a	4x power sockets individually fused 5A with male 3 Pole Connector input and female 3 Pole Connector output. ENNW
92K004GST	n/a	4x power sockets individually fused 3.15A with male 3 Pole Connector input and female 3 Pole Connector output. NNNN
92K010GST	n/a	4x power sockets individually fused 5A with male 3 Pole Connector input and female 3 Pole Connector output. NNNN
92K003GST	n/a	4x power sockets one neon switch, individually fused 3.15A with male 3 Pole Connector input and female 3 Pole Connector output. NNNN
92K009GST	n/a	4x power sockets one neon switch, individually fused 5A with male 3 Pole Connector input and female 3 Pole Connector output. NNNN
92K001GST	n/a	6x power sockets one neon switch, individually fused 3.15A with male 3 Pole Connector input. *No output. NNNNNW

Note: Fuses only accessible after removal of equipment plug. *Complies with BS6396. All products have 300mm earth lead to M5 ring. Socket Orientation: N is North, E is East and W is West.



Under Desk Data and Protection

These combined power and data modules have been designed to enable customers to configure their own data needs without the associated risks of exposure to an opened power module.



Code	Description
92KD01GST	2x Power sockets one neon switch and 2x Data Compartment (Empty)
92KD02GST	2x Power sockets one neon switch and 2x RJ45 Cat6 data sockets with 3m data leads
92KD03GST	2x Power sockets one neon switch and 2x RJ45 Cat6 data sockets with 5m data leads
92KD04GST	2x Power sockets one neon switch and 2x RJ45 Cat6 data sockets with 7m data leads
92KD05GST	4x Power sockets one neon switch and 4x Data Compartment (Empty)
92KD06GST	4x Power sockets one neon switch and 2x RJ45 Cat6 data sockets with 3m data leads 2x Data Compartment
92KD07GST	4x Power sockets one neon switch and 2x RJ45 Cat6 data sockets with 5m data leads 2x Data Compartment
92KD08GST	4x Power sockets one neon switch and 2x RJ45 Cat6 data sockets with 7m data leads 2x Data Compartment
92K014	Separate Data Module x 4 compartment (Empty)
92K018	2x RJ45 CAT6 data sockets with 3m data leads
92K020	4x RJ45 CAT6 data sockets with 3m data leads

Our New Elite RCD unit has 3 pole connections to allow it to be inserted into an existing desk power installation to provide RCD protection in compliance with the latest BS6396 installation standard for Electrical Installations in Office Furniture. A separate connector lead is required to connect the RCD unit to other modules.





Code	Description
92KR001GST	16A 30mA RCD Protection Module

Starter Cable 13A UK Plug to Female 3 Pole Connector

Code Black	Code White	Length
601120GST	601220GST	2m
601130GST	601230GST	3m
601150GST	601250GST	5m

Note: Certain configurations can accommodate Cat6a Data sockets (contact us for further information). CAT6 is backwards compatible. CMD cannot accept any responsibility or liability for providing CAT6 performance in products supplied. We will however fit CAT6 specification components where specified.

sales line: +44 (0)1709 829511

Under Desk Power and Data



Conti is a completely configurable desk power system, designed specifically to meet the increasing power and communication needs of the modern office. Modules have been designed with speed of installation and flexibility in mind. Its many unique design features enable a vast choice of power and data options to fulfil most specifications. A choice of either metal or plastic extrusion is available.

Conti Power Module

In-feeds

- Tap Offs
- Hard Wired to mains cable (3 and 4 pole) in 1.5mm², 2.5mm² and 4.0mm²
- SY cable 1.5mm² and 2.5mm²
- 16mm and 20mm Flexible conduit (i.e. tap off)
- Connector block 16A and 32A (for self wiring)
- 3 Pole Connector Panel mount (3 and 4 pole)
- Neutrik Panel mount (20A and 32A)
- GST connectors





Protection

- Std mains fuse (10A and 13A)
- MCB (various std ratings) Grey, White and Black shrouds available
- RCD/RCBO (various std ratings)
- Surge Filter
- Mains conditioning filter
- RFI filter





Out-feeds

• 3 and 4 Pole Connector

Data

- RJ11
- RJ45 (Cat6 and Cat6a)
- LJ6C (telecom)

Construction

- Plastic (89 Series)
- Metal (86 Series)

Other

- USB
- 3.5mm Audio
- Phono Socket
- SVGA
- S Video
- HDMI
- Co Axial
- 9 Pin 'D Type'
- F Type Connector
- BT Tel
- RJ11 Tel Shuttered
- RJ45 Cat6 and Cat6a
- Ethernet BNC
- Footprint

Build it your way

Please see page 31 for more information.

Manage your energy

Configure to allow energy to be monitored and controlled with Footprint. See page 73 for more details.

- T-earth 90° fused (3.15A and 5A)
 - Round-earth 90° • Round earth fused 45° and 90°

T-earth 90°

• 3.15A and 5A

Std UK 45° and 90°

Std UK fused 45° and 90° (3.15A

- French / Belgian
- Swiss

Sockets

and 5A)

- American
- Danish
- Indian 6A
- IEC C13 and C19
- German

Switching

Conduit

Metal

- Neon indicator
- Single pole (with or without neon)
- Double pole (with or without neon)









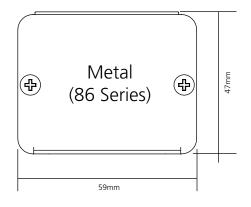


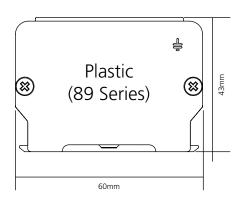
Under Desk Power and Data











Standard Earth

UK Code	Schuko Code	Description
86KS01	n/a	Standard 5m 32A Unfused Tap Off BSX3325H, 13A Fuse, 4 x UK sockets, end cap
86KS03	n/a	Standard 5m 32A Unfused Tap Off BSX3325H, 13A Fuse, switch, 4 x UK sockets, end cap
86KS02	n/a	Standard 5m 32A Unfused Tap Off BSX3325H, 13A Fuse, 6 x UK sockets, end cap
86KS04	n/a	Standard 5m 32A Unfused Tap Off BSX3325H, 13A Fuse, switch, 6 x UK sockets, end cap
86KS05	n/a	Standard 5m 32A Unfused Tap Off BSX3325H, 16A 30m RCBO, 4 x UK sockets, end cap
86KS06	n/a	Standard 5m 32A Unfused Tap Off BSX3325H, 16A 30m RCBO, 6 x UK sockets, end cap

Clean Earth

UK Code	Schuko Code	Description
86KC01	n/a	Clean Earth 5m 32A Unfused Tap Off BCX4325H, 13A Fuse, 4 x UK sockets, end cap
86KC03	n/a	Clean Earth 5m 32A Unfused Tap Off BCX4325H, 13A Fuse, switch, 4 x UK sockets, end cap
86KC02	n/a	Clean Earth 5m 32A Unfused Tap Off BCX4325H, 13A Fuse, 6 x UK sockets, end cap
86KC04	n/a	Clean Earth 5m 32A Unfused Tap Off BCX4325H, 13A Fuse, switch, 6 x UK sockets, end cap
86KC05	n/a	Clean Earth 5m 32A Unfused Tap Off BCX4325H, 16A 30m RCBO, 4 x UK sockets, end cap
86KC06	n/a	Clean Earth 5m 32A Unfused Tap Off BCX4325H, 16A 30m RCBO, 6 x UK sockets, end cap

See page 86 for information on CMD tap offs.

Note: We only supply mains fuse holders in black and white. If you require your Conti unit to be colour matched in grey our MCB is available in grey and white and is a good alternative to our fuse holder – please ask for details.

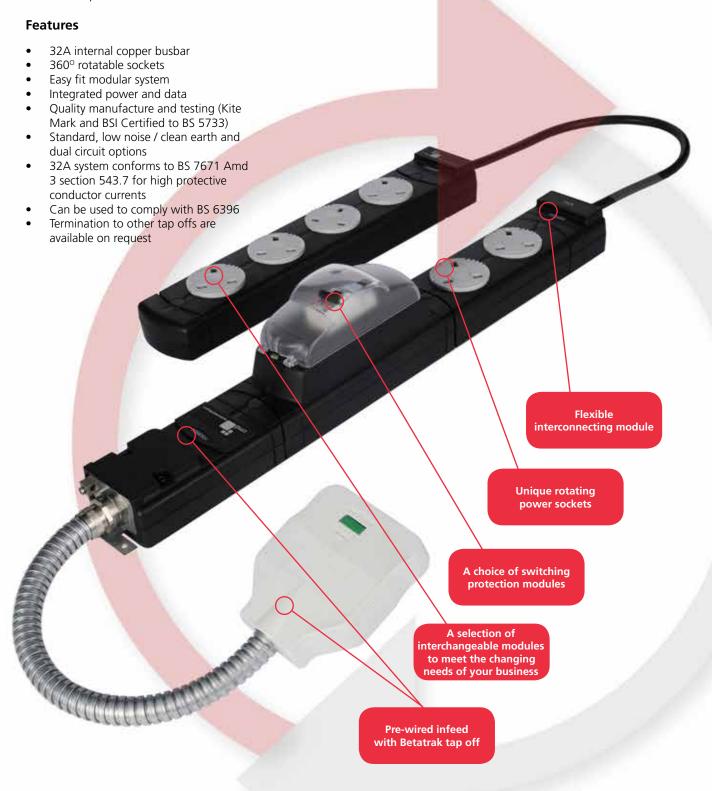
Data Cables: CMD cannot accept any responsibility or liability for providing HDMI performance in products supplied over 5m in length.

sales line: +44 (0)1709 829511



rotasoc®

Rotasoc® is widely considered to be the industry standard for customisable under desk power as it includes a comprehensive selection of multi-socket power and data modules with 360° rotatable socket outlets, available in 32 and 16 Amp versions.





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To connect the Rotasoc modules

Connection to be made by a competent person only.

- Check that both male and female ends have the same colour coded busbar shields
- Turn modules over and lift the grey cam-lock lever with a small screwdriver into the upright position
- 3. Locate the male and female ends and push together until fully closed
- 4. Press the grey cam-lock lever over until flush with the casing to lock the modules together



Clean Earth and fused options available



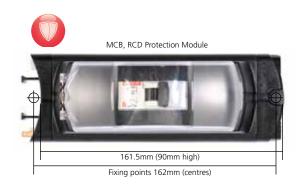


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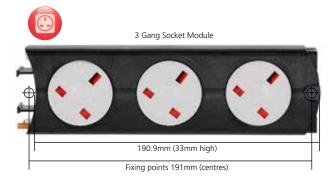


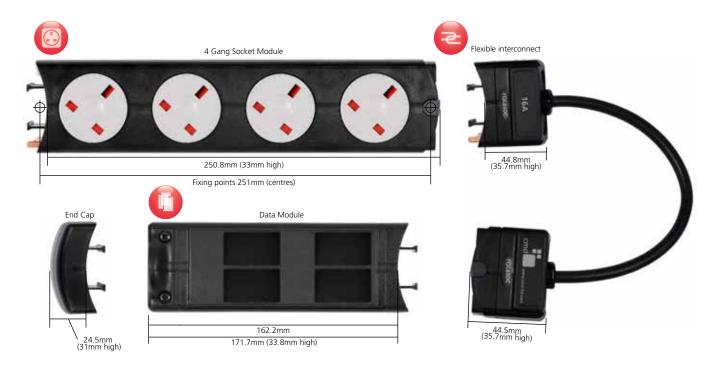
















Build your own Rotasoc® system in 5 easy steps...



Step 1 Infeed
Note: Some 16A infeed may include protection/switching



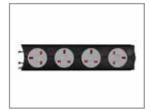


Step 2 Protection/Switching A variety of protection/switching modules are available





Step 3 Sockets 32A and 16A modules are available with 2, 3 or 4 sockets



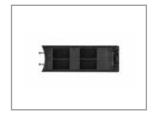


Step 4 Flexible Interconnect
Flexible interconnect modules are available in different lengths





Step 5 Data Choose data or complete your system with an end cap



Coloured Busbar Shield System

When connecting modules together, ensure that the coloured busbar shields are colour matched and correctly aligned. Do not connect modules if shields are of different colours.





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Code	32 Amp Infeed 2P+E
RAB301	32A 2P+E Rewirable Infeed Module Standard
RAB111	32A Infeed Module c/w 3m 32A Unfused Metal Conduit Tap Off Betatrak PBSX3323H Standard
RAB112	32A Infeed Module c/w 5m 32A Unfused Metal Conduit Tap Off Betatrak PBSX3325H Standard
RAB113	32A Infeed Module c/w 3m 13A Fused Metal Conduit Tap Off Betatrak PBSX3133H Standard
RAB114	32A Infeed Module c/w 5m 13A Fused Metal Conduit Tap Off Betatrak PBSX3135H Standard
RABX2165	32A Infeed 32A Neutrik Standard



Code	16 Amp Infeed 2P+E
RAB201	16A Rewirable Infeed Module Non-Switched/Non-Fused Standard
RAB202	16A Rewirable Infeed Module Neon Indicator Standard
RAB203	16A Rewirable Infeed Module Neon Switch/Non-Fused Standard
RAB003	16A Infeed Module Non-Switched/Non-Fused c/w 3m lead and 13A BS 1363 Plug Standard
RAB005	16A Infeed Module Non-Switched/Non-Fused c/w 5m lead and 13A BS 1363 Plug Standard
RAB007	16A Infeed Module Neon Indicator c/w 3m lead and 13A BS1363 Plug Standard
RAB009	16A Infeed Module Neon Indicator c/w 5m lead and 13A BS1363 Plug Standard
RAB011	16A Infeed Module Neon Switch/Non-Fused c/w 3m lead and 13A BS 1363 Plug Standard
RAB013	16A Infeed Module Neon Switch/Non-Fused c/w 5m lead and 13A BS 1363 Plug Standard















Code	Switching/Protection Modules	Code	Socket Modules
RAB401	BS 1362 Fuse Protection Module Standard	RAB502	2 Gang Non-fused Socket Module Black Body Grey Sockets Standard
RAB402	BS 1362 Fuse and Switch Neon Protection Module Standard	RAB503	3 Gang Non-fused Socket Module Black Body Grey Sockets Standard
RAB403	BS 1362 Fuse and Neon Protection Module Standard	RAB504	4 Gang Non-fused Socket Module Black Body Grey Sockets Standard
RAB405	32A 30mA RCD Module Standard	RAB532	2 Gang 3.15A Individually Fused Socket Module Black Body Grey Sockets Standard
RAB420	16A MCB Type "C" Protection Module Standard	RAB533	3 Gang 3.15A Individually Fused Socket Module Black Body Grey Sockets Standard
RAB440	32A MCB Type "C" Protection Module Standard	RAB534	4 Gang 3.15A Individually Fused Socket Module Black Body Grey Sockets Standard
RAB450	16A 30mA Residual Current Operated Circuit Breaker Type "C" Protection Module Standard	RAB552	2 Gang 5A Individually Fused Socket Module Black Body Grey Sockets Standard
RAB460	20A 30mA Residual Current Operated Circuit Breaker Type "C" Protection Module Standard	RAB553	3 Gang 5A Individually Fused Socket Module Black Body Grey Sockets Standard
RAB470	32A 30mA Residual Current Operated Circuit Breaker Type "C" Protection Module Standard	RAB554	4 Gang 5A Individually Fused Socket Module Black Body Grey Sockets Standard







Code	Interconnects	Code	Interconnects
RAB703	0.3m 32A Male to Female Interconnecting Nylon Conduit Standard	RAB603	0.3m 16A Male to Female Interconnecting Cable Standard
RAB705	0.5m 32A Male to Female Interconnecting Nylon Conduit Standard	RAB605	0.5m 16A Male to Female Interconnecting Cable Standard
RAB710	1m 32A Male to Female Interconnecting Nylon Conduit Standard	RAB610	1m 16A Male to Female Interconnecting Cable Standard
RAB720	2m 32A Male to Female Interconnecting Nylon Conduit Standard	RAB620	2m 16A Male to Female Interconnecting Cable Standard
RAB730	3m 32A Male to Female Interconnecting Nylon Conduit Standard	RAB630	3m 16A Male to Female Interconnecting Cable Standard
RAB740	4m 32A Male to Female Interconnecting Nylon Conduit Standard	RAB640	4m 16A Male to Female Interconnecting Cable Standard
RAB750	5m 32A Male to Female Interconnecting Nylon Conduit Standard	RAB650	5m 16A Male to Female Interconnecting Cable Standard
		RAB670GST	0.5m 16A Rotasoc Male to GST Female output Other lead lengths available on request

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Code	32 Amp Infeed 2P+CE+E
RAC301	32A 2P+CE+E Rewirable Infeed Module Clean
RAC111	32A Infeed Module c/w 3m 32A Unfused Metal Conduit Tap Off Betatrak PBCX4323H Clean
RAC112	32A Infeed Module c/w 5m 32A Unfused Metal Conduit Tap Off Betatrak PBCX4325H Clean
RACX2134	32A Infeed 32A Neutrik Clean



Code	16 Amp Infeed 2P+CE
RAC201	16A Rewirable Infeed Module Non-Switched/Non-Fused Clean
RAC203	16A Rewirable Infeed Module Neon Switch/Non-Fused Clean
RAC003	16A Infeed Module Non-Switched/Non-Fused c/w 3m lead and 13A BS 1363 Plug Clean
RAC005	16A Infeed Module Non-Switched/Non-Fused c/w 5m lead and 13A BS 1363 Plug Clean
RAC007	16A Infeed Module Neon Indicator c/w 3m lead and 13A BS1363 Plug Clean









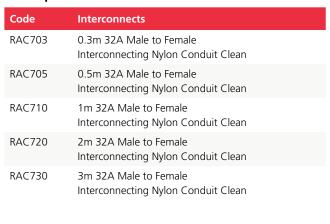




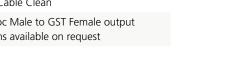


Code	Switching/Protection Modules	Code	Socket Modules
RAC401	BS 1362 Fuse Protection Module Clean	RAC502	2 Gang Non-fused Socket Module Black Body Red Sockets Clean
RAC402	BS 1362 Fuse and Switch Neon Protection Module Clean	RAC503	3 Gang Non-fused Socket Module Black Body Red Sockets Clean
RAC403	BS 1362 Fuse and Neon Protection Module Clean	RAC504	4 Gang Non-fused Socket Module Black Body Red Sockets Clean
RAC405	32A 30mA RCD Module Clean	RAC532	2 Gang 3.15A Individually Fused Socket Module Black Body Red Sockets Clean
RAC420	16A MCB Type "C" Protection Module Clean	RAC533	3 Gang 3.15A Individually Fused Socket Module Black Body Red Sockets Clean
RAC440	32A MCB Type "C" Protection Module Clean	RAC534	4 Gang 3.15A Individually Fused Socket Module Black Body Red Sockets Clean
RAC450	16A 30mA Residual Current Operated Circuit Breaker Type "C" Protection Module Clean	RAC552	2 Gang 5A Individually Fused Socket Module Black Body Red Sockets Clean
RAC460	20A 30mA Residual Current Operated Circuit Breaker Type "C" Protection Module Clean	RAC553	3 Gang 5A Individually Fused Socket Module Black Body Red Sockets Clean
RAC470	32A 30mA Residual Current Operated Circuit Breaker Type "C" Protection Module Clean	RAC554	4 Gang 5A Individually Fused Socket Module Black Body Red Sockets Clean

32 Amp



16 Amp	
Code	Interconnects
RAC603	0.3m 16A Male to Female Interconnecting Cable Clean
RAC605	0.5m 16A Male to Female Interconnecting Cable Clean
RAC610	1m 16A Male to Female Interconnecting Cable Clean
RAC620	2m 16A Male to Female Interconnecting Cable Clean
RAC630	3m 16A Male to Female Interconnecting Cable Clean
RAC640	4m 16A Male to Female Interconnecting Cable Clean
RAC650	5m 16A Male to Female Interconnecting Cable Clean
RAC670GST	0.5m 16A Rotasoc Male to GST Female output Other lead lengths available on request





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Code	32A Infeeds 4P+E+CE
RAD301	32A 4P+E+CE Rewirable Infeed Module Dual
RAD111	32A Infeed Module c/w 3m 28A Unfused Metal Conduit Tap Off Betatrak PBDX7283H Dual
RAD112	32A Infeed Module c/w 5m 28A Unfused Metal Conduit Tap Off Betatrak PBDX7285H Dual

Code	16A Infeeds 4P+E+CE
RAD201	16A Rewirable Infeed Module Non-Switched/Non-Fused Dual
RAD202	16A Rewirable Infeed Module 2 x Neon Indicator Dual
RAD203	16A Rewirable Infeed Module 2 x Neon Switch/Non-Fused Dual
RAD003	16A Rewirable Infeed Module Non-Switched/Non-Fused c/w 2 x 3m lead and 13A BS 1363 Plug Dual
RAD005	16A Infeed Module Non-Switched/Non-Fused c/w 2 x 5m lead and 13A BS 1363 Plug Dual
RAD007	16A Infeed Module 2 x Neon Indicator c/w 2 x 3m lead and 13A BS 1363 Plug Dual
RAD009	16A Infeed Module 2 x Neon Indicator c/w 2 x 5m lead and 13A BS 1363 Plug Dual
RAD011	16A Infeed Module 2 x Neon Switch/Non-Fused c/w 2 x 3m lead and 13A BS 1363 Plug Dual
RAD013	16A Infeed Module 2 x Neon Switch/Non-Fused c/w 2 x 5m lead and 13A BS 1363 Plug Dual



Code	Switching/Protection Modules
RAD401	2 x BS 1362 Fuse Protection Module Dual
RAD420	2 x 16A MCB Type "C" Protection Module Dual
RAD440	2 x 32A MCB Type "C" Protection Module Dual



Code	Socket Modules
RAD502	2 Gang Non-fused Socket Module - Black Body Grey Sockets Standard/Clean Bypass Dual
RAD503	3 Gang Non-fused Socket Module - Black Body Grey Sockets Standard/Clean Bypass Dual
RAD504	4 Gang Non-fused Socket Module - Black Body Grey Sockets Standard/Clean Bypass Dual
RAD512	2 Gang Non-fused Socket Module - Black Body Red Sockets Clean/Standard Bypass Dual
RAD513	3 Gang Non-fused Socket Module - Black Body Red Sockets Clean/Standard Bypass Dual
RAD514	4 Gang Non-fused Socket Module - Black Body Red Sockets Clean/Standard Bypass Dual









Code	Socket Modules (cont)
RAD532	2 Gang 3.15A Individually Fused Socket Module - Black Body Grey Sockets Standard/Clean Bypass Dual
RAD533	3 Gang 3.15A Individually Fused Socket Module - Black Body Grey Sockets Standard/Clean Bypass Dual
RAD534	4 Gang 3.15A Individually Fused Socket Module - Black Body Grey Sockets Standard/Clean Bypass Dual
RAD542	2 Gang 3.15A Individually Fused Socket Module - Black Body Red Sockets Clean/Standard Bypass Dual
RAD543	3 Gang 3.15A Individually Fused Socket Module - Black Body Red Sockets Clean/Standard Bypass Dual
RAD544	4 Gang 3.15A Individually Fused Socket Module - Black Body Red Sockets Clean/Standard Bypass Dual
RAD552	2 Gang 5A Individually Fused Socket Module - Black Body Grey Sockets Standard/Clean Bypass Dual
RAD553	3 Gang 5A Individually Fused Socket Module - Black Body Grey Sockets Standard/Clean Bypass Dual
RAD554	4 Gang 5A Individually Fused Socket Module - Black Body Grey Sockets Standard/Clean Bypass Dual
RAD562	2 Gang 5A Individually Fused Socket Module - Black Body Red Sockets Clean/Standard Bypass Dual
RAD563	3 Gang 5A Individually Fused Socket Module - Black Body Red Sockets Clean/Standard Bypass Dual
RAD564	4 Gang 5A Individually Fused Socket Module - Black Body Red Sockets Clean/Standard Bypass Dual

32 Amp

16 Amp



Code	Interconnects	Code	Interconnects
RAD703	0.3m 32A Male to Female Interconnecting Nylon Conduit Dual	RAD603	0.3m 16A Male to Female Interconnecting Cable Dual
RAD705	0.5m 32A Male to Female Interconnecting Nylon Conduit Dual	RAD605	0.5m 16A Male to Female Interconnecting Cable Dual
RAD710	1m 32A Male to Female Interconnecting Nylon Conduit Dual	RAD610	1m 16A Male to Female Interconnecting Cable Dual
RAD720	2m 32A Male to Female Interconnecting Nylon Conduit Dual	RAD620	2m 16A Male to Female Interconnecting Cable Dual
RAD730	3m 32A Male to Female Interconnecting Nylon Conduit Dual	RAD630	3m 16A Male to Female Interconnecting Cable Dual
RAD740	4m 32A Male to Female Interconnecting Nylon Conduit Dual	RAD640	4m 16A Male to Female Interconnecting Cable Dual
RAD750	5m 32A Male to Female Interconnecting Nylon Conduit Dual	RAD650	5m 16A Male to Female Interconnecting Cable Dual

Data and Accessories



Code	Data Communication Modules - Socket Connection
RAF108	4 Way Communication Module 37/22mm cut outs c/w conduit entry end cap

Code	Data Communication Modules - Stand Alone
RAF214	4 Way Communication Module 37/22mm cut outs
RAF215	4 Way Communication Module 37/22mm cut outs c/w conduit entry end cap

Code	Accessories	
RAZ001	End Cap	
RAZ020	250mm x 4.0mm Earth Cable Kit c/w fixings for 32A Infeed	
RAZ010	250mm x 1.5mm Earth Cable Kit c/w fixings for 16A Infeed	

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On Desk Power



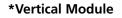
rotasoc[®]

Our horizontal and vertical on desk Rotasoc modules work in conjunction with our under desk Rotasoc system to create the perfect modular power and data solution.











Code	Pre-wired with 1m 16A interconnection lead - Standard Earth	Code	Pre-wired with 1m 16A interconnection lead - Standard Earth
RAK001	2 Gang 3.15A Individually Fused Socket Module Black Body Grey Sockets	RAL003	2 Gang 3.15A Individually Fused Socket Module Black Body Grey Sockets
RAK002	3 Gang 3.15A Individually Fused Socket Module Black Body Grey Sockets	RAL002	3 Gang 3.15A Individually Fused Socket Module Black Body Grey Sockets
RAK003	4 Gang 3.15A Individually Fused Socket Module Black Body Grey Sockets	RAL005	2 Gang Non-fused Socket Module Black Body Grey Sockets
RAK010	2 Gang Non-fused Socket Module Black Body Grey Sockets	RAL006	3 Gang Non-fused Socket Module Black Body Grey Sockets
RAK011	3 Gang Non-fused Socket Module Black Body Grey Sockets	Code	Pre-wired with 3m power lead and 13A plug - Standard Earth
RAK012	4 Gang Non-fused Socket Module Black Body Grey Sockets	RAL001	2 Gang 3.15A Individually Fused Socket Module Black Body Grey Sockets
Code	Pre-wired with 3m power lead and 13A plug - Standard Earth	RAL004	3 Gang 3.15A Individually Fused Socket Module Black Body Grey Sockets
RAK020	2 Gang 3.15A Individually Fused Socket Module Black Body Grey Sockets	Code	Pre-wired with 1m 16A interconnection lead - Clean Earth
RAK021	3 Gang 3.15A Individually Fused Socket Module Black Body Grey Sockets	RAL012	2 Gang 3.15A Individually Fused Socket Module Black Body Red Sockets
RAK022	4 Gang 3.15A Individually Fused Socket Module Black Body Grey Sockets	RAL011	3 Gang 3.15A Individually Fused Socket Module Black Body Red Sockets
RAK030	2 Gang Non-fused Socket Module Black Body Grey Sockets	RAL014	2 Gang Non-fused Socket Module Black Body Red Sockets
RAK031	3 Gang Non-fused Socket Module Black Body Grey Sockets	RAL015	3 Gang Non-fused Socket Module Black Body Red Sockets
RAK032	4 Gang Non-fused Socket Module Black Body Grey Sockets	Code	Pre-wired with 3m power lead and 13A plug - Clean Earth
		RAL010	2 Gang 3.15A Individually Fused Socket Module Black Body Red Sockets
		RAL013	3 Gang 3.15A Individually Fused Socket Module

^{*}Note: The vertical socket modules can be connected to the desk using a through desk M10 fixing bolt, which is not supplied.

Black Body Red Sockets



Power Accessories

Cables and Connectors

Connector system for use with power modules, giving quick and simple installation.

- 3 pole male and female pre-moulded connectors with 1.5mm² cable up to 7m
- Cable lengths over 7m are 2.5mm² cable due to voltage drop
- Available in black or white
- Connectors comply with BS 5733
- Separate system for dedicated power supplies can be supplied upon request

Starter Cable Plug to Female 3 Pole Connector

Length	UK Code Black	Schuko Code Black	UK Code White	Schuko Code White
1m	601110GST	600939GST	601210GST	600722GST
1.5m	601115GST	600502GST	601215GST	600723GST
2m	601120GST	600594GST	601220GST	601401GST
3m	601130GST	600037GST	601230GST	600538GST
4m	601140GST	600943GST	601240GST	600726GST
5m	601150GST	600871GST	601250GST	600727GST
6m	601160GST	600718GST	601260GST	600728GST
7m	601170GST	600983GST	601270GST	600729GST
8m	601179GST	600719GST	601280GST*	600730GST
9m	601180GST	600720GST	601290GST*	600731GST
10m	600965GST	600721GST	601299GST*	600732GST



*Note: Subject to availability and lead times.

Male 3 Pole Connector to Female 3 Pole Connector

Length	UK Code Black	UK Code White
0.3m	620203GST	620303GST*
0.5m	620205GST	620305GST
1m	620210GST	620310GST
1.5m	620215GST	620315GST*
2m	620220GST	620320GST
3m	620230GST	620330GST
4m	620240GST	620340GST*



*Note: Subject to availability and lead times.

GST/ST Connector Blocks

Code	Details
160834GST	Male ST to female GST
160618GST	Male GST to female ST

Earth Kit

Earth lead 1.5mm² with M5 ring terminals, supplied with washers & screws. Other options available on request.

Length	Code
200mm	640199
300mm	640200
500mm	640201







Power Accessories



16 Series Self-Fit Connectors (Pack of 10)

Suitable for terminating cables to produce mains or connector leads. We recommend that only the female is used for mains input lead applications. These connectors are rated at 16 Amps, we recommend that 1.5mm² cable diameter is used for assembly purposes. Sold in packs of 10.

Self fit connector	Code Black	Code White
Male	440633	440642
Female	440632	440641



16 Series Cable Locking Clip

Cable Locking Clips will vary depending on the cables used so please speak to a member of our sales team for more information.



16 Series Connector Blocks

- 1 Male inlet to 1 Female outlet to connect modules together without a cable
- 2 Connector blocks are required per connection
- Colour options, black or white

Code Black	Code White
161413GST	161414GST*



16 Series Mains Splitter

• 1 Male inlet to 3 Female outlets, with fixing lugs, black or white

Mains splitter	Code Black	Code White
Standard	161415GST	161416GST*
Extended in height**	161417GST	161418GST*



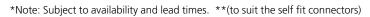
16 Series Blanking Plugs

Plug	Code Black	Code White
Male	161419GST*	161420GST*
Female	161421GST*	161422GST*



Fuses

Code	Description
440175	100 x 3.15A Fuses
440176	100 x 5A Fuses





energy (1986)













The footprint system helps identify ways of reducing power and saving money

Analysis

Footprint records energy usage and presents the information on the dashboard. You can view graphs, make comparisons, and create pdf or csv reports.

Costing

Enter your own rates and Footprint will calculate the running or energy costs for all the equipment being monitored.







Control

Different levels of control are available via the dashboard from full automation to manual overrides.

Modules

Modules are built with intelligent smart meter technology, with each module recording the energy usage of any devices plugged in.

Dashboard

The dashboard can be accessed via any standard internet browser, so no requirement for any additional software.









The smart meter

The smart meter is responsible for recording the energy usage of connected appliances.

The auxiliary sockets

The auxiliary sockets can be controlled via the dashboard and switched ON/ OFF either manually or automatically.

The master socket

The master socket remains ON at all times and it is recommended this socket is used for the PC.

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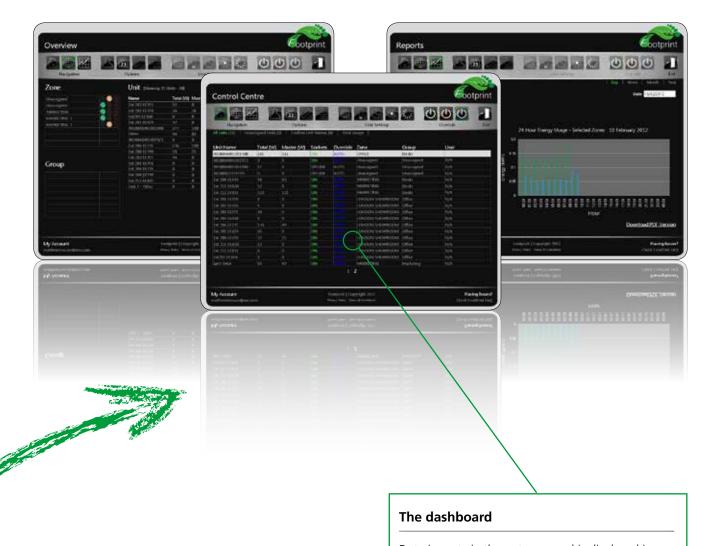
The gateway

The gateway is the link between the power modules and the dashboard. Transmitting data and sending instructions. Note: Gateway MAC addresses and PIN numbers, in relation to their location, need to be logged.









Data is sent via the gateway and is displayed in a user friendly format. The dashboard will allow users to schedule, set thresholds, and control all connected modules.



*Footprint is sold with a 12 month inclusive licence which includes access to, and exporting of, data together with technical support during office hours. A renewal licence fee will be applicable after the 12 month inclusive period expires. https://dashboard.cmdfootprint.co.uk.



Footprint is a system that gives the user total control. Connecting appliances to the Footprint power module will allow users to collate energy usage data, monitor activity levels and schedule power.



The master socket with built in smart meter technology

The master socket is an uncontrolled outlet. The additional data obtained from this socket can be used to control the auxiliary sockets depending upon the operational mode set. The in-built smart meter measures and transmits highly accurate consumption data which can then be reported on.



The gateway

The Gateway is the hub of the system. The gateway sends messages from devices, equipment or web browsers using SSL certificates to encrypt the information that is passed. The SSL certificate provides encryption between the web browser or device and the host server platform and implements 128 bit AES/ TLS encryption for all traffic. The gateways need to be positioned a minimum of 2m from a Wi-fi access point.



The power module

The power module allows users to connect appliances in order to make them smart as well as controllable. Using the recognised low power wireless technology of Zigbee®, the power module communicates to the Gateway allowing for energy monitoring and device control. Zigbee® has been designed for wireless mesh networking enabling hundreds of devices to transmit information to one another in real time. Due to its versatile nature, the mesh network also means that if one device stops transmitting, the system will continue to operate. The power modules are pre-configured to connect to the Gateway with minimal consumer set-up.



The dashboard

The control centre of operations, the Dashboard will allow different types of users to monitor activities and get involved. The Dashboard will collect energy usage and display it as usable data in the form of expenditure, CO², and KWh used. Not only a monitoring tool, the Dashboard allows you to control the entire system.



Audit

You now have the tools to show users their energy consumption on an individual, department or floor basis. This makes it easier for users to take responsibility and ownership of their own actions fuelling behavioural changes to take place.



Target

When taking accurate readings it is easier for companies to benchmark a starting point and then look to introduce appropriate targets to measure the progress being made.



If you want to improve it you first have to monitor it. By seeing exactly how much electricity is being consumed, it is easier to introduce changes to make savings.



Manage

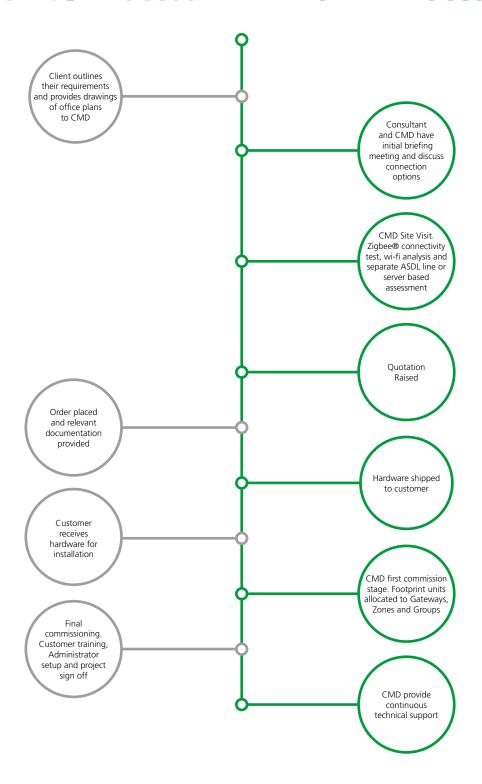
With informed and evidence based data being available you can improve your energy use.





External Process

CMD Process



Code	Description
86E304GST	1 x power strip (Standard 1 x Master, 3 x Auxiliary Sockets)
161180*	1 x gateway (POE/Power over Ethernet) *Cat5e cables are needed to route back to the server room

Social Responsibility



Reuse ✓ Recycle ✓ Reduce ✓

Our Corporate Responsibility is clear and defined:

We are committed to continually reducing our impact on the global environment and surrounding areas. We monitor our performance and the performance of our suppliers and customers.

Plastic

Plastics and other dry mixed recyclables are held in dedicated containers to be recycled by a registered waste management company.

Cardboard

High and low density cardboard is bailed ready to be collected and recycled into new cardboard/ packaging by a registered waste management company.

Metal

Metal waste is segregated by type and placed into labelled handling bins ready to be collected and recycled by a registered waste management company.







671kgs Aluminium swarf

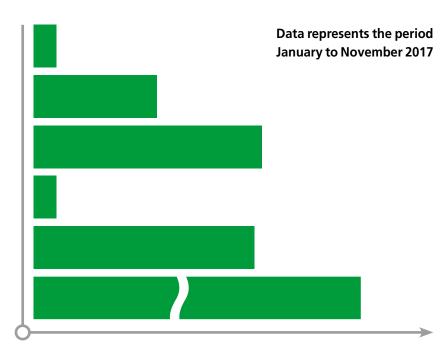
3401kgs Aluminium section

6795kgs Cable off cuts

683kgs Brass

5659kgs Copper

87157kgs Ferrous metals



distribution DOWER









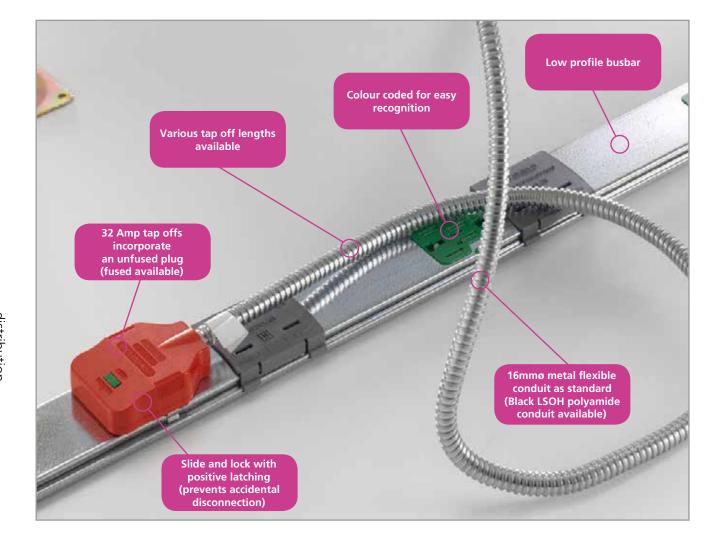


Betatrak® Underfloor Busbar

Busbars offer an efficient, flexible solution to underfloor power distribution as they use a click fit method for that fast and simple install. To reduce up front labour costs all busbars are tested at our manufacturing facilities meaning no onsite commissioning. Underfloor power solutions are also very low maintenance and exceptionally reliable making it the perfect solution in today's modern construction world.

The benefits of using an Underfloor Power Distribution System

- Choice: a comprehensive range of supply systems
- Flexibility: can be used in new or existing layouts
- Versatility: all kinds of configurations are possible including bends/corners
- Safety: colour coded tap offs for easy recognition. Sliding dust covers to protect outlets
- Height clearance: low profile busbar suitable for shallow floor voids
- Convenience: variety of Betatrak® lengths with different socket centres. 300mm standard (150mm and 600mm available on request)



Due to transport restrictions 3.6m length busbars have a minimum order requirement of 10 lengths. Orders of less than 10 units will be supplied as 2x 1.8m lengths per 3.6m length ordered.



The 63 Amp Betatrak® System caters for single phase standard, clean earth (CE) low noise, auxiliary, three phase or dual applications. Betatrak® comes in lengths of 1.2m, 1.8m, 2.4m or 3.6m with tap off positions provided at 300mm as standard (Note: 150mm and 600mm available on request). As a result, the system is extremely versatile and suitable for high to low density tap off requirements.

All integral connectors and tap off plug sockets are colour coded to avoid any possible errors during assembly. For maximum safety each operates a shutter on insertion to ensure no accidental contact can be made.

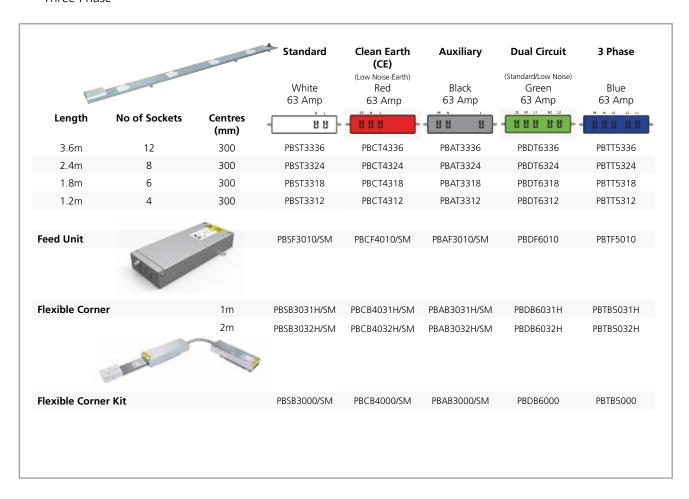
Installation

Betatrak® used within raised access floors is normally arranged in parallel runs with the feed units to the Betatrak® orientated towards the incoming supply. This offers an economic format inherent in long straight runs. Spacing should be a maximum of 5 metres between each length of track and 2.5 metres from the perimeter when using a standard 3 metre tap off to a floor box.

Attention should be given to the total power requirements to avoid exceeding the maximum power rating of the Busbar.

The following versions are available for both Busbar and Tap Offs:

- Standard Earth
- Clean Earth (CE) Low Noise Earth
- Auxiliary Earth
- Dual Circuit
- Three Phase



Due to transport restrictions 3.6m length busbars have a minimum order requirement of 10 lengths. Orders of less than 10 units will be supplied as 2x 1.8m lengths per 3.6m length ordered.

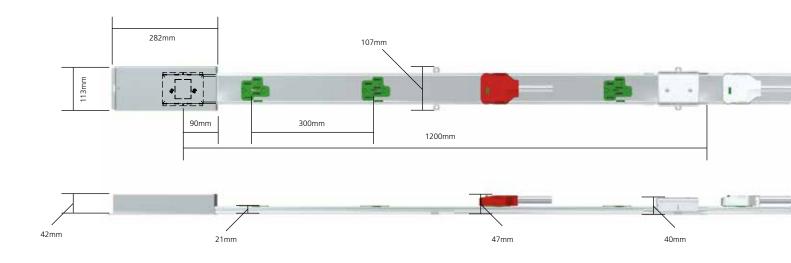


How to install the Busbar

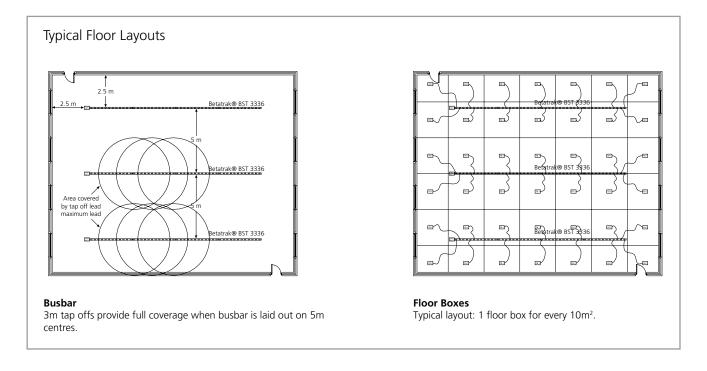
Starting with the feed unit, remove the dust cover over the colour coded socket and simply snap the integral coupler, pre-installed on the busbar, into the feed socket. The next length of track is then fitted to the socket end of the first length of busbar as previously described, this is then repeated for the following lengths until the run is complete. On the final length of busbar section the dust cover supplied is fitted on the final unused coupling point to protect against the ingress of foreign contaminants. The feed unit is then secured via the slots in the base and the busbar every 1200mm (max) by using the mounting brackets provided.

CMD is registered by BSI to BS EN ISO 9001 and BS EN ISO 14001. Betatrak® is designed to comply with regulation 434.2 of BS 7671: 2008 Amd 3 (IEE Wiring Regulations) and 543.7 earthing requirements for the installation of equipment having high protective conductor currents.

The scope of Reg. 543.7.1.3 requires that every final circuit is intended to supply one or more items of equipment, where the total protective conductor current is likely to exceed 10mA. in normal use, shall have a high protective connection.







Due to transport restrictions 3.6m length busbars have a minimum order requirement of 10 lengths. Orders of less than 10 units will be supplied as 2x 1.8m lengths per 3.6m length ordered.



Electrical Characteristics			
Rated Current		63	Amps
Rated Voltage		240/415	Volts
Frequency		50	Hz
Conditional Short Circuit Rating	(Protection devices IEC 60269/BS88 Fuse and IEC 60898 MCB)	16	KA
Max withstand current Short time withstand current		10 kA Peak 1200A for 0.4 Sec	
Volt Drops (Line and Neutral)	Busbars	3.2	mV/A/m
voit Diops (Line and Neutral)	Feed Unit	0.4	mV/A
	Track Coupler	0.4	mV/A/m
	Tap off Connection	0.5	mV/A
	+4mm² Cable		mV/A/m
		11.00	
	+2.5mm ²	18.00	mV/A/m
	Flexible Corner Unit	3.6	mV/A
	+10mm² Cable (1.2m)	4.7	mV/A/m
Earth Fault Loop Impedance	Line to Earth (Housing)	3.0	mΩ/m
	Line to Earth (Bar)	3.2	mΩ/m
	Line to Earth (Bar + Housing)	2.5	mΩ/m
	Feed Unit	0.8	mΩ
	Track Coupler	0.6	mΩ
	Tap off Connection	0.6	mΩ
	+4m² Cable	11.0	mΩ/m
	+2.5mm ² and 4mm ² Cable	14.5	mΩ/m
	Flexible Corner Unit	4.0	mΩ
	+10mm ² Cable	4.7	mΩ/m
Mechanical Data			
Number of Copper Conductors		2, 3, or 5	
Busbar Cross-section Area		14	mm²
Betatrak® Basing Copper Equivalent (Whe	re casing is protective Earth)	14	mm²
Cable Termination Capacity		16	mm²
Tap off Cable 32Amp (BS 7211)		4.0	mm^2
Tap off Cable 13Amp fused (BS 7211)		2.5	mm²
Tap off Conduit Sizes		Ø16 or Ø20	mm
Hexible Corner Unit Cable (BS 7211)		10	mm²
		10 Ø25	mm² mm
Flexible Interlink Conduit			
Flexible Interlink Conduit Feed Conduit Entry		Ø25	mm
Flexible Interlink Conduit Feed Conduit Entry P Rating BS EN 60529		Ø25 1 or 2 x Ø25	mm
Flexible Interlink Conduit Feed Conduit Entry P Rating BS EN 60529 Minimum void depth (track + tap off)		Ø25 1 or 2 x Ø25 4X	mm mm
Flexible Interlink Conduit Feed Conduit Entry IP Rating BS EN 60529 Minimum void depth (track + tap off) Material Specification	Galvanised Steel	Ø25 1 or 2 x Ø25 4X	mm mm
Flexible Interlink Conduit Feed Conduit Entry P Rating BS EN 60529 Minimum void depth (track + tap off) Material Specification Betatrak® Casing	Galvanised Steel High Conductivity Copper	Ø25 1 or 2 x Ø25 4X	mm mm
Flexible Interlink Conduit Feed Conduit Entry P Rating BS EN 60529 Minimum void depth (track + tap off) Material Specification Betatrak® Casing Busbars	High Conductivity Copper	Ø25 1 or 2 x Ø25 4X	mm mm
Flexible Interlink Conduit Feed Conduit Entry P Rating BS EN 60529 Minimum void depth (track + tap off) Material Specification Betatrak® Casing Busbars Busbar Insulators and Coupling Mould	High Conductivity Copper Flame Retardant Polycarbonate	Ø25 1 or 2 x Ø25 4X	mm mm
Flexible Interlink Conduit Feed Conduit Entry P Rating BS EN 60529 Minimum void depth (track + tap off) Material Specification Betatrak® Casing Busbars Busbar Insulators and Coupling Mould Couple Contacts	High Conductivity Copper Flame Retardant Polycarbonate Copper	Ø25 1 or 2 x Ø25 4X	mm mm
Flexible Interlink Conduit Feed Conduit Entry P Rating BS EN 60529 Minimum void depth (track + tap off) Material Specification Betatrak® Casing Busbars Busbar Insulators and Coupling Mould Couple Contacts Feed Unit Terminals	High Conductivity Copper Flame Retardant Polycarbonate Copper Brass Silver Plated	Ø25 1 or 2 x Ø25 4X	mm mm
Flexible Interlink Conduit Feed Conduit Entry P Rating BS EN 60529 Minimum void depth (track + tap off) Material Specification Betatrak® Casing Busbars Busbar Insulators and Coupling Mould Couple Contacts Feed Unit Terminals Tap off Socket and Plug Mouldings	High Conductivity Copper Flame Retardant Polycarbonate Copper Brass Silver Plated Flame Retardant Polycarbonate	Ø25 1 or 2 x Ø25 4X	mm mm
Flexible Interlink Conduit Feed Conduit Entry P Rating BS EN 60529 Minimum void depth (track + tap off) Material Specification Betatrak® Casing Busbars Busbar Insulators and Coupling Mould Couple Contacts Feed Unit Terminals Tap off Socket and Plug Mouldings Tap off Shutter	High Conductivity Copper Flame Retardant Polycarbonate Copper Brass Silver Plated Flame Retardant Polycarbonate Polyester	Ø25 1 or 2 x Ø25 4X	mm mm
Flexible Interlink Conduit Feed Conduit Entry IP Rating BS EN 60529 Minimum void depth (track + tap off) Material Specification Betatrak® Casing Busbars Busbar Insulators and Coupling Mould Couple Contacts Feed Unit Terminals Tap off Socket and Plug Mouldings Tap off Shutter Tap off Plug Ins	High Conductivity Copper Flame Retardant Polycarbonate Copper Brass Silver Plated Flame Retardant Polycarbonate Polyester Brass	Ø25 1 or 2 x Ø25 4X	mm mm
Flexible Corner Unit Cable (BS 7211) Flexible Interlink Conduit Feed Conduit Entry IP Rating BS EN 60529 Minimum void depth (track + tap off) Material Specification Betatrak® Casing Busbars Busbar Insulators and Coupling Mould Couple Contacts Feed Unit Terminals Tap off Socket and Plug Mouldings Tap off Shutter Tap off Cable	High Conductivity Copper Flame Retardant Polycarbonate Copper Brass Silver Plated Flame Retardant Polycarbonate Polyester Brass LSOH BS 7211	Ø25 1 or 2 x Ø25 4X	mm mm
Flexible Interlink Conduit Feed Conduit Entry IP Rating BS EN 60529 Minimum void depth (track + tap off) Material Specification Betatrak® Casing Busbars Busbar Insulators and Coupling Mould Couple Contacts Feed Unit Terminals Tap off Socket and Plug Mouldings Tap off Shutter Tap off Plug Ins Tap off Cable Flexible Corner Cable	High Conductivity Copper Flame Retardant Polycarbonate Copper Brass Silver Plated Flame Retardant Polycarbonate Polyester Brass	Ø25 1 or 2 x Ø25 4X	mm mm
Flexible Interlink Conduit Feed Conduit Entry IP Rating BS EN 60529 Minimum void depth (track + tap off) Material Specification Betatrak® Casing Busbars Busbar Insulators and Coupling Mould Couple Contacts Feed Unit Terminals Tap off Socket and Plug Mouldings Tap off Shutter Tap off Plug Ins Tap off Cable Flexible Corner Cable Ambient Temperature Control Factors	High Conductivity Copper Flame Retardant Polycarbonate Copper Brass Silver Plated Flame Retardant Polycarbonate Polyester Brass LSOH BS 7211 Tri Rated BS 6231	Ø25 1 or 2 x Ø25 4X 59	mm mm
Flexible Interlink Conduit Feed Conduit Entry IP Rating BS EN 60529 Minimum void depth (track + tap off) Material Specification Betatrak® Casing Busbars Busbar Insulators and Coupling Mould Couple Contacts Feed Unit Terminals Tap off Socket and Plug Mouldings Tap off Shutter Tap off Plug Ins Tap off Cable Flexible Corner Cable	High Conductivity Copper Flame Retardant Polycarbonate Copper Brass Silver Plated Flame Retardant Polycarbonate Polyester Brass LSOH BS 7211	Ø25 1 or 2 x Ø25 4X	mm mm

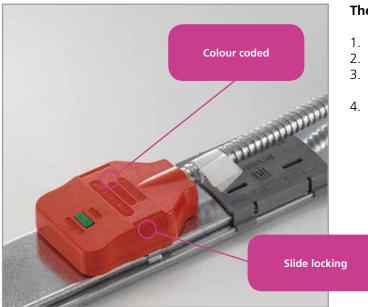
Betatrak products has been independently tested to fully comply with BS EN 61534 and IEC 61534 2014 for Underfloor Powertrack Systems.

Tap Offs



Tap offs are colour coded and non-interchangeable between busbar types. The slide locking, positive latching tap off plug prevents accidental disconnection and can be added to or removed from the busbar while the system is live. All 3 metre, 32 Amp tap offs incorporate an unfused plug, and as standard, 16mmØ metal flexible conduit enclosing 3 metres of 4mm² cables. These units are designed to comply with Regulation 434.2.1 of BS 7671:2008 Amd 3. 5 metre unfused tap offs are also available for use with individual track runs that are rated at no more than 32Amp, where the protection of the tap off against both overload and fault current is provided by the track protective device.

CMD tap off units conform to the high integrity protective requirement by virtue of using a protective conductor of 4mm enclosed within a flexible conduit, thus providing additional protection against mechanical damage.



The benefits of using a CMD Tap off

- . Choice: a comprehensive range of supply versions
- 2. Flexibility: can be used in new or existing layouts
- 3. Safety: all units are designed to comply with regulation 434.2.1 of BS 7671: 2008 Amd 3
- 4. Convenience: all tap offs are colour coded and non-interchangeable with slide locking and positive latching to prevent accidental disconnection

Tap off units

Socket key codes	Standard Earth	Clean Earth	Auxiliary Earth	Dual Circuit	3 Phase
3m unfused				PBDX 7283H*	PBTX 5283H**
3m unfused 32 Amp	PBSX 3323H	PBCX 4323H	PBAX 3323H	PBSX 3323H PBCX 4323H	BTX 3323H 1, 2 or 3
3m fused 13 Amp	PBSX 3133H	PBCX 4133H	PBAX 3133H	PBSX 3133H PBCX 4133H	BTX 3133H 1, 2 or 3
5m unfused 25 Amp				PBDX 7285H*	PBTX 5285H**
5m unfused 32 Amp	PBSX 3325H	PBCX 4325H	PBAX 3325H	PBSX 3325H PBCX 4325H	BTX 3325H 1, 2 or 3
5m fused 13 Amp	PBSX 3135H	PBCX 4135H	PBAX 3135H	PBSX 3135H PBCX 4135H	BTX 3135H 1, 2 or 3



32 Amp 3 metre tap off

32 Amp 3 metre tap off unit is comprised of an unfused plug with 16mm \emptyset flexible metal conduit with integral 3m x 4mm² cables.

These units are designed to comply with regulations 434.2.1(i) BS 7671:2008 Amd 3 by virtue of the following:

- 1. Maximum length of cable is <3 metres
- 2. Minimum risk of faults as the item is factory assembled and fully tested
- 3. Fully protected by flexible steel conduit located within raised access floor that offers further protection

5 metre tap off unit

Tap off units in excess of 3 metres should only be used if they contain a fuse or the busbar is protected by a 32Amp rated protective device.

Mechanical data	
Tap off cable 32 Amp (BS 7211)	4.0 mm ²
Tap off cable 13 Amp fused (BS 7211)	2.5 mm ²
Tap off conduit sizes	Ø16 or Ø20 mm
Tap off socket and plug mouldings	Flame retardant polycarbonate
Tap off shutter	Polyester
Tap off plug pins	Brass
Tap off cable	LSOH BS 7211
Flexible corner cable	Tri rated BS 6231

	- 1.	- ".
Mechanical data	Track type	Tap off type
Standard earth White 63 Amp	- U U	Service of the servic
Clean earth (CE) (low noise earth) Red 63 Amp		
Auxiliary earth Black 63 Amp	- U U U U	NOTE THE PARTY OF
Dual circuit (standard/low noise) Green 63 Amp	CE MI LI NO LI	The state of the s
3 phase Blue 63 Amp	< !!!!!!!!!	

All tap off units comply with 17th Edition Wiring Regulations Section 543.7 (High Integrity Earthing).

Numerous configurations of tap off units including fuse options are available on request. Longer lengths available on request. CMD tap off units conform to the high integrity protective requirement by virtue of using a protective conductor of 4mm enclosed within a flexible conduit, thus providing additional protection against mechanical damage.

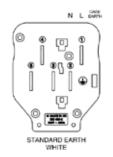
- *These tap offs have 2 circuits (1 x standard and 1 x clean earth) rated at 25 Amp
- **These tap offs are 3 Phase (L1, L2, L3, N, E) rated at 28 Amp

Tap Offs



Standard Earth - 63 Amp





Code	Description
Betatrak®	
PBST3336	3.6 Metre Length
PBST3324	2.4 Metre Length
PBST3318	1.8 Metre Length
PBST3312	1.2 Metre Length
PBSF3010/S	Feed Unit c/w End Stop
PBSB3000/S	Flexible Corner Kit
PBSB3031H/SM	Flexible Corner - 1 Metre
PBSB3032H/SM	Flexible Corner - 2 Metre
Tap Offs	
PBSX3323H	3 Metre Tap off 32 Amp Unfused
PBSX3325H	5 Metre Tap off 32 Amp Unfused
PBSX3133H	3 Metre Tap off 13 Amp Fused
PBSX3135H	5 Metre Tap off 13 Amp Fused

Clean Earth (CE) - 63 Amp

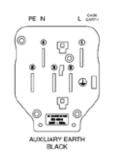




Code	Description
Betatrak®	
PBCT4336	3.6 Metre Length
PBCT4324	2.4 Metre Length
PBCT4318	1.8 Metre Length
PBCT4312	1.2 Metre Length
PBCF4010/S	Feed Unit c/w End Stop
PBCB4000/S	Flexible Corner Kit
PBCB4031H/SM	Flexible Corner - 1 Metre
PBCB4032H/SM	Flexible Corner - 2 Metre
Tap Offs	
PBCX4323H	3 Metre Tap off 32 Amp Unfused
PBCX4325H	5 Metre Tap off 32 Amp Unfused
PBCX4133H	3 Metre Tap off 13 Amp Fused
PBCX4135H	5 Metre Tap off 13 Amp Fused

Auxiliary Earth - 63 Amp





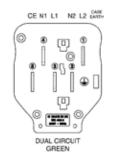
Code	Description
Betatrak®	
PBAT3336	3.6 Metre Length
PBAT3324	2.4 Metre Length
PBAT3318	1.8 Metre Length
PBAT3312	1.2 Metre Length
PBAF3010/S	Feed Unit c/w End Stop
PBAB3000/S	Flexible Corner Kit
PBAB3031H/SM	Flexible Corner - 1 Metre
PBAB3032H/SM	Flexible Corner - 2 Metre
Tap Offs	
PBAX3323H	3 Metre Tap off 32 Amp Unfused
PBAX3325H	5 Metre Tap off 32 Amp Unfused
PBAX3133H	3 Metre Tap off 13 Amp Fused
PBAX3135H	5 Metre Tap off 13 Amp Fused



Tap Offs

Dual Circuit - 63 Amp

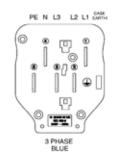




Code	Description
Betatrak®	
PBDT6336	3.6 Metre Length
PBDT6324	2.4 Metre Length
PBDT6318	1.8 Metre Length
PBDT6312	1.2 Metre Length
PBDF6010	Feed Unit c/w End Stop
PBDB6000	Flexible Corner Kit
PBDB6031H	Flexible Corner - 1 Metre
PBDB6032H	Flexible Corner - 2 Metre
Tap Offs	
PBDX7283H	3 Metre Tap off 25 Amp Unfused Dual Circuit
PBDX7285H	5 Metre Tap off 25 Amp Unfused Dual Circuit

3 Phase - 63 Amp





Code	Description	
Betatrak®		
PBTT5336	3.6 Metre Length	
PBTT5324	2.4 Metre Length	
PBTT5318	1.8 Metre Length	
PBTT5312	1.2 Metre Length	
PBTF5010	Feed Unit c/w End Stop	
PBTB5000	Flexible Corner Kit	
PBTB5031H	Flexible Corner - 1 Metre	
PBTB5032H	Flexible Corner - 2 Metre	
Tap Offs		
PBTX3323H-1	3 Metre Tap off 32 Amp Unfused	
PBTX3325H-1	5 Metre Tap off 32 Amp Unfused	
PBTX3133H-1	3 Metre Tap off 13 Amp Fused	
PBTX3135H-1	5 Metre Tap off 13 Amp Fused	

NB: Add suffix -1, -2 or -3 to indicate required phase configuration of the above 3 Phase Tap Offs E.G. PBTX3323H-1

Non Standard Tap Offs

Code	Description		
Betatrak® Non Standard Tap Offs 32 Amp Neutrik Tap Offs			
PPA8284K	5m, 32 Amp unfused, Std Earth tap off c/w 32 Amp Neutrik (For Std earth and Std earth/607)		
PPA7842K	5m, 32 Amp unfused, Std Auxiliary Earth Tap off c/w 32 Amp Neutrik (For Std earth and Std earth/607)		
PPA8306	5m, 32 Amp unfused, Clean Earth Tap off c/w 32 Amp Neutrik (For C/E and C/E 607)		
Alphatrak® Non Standard Tap Offs Standard Earth			
PASX3323H	3 Metre Tap off 32 Amp Unfused		
PASX3325H	5 Metre Tap off 32 Amp Unfused		
Alphatrak® Non Standard Tap Offs Clean Earth			
PACX4323H	3 Metre Tap off 32 Amp Unfused		
PACX4325H	5 Metre Tap off 32 Amp Unfused		

Betatrak Compliance Standard



ASTA Certificate of Verification Tests

Laboratory Ref. No: 45673/1

APPARATUS: Rated current 63A, rated voltage 240V/415V, rated impulse voltage 4kV, 50Hz, with a

conditional short circuit rating of 16kA.

A range of underfloor powertrack systems and associated tap-off units.

DESIGNATION: Betatrak system

MANUFACTURER: CMD Limited, Sycamore Road, Eastwood Trading Estate, Rotherham,

S65 1EN

TESTED BY: kA Testing Facility, John Street, New Basford, Nottingham, NG7 7HL, UK

Prof. Ir. Damstra Laboratory, P.O Box 23, 7550 AA, Hengelo, Europalaan 202, 7559 SC

Hengelo, The Netherlands

Exova (UK) Limited, 6 Coronet Way, Centenary Park, Salford, M50 1RE, UK

Exova Warringtonfire, Holmesfield Road, Warrington, WA1 2DS, UK Exova (UK) Limited, Key Industrial Estate, Fernside Road, Willenhall,

West Midlands, WV13 3YA, UK

26th February - 23rd August 2016 DATE(S) OF TESTS:

The apparatus, constructed in accordance with the description, drawings and photographs incorporated in this certificate has been subjected to the series of proving tests in accordance with:

IEC 61534-22 Edition 2.0, 2014-06 and BS EN 61534-22: 2014

Verifications with reference to the tests listed in Sub-Clause 5.3 of IEC 61534-1: Edition 2.1 2014 06

1.	Marking and Documentation, Clause 8	8.	Insulation resistance test and dielectric strength test, Clause 15
2.	Construction, Clause 9	9.	Normal operation, Clause 16
3.	Clearances, creepage distances and solid insulation, Clause 10	10.	Temperature rise, Clause 17
4.	Protection against electric shock, Clause 11	11.	Short-circuit protection and short-circuit withstand strength, Clause 18
5.	Terminals and Terminations, Clause 12	12.	Resistance to heat, Clause 19
6.	Screws, current carrying parts and connections, Clause 13	13.	Fire hazard, Clause 20
7.	Mechanical strength, Clause 14	14.	External influences, Clause 21

This certificate applies only to the apparatus tested. Responsibility for conformity of any apparatus having the same or other designations rests with CMD.

Issued by Intertek, Centre Court, Meridian Business Park, Leicester, LE19 1WD Contact: asta@intertek.com Tel: +44 (0)116 263 0330



One piece 'fast fit' (20 series) - One piece back box.

Individual 'fast fit' (20A series) - Individual box bases for each compartment.

Screed/Screw fixed/Stainless (99 series) - Screed and stainless steel boxes available. Stainless suited for more prestigious spaces e.g. reception areas.

Fully configurable floor box Wide range of accessory plates Can be prewired with Betatrak® tap offs Deeper versions available Fast fit advantages Quick removal with services fitted Installation tolerance of -0/+3mm Fixes to floor thicknesses of 15-50mm

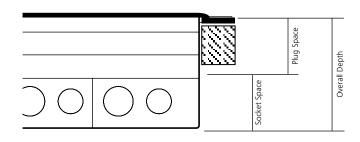




Our one piece 20 Series 'Fast Fit' access floor box has been designed to meet the demands of the modern day working environment.

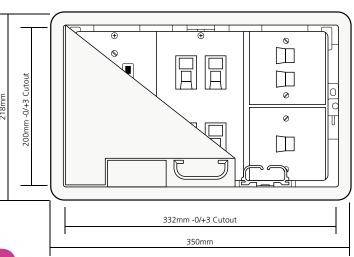


- Fast and simple tool free fixing mechanism
- Easy access for carpet fitting: the lid and trim is removed in seconds
- Quick release lid for easy access to accessory plates
- Can be pre-fitted with socket outlet and tap off
- Self closing lid
- Non-trip cable outlet brackets
- 3 and 4 compartment boxes are the same overall size. Compartment sizes:
 - 3 compartment: 100mm x 175mm 4 compartment: 75mm x 175mm
- 85mm standard depth (other sizes available, see



Overall Depth	Plug Space	Socket Space
85mm	30mm	45mm
100mm	45mm	45mm
115mm	60mm	45mm
130mm	75mm	45mm





3 Compartment

Code	Description
One Piece Unwired	Floor box, Grey Trim
PP20385G	Standard 'Fast Fit' 85mm deep
PP20310G	Standard 'Fast Fit' 100mm deep
PP20311G	Standard 'Fast Fit' 115mm deep
PP20313G	Standard 'Fast Fit' 130mm deep
Add Suffix /KL	Additional overcost to fit a Key Lock to a floor box lid

4 Compartment

4 Compartment		
Code	Description	
One Piece Unwired	Floor box, Grey Trim	
PP20485G	Standard 'Fast Fit' 85mm deep	
PP20410G	Standard 'Fast Fit' 100mm deep	
PP20411G	Standard 'Fast Fit' 115mm deep	
PP20413G	Standard 'Fast Fit' 130mm deep	
Add Suffix /KL	Additional overcost to fit a Key Lock to a floor box lid	



One Piece Floor Boxes

Standard Earth One piece pre-wired floor box c/w 3m or 5m 32A unfused Betatrak® tap off

3 Compartment

4 Compartment

Code	Description	Code	Description
3m Standard Earth White Plug		3m Standard Earth V	Vhite Plug
P20385G/BS3U104	1 x Twin 13A Switched Socket	P20485G/BS3U102	1 x Twin 13A Switched Socket
P20385G/BS3U207	2 x Twin 13A Switched Sockets	P20485G/BS3U204	2 x Twin 13A Switched Sockets
P20385G/BS3U113	1 x Twin 13A Switched RCD Socket	P20485G/BS3U103	1 x Twin 13A Switched RCD Socket
P20385G/BS3U221	2 x Twin 13A Switched RCD Sockets	P20485G/BS3U209	2 x Twin 13A Switched RCD Sockets
5m Standard Earth White Plug		5m Standard Earth V	Vhite Plug
P20385G/BS5U102	1 x Twin 13A Switched Socket	P20485G/BS5U101	1 x Twin 13A Switched Socket
P20385G/BS5U204	2 x Twin 13A Switched Sockets	P20485G/BS5U201	2 x Twin 13A Switched Sockets
P20385G/BS5U108	1 x Twin 13A Switched RCD Socket	P20485G/BS5U102	1 x Twin 13A Switched RCD Socket
P20385G/BS5U213	2 x Twin 13A Switched RCD Sockets	P20485G/BS5U203	2 x Twin 13A Switched RCD Sockets

Clean Earth One piece pre-wired floor box c/w 3m or 5m 32A unfused Betatrak® tap off

3 Compartment

4 Compartment

3 Compartment			4 Compartment	
	Code	Description	Code	Description
3m Clean Earth Red Plug		3m Clean Earth Red F	Plug	
	P20385G/BC3U101	1 x Twin 13A Switched Socket	P20485G/BC3U100	1 x Twin 13A Switched Socket
	P20385G/BC3U205	2 x Twin 13A Switched Sockets	P20485G/BC3U202	2 x Twin 13A Switched Sockets
	P20385G/BC3U110	1 x Twin 13A Switched RCD Socket	P20485G/BC3U102	1 x Twin 13A Switched RCD Socket
	P20385G/BC3U220	2 x Twin 13A Switched RCD Sockets	P20485G/BC3U207	2 x Twin 13A Switched RCD Sockets
5m Clean Earth Red Plug		Plug	5m Clean Earth Red F	Plug
	P20385G/BC5U103	1 x Twin 13A Switched Socket	P20485G/BC5U101	1 x Twin 13A Switched Socket
	P20385G/BC5U203	2 x Twin 13A Switched Sockets	P20485G/BC5U201	2 x Twin 13A Switched Sockets
	P20385G/BC5U108	1 x Twin 13A Switched RCD Socket	P20485G/BC5U103	1 x Twin 13A Switched RCD Socket
	P20385G/BC5U207	2 x Twin 13A Switched RCD Sockets	P20485G/BC5U203	2 x Twin 13A Switched RCD Sockets

Auxiliary Standard Earth One piece pre-wired floor box c/w 3m or 5m 32A unfused Betatrak® tap off

3 Compartment

4 Compartment

3 Compartment		4 Compartment	
Code	Description	Code	Description
3m Auxiliary Earth Black Plug		3m Auxiliary Earth Bla	ack Plug
P20385G/BA3U102	1 x Twin 13A Switched Socket	P20485G/BA3U102	1 x Twin 13A Switched Socket
P20385G/BA3U203	2 x Twin 13A Switched Sockets	P20485G/BA3U204	2 x Twin 13A Switched Sockets
P20385G/BA3U105	1 x Twin 13A Switched RCD Socket	P20485G/BA3U103	1 x Twin 13A Switched RCD Socket
P20385G/BA3U206	2 x Twin 13A Switched RCD Sockets	P20485G/BA3U207	2 x Twin 13A Switched RCD Sockets
5m Auxiliary Earth Black Plug		5m Auxiliary Earth Bla	ack Plug
P20385G/BA5U101	1 x Twin 13A Switched Socket	P20485G/BA5U100	1 x Twin 13A Switched Socket
P20385G/BA5U202	2 x Twin 13A Switched Sockets	P20485G/BA5U201	2 x Twin 13A Switched Sockets
P20385G/BA5U102	1 x Twin 13A Switched RCD Socket	P20485G/BA5U101	1 x Twin 13A Switched RCD Socket
P20385G/BA5U204	2 x Twin 13A Switched RCD Sockets	P20485G/BA5U203	2 x Twin 13A Switched RCD Sockets

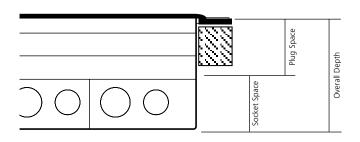
Individual Compartment Floor Box



Our individual 20A Series 'Fast Fit' access floor box has been designed to meet the demands of the modern day working environment. Separate removable compartments allow services to be removed whilst the floor box body and lid remain in situ.



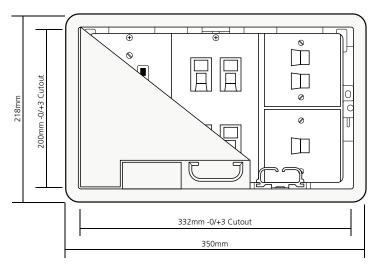
- Fast and simple tool free fixing mechanism
- Easy access for carpet fitting: the lid and trim is removed in seconds
- Quick release lid for easy access to accessory plates
- Can be pre-fitted with socket outlet and tap-off unit
- Self closing lid
- Non-Trip cable outlet brackets
- 3 and 4 compartment boxes are the same overall size. Compartment sizes:
 - 3 compartment: 100mm x 175mm4 compartment: 75mm x 175mm
- 85mm standard depth (other sizes available, see table opposite)



Overall Depth	Plug Space	Socket Space
85mm	30mm	45mm
100mm	45mm	45mm
115mm	60mm	45mm
130mm	75mm	45mm







3 Compartment

Code	Description		
One Piece Unwired F	One Piece Unwired Floor box, Grey Trim		
PP20A385G	Standard 'Fast Fit' 85mm deep		
PP20A310G	Standard 'Fast Fit' 100mm deep		
PP20A311G	Standard 'Fast Fit' 115mm deep		
PP20A313G	Standard 'Fast Fit' 130mm deep		
Individual compartments 45mm deep			
PPS2034A	Single Width		
PPS203D4A	Double Width		
Add Suffix /KL	Additional overcost to fit a Key Lock to a floor box lid		

4 Compartment

4 Compartment		
Code	Description	
One Piece Unwire	d Floor box, Grey Trim	
PP20A485G	Standard 'Fast Fit' 85mm deep	
PP20A410G	Standard 'Fast Fit' 100mm deep	
PP20A411G	Standard 'Fast Fit' 115mm deep	
PP20A413G	Standard 'Fast Fit' 130mm deep	
Individual compartments 45mm deep		
PPS2044A	Single Width	
PPS204D4A	Double Width	
Add Suffix /KL	Additional overcost to fit a Key Lock to a floor box lid	



Individual Compartment Floor Box

Standard Earth One piece pre-wired floor box c/w 3m or 5m 32A unfused Betatrak® tap off

3 Compartment

4 Compartment

Code	Description	Code	Description
3m Standard Earth White Plug		3m Standard Earth W	hite Plug
P20A385GBS3U104	1 x Twin 13A Switched Socket	P20A485GBS3U101	1 x Twin 13A Switched Socket
P20A385GBS3U202	2 x Twin 13A Switched Sockets	P20A485GBS3U204	2 x Twin 13A Switched Sockets
P20A385GBS3U108	1 x Twin 13A Switched RCD Socket	P20A485GBS3U103	1 x Twin 13A Switched RCD Socket
P20A385GBS3U209	2 x Twin 13A Switched RCD Sockets	P20A485GBS3U206	2 x Twin 13A Switched RCD Sockets
5m Standard Earth White Plug		5m Standard Earth W	hite Plug
P20A385GBS5U103	1 x Twin 13A Switched Socket	P20A485GBS5U100	1 x Twin 13A Switched Socket
P20A385GBS5U202	2 x Twin 13A Switched Sockets	P20A485GBS5U204	2 x Twin 13A Switched Sockets
P20A385GBS5U104	1 x Twin 13A Switched RCD Socket	P20A485GBS5U101	1 x Twin 13A Switched RCD Socket
P20A385GBS5U204	2 x Twin 13A Switched RCD Sockets	P20A485GBS5U205	2 x Twin 13A Switched RCD Sockets

Clean Earth One piece pre-wired floor box c/w 3m or 5m 32A unfused Betatrak® tap off

3 Compartment

4 Compartment

3 Compartment	4 Compartment	
Code Description	Code Description	
3m Clean Earth Red Plug	3m Clean Earth Red Plug	
P20A385GBC3U100 1 x Twin 13A Switched Socket	P20A485GBC3U100 1 x Twin 13A Switched Socket	
P20A385GBC3U204 2 x Twin 13A Switched Sockets	P20A485GBC3U202 2 x Twin 13A Switched Sockets	
P20A385GBC3U103 1 x Twin 13A Switched RCD Socket	P20A485GBC3U102 1 x Twin 13A Switched RCD Socket	
P20A385GBC3U206 2 x Twin 13A Switched RCD Sockets	P20A485GBC3U203 2 x Twin 13A Switched RCD Sockets	
5m Clean Earth Red Plug	5m Clean Earth Red Plug	
P20A385GBC5U101 1 x Twin 13A Switched Socket	P20A485GBC5U100 1 x Twin 13A Switched Socket	
P20A385GBC5U201 2 x Twin 13A Switched Sockets	P20A485GBC5U201 2 x Twin 13A Switched Sockets	
P20A385GBC5U102 1 x Twin 13A Switched RCD Socket	P20A485GBC5U101 1 x Twin 13A Switched RCD Socket	
P20A385GBC5U202 2 x Twin 13A Switched RCD Sockets	P20A485GBC5U202 2 x Twin 13A Switched RCD Sockets	

Auxiliary Standard Earth One piece pre-wired floor box c/w 3m or 5m 32A unfused Betatrak® tap off

3 Compartment

4 Compartment

4 Compartment	
Code Description	
3m Auxiliary Earth Black Plug	
P20A485GBA3U101 1 x Twin 13A Switched Socket	
P20A485GBA3U200 2 x Twin 13A Switched Sockets	
P20A485GBA3U102 1 x Twin 13A Switched RCD Socket	
P20A485GBA3U201 2 x Twin 13A Switched RCD Sockets	
5m Auxiliary Earth Black Plug	
P20A485GBA5U100 1 x Twin 13A Switched Socket	
P20A485GBA5U200 2 x Twin 13A Switched Sockets	
P20A485GBA5U101 1 x Twin 13A Switched RCD Socket	
P20A485GBA5U201 2 x Twin 13A Switched RCD Sockets	

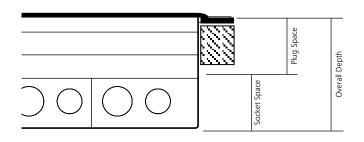
Integral RCD/RCBO Floor Boxes



Our individual 20A Series 'Fast Fit' access floor box with integral Din Rail mounted RCD or RCBO protection has been designed to meet the demands of the modern day working environment. By using a modular breaker wired to normal sockets the need for expensive RCD sockets is removed. Separate removable compartments allow services to be removed whilst the floor box body and lid remain in situ.

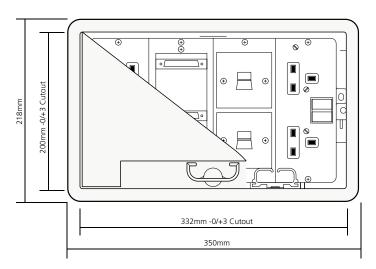


- Integral RCD/RCBO wired to normal sockets
- Fast and simple tool free fixing mechanism
- Easy access for carpet fitting: the lid and trim is removed in seconds
- Quick release lid for easy access to accessory plates
- Can be pre-fitted with socket outlet and tap off unit
- Self closing lid
- Non-trip cable outlet brackets



Overall Depth	Plug Space	Socket Space
95mm	30mm	45mm





Note:

- These boxes are 4 compartment but use the 1st compartment to house the RCD/RCBO
- Removable compartments are double width for 1 twin socket and triple width for 2 twin sockets
- Compartment sizes are 75mm x 175mm



Integral RCD/RCBO Floor Boxes

Standard Earth Pre-wired floor box c/w 32A unfused Betatrak® tap off

4 Compartment

Code	Description	RCD/RCBO
3m Standard Earth W	hite Plug	
P20A495GBS3U200	1 x Twin 13A Switched Socket	40A RCD
P20A495GBS3U308	2 x Twin 13A Switched Sockets	40A RCD
P20A495GBS3U207	1 x Twin 13A Switched Socket	20A RCBO
P20A495GBS3U301	2 x Twin 13A Switched Sockets	20A RCBO
5m Standard Earth W	hite Plug	
P20A495GBS5U204	1 x Twin 13A Switched Socket	40A RCD
P20A495GBS5U305	2 x Twin 13A Switched Sockets	40A RCD
P20A495GBS5U203	1 x Twin 13A Switched Socket	20A RCBO
P20A495GBS5U304	2 x Twin 13A Switched Sockets	20A RCBO

Clean Earth Pre-wired floor box c/w 32A unfused Betatrak® tap off

4 Compartment

Code	Description	RCD/RCBO
3m Clean Earth Red	Plug	
P20A495GBC3U202	1 x Twin 13A Switched Socket	40A RCD
P20A495GBC3U302	2 x Twin 13A Switched Sockets	40A RCD
P20A495GBC3U203	1 x Twin 13A Switched Socket	20A RCBO
P20A495GBC3U303	2 x Twin 13A Switched Sockets	20A RCBO
5m Clean Earth Red	Plug	
P20A495GBC5U201	1 x Twin 13A Switched Socket	40A RCD
P20A495GBC5U301	2 x Twin 13A Switched Sockets	40A RCD
P20A495GBC5U202	1 x Twin 13A Switched Socket	20A RCBO
P20A495GBC5U302	2 x Twin 13A Switched Sockets	20A RCBO

Auxiliary Standard Earth Pre-wired floor box c/w 32A unfused Betatrak® tap off

4 Compartment

Code	Description	RCD/RCBO
3m Auxiliary Earth B	lack Plug	
P20A495GBA3U200	1 x Twin 13A Switched Socket	40A RCD
P20A495GBA3U300	2 x Twin 13A Switched Sockets	40A RCD
P20A495GBA3U201	1 x Twin 13A Switched Socket	20A RCBO
P20A495GBA3U301	2 x Twin 13A Switched Sockets	20A RCBO
5m Auxiliary Earth B	lack Plug	
P20A495GBA5U200	1 x Twin 13A Switched Socket	40A RCD
P20A495GBA5U300	2 x Twin 13A Switched Sockets	40A RCD
P20A495GBA5U201	1 x Twin 13A Switched Socket	20A RCBO
P20A495GBA5U301	2 x Twin 13A Switched Sockets	20A RCBO

power

Screed + Screwfix Floor Boxes



The 93 and 99 Series range of floor boxes are available for use as either a 'stand alone' screed floor type or a screw fixed type suitable for raised floors. Screed floor types are supplied with jacking legs which allow 10mm adjustment for levelling with the finished floor depth and also have taped seams to prevent ingress of screed.



- Quick release lid for easy access to accessory plate
- Self closing lid
- Non-Trip cable outlet brackets

93 Series 2 compartment

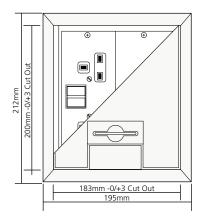
99 Series 3 compartment

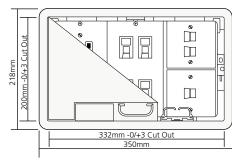
99 Series 4 compartment

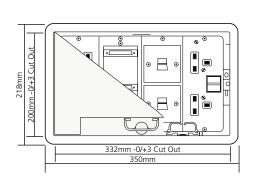












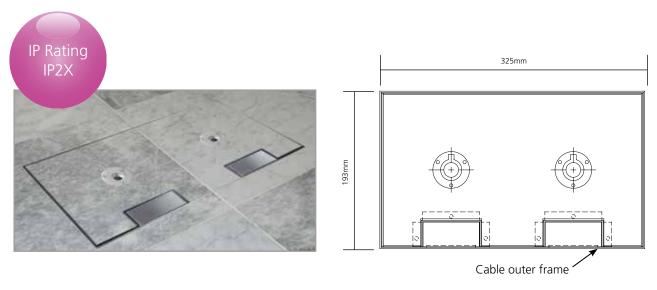
Code	Description	Code	Description	Code	Description
PP93275G	Screw Fix, 75mm deep Floor box, Grey Trim	PP99375G	Screw Fix, 75mm deep Floor box, Grey Trim	PP99475G	Screw Fix, 75mm deep Floor box, Grey Trim
PPS93275G	Screed Box, 75mm deep, Grey Trim - Adapted for Screed	PPS99375G	Screed Box, 75mm deep, Grey Trim - Adapted for Screed	PPS99475G	Screed Box, 75mm deep, Grey Trim - Adapted for Screed
				Add Suffix /KL	Additional overcost to fit a Key Lock to a floor box lid

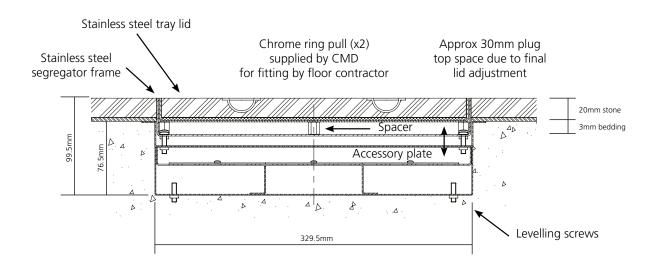


Screed Stainless Steel Floor Boxes

3 or 4 compartment stainless steel access floor box comprises of three distinct assemblies: the box base, the mounting frame and purpose made stainless steel frame/lid assembly. The box base has 20mm and 25mm conduit knockouts in each long side and dividing fillets that are provided to separate services. The box base is manufactured from galvanised steel and comes complete with a grid to accept interchangeable accessories.

The mounting frame is manufactured from galvanised steel and has two fixing holes in each long side. The frame/ lid tray assembly is manufactured from brushed stainless steel with straight edges and cable outlet brackets in the same material. The recess in the tray lid is 23mm deep. Maximum outside size of S/S trim is 325mm x 193mm and overall box depth is 99mm. The box is provided with jacking legs for levelling and adjustment – Screed option only.





3 Compartment

4 Compartment

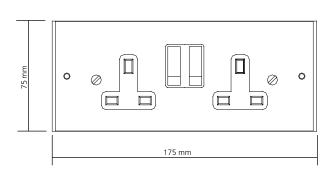
Code	Description	Code	Description
PP90375SS/23	Screwfix Unwired Floor box, Stainless Steel Trim 75mm deep	PP90475SS/23	Screwfix Unwired Floor box, Stainless Steel Trim 75mm deep
PPS90375SS/23	Screed Unwired Floor box, Stainless Steel Trim 75mm deep	PPS90475SS/23	Screed Unwired Floor box, Stainless Steel Trim 75mm deep

1 compartment Slab Box



1 compartment slab box with optional fixing feet can be used along with our range of floor grommets when budget control is top priority. The overall size of the unit is $175 \times 75 \times 40$ mm deep. The box base has a 20mm knock-out to allow conduit access and is manufactured from galvanised steel.



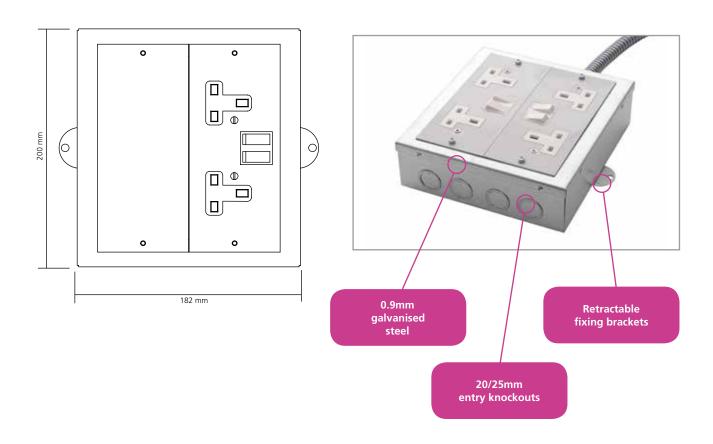


Code	Description
1 Compartment Slab Boxes	
PPS9014OS	75mm wide slab box c/w fixing feet
Standard Wired Configurations	5
Standard Earth	
PPA7097/1	Slab Box c/w fixing feet, Twin Socket, 3m Tap off 32A Unfused Standard Earth
PPA7097/5	Slab Box c/w fixing feet, Twin Socket, 5m Tap off 32A Unfused Standard Earth
Clean Earth	
PPA7097/3	Slab Box c/w fixing feet, Twin Socket, 3m Tap off 32A Unfused Clean Earth
PPA7097/6	Slab Box c/w fixing feet, Twin Socket, 5m Tap off 32A Unfused Clean Earth
Auxiliary Earth	
PPA7097/12	Slab Box c/w fixing feet, Twin Socket, 3m Tap off 32A Unfused Auxiliary Earth
PPA7097/13	Slab Box c/w fixing feet, Twin Socket, 5m Tap off 32A Unfused Auxiliary Earth



2 Compartment Slab Box

2 compartment slab box, with retractable fixing feet, that can be used along with our range of floor grommets when budget control is top priority. The overall size of the unit is $182 \times 200 \times 60$ mm deep. The box base has 20mm and 25mm conduit knockouts in each short side and dividing fillets are provided to separate services. The box base is manufactured from galvanised steel.

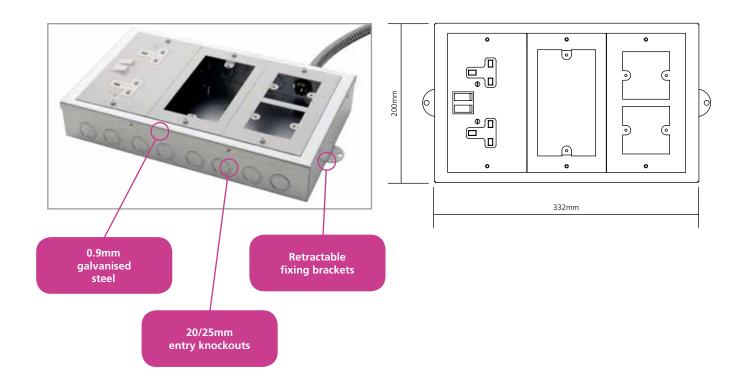


Code	Description
2 Compartment Slab Boxes	
PPS2325OS	2 Compartment 60mm deep slab box c/w retractable fixing feet
Standard Wired Configuration	S
Standard Earth	
P2325OS/BS3U100	Slab Box c/w fixing feet, Twin Socket, 3m Tap off 32A Unfused Standard Earth
P2325OS/BS3U200	Slab Box c/w fixing feet, 2x Twin Sockets, 3m Tap off 32A Unfused Standard Earth
P2325OS/BS5U100	Slab Box c/w fixing feet, Twin Socket, 5m Tap off 32A Unfused Standard Earth
P2325OS/BS5U200	Slab Box c/w fixing feet, 2x Twin Sockets, 5m Tap off 32A Unfused Standard Earth
Clean Earth	
P2325OS/BC3U100	Slab Box c/w fixing feet, Twin Socket, 3m Tap off 32A Unfused Clean Earth
P2325OS/BC3U200	Slab Box c/w fixing feet, 2x Twin Sockets, 3m Tap off 32A Unfused Clean Earth
P2325OS/BC5U100	Slab Box c/w fixing feet, Twin Socket, 5m Tap off 32A Unfused Clean Earth
P2325OS/BC5U200	Slab Box c/w fixing feet, 2x Twin Sockets, 5m Tap off 32A Unfused Clean Earth
Auxiliary Earth	
P2325OS/BA3U100	Slab Box c/w fixing feet, Twin Socket, 3m Tap off 32A Unfused Auxiliary Earth
P2325OS/BA3U200	Slab Box c/w fixing feet, 2x Twin Sockets, 3m Tap off 32A Unfused Auxiliary Earth
P2325OS/BA5U100	Slab Box c/w fixing feet, Twin Socket, 5m Tap off 32A Unfused Auxiliary Earth
P2325OS/BA5U200	Slab Box c/w fixing feet, 2x Twin Sockets, 5m Tap off 32A Unfused Auxiliary Earth

3 Compartment Slab Box



3 compartment slab box, with retractable fixing feet, that can be used along with our range of floor grommets when budget control is top priority. The overall size of the unit is 332 x 200 x 60mm deep. The box base has 20mm and 25mm conduit knockouts in each long side and dividing fillets are provided to separate services. The box base is manufactured from galvanised steel.

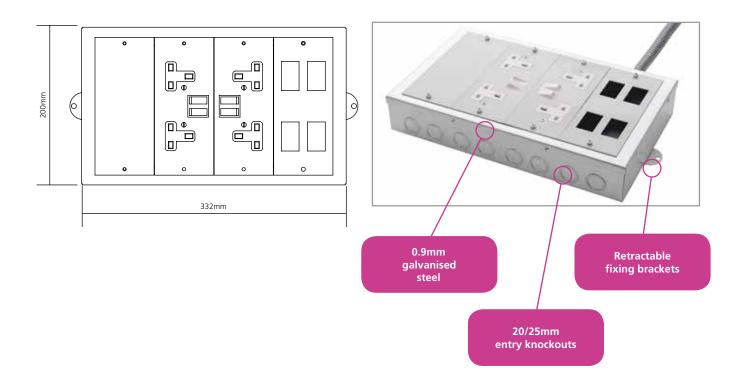


Code	Description
3 Compartment Slab Boxes	
PPS2335OS	3 Compartment 60mm deep slab box c/w retractable fixing feet
Standard Wired Configurations	s (add on required data plates)
Standard Earth	
P2335OS/BS3U100	Slab Box c/w fixing feet, Twin Socket, 3m Tap off 32A Unfused Standard Earth
P2335OS/BS3U200	Slab Box c/w fixing feet, 2x Twin Sockets, 3m Tap off 32A Unfused Standard Earth
P2335OS/BS5U100	Slab Box c/w fixing feet, Twin Socket, 5m Tap off 32A Unfused Standard Earth
P2335OS/BS5U200	Slab Box c/w fixing feet, 2x Twin Sockets, 5m Tap off 32A Unfused Standard Earth
Clean Earth	
P2335OS/BC3U100	Slab Box c/w fixing feet, Twin Socket, 3m Tap off 32A Unfused Clean Earth
P2335OS/BC3U200	Slab Box c/w fixing feet, 2x Twin Sockets, 3m Tap off 32A Unfused Clean Earth
P2335OS/BC5U100	Slab Box c/w fixing feet, Twin Socket, 5m Tap off 32A Unfused Clean Earth
P2335OS/BC5U200	Slab Box c/w fixing feet, 2x Twin Sockets, 5m Tap off 32A Unfused Clean Earth
Auxiliary Earth	
P2335OS/BA3U100	Slab Box c/w fixing feet, Twin Socket, 3m Tap off 32A Unfused Auxiliary Earth
P2335OS/BA3U200	Slab Box c/w fixing feet, 2x Twin Sockets, 3m Tap off 32A Unfused Auxiliary Earth
P2335OS/BA5U100	Slab Box c/w fixing feet, Twin Socket, 5m Tap off 32A Unfused Auxiliary Earth
P2335OS/BA5U200	Slab Box c/w fixing feet, 2x Twin Sockets, 5m Tap off 32A Unfused Auxiliary Earth



4 Compartment Slab Box

4 compartment slab box, with retractable fixing feet, that can be used along with our range of floor grommets when budget control is top priority. The overall size of the unit is 332 x 200 x 60mm deep. The box base has 20mm and 25mm conduit knockouts in each long side and dividing fillets are provided to separate services. The box base is manufactured from galvanised steel.

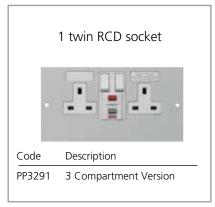


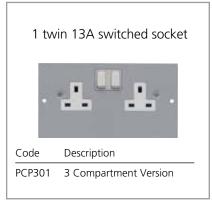
Code	Description
4 Compartment Slab Boxes	
PPS2345OS	4 Compartment 60mm deep slab box c/w retractable fixing feet
Standard Wired Configuration	ns (add on required data plates)
Standard Earth	
P2345OS/BS3U100	Slab Box c/w fixing feet, Twin Socket, 3m Tap off 32A Unfused Standard Earth
P2345OS/BS3U200	Slab Box c/w fixing feet, 2x Twin Sockets, 3m Tap off 32A Unfused Standard Earth
P2345OS/BS5U100	Slab Box c/w fixing feet, Twin Socket, 5m Tap off 32A Unfused Standard Earth
P2345OS/BS5U200	Slab Box c/w fixing feet, 2x Twin Sockets, 5m Tap off 32A Unfused Standard Earth
Clean Earth	
P2345OS/BC3U100	Slab Box c/w fixing feet, Twin Socket, 3m Tap off 32A Unfused Clean Earth
P2345OS/BC3U200	Slab Box c/w fixing feet, 2x Twin Sockets, 3m Tap off 32A Unfused Clean Earth
P2345OS/BC5U100	Slab Box c/w fixing feet, Twin Socket, 5m Tap off 32A Unfused Clean Earth
P2345OS/BC5U200	Slab Box c/w fixing feet, 2x Twin Sockets, 5m Tap off 32A Unfused Clean Earth
Auxiliary Earth	
P2345OS/BA3U100	Slab Box c/w fixing feet, Twin Socket, 3m Tap off 32A Unfused Auxiliary Earth
P2345OS/BA3U200	Slab Box c/w fixing feet, 2x Twin Sockets, 3m Tap off 32A Unfused Auxiliary Earth
P2345OS/BA5U100	Slab Box c/w fixing feet, Twin Socket, 5m Tap off 32A Unfused Auxiliary Earth
P2345OS/BA5U200	Slab Box c/w fixing feet, 2x Twin Sockets, 5m Tap off 32A Unfused Auxiliary Earth

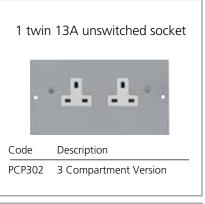


Select from our wide range of serviced power and unserviced data options. Accessory plates are common to most ranges - one piece, individual, screed and stainless floor boxes and slab floor boxes. All accessory plates are finished in light grey paint (RAL 7035).

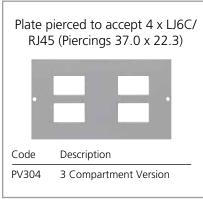
Plate sizes - 100mm x 175mm. Can only be fitted in 3 compartment floor and slab boxes.

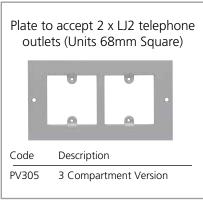




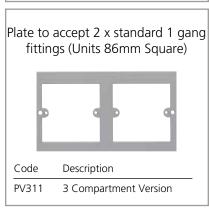


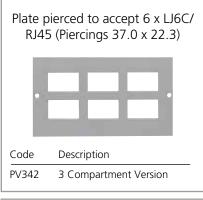


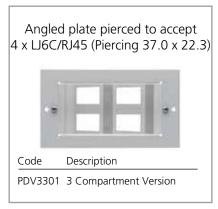


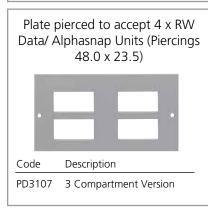


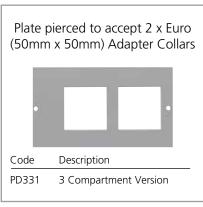




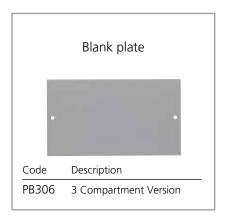












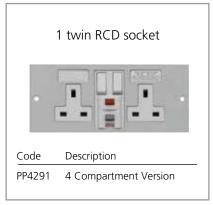
Code	Description
PP3291	Twin RCD Socket
PCP301	Twin Switched Socket Outlet
PCP302	Twin Unswitched Socket Outlet
PCP3003	Triple Unswitched Socket Outlet
PLT77923	Single Unswitched 5A Socket Outlet complete with 5A Fused Protection
PLT77928*	White Moulded Twin Socket Complete with Twin 3.4A USB Charger
PV304	4 No. RJ45 (37.1 x 22.3)
PV305	Plate pierced to accept 2 - LJ2
PM307	Plate pierced to accept 1 No. 2- Gang Std BS1363 outlet
PV311	Plate pierced to accept 2 No. 1- Gang Std BS1363 outlet
PV342	6 No. RJ45 (37.1 x 22.3)
PDV3301	4 No. Angled RJ45
PD3107	4 No. R W Data RJ45 (47.0 x 23.5)
PD331	Plate pierced to accept 2 - Euromod Collars (not supplied)
PCP301C	Clean Earth Twin Switched Socket Outlet
PCP302C	Clean Earth Twin Unswitched Socket Outlet
PCP3003C	Clean Earth Triple Unswitched Socket Outlet
PP301N	Twin Switched Socket Outlet Non-Std - Wandsworth
PB306	Blank Plate
PV388	8 No. RJ45 (37.1 x 22.3)
PX3210	White LJU6C size blank data cover
PLT98072	Plate pierced to accept 4 ST Fibre Optic Connectors
PX6804	Euromod snap in double adaptor collar

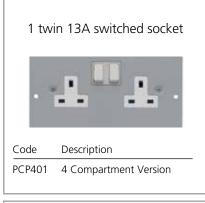
^{*}Note; Our white moulded twin socket with twin port USB charger is only available for our 3 compartment floor box. A minimum 50mm plug spaces is required for this plate.



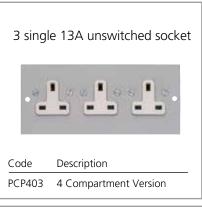
Select from our wide range of serviced power and unserviced data options, 4 compartment range for one piece, individual, screed and stainless floor boxes and slab boxes 75mm wide. Can be fitted in 1, 2 and 4 compartment slab boxes and 2, 4 compartment floor boxes. All accessory plates are finished in light grey paint (RAL 7035).

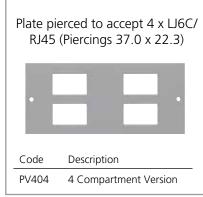
Plate sizes - 75mm x 175mm. Can only be fitted in 2 and 4 compartment floor boxes and 1, 2 and 4 compartment slab boxes.

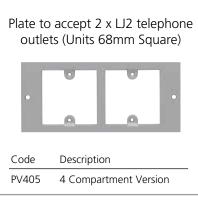


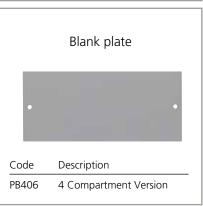


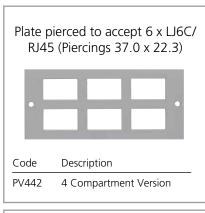




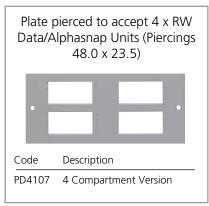


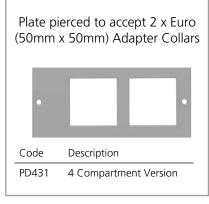












Sockets are available in clean earth versions. All twin sockets have a dual earth facility to enable compliance to BS 7671:2008 Amd 3 Regulation 543.7.1.4. If the accessory plate you require is not included in the most widely used selection as shown, please ring technical sales for further information.

Note. 3 and 4 compartment accessory plates cannot be mixed in boxes.



Code	Description
PP4291	Twin RCD Socket
PCP401	Twin Switched Socket Outlet
PCP402	Twin Unswitched Socket Outlet
PCP403	Triple Unswitched Socket Outlet
PLT98094	Single Unswitched 5A Socket Outlet complete with 5A Fused Protection
PV404	4 No. RJ45 (37.1 x 22.3)
PV405	Plate pierced to accept 2 - LJ2
PB406	Blank Plate
PV442	6 No. RJ45 (37.1 x 22.3)
PDV4301	4 No. Angled RJ45
PD4107	4 No. R W Data RJ45 (47.0 x 23.5)
PD431	2 No. Euro Adaptor collars (50 x 50)
PCP401C	Clean Earth Twin Switched Socket Outlet
PCP402C	Clean Earth Twin Unswitched Socket Outlet
PV4004	4 No. RJ45 in line (37.1 x 22.3)
PX3210	White LJU6C size blank data cover
PD4329	Plate pierced to accept 4 ST Fibre Optic Connectors
PX6804	Euromod snap in double adaptor collar

Floor Box Spares



Floor box Spares

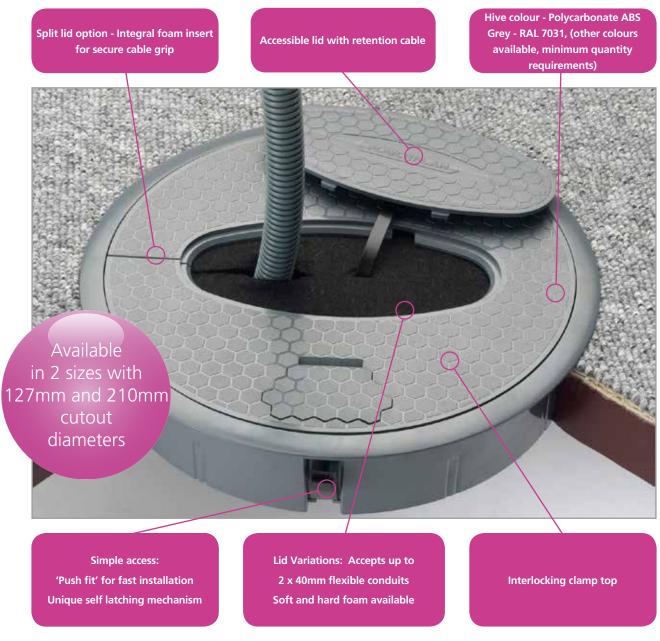
Tiooi box spai	-
Code	Description
Fast Fit Box Spares	(Series 20 and 20A)
PPS2001G	Lid and Trim Assembly
PPS2020/15	15mm Collar Assembly - add to 85mm box to make it 100mm
PPS2020/30	30mm Collar Assembly - add to 85mm box to make it 115mm
PPS2020/45	45mm Collar Assembly - add to 85mm box to make it 130mm
PPS2011G	Cable Outlet Brackets - each
PPB4310	Cable Guides - each
PPB4159	Handle Assembly - each
PPS2030	Hinge Assembly (Pair)
Floor box Spares So	crew Fix (Series 99)
PPS9901G	Lid and Trim Assembly
PPS9002	Mounting Frame (25mm)
PPS9005	Mounting Frame (50mm)
PPS9007	Mounting Frame (70mm)
PPS2011G	Cable Outlet Brackets - each
PPB4310	Cable Guides - each
PPB4159	Handle Assembly - each
PPS2030	Hinge Assembly (Pair)
Screw Fix (Series 90	0)
PPS9011G	Cable Outlet Brackets - each
Screw Fix (Series 93	3)
PPS9301G	Lid and Trim Assembly
PPS9325	Box Base Assembly
PPS9302	Mounting Frame (25mm)
PPS9311G	Cable Outlet Brackets - each
PPB1109	Cable Guides - each
PPB1111S	Handle Assembly - each
PX16003	Handle Assembly - clips
PPS9030	Hinge Assembly (Left and Right Hinges and Screws - Pair)

Conduits

Code	Description
Metal Conduit	
PX4023C	3 Metre x 20mm Metal Conduit c/w Glands
PX4025C	5 Metre x 20mm Metal Conduit c/w Glands
PX4053C	3 Metre x 25mm Metal Conduit c/w Glands
PX4055C	5 Metre x 25mm Metal Conduit c/w Glands



Cable hives are an alternative to floor boxes and slab boxes for taking underfloor power to under desk level. They offer an ideal solution for a fast, simple and unobtrusive installation. Easy to install and relocate if necessary, cable hives are ideal for use with our Conti power module, perfect for any office power requirements.



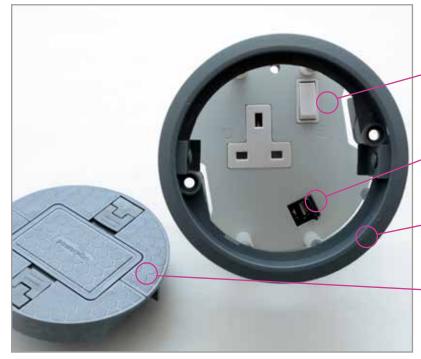
- Installed in less than 5 seconds removed in less than 10 seconds (No tools required for fitting)
- Available in127mm and 210mm (Outside diameter: 140mm and 230mm respectively)
- Quality, reliability and safety come as standard
- Self closing lifting handles

- Manufactured from polycarbonate ABS in standard grey (RAL 7031)
- Fasteners will work on panel thickness of 5mm and upwards
- Panel cut out diameter: 127mm and 210mm

Maximum number of conduits accepted when lid is in place:

Standard Cable Hive (127mm)		Large Cable Hive (210mm)	
PPH261G (Hard Foam)	PPHC261G (Soft Foam)	PPG211G (Hard Foam)	PPGC211G (Soft Foam)
4 x 16mm	8 x 16mm	10 x 16mm	16 x 16mm
3 x 20mm	3 x 20mm	6 x 20mm	9 x 20mm
2 x 25mm	3 x 25mm	3 x 25mm	5 x 25mm
1 x 32mm	2 x 32mm	3 x 32mm	3 x 32mm





Single 13A switched socket

Switched socket available with data keystone

Hive colour - Grey, RAL7031 (other colours available)

Hive live with removable centre section for cable exit



Angled standard RCD cleaners hive

Our angled standard RCD Cleaners Hive has been designed to allow the fitment of moulded 13A plug tops with strain relief without stressing the flex hence its new angled design. Designed to power 230V vacuum cleaners.

Features:

- More robust
- 35mm reduction in overall depth
- Improved user functionality







Standard Cable Hive





Standard Power/Data Hive





Cable Tidy Fixing





Standard Access Hive





Standard Cleaners Hive



Lid	Ĵ	Body	13A Socket	Cleaners Hive Complete
Code	Height	Description		
PPH263G	76mm	Standard Cleane	ers Hive	
PPH263G/SW	105mm	Cleaners Hive (Sv	witched Plastic Moulded So	cket)
PPH263G/5M	120mm	Cleaners Hive (A	ngled 5A Unswitched moul	lded socket)
PPH263NG	76mm	Cleaners Hive (N	on Standard Unswitched So	ocket)
PPH263G/RCD/A	120mm	Angled Standard	RCD Cleaners Hive	

Please note that the cut out size for our standard cable hives is 127mm diameter.



Large Cable Hive





Large Power Hive





Large Data Hive





Large Power and Data Hive





Please note that the cut out size for our large cable hives is 210mm diameter.



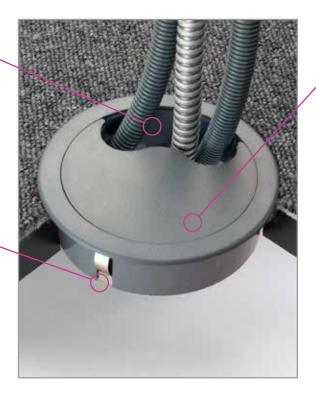
Standard Cable Grommet (127mm)

Accommodates all cable types

Can accommodate all cable types or 3 metal conduits up to a 25mm diameter or 4 x 20mm diameter

Push down - fast fixing

The grommet can simply be secured by pushing down into position



PC/ABS
(Grey as standard)

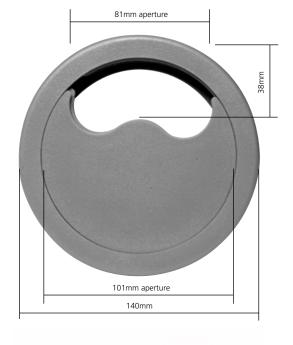
Manufactured from hard wearing durable flame retardant PC/ ABS in Grey as standard (alternative colours available as special order)

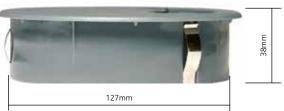
- 'Fast-Fit' installation from floor tile fixing to cable deployment
- Allows simple access for services underfloor to workstations of all kinds
- UL 94 VO Flame class rating
- Integral carpet gripper spikes
- Floor service unit conforms to IEC-61534-22

Maximum number of conduits accepted when lid is in place.

Standard cable grommet (127mm)
PCFG235G
8 x 16mm
4 x 20mm
3 x 25mm
2 x 32mm

Code	Description
PCFG235G	127mm Grommet





Please note that the cut out size for our standard cable grommet is 127mm diameter.

Large Cable Grommet (210mm)

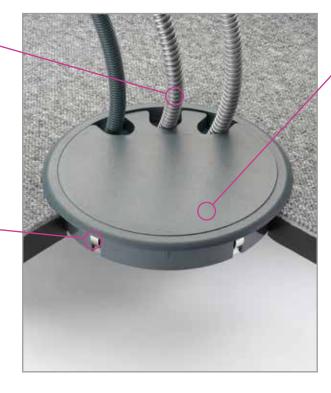


Accommodates all cable types

Can accommodate all cable types or 5 metal conduits up to a 25mm diameter or 8 x 20mm diameter

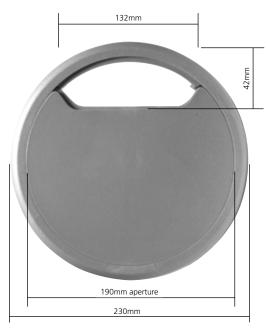
Push down - fast fixing

The grommet can simply be secured by pushing down into position



PC/ABS
(Grey as standard)

Manufactured from hard wearing durable flame retardant PC/ ABS in Grey as standard (alternative colours available as special order)



210mm

- 'Fast-Fit' installation from floor tile fixing to cable deployment
- Allows simple access for services underfloor to workstations of all kinds
- UL 94 VO Flame class rating
- Floor service unit conforms to IEC-61534-22
- Recommended for installation in light traffic areas
- Integral carpet gripper spikes

Maximum number of conduits accepted when lid is in place.

Large cable grommet (210mm)
PCFG238G
12 x 16mm
8 x 20mm
4 x 25mm
3 x 32mm

Code	Description
PCFG238G	210mm Grommet

Please note that the cut out size for our large cable grommet is 210mm diameter.



Black BoxTM

Black Box™ Distribution

A Female Neutrik plug is required to supply power. Please ask for part code PXO2132GR for use with Clean Earth underfloor busbars and tap offs and part code 440713 for use with Standard, Auxiliary Earth and Three Phase underfloor busbars and tap offs.



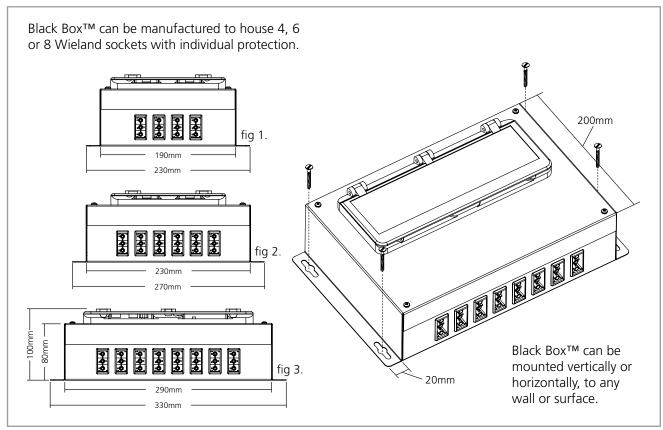
Description

Features:

- Compact aesthetic modular Power Distribution Unit (PDU) for the distribution of power within office furniture installations
- Requires a separate connecting mains supply
- Incoming circuit protection device options by either a 32A RCD (overload protection up stream) or 32A RCBO
- Up to 8 outgoing circuits, individually protected by 6, 10 or 16 amp MCBs, available in 4, 6 or 8 module variations
- Outgoing circuit connected from the PDU by Wieland GST18 connectors in either 3 pole (Standard Earth) or 4 pole (Clean Earth)
- All MCBs are accessible through a clear hinged cover which has the option of being lockable or accessible by the use of a tool only
- Stylish design, ideal for commercial offices, health care and education projects where the PDU may be sited in publicly accessible areas
- Products are CE Marked conforming to the requirements of BS 5733

Code	Description
440713	3 pole 32A Neutrik plug - Black
PDU8RCBO3P/16GST	Power distribution box / 8 x Wieland outputs (Standard Earth) 1 x RCBO / 8 x 16A MCBs
PDU6RCBO3P/16GST	Power distribution box / 6 x Wieland outputs (Standard Earth) 1 x RCBO / 6 x 16A MCBs
PDU4RCBO3P/16GST	Power distribution box / 4 x Wieland outputs (Standard Earth) 1 x RCBO / 4 x 16A MCBs
PDU8RCD3P/16GST	Power distribution box / 8 x Wieland outputs (Standard Earth) 1 x RCD / 8 x 16A MCBs
PDU6RCD3P/16GST	Power distribution box / 6 x Wieland outputs (Standard Earth) 1 x RCD / 6 x 16A MCBs
PDU4RCD3P/16GST	Power distribution box / 4x Wieland outputs (Standard Earth) 1 x RCD / 4 x 16A MCBs
Code	Description
Code PXO2132GR	Description 5 pole 32A Neutrik plug - Grey
	•
PXO2132GR	5 pole 32A Neutrik plug - Grey
PXO2132GR PDU8RCBO4P/16GST	5 pole 32A Neutrik plug - Grey Power distribution box / 8 x Wieland outputs (Clean Earth) 1 x RCBO / 8 x 16A MCBs
PXO2132GR PDU8RCBO4P/16GST PDU6RCBO4P/16GST	5 pole 32A Neutrik plug - Grey Power distribution box / 8 x Wieland outputs (Clean Earth) 1 x RCBO / 8 x 16A MCBs Power distribution box / 6 x Wieland outputs (Clean Earth) 1 x RCBO / 6 x 16A MCBs
PXO2132GR PDU8RCBO4P/16GST PDU6RCBO4P/16GST PDU4RCBO4P/16GST	5 pole 32A Neutrik plug - Grey Power distribution box / 8 x Wieland outputs (Clean Earth) 1 x RCBO / 8 x 16A MCBs Power distribution box / 6 x Wieland outputs (Clean Earth) 1 x RCBO / 6 x 16A MCBs Power distribution box / 4 x Wieland outputs (Clean Earth) 1 x RCBO / 4 x 16A MCBs







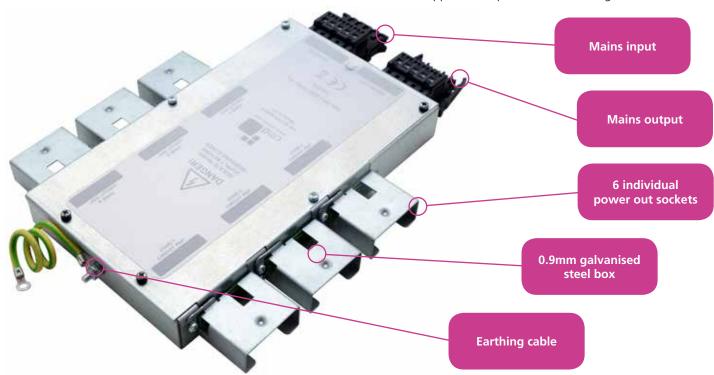
Power Hub

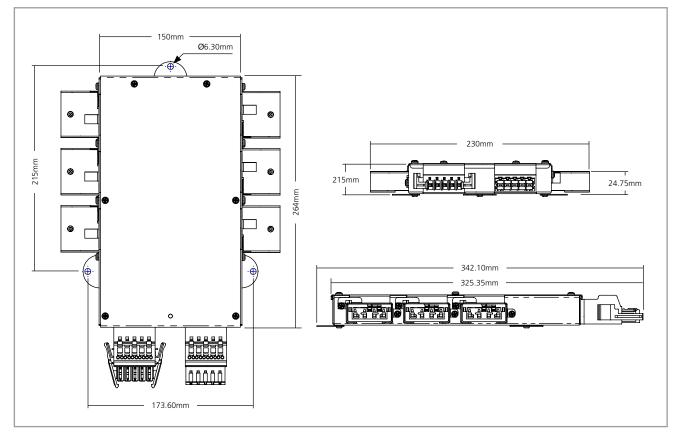
Power Hub

The 32A Power Hub has been designed to provide up to 6 power outputs from a single mains input. This low profile power hub utilises connectors complying with BS EN 61535 and is made from 0.9mm galvanised steel to provide a strong and robust solution and comes complete with 3 retractable fixing brackets.

Features:

- Compact, low profile design
- Requires a separate connecting mains supply
- Mains power input and output to allow multiple Power Hubs to be connected together
- Up to 6 outgoing power sockets
- Supplied with pre-installed Earthing cable

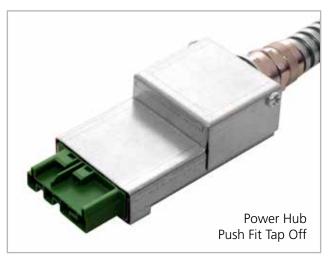




Power Hub







Power Hub

Code	Description
PZB3246MF6	6 Way 32A 4 Pole Power Distribution Hub

Starter Kits

Code	Description
PZBSTARTERF	Female Starter Plug Kit for 20mm SWA. Includes WAGO 32A 5P female Maxi connector, Starter plug shroud and Round lock nut. NB: Not supplied with Banjo Washer or earthing screw and nut
PZBSTARTERM	Male Starter Plug Kit for 20mm SWA Includes WAGO 32A 5P male Maxi connector, Starter plug shroud and Round lock nut.NB: Not supplied with Banjo Washer or earthing screw and nut

Connector Leads

Code	Description
PZLEM536003.0	3m Power Hub Extender Lead. 5 Pole Female to 5 Pole Male Wago Maxi Connectors. Metal Conduit
PZLEM536005.0	5m Power Hub Extender Lead. 5 Pole Female to 5 Pole Male Wago Maxi Connectors. Metal Conduit

Tap Offs (Open Ended)

Code	Description
PZLXW434003.0	3m 32A Unfused Power Hub Tapoff. Wago Winster 4 Pole Plugs. Metal Conduit
PZLXW434005.0	5m 32A Unfused Power Hub Tapoff. Wago Winster 4 Pole Plugs. Metal Conduit

Neutrik Tap Off

Code	Description
PPA9123/K	"5M 32A Unfused Power Hub Tapoff. Wago Winster 4 Pole Plug. Metal Conduit. 32A 3 Pole Pluggable Con- nector. Black Neutrik - NAC3FC-HC

3 Compartment Floor Box with 3m Tap Off

Code	Description
P20385G/HS3U101	1 x Twin 13A Switched Socket
P20385G/HS3U102	1 x Twin 13A Switched RCD Socket
P20385G/HS3U203	2 x Twin 13A Switched Sockets
P20385G/HS3U204	2 x Twin 13A Switched RCD Sockets

3 Compartment Floor Box with 5m Tap Off

Code	Description
P20385G/HS5U105	1 x Twin 13A Switched Socket
P20385G/HS5U106	1 x Twin 13A Switched RCD Socket
P20385G/HS5U207	2 x Twin 13A Switched Sockets
P20385G/HS5U208	2 x Twin 13A Switched RCD Sockets

4 Compartment Floor Box with 3m Tap Off

Code	Description
P20485G/HS3U109	1 x Twin 13A Switched Socket
P20485G/HS3U110	1 x Twin 13A Switched RCD Socket
P20485G/HS3U211	2 x Twin 13A Switched Sockets
P20485G/HS3U212	2 x Twin 13A Switched RCD Sockets

4 Compartment Floor Box with 5m Tap Off

Code	Description
P20485G/HS5U113	1 x Twin 13A Switched Socket
P20485G/HS5U114	1 x Twin 13A Switched RCD Socket
P20485G/HS5U215	2 x Twin 13A Switched Sockets
P20485G/HS5U216	2 x Twin 13A Switched RCD Sockets

Rotasoc Feed Unit

Code	Description
RABX2069	Rotasoc 32A In Feed module. 1 x PZLXW434005.0. 5M 3C 4mm cables fitted with a 4P Wago Winsta Connector















ANTICIPATING THE FUTURE

The Audacy® Wireless Controls system focuses on efficiency in all its forms. Faster and easier to install, you save time and costs associated with build-out and renovation. Our streamlined wireless system allows you to better control your powered environment while advanced smart components minimise energy and lighting costs over time.

CONTROL EVERYTHING. SWEAT NOTHING.

The Audacy Interface is the brains of your operation. Uncomplicated and easy to program or adjust over time, it allows you to schedule power to your lighting systems or to affect change in real time.

Leading the competition, the Audacy Wireless Controls system brings together technologies that anticipate your future.

GET AHEAD OF YOUR GOALS.

In short, the Audacy Wireless Controls system delivers eco-friendly technologies that save you money - on the road to fulfilling the biggest priorities of your business and every business.



MORE MANAGED. LESS MANAGEMENT.

The online Audacy Interface is where it all begins and ends. Customisable and proprietary to your operation, it is easy to configure and adjust and is accessible using the browser based online portal or a free downloadable Apple® App.

Intuitively organised around a framework of basic categories and simple inputs, the Audacy Interface enables management of every component installed as part of your overall system. Together, these components ensure 24/7 custom control of your environment.

Upload all your devices to the Audacy Interface via the mobile app during installation, and instantly begin creating schedules and establishing settings for your system. The Audacy Interface enables you to set preferences and achieve the desired lighting throughout your facility.

SIMPLIFY YOUR LIGHTING

The new Audacy Wireless Controls system by CMD Ltd gives you more control over your lighting environment while saving up to 50% on your corporate lighting costs. Crafted at the intersection of simple and innovative, the Audacy system reimagines wireless lighting control and represents the streamlined future state of lighting technology for commercial, industrial, education, retail, healthcare, entertainment and other uses.

The Audacy system's online Interface is the brains of your operation. Uncomplicated and easy to set-up, our intuitive Interface allows you to configure and schedule lighting in your space. You define the rooms that need control depending on the time of day. You control all of your system's hardware.

Allowing compliance with 'BS EN15193 Energy performance of buildings - requirement for lighting' and 'Building Regulations: Approved documents L2A and L2B (England and Wales)', our lighting system answers the call for more fiscal and ecological responsibility. The Audacy system's proprietary electronics are engineered to provide up to 25 years of maintenance-free life. Every Audacy component is designed for easier system modification over time, ensuring next-generation utility.

CONFIGURE YOUR SYSTEM



Maximise vour employees'

your employees' comings and goings by minimising energy use in empty rooms.

Schedule

lights on or off based on your designated work hours.

Or use your system to dim or brighten any room or room group remotely at any time.

USER CONTROLLED

Let your employees manage their own light levels by assigning specific levels of user control to individual employees. Or, use any Audacy Switch to override any light setting while using a specific room.

MANAGED REPORTS

Your online Audacy Interface provides an immediate and more robust understanding of your lighting costs and allows you to forecast more effectively.

FIND OUT MORE

Compared to other competitive wired solutions, installation for an Audacy Wireless Controls system can take up to 85% less time.

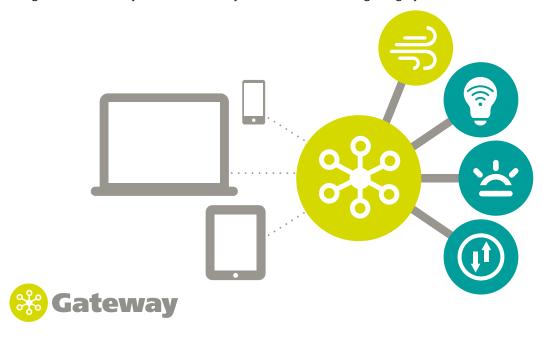
lighting



PRODUCT LINE-UP

The entire Audacy® Wireless Controls system is sleek – with every component boasting unparalleled function and flexibility.

Audacy offers a comprehensive and customisable lineup of easily-installed wireless lighting components - for greater efficiency and control of your entire wireless lighting system.



The primary control device; each Gateway coordinates fixtures and sensor components, in the manner that they were grouped together, and provides 24/7 communication with your Audacy Interface. Each Gateway is the "controller" for all of your program inputs.



Easily installed modules that can turn on, turn off, or provide 0-10V dimming. Available as an attachment to the luminaire enclosure. Audacy® is also available with DALI Broadcast for installation where IEC 62386 and IEC 60929 are specified.



Remote, Wall-Mount switches have touch panel and can wirelessly dim or turn lights on and off.



Reliably adjusts brightness to harvest maximum daylight without wiring.



Ceiling and Wall-Mount devices that require no wiring and sense occupancy and/or vacancy. Motion sensors communicate with each Gateway to "alert" occupancy status, ultimately signaling Luminaire controllers to turn off devices.

SYSTEM SETUP - INSTALLED IN 4 EASY STEPS

Setup Infrastructure



Gateway

First, connect a Gateway to the Audacy Interface. Then, install Luminaire Controllers into existing fixtures. Add wireless switches and sensors. You are now ready to manage and control your lighting environment.

2 Connect Lights



Luminaire Controllers

Connecting lights and light groupings is fast and cost-effective with Audacy Luminaire Controllers – streamlined plug-and-play modules that quickly tie every fixture into your system. On average, a Luminaire Controller can be installed in less than 3 minutes.

3 Add Devices



Switches and Controllers

With electronics engineered for maintenancefree operation, switches and sensors are easy to install almost anywhere.

4 Configure and Control



User Interface

Schedule and set your light preferences with superior ease via the Audacy system's simple online Interface. With Audacy, you're at the helm of the most intuitive wireless controls system available.







59-GW1100-ETHUK

Each Gateway is the primary processing hub of the Audacy® Wireless Controls system, providing 24/7 backand-forth communication between your Audacy Interface and on-site lighting environments.

How It Works

Hardwired and mounted to any wall, the Gateway wirelessly relays scheduled and real time lighting inputs – as established via your Audacy Interface – to any light fixture equipped with an Audacy Luminaire Controller.

As You Command

In this way, the Gateway communicates with up to 250 system-enabled fixtures to ensure selected lights turn on, turn off or dim where and when you desire.

Know More, Spend Less

Likewise, each Gateway device wirelessly receives and prioritises inputs from onsite sensors, switches and mobile interfaces. Information such as sensor data, fixture status, user overrides and energy usage is then relayed back to your Audacy Interface where it is available for your periodic review.

The Audacy Gateway allows you to easily understand, via the online Interface, evolving light usage patterns. From there, it's easy to adjust and maximise your system and your energy efficiency over time.





The 59-GW1100-ETHUK Wireless Gateway by CMD Ltd is an electronic communications device which acts as the central processing "hub" of the Audacy system. The 59-GW1100-ETHUK wirelessly receives and prioritises inputs from sensors, switches and/or the Audacy Interface (e.g., website or app). It then communicates wirelessly with each Luminaire Controller to turn on, turn off or dim light fixtures. The 59-GW1100-ETHUK can also pass information such as light fixture status, sensor data, and energy usage to the Audacy Interface.

Specification

Item	Description
Radio Frequency Range	915.9 - 917.3 MHz, Dual External Antennas
Wireless Protocol	Proprietary based on IEEE 802.15.4
Encryption	Proprietary based on AES encryption
Regulatory Approvals	ETSI EN 300 220-2 v3.1.1* and ETSI EN 300 220-1 v3.1.1*; EN 55015:2013+A1:2015, EN 61547:2009 and ETSI EN 301 489-3 v2.1.0* (ETSI EN 301 489-1 v2.1.1) - (See Annex A for further details)
Rated RF Power Output (W)	<11 dBm short duration, utilising both frequency hopping and direct sequence spread spectrum
Transmit Range	91.4m indoors to an Audacy Luminaire Controller in a typical commercial building; extended range when repeater mode enabled
Repeater Mode	Enabled via Audacy Interface or Gateway
Input Voltage	24V AC/DC, removable terminal block
Configuration/Network Port	Ethernet
Operating Temperature	10°C to 32°C
Storage Temperature	-20°C to 50°C
Installation Environment	Indoor use only
Mounting	2 mounting holes—vertical (wall-mount) or horizontal
Colour	Black
Dimensions	215.9mm x 134.6mm x 45.7mm, excluding antennas
Weight	459g
Warranty	5 year
LVD Compliance	BS EN 60950-1 / IEC 60950-1
EMC Compliance	BS EN 55015, BS EN 61547 & ETSI EN 301 489-3 V2.1.0 (ETSI EN 301 489-1 V2.1.1)
Radio Compliance	ETSI EN 300 220-2 v3.1.1* and ETSI EN 300 220-1 v3.1.1

Code	Description
59-GW1100-ETHUK	Standalone (i.e., no BAS)







59-SCD1000-EMUK

This rugged, wireless module is a primary component of the Audacy® Wireless Controls system. These easily-installed devices can turn on, turn off, or provide 0-10V dimming.

How It Works

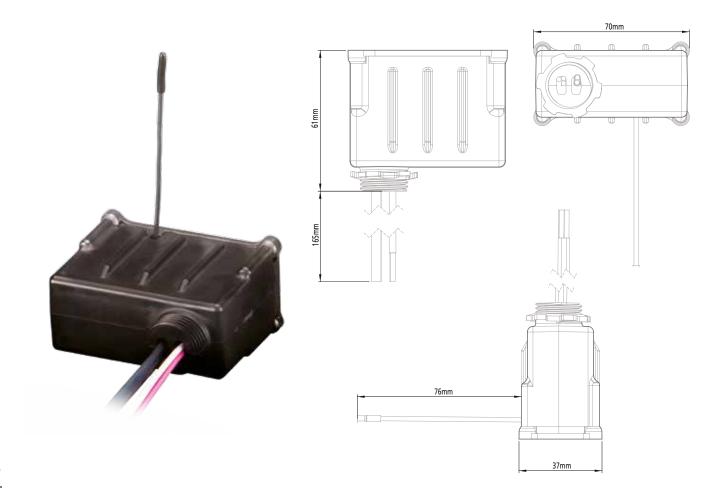
AC-powered Audacy Luminaire Controllers operate in the highly reliable 915 MHz spectrum. Each Luminaire Controller has conveniently wired terminations for quick and easy installation.

Because Time Is Money

Your electrical installer mounts this Luminaire Controller to a junction box or luminaire body through a knockout, and the wiring is done inside the box. A typical wired system is vastly more labour intensive and costly to install.

The Audacy Luminaire Controllers get your system up and operational faster and can be modified over time with incredible ease. Luminaire Controllers transmit 50 metres to the Gateway and with the repeater mode enabled, the range is extended even farther.

Audacy® is also available with DALI Broadcast for installation where IEC 62386 and IEC 60929 are specified.





The 59-SCD1000-EMUK external-mounted Luminaire Controller by CMD Ltd is an AC-powered, wireless lighting control device that is part of the Audacy Wireless Controls system. Operating in the highly reliable 915 MHz spectrum, the 59-SCD1000-EMUK is a module that can turn on, turn off or provide a 0-10V dimming signal to an electronic dimming ballast or LED driver. 59-SCD1000-EMUK quickly and easily installs using a knock-out on a junction box or fixture and provides the ability to control individual fixtures or groups of fixtures if desired.

Specification

Item	Description
Radio Frequency Range	915.9 - 917.3 MHz, Integrated Wire Antenna
Wireless Protocol	Proprietary based on IEEE 802.15.4
Encryption	Proprietary based on AES encryption
Regulatory Approvals	ETSI EN 300 220-2 v3.1.1* and ETSI EN 300 220-1 v3.1.1*; EN 55015:2013+A1:2015, EN 61547:2009 and ETSI EN 301 489-3 v2.1.0* (ETSI EN 301 489-1 v2.1.1) - (See Annex A for further details)
Rated RF Power Output (W)	18 dBm short duration, utilising both frequency hopping and direct sequence spread spectrum
Transmit Range	91.4m indoors to an Audacy Gateway or Luminaire Controller in a typical commercial building; extended range when repeater mode enabled
Dimming Protocol	0-10V (linear dimming profile, meets IEC60929 Annex E)
Input Voltage	240V AC
Rated Current	6A
Rated Load Wattage	1440W
Operating Temperature	10°C to 70°C
Installation Environment	Indoor use only
Mounting	Directly to junction box or fixture via 12.7mm knockout
Dimming Wire Placement	Within nipple for internal connection (linear dimming profile)
Colour	Black
Dimensions	69.6mm x 61.5mm x 106.7mm, antenna fully extended
Weight	130.4g
Warranty	5 year
LVD Compliance	BS EN 60669-2-1
EMC Compliance	BS EN 55015, BS EN 61547 & ETSI EN 301 489-3 V2.1.0 (ETSI EN 301 489-1 V2.1.1)
Radio Compliance	ETSI EN 300 220-2 v3.1.1* and ETSI EN 300 220-1 v3.1.1

Code	Description
59-SCD1000-EMUK	Luminaire Controller, External-Mount







59-SS1200UK

Using our exclusive maintenance-free technology, the Audacy® Remote Switch wirelessly controls light fixtures equipped with Audacy Luminaire Controllers, providing onsite control of your system-enabled light fixtures or groupings.

Simplicity Is the Rule

The Audacy Remote Switch is wireless and simple to install anywhere or use as a handheld switch for remote convenience. The innovative, capacitive touch panel will adjust to your desired setting at the touch of a finger. The Audacy Remote Switch operates in the highly reliable 915 MHz spectrum.

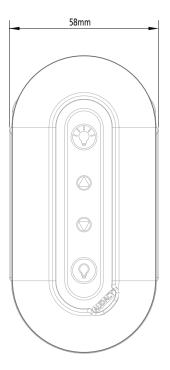
Adaptability at Your Fingertips

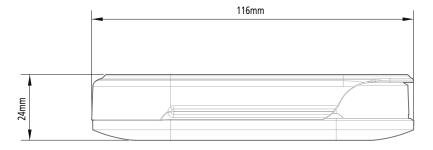
Used in conjunction with the Audacy Wireless Controls system, the Remote Switch permits onsite employees to customize their lighting environments by overriding the master inputs of your Audacy Interface. The Remote Switch turns lights on or off and enables 0-10V dimming.

Because Time Is Money

As with all Audacy Wireless Controls system components, the Audacy Remote Switch vastly reduces installation time and costs versus a typical wired system alternative. And you have the flexibility to place it anywhere you choose because there are no wires to run.







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The 59-SS1200UK Remote Switch by CMD Ltd is a battery-powered, wireless light switch that is part of the Audacy Wireless Controls system. Operating in the highly reliable 915 MHz spectrum, the 59-SS1200UK requires no wiring, has a 25-year battery life, and wirelessly sends commands to control light fixtures equipped with Audacy Luminaire Controllers. Since it is not hard-wired, the 59-SS1200UK can be mounted or placed virtually anywhere a switch is desired.

Specification

Item	Description
Radio Frequency Range	915.9 - 917.3 MHz, Internal Antenna
Wireless Protocol	Proprietary based on IEEE 802.15.4
Encryption	Proprietary based on AES encryption
Regulatory Approvals	ETSI EN 300 220-2 v3.1.1* and ETSI EN 300 220-1 v3.1.1*; EN 55015:2013+A1:2015, EN 61547:2009 and ETSI EN 301 489-3 v2.1.0* (ETSI EN 301 489-1 v2.1.1) - (See Annex A for further details)
Rated RF Power Output (W)	2 dBm short duration, utilising both frequency hopping and direct sequence spread spectrum
Transmit Range	30.5m indoors to an Audacy Gateway or Luminaire Controller in a typical commercial building; extended range when repeater mode enabled
Power	25+ year Li battery, non-replaceable
Operating Temperature	10°C to 32°C
Installation Environment	Indoor use only
Mounting	2 bracket mounting holes (See mechanical drawing for dimensions)
Colour	White
Dimensions	115.82mm x 58.17mm x 24.13mm
Weight	85g
Warranty	5 year
LVD Compliance	BS EN 60950-1 / IEC 60950-1
EMC Compliance	BS EN 55015, BS EN 61547 & ETSI EN 301 489-3 V2.1.0 (ETSI EN 301 489-1 V2.1.1)
Radio Compliance	ETSI EN 300 220-2 v3.1.1* and ETSI EN 300 220-1 v3.1.1

Code	Description
59-SS1200UK	Audacy Remote Switch







59-WMS1202UK - ON/OFF DIM SWITCH 59-WSS1202UK - SCENE SWITCH

Replacing a hard-wired light switch, the Audacy® Wall-Mount Switch controls light fixtures equipped with Audacy Luminaire Controllers, providing onsite control of your system-enabled light fixtures or groupings.

Simplicity Is the Rule

Simple to install the Audacy Wall-Mount Switch operates in the highly reliable 915 MHz spectrum.

Adaptability at Your Fingertips

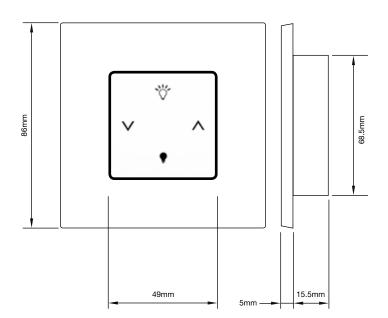
Used in conjunction with the Audacy Wireless Controls system, the Wall-Mount Switch permits onsite employees to customize their lighting environments by overriding the master inputs of your Audacy Interface.

Because Time Is Money

As with all Audacy Wireless Controls system components, the Audacy Wall-Mount Switch vastly reduces installation time and costs versus a typical wired system alternative. And you have the flexibility to place it anywhere you choose because there are no wires to run.







The 59-WMS1202UK and 59-WSS1202UK Wall-Mount Switches by CMD Ltd are a battery powered, wireless light switches that are part of the Audacy® Wireless Controls system. Operating in the highly reliable 915 MHz spectrum, the 59-WMS1202UK and 59-WSS1202UK are wall-mounted switches that fit into a decorator-style faceplate and can be used to replace an existing switch. They require no wiring, has a 25-year battery life and wirelessly sends commands to control light fixtures equipped with Audacy Luminaire Controllers.

Specification

Item	Description
Radio Frequency Range	915.9 - 917.3 MHz, Internal Antenna
Wireless Protocol	Proprietary based on IEEE 802.15.4
Encryption	Proprietary based on AES encryption
Regulatory Approvals	ETSI EN 300 220-2 v3.1.1* and ETSI EN 300 220-1 v3.1.1*; EN 55015:2013+A1:2015, EN 61547:2009 and ETSI EN 301 489-3 v2.1.0* (ETSI EN 301 489-1 v2.1.1) - (See Annex A for further details)
Rated RF Power Output (W)	2 dBm short duration, utilising both frequency hopping and direct sequence spread spectrum
Transmit Range	30.5m indoors to an Audacy Gateway or Luminaire Controller in a typical commercial building; extended range when repeater mode enabled
Power	25+ year Li battery, non-replaceable
Operating Temperature	10°C to 32°C
Installation Environment	Indoor use only
Mounting	In switch box
Colour	White
Dimensions	86mm x 86mm x 20.5mm
Weight	85g
Warranty	5 year
LVD Compliance	BS EN 60950-1 / IEC 60950-1
EMC Compliance	BS EN 55015, BS EN 61547 & ETSI EN 301 489-3 V2.1.0 (ETSI EN 301 489-1 V2.1.1)
Radio Compliance	ETSI EN 300 220-2 v3.1.1* and ETSI EN 300 220-1 v3.1.1

Code	Description
59-WMS1202UK	Audacy® Wall-Mount On/Off Dim Switch
59-WSS1202UK	Audacy® Wall-Mount Scene Switch



lighting

Lighting Control





59-LSC1400UK

Using our exclusive maintenance-free technology, the Audacy® Light Sensors wirelessly adjusts brightness to harvest maximum daylight.

How It Works

Put simply, the Audacy Light Sensors detect ambient light in a designated space and send measurements to your Audacy Wireless Gateway.

EVERYTHING's Under control

Your inputs to the Audacy Interface inform a system that determines which groups of light fixtures – equipped with Audacy Luminaire Controllers – dim or brighten based on ambient light throughout the day.

Simplicity is the rule

Wireless and simple to install almost anywhere, Audacy Light Sensors operate in the highly reliable 915 MHz spectrum. Light Sensors easily help facilitate compliance with the newest requirements.

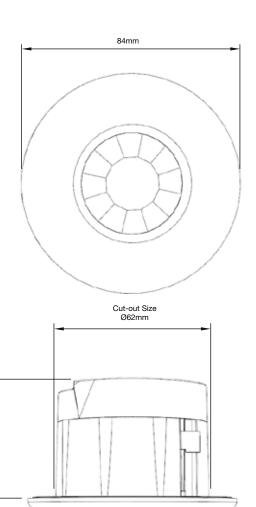
Because Time Is Money

As with all Audacy Wireless Controls system components, the Audacy Light Sensors vastly reduce installation time and costs versus a typical wired system alternative. You even have the flexibility to place it anywhere you choose, because there are no wires to run.

44mm

5.5mm







The 59-LSC1400UK Light Sensor by CMD Ltd is a battery-powered, wireless light sensor that is part of the Audacy® Wireless Controls system. The 59-LSC1400UK is used to detect ambient light in a space, providing daylight harvesting capabilities. Operating in the highly reliable 915 MHz spectrum, the 59-LSC1400UK requires no wiring, has a 25-year battery life, and wirelessly sends ambient light measurements to the Audacy Wireless Gateway for closed-loop daylight harvesting operation. Since it is not hard-wired, the 59-LSC1400UK can be mounted virtually anywhere a light sensor is desired.

Specification

Item	Description
Radio Frequency Range	915.9 - 917.3 MHz, Internal Antenna
Wireless Protocol	Proprietary based on IEEE 802.15.4
Encryption	Proprietary based on AES encryption
Regulatory Approvals	ETSI EN 300 220-2 v3.1.1* and ETSI EN 300 220-1 v3.1.1*; EN 55015:2013+A1:2015, EN 61547:2009 and ETSI EN 301 489-3 v2.1.0* (ETSI EN 301 489-1 v2.1.1) - (See Annex A for further details)
Rated RF Power Output (W)	2 dBm short duration, utilising both frequency hopping and direct sequence spread spectrum
Transmit Range	30.5m indoors to Audacy Gateway or Luminaire Controller in typical commercial office building; extended range when repeater mode enabled
Power	25+ year Li battery, non-replaceable
Operating Temperature	10°C to 32°C
Light Level	0—2500 lux (0—232 fc)
Installation Environment	Indoor use only
Mounting	2 bracket mounting holes (See mechanical drawing for dimensions)
Colour	White
Dimensions	115.82mm x 58.17mm x 28.45mm
Weight	85g
Warranty	5 year
LVD Compliance	BS EN 61010-1 / IEC 61010-1
EMC Compliance	BS EN 55015, BS EN 61547 & ETSI EN 301 489-3 V2.1.0 (ETSI EN 301 489-1 V2.1.1)
Radio Compliance	ETSI EN 300 220-2 v3.1.1* and ETSI EN 300 220-1 v3.1.1

Code	Description
59-LSC1400UK	Audacy [®] Light Sensor







59-VSW1300UK

Using our exclusive maintenance-free technology, the Audacy® Motion Sensors wirelessly detect occupancy and/or vacancy to adjust lighting based on preferences programmed into your Audacy Interface.

How It Works

The Audacy Wall-Mount Motion Sensors detect movement via sensitive infrared technology and then relay commands – based on intervals of absence or activity – to system-enabled fixtures.

Operating in the highly reliable 915 MHz spectrum, the Wall-Mount versions of the Audacy Motion Sensors requires no wiring and can be placed anywhere.

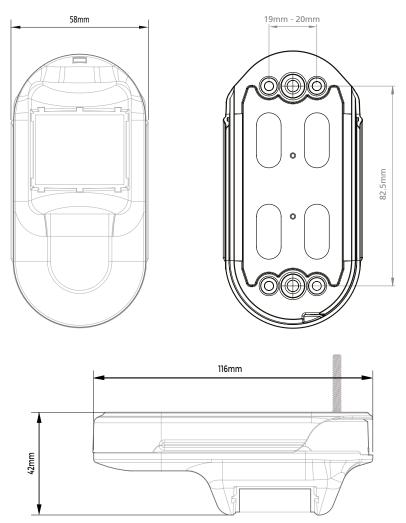
People Move. Light Should Too.

Your inputs to the Audacy Interface inform the system that determines which groups of light fixtures – equipped with Audacy Luminaire Controllers – can turn off/on, dim or brighten based on employee migration throughout the day.

Because Time Is Money

As with all Audacy Wireless Controls system components, Audacy Wall-Mount Motion Sensors vastly reduce installation time and costs versus typical wired system alternatives. And you have absolute flexibility in placement because there are no wires to run.







The 59-VSW1300UK Wall-Mount Motion Sensor by CMD Ltd is a battery-powered, wall-mounted, passive infrared motion sensor that is part of the Audacy® Wireless Controls system. It can be used to detect occupancy and/or vacancy, and turn on, turn off or dim lights based on preferences. Operating in the highly reliable 915 MHz spectrum, the 59-VSW1300UK requires no wiring, has a 25-year battery life, and wirelessly sends commands to control light fixtures equipped with Audacy Luminaire Controllers. Since it is not hard-wired, the 59-VSW1300UK can be mounted virtually anywhere a motion sensor is desired, for convenience or coverage.

Specification

Item	Description
Radio Frequency Range	915.9 - 917.3 MHz, Internal Antenna
Wireless Protocol	Proprietary based on IEEE 802.15.4
Encryption	Proprietary based on AES encryption
Regulatory Approvals	ETSI EN 300 220-2 v3.1.1* and ETSI EN 300 220-1 v3.1.1*; EN 55015:2013+A1:2015, EN 61547:2009 and ETSI EN 301 489-3 v2.1.0* (ETSI EN 301 489-1 v2.1.1) - (See Annex A for further details)
Rated RF Power Output (W)	2 dBm short duration, utilising both frequency hopping and direct sequence spread spectrum
Transmit Range	30.5m indoors to an Audacy Gateway or Luminaire Controller in a typical commercial building; extended range when repeater mode enabled
Power	25+ year Li battery, non-replaceable
Operating Temperature	10°C to 32°C
Sensor Technology	Passive Infrared
Installation Environment	Indoor use only
Mounting	2 bracket mounting holes (See mechanical drawing for dimensions)
Colour	White
Dimensions	115.82mm x 58.17mm x 24.42mm
Weight	85g
Warranty	5 year
LVD Compliance	BS EN 61010-1 / IEC 61010-1
EMC Compliance	BS EN 55015, BS EN 61547 & ETSI EN 301 489-3 V2.1.0 (ETSI EN 301 489-1 V2.1.1)
Radio Compliance	ETSI EN 300 220-2 v3.1.1* and ETSI EN 300 220-1 v3.1.1

Code	Description 59-VSW1300UK
59-VSW1300UK	Audacy® Wall-Mount Motion Sensor







59-VSC1303UK

Using our exclusive maintenance-free technology, the Audacy® Motion Sensors wirelessly detect occupancy and/or vacancy to adjust lighting based on preferences programmed into your Audacy Interface.

How It Works

The Audacy Ceiling-Mount Motion Sensors detect movement via sensitive infrared technology and then relay commands – based on intervals of absence or activity – to system-enabled fixtures.

Operating in the highly reliable 915 MHz spectrum, the Ceiling-Mount versions of the Audacy Motion Sensors require no wiring and can be placed anywhere.

People Move. Light Should Too.

Your inputs to the Audacy Interface inform the system that determines which groups of light fixtures equipped with Audacy Luminaire Controllers – can turn off/on, dim or brighten based on employee migration throughout the day.

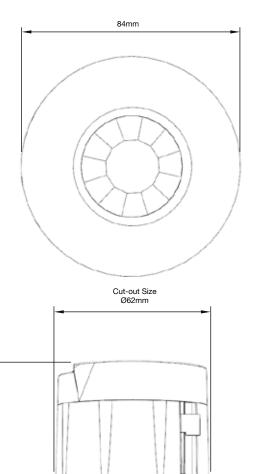
Because Time Is Money

As with all Audacy Wireless Controls system components, Audacy Ceiling Mount Motion Sensors vastly reduce installation time and costs versus typical wired system alternatives. And you have absolute flexibility in placement because there are no wires to run.

44mm

5.5mm









The 59-VSC1303UK Ceiling-Mount Motion Sensor by CMD Ltd is a battery-powered, passive infrared motion sensor that is part of the Audacy® Wireless Controls system. It can be used to detect occupancy and/or vacancy, and turn on, turn off or dim lights based on preferences. Operating in the highly reliable 915 MHz spectrum, the 59-VSC1303UK requires no wiring, has a 25-year battery life, and wirelessly sends commands to control light fixtures equipped with Audacy Luminaire Controllers. Since it is not hard-wired, the 59-VSC1303UK can be mounted virtually anywhere a motion sensor is desired, for convenience or coverage.

Specification

Item	Description
Radio Frequency Range	915.9 - 917.3 MHz, Internal Antenna
Wireless Protocol	Proprietary based on IEEE 802.15.4
Encryption	Proprietary based on AES encryption
Regulatory Approvals	ETSI EN 300 220-2 v3.1.1* and ETSI EN 300 220-1 v3.1.1*; EN 55015:2013+A1:2015, EN 61547:2009 and ETSI EN 301 489-3 v2.1.0* (ETSI EN 301 489-1 v2.1.1) - (See Annex A for further details)
Rated RF Power Output (W)	2 dBm short duration, utilising both frequency hopping and direct sequence spread spectrum
Transmit Range	30.5m indoors to an Audacy Gateway or Luminaire Controller in a typical commercial building; extended range when repeater mode enabled
Coverage Area	46.5 m ²
Power	25+ year Li battery, non-replaceable
Operating Temperature	10°C to 32°C
Sensor Technology	Passive Infrared
Installation Environment	Indoor use only
Mounting	2 bracket mounting holes (See mechanical drawing for dimensions)
Colour	White
Dimensions	115.82mm x 58.17mm x 24.13mm
Weight	85g
Warranty	5 year
LVD Compliance	BS EN 61010-1 / IEC 61010-1
EMC Compliance	BS EN 55015, BS EN 61547 & ETSI EN 301 489-3 V2.1.0 (ETSI EN 301 489-1 V2.1.1)
Radio Compliance	ETSI EN 300 220-2 v3.1.1* and ETSI EN 300 220-1 v3.1.1

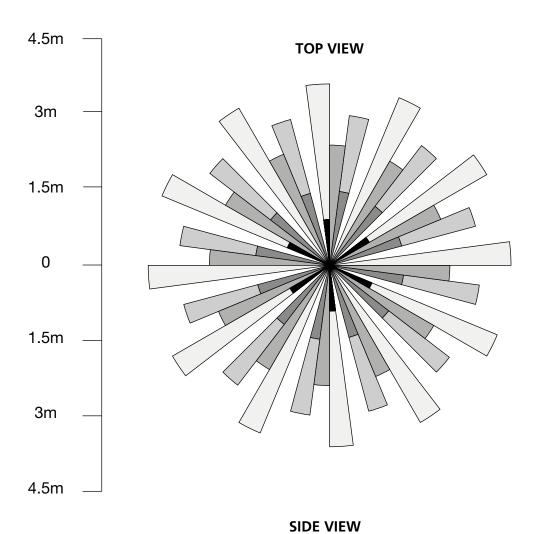
Code	Description
59-VSC1303UK	Audacy® Ceiling-Mount Motion Sensor

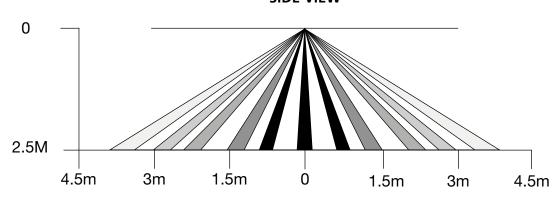




Ceiling-Mount Motion Sensor

COVERAGE PATTERN

























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