2019 Product Catalogue

Connecting Power, People and Organisations

Contents

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**

solutions 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**

modules 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**

management energy

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**

distribution 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**

control lighting

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. **119**

Contents

Content	2	Bespoke Solutions	8		
Introduction	4				
Product Range	6				
Reach	10	Rainbow	21	Ergonomic Accessories	28
Cygnus	12	Spiral	22		
Vision S and Vision^{HD}	14	Tidy	23		
Active	18	Cableway	24		
Enclose	20	Fusion	25		
Spin	20	Premium	26		
Snug	21	Desk Grommets	27		
Electrical Safety	30	Harmony	42	Face	58
Build It Your Way	31	Chip	44	Elite	60
Socket Options	32	Inca	46	Conti	62
Capsule	34	PortHole	48	Rotasoc	64
Linear	36	Reveal	52	Power Accessories	71
Contour Plastic	38	Affinity	54		
Contour Metal	40	Surface	56		
Footprint	74				
Betatrak	82	Cable Hives	109		
Tap Offs	86	Grommets	113		
Floor Boxes	91	Black Box	115		
Screed Floor Box	98	Power Hub	117		
Slab Boxes	100				
Compartment Plates	104				
Floor Boxes Spares	108				
Audacy®	120	Ceiling-Mount Motion Sensor	136		
Gateway	124				
Luminaire Controller	126				
Remote Switch	128				
Wall-Mount Switches	130				
Light Sensor	132				
Wall-Mount Motion Sensor	134				

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

Introduction

Since its formation in 1984, CMD has consistently transformed the way we integrate power and technology with furniture in the commercial workplace.

As a true manufacturer, with a strong emphasis on quality, service and innovation, we pride ourselves on offering a full range of power distribution and connectivity from below the floor, through to the furniture and above the ceiling in the commercial office environment.

We are inspired every day by the genuine belief that we can supply a range of products that will change your environment for the better - Connecting Power, People and Organisations.

Over the last 5 years, CMD has doubled in size and 2019 sees the launch of several exciting new products that will further support and drive our continued growth.

Audacy wireless lighting control, our Capsule on desk module and new additions to our Reach monitor arm range are just a few of the new product initiatives that we're excited to bring to the market.

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

Product Range

AUDACY® Wireless Switches

AUDACY® Luminaire Controllers

AUDACY® Gateway

AUDACY® Light and Motion Sensors

On Desk Power Modules

Under Desk Power Modules

Power Distribution

Access Power

Monitor Arms

In Desk
Power Modules

Energy
Management

CPU Supports

Cable
Management

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
- 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.

Ergo Solutions

Monitor Arms | CPU Supports | Cable Management

Monitor Arms

Reach

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, Top Fixing and Split C clamps, 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 to 5kgs and 3kgs to 8kgs, which covers most popular brands.

ergo solutions

Paddle release system

Quick release VESA compliant
75mm and 100mm

Integrated cable management

Integrated cable management

C clamp, through desk and grommet fixing kits included

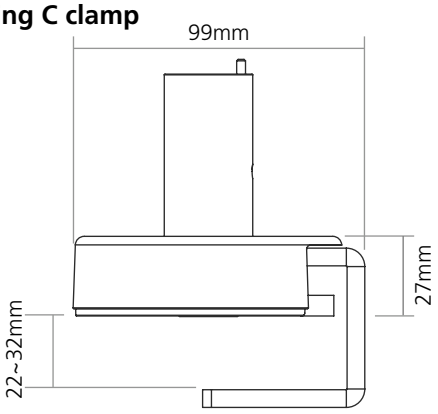
Features

- An integral spring counterbalances the weight of the screen allowing fingertip adjustment to the desired working position
- Each arm support monitors between 2kgs to 5kgs and 3kg to 8kgs
- The arm can fold flat into 80mm of space
- Quick release VESA with industry standard 75mm / 100mm VESA mounting plate for attachment of monitors
- The arm features an integral cable management system
- Includes Top Fixing and Split C clamps, through desk and grommet fixing kits designed to fit a range of desk thicknesses

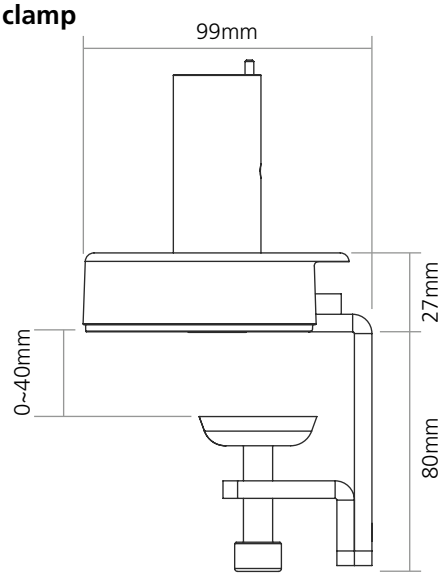
Monitor Arms

solutions ergo

Top Fixing C clamp



Split C clamp



Code	Colour	Description
68C001	Silver	Single Spring Arm Silver Matt - (2kgs to 5kgs Monitor)
68C002	Black	Single Spring Arm Black Matt - (2kgs to 5kgs Monitor)
68C003	White	Single Spring Arm White Matt - (2kgs to 5kgs Monitor)
68C017	Silver	Reach HD Spring Assisted Arm - (3kgs to 8kgs Monitor)
68C018	Black	Reach HD Spring Assisted Arm - (3kgs to 8kgs Monitor)
68C019	White	Reach HD Spring Assisted Arm - (3kgs to 8kgs Monitor)
68C004	Silver	Double Spring Arm Silver Matt - (2x 2kgs to 5kgs Monitor)
68C005	Black	Double Spring Arm Black Matt - (2x 2kgs to 5kgs Monitor)
68C006	White	Double Spring Arm White Matt - (2x 2kgs to 5kgs Monitor)
68C007	Silver	Double C clamp Silver Matt
68C008	Black	Double C clamp Black Matt
68C009	White	Double C clamp White Matt

Silver

Black

White

Double Arm

ergo solutions

Cygnus and Razor Mount

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 and comes complete with quick release VESA, C clamp, through desk and grommet hole fixing kits.

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

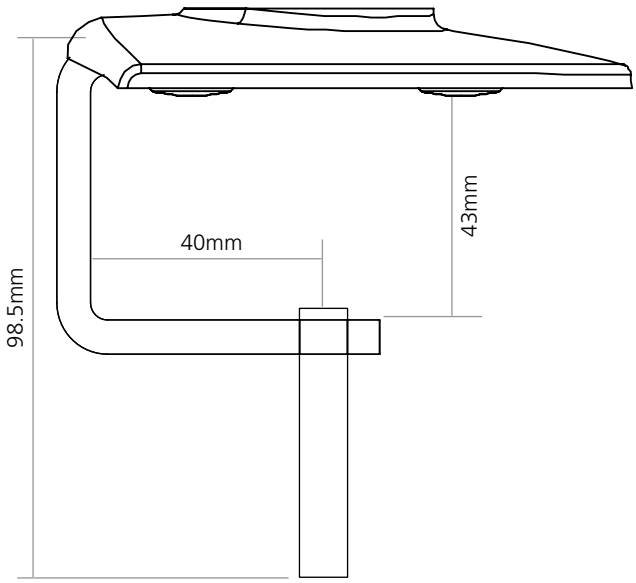
MADE IN SHEFFIELD

Features

- An integral gas strut counterbalances the weight of the screens allowing fingertip adjustment to the desired working position
- The dual-position forearm can be set at 15° or 45° positions to extend the operational range of the arm giving a maximum height of 523mm and a maximum reach of 476mm to the centre of the VESA plate
- The arm can fold flat into 80mm of space
- The quick release mechanism, with a locking feature, allows the Razor Mount to be fitted and removed without having to remove the monitors.
- The Razor mount has an industry standard 75mm and 100mm VESA mounting rail to support a range of monitor sizes
- The arm features an integral cable management system
- Includes C clamp and through desk fixing kit

solutions ergo

C clamp



Code	Colour	Description
80K848	Silver	Cygnus® single 8-14KG gaslift monitor arm with C clamp & bolt through fixing kit + razor mount
80K94520	White	Cygnus® single 8-14KG gaslift monitor arm with C clamp & bolt through fixing kit + razor mount

Silver

White

Pull out quick release lock

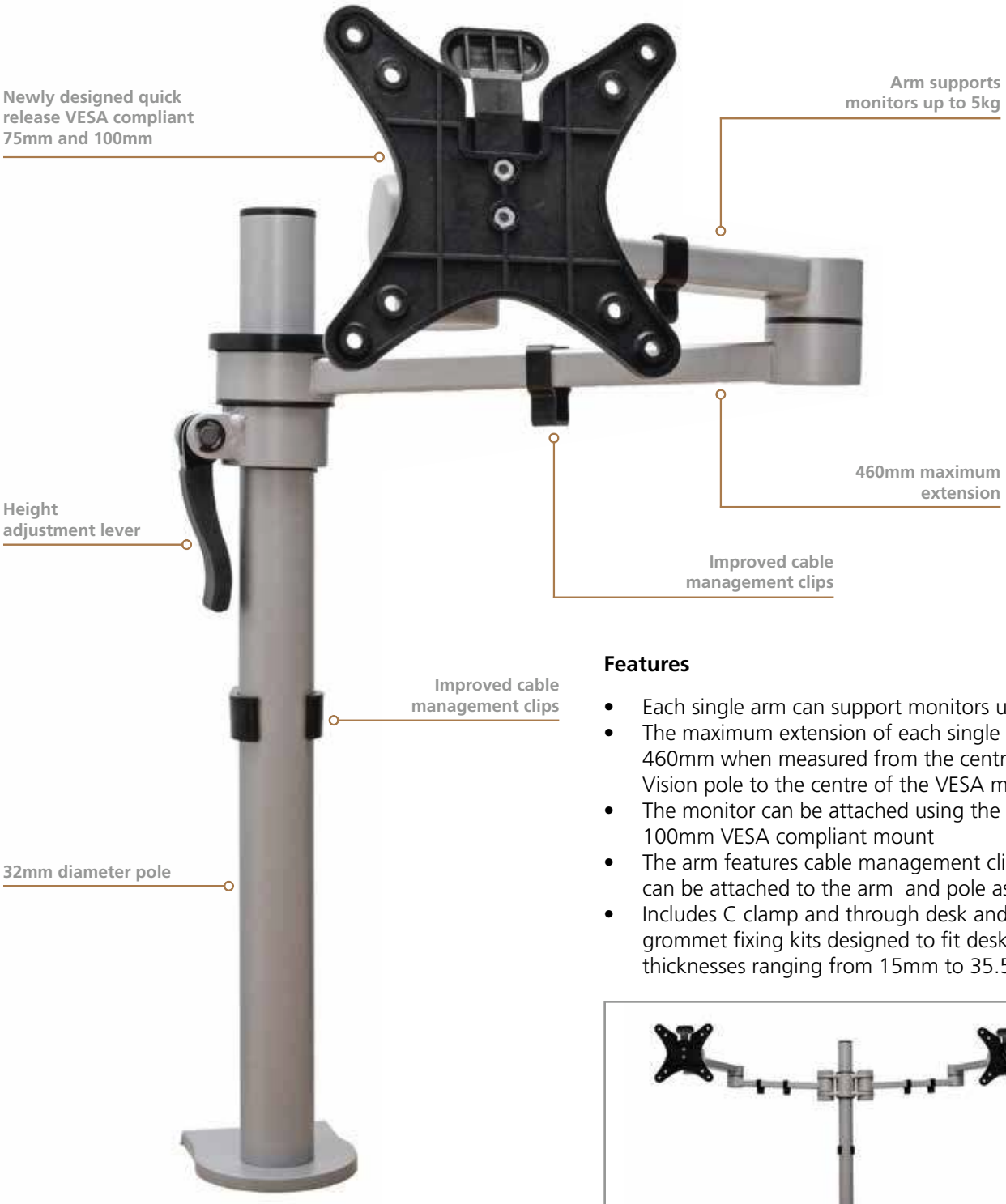
Fit Razor Mount

Re-fit quick release lock

ergo solutions

Vision S and Vision^{HD}

The Vision S and Vision^{HD} monitor arms offer the ergonomic benefits of an assisted monitor arm but are much more affordable. Vision S supports monitors up to 5kgs and Vision^{HD} supports monitors up to 10kgs. Both arms allow 330mm of height adjustment to help the user position the monitor at the optimum eye level.



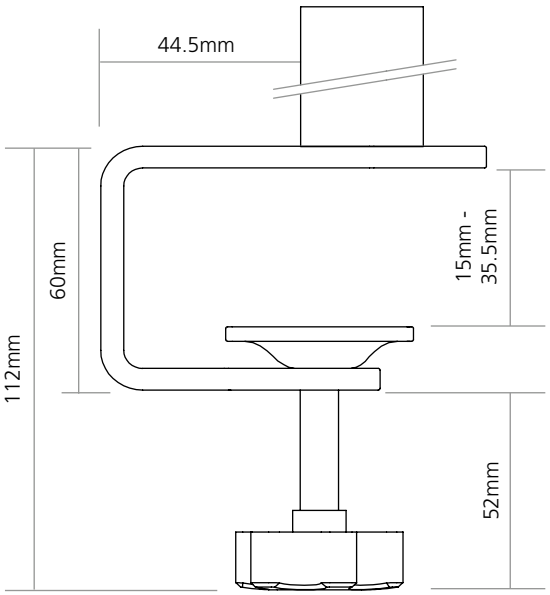
Features

- Each single arm can support monitors up to 5kg
- The maximum extension of each single arm is 460mm when measured from the centre of the Vision pole to the centre of the VESA mount
- The monitor can be attached using the 75mm or 100mm VESA compliant mount
- The arm features cable management clips that can be attached to the arm and pole as required
- Includes C clamp and through desk and grommet fixing kits designed to fit desk thicknesses ranging from 15mm to 35.5mm

Double arm

Monitor Arms

C clamp



Vision S 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

Vision S Single Head

Code	Colour	Description
68V016*	Silver	Vision S Single Head

Vision S Single Arm

Code	Colour	Description
68V001	Silver	Single Vision S pole arm with C clamp, Bolt Through and 80mm Grommet fixing kit. With black plastic trim. Supports 5kgs
68V002	Black	Single Vision S pole arm with C clamp, Bolt Through and 80mm Grommet fixing kit. With black plastic trim. Supports 5kgs
68V003	White	Single Vision S pole arm with C clamp, Bolt Through and 80mm Grommet fixing kit. With white plastic trim. Supports 5kgs

Vision S Double Arm

Code	Colour	Description
68V004	Silver	Double Vision S pole arm with C clamp, Bolt Through and 80mm Grommet fixing kit. With black plastic trim. Supports 2x 5kgs
68V005	Black	Double Vision S pole arm with C clamp, Bolt Through and 80mm Grommet fixing kit. With black plastic trim. Supports 2x 5kgs
68V006	White	Double Vision S pole arm with C clamp, Bolt Through and 80mm Grommet fixing kit. With white plastic trim. Supports 2x 5kgs

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

Vision^{HD} Single Arm

Code	Colour	Description
68S130	Silver	Single Vision HD pole monitor arm with C clamp, bolt through & grommet mount fixing kit. Supports 10kgs
68S131	Black	Single Vision HD pole monitor arm with C clamp, bolt through & grommet mount fixing kit. Supports 10kgs
68S128	White	Single Vision HD pole monitor arm with C clamp, bolt through & grommet mount fixing kit. Supports 10kgs

Vision^{HD} Double Arm

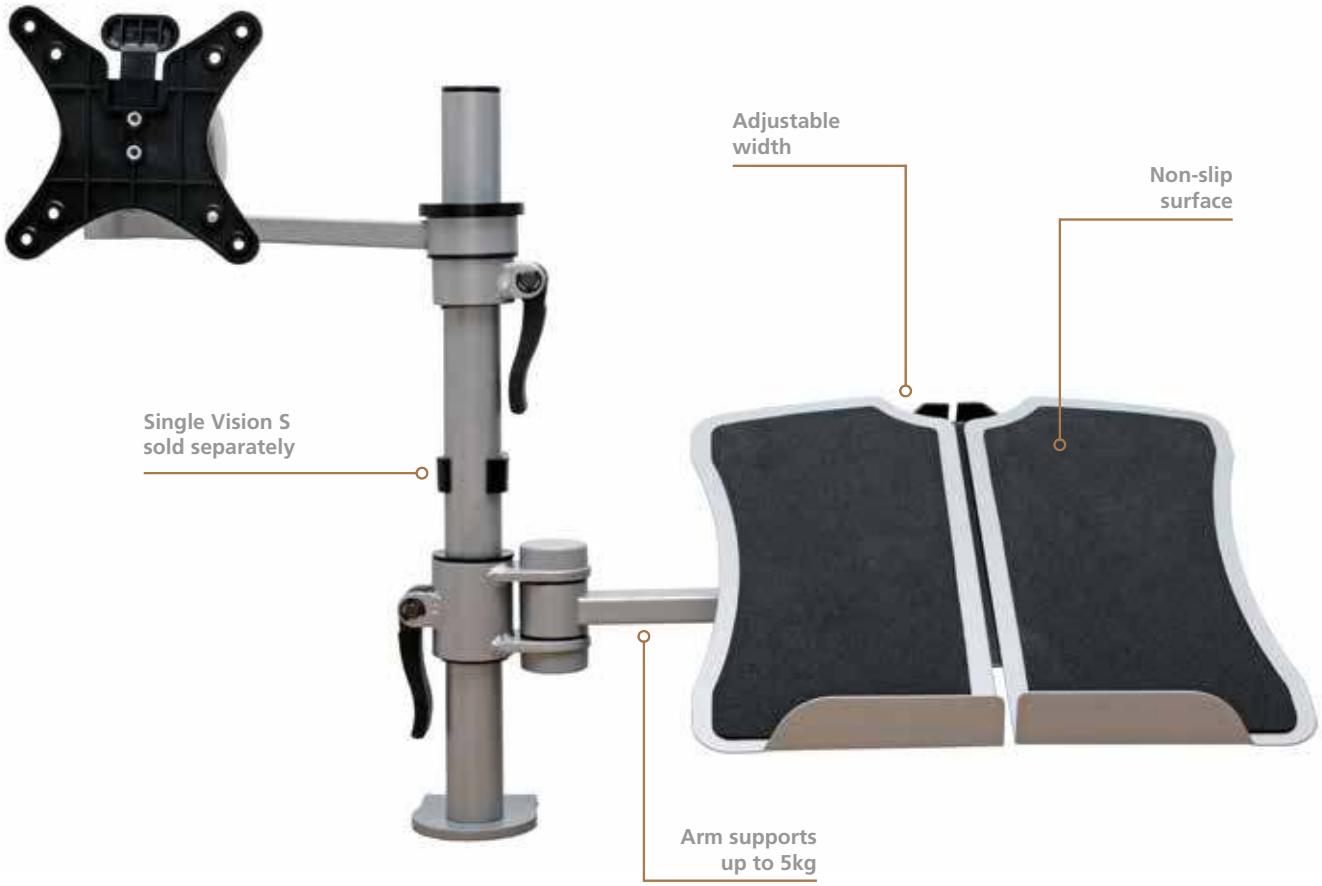
Code	Colour	Description
68S125	Silver	Double Vision HD pole monitor arm with C clamp, bolt through & grommet mount fixing kit. Supports 2x 10kgs
68S126	Black	Double Vision HD pole monitor arm with C clamp, bolt through & grommet mount fixing kit. Supports 2x 10kgs
68S127	White	Double Vision HD pole monitor arm with C clamp, bolt through & grommet mount fixing kit. Supports 2x 10kgs

Note: The Vision^{HD} Single and Double have curved arm sections and use a different cable management system to those shown in the images opposite.

ergo solutions

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. The height of the laptop holder can be adjusted with a simple release mechanism.



Features

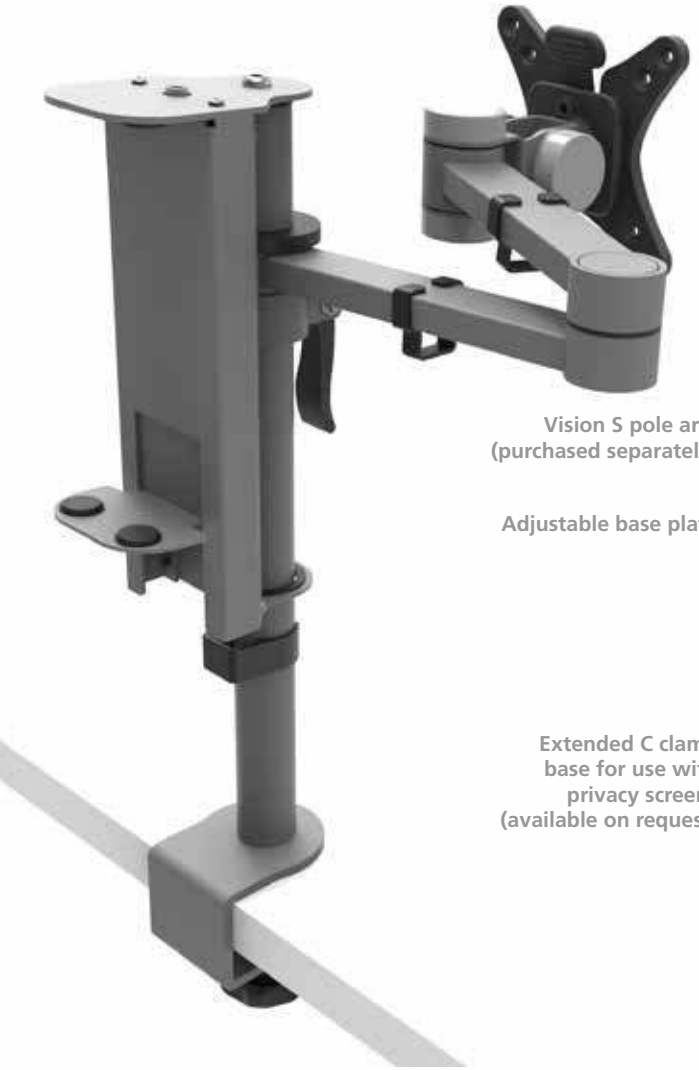
- Laptop holder will hold up to 5kg
- Tray features a non-slip surface with adjustable platforms for wider laptops
- 360º rotation around the Vision pole arm
- 330mm height adjustment range
- 90º pan adjustment
- 40º tilt adjustment range

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

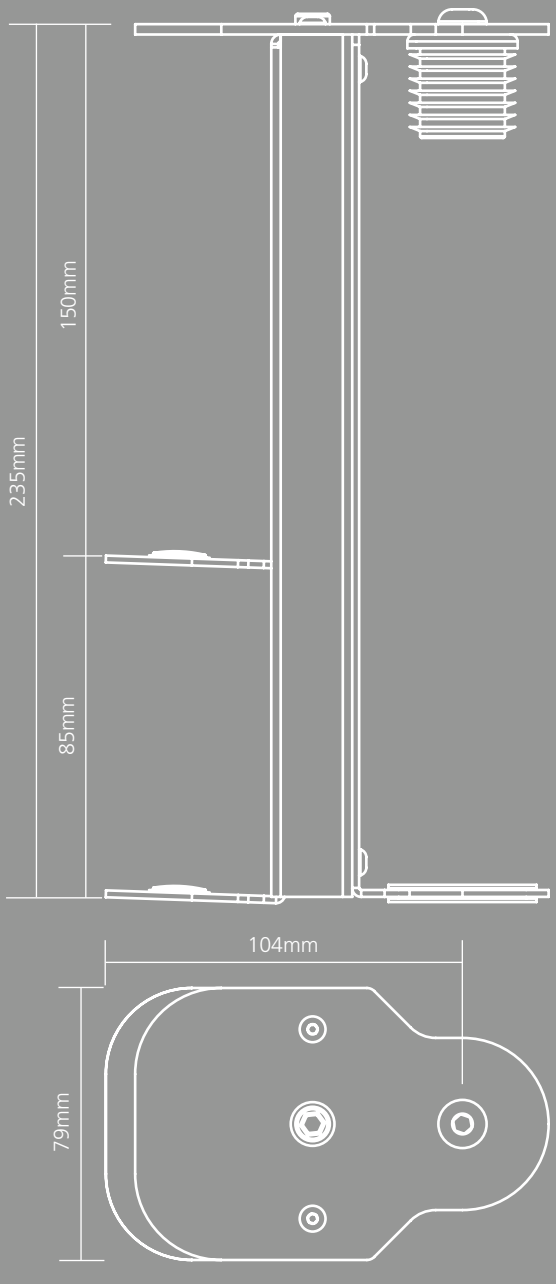
Thin Client

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 screen. Please call 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.



Dimensions



Features

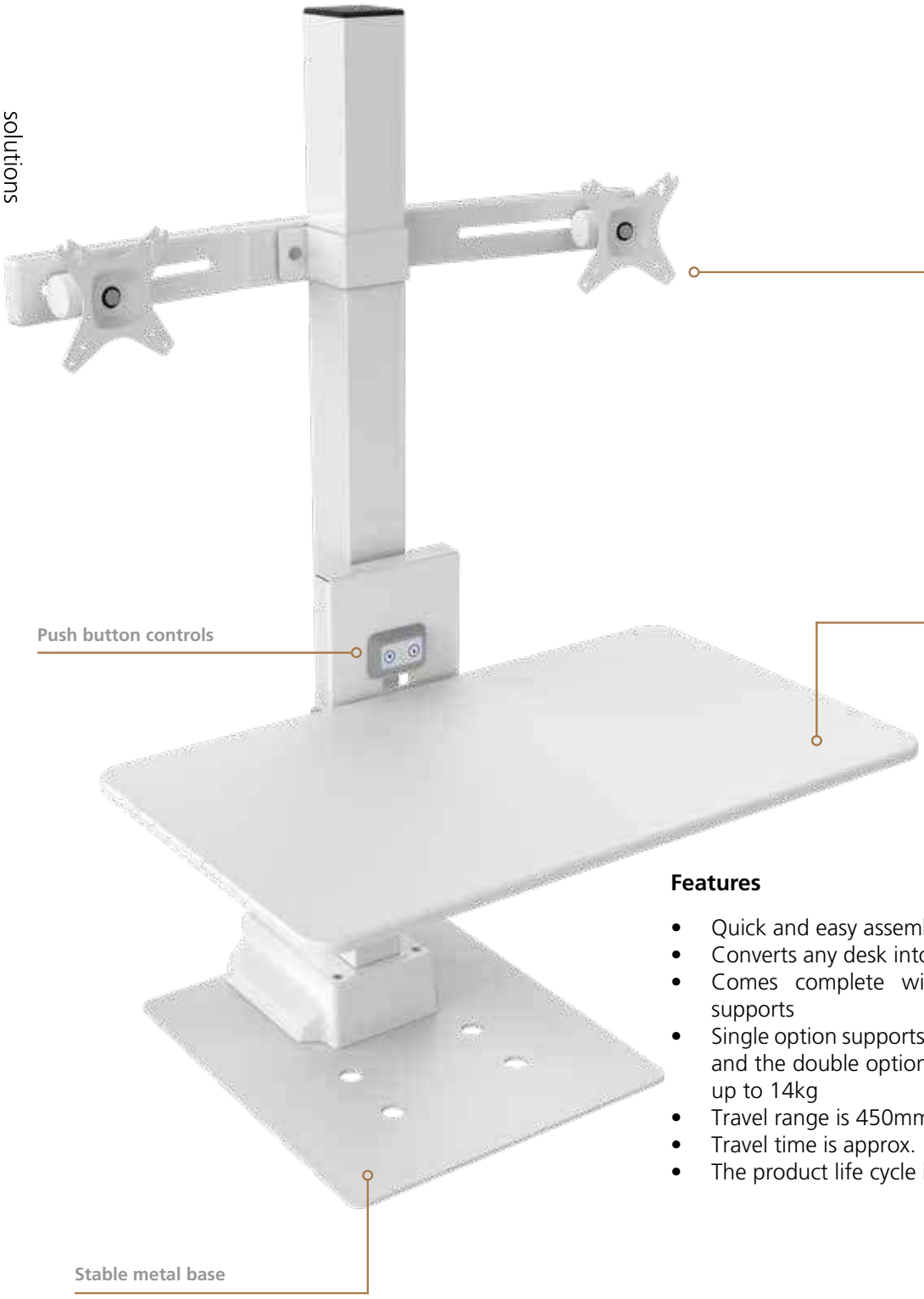
- Easy Fixing - Can be fitted to your existing Vision pole monitor arm or bought together for new installations
- Strong Construction - Constructed from 2mm powder coated steel making this an affordable and robust solution for thin client users
- Versatility - The Vision S thin client holder is fully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

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

Active Electric Sit Stand Workstation

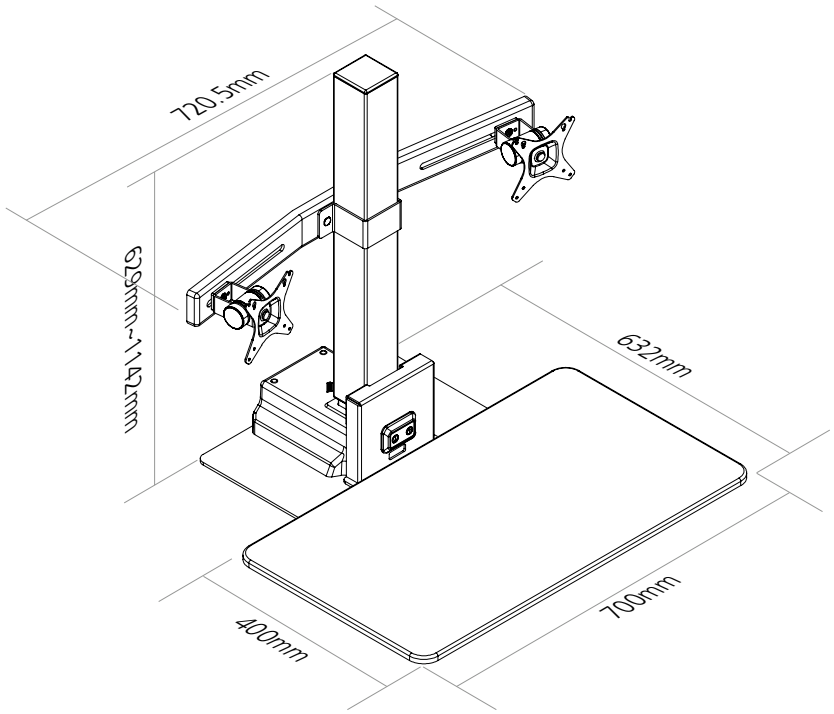
Active™ is our an electric sit stand workstation which has been designed to instantly convert most desks into a sit stand workspace. The product is quick and easy to assemble and provides a generous working surface that can be raised and lowered at the touch of a button.



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
- Travel range is 450mm ±5mm
- Travel time is approx. 11 seconds
- The product life cycle is 10,000+

Dimensions



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

CPU Supports

ergo solutions

Enclose

Enclose is simple to install and a robust solution for keeping the CPU out of the way and free from damage.

Features

- Adjusts to support a range of CPU sizes
- CPU dimensions range:
  280mm - 380mm (H) x 55mm - 125mm (W)
- Supports CPU weights up to 8kg - subject to desk material
- Available in silver with black plastic mouldings
- Simple to install
- Comes complete with a slide and rotate mechanism

Code	Description
58R011	Enclose CPU Support Silver

Spin

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.

Features

- Adjusts to support a range of CPU sizes
- CPU dimensions range:
- 370mm - 570mm (H) x 50mm - 280mm (W)
- Supports CPU weights up to 15kg - subject to desk material
- Available in silver
- Simple to install
- Comes complete with a slide and rotate mechanism

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

CPU Supports

Snug

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.

FIRA LOAD TESTED

Features

- Adjusts to support a range of CPU sizes
- CPU dimensions range: 275mm - 420mm (H) x 96mm - 190mm (W)
- Supports CPU weights up to 10kg - subject to desk material
- Available in various colours
- Simple to install
- Slide and rotate mechanism available separately
- Extender plate included as standard for wider CPUs
- Load tested by FIRA

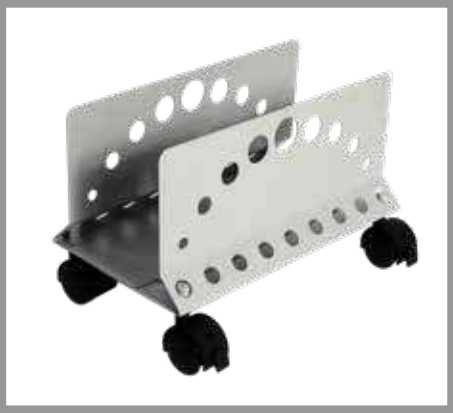
Code	Colour	Description
58A109	Black Body with Metallic Silver Frame	Snug Adjustable CPU Support
58A122	White Body with Metallic Silver Frame	Snug Adjustable CPU Support
58A162	Grey Body with Metallic Silver Frame	Snug Adjustable CPU Support

Slide and Rotate

Optional Slide and Rotate allows movement of the CPU holder for Snug. Slide mechanism requires a minimum desk depth of 700mm (Track length 407mm).

Code	Colour	Description
58A049	Black and Silver	Slide and Rotate Mechanism

Rainbow



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

Spiral

Spiral is quick and easy installation and has a large cable carrying capacity. The spiral design allows the product to expand to cover a range of desk heights.

Black

White

Silver

Features

- Adjustable height from 150mm to 1300mm to cater for different desk heights
- Each unit is made from a high quality plastic which gives it strength and flexibility
- Available in black, white and grey

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

Tidy

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.

Cable Spines

solutions ergo

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 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

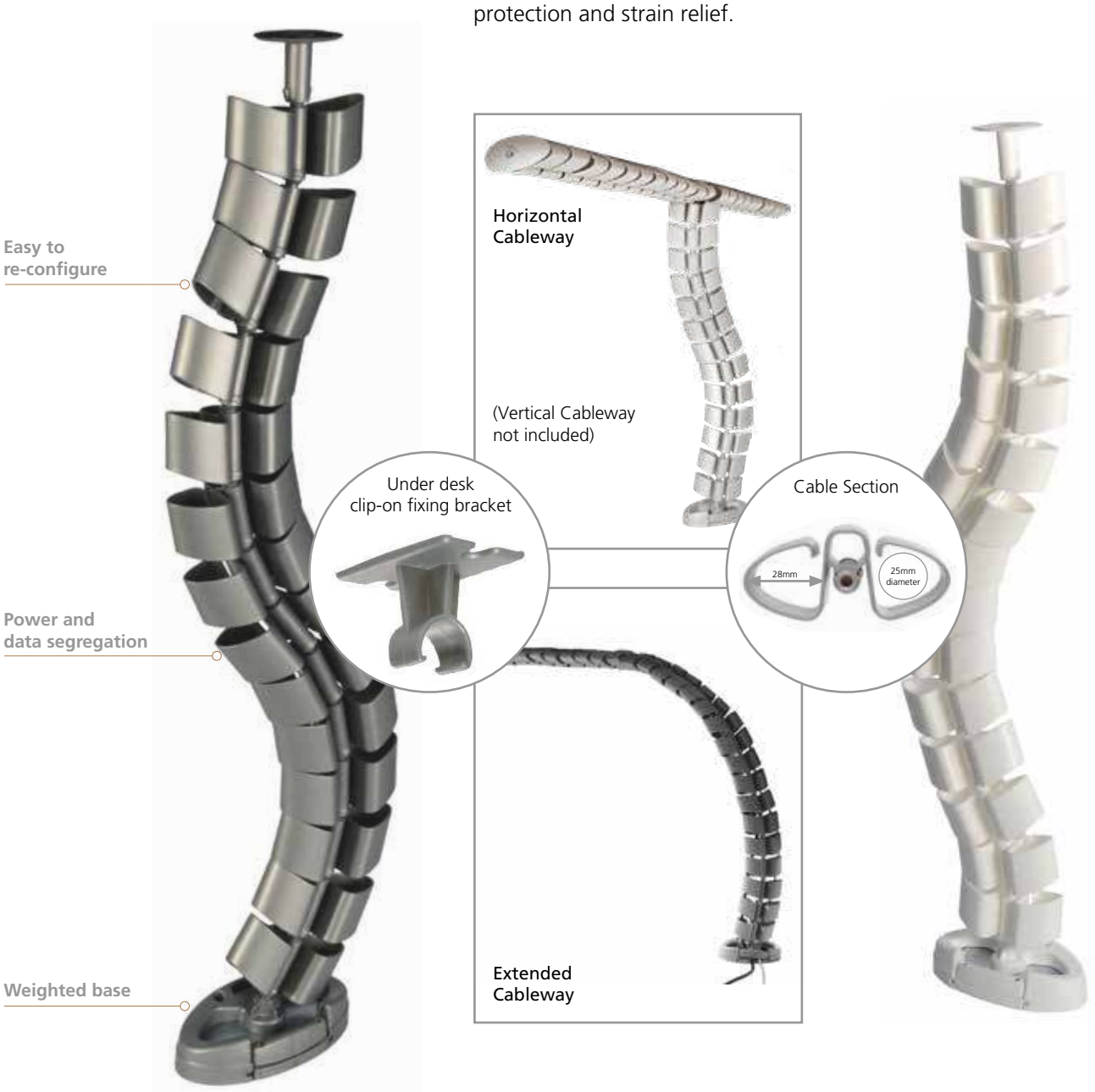
Cable Tidy Fixing

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

Cable Spines

Cableway

An attractive and practical method of cable containment. The Cableway routes cables from floor to desk and provides mechanical protection and strain relief.



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)

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)

Cable Baskets

Fusion

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 to 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).

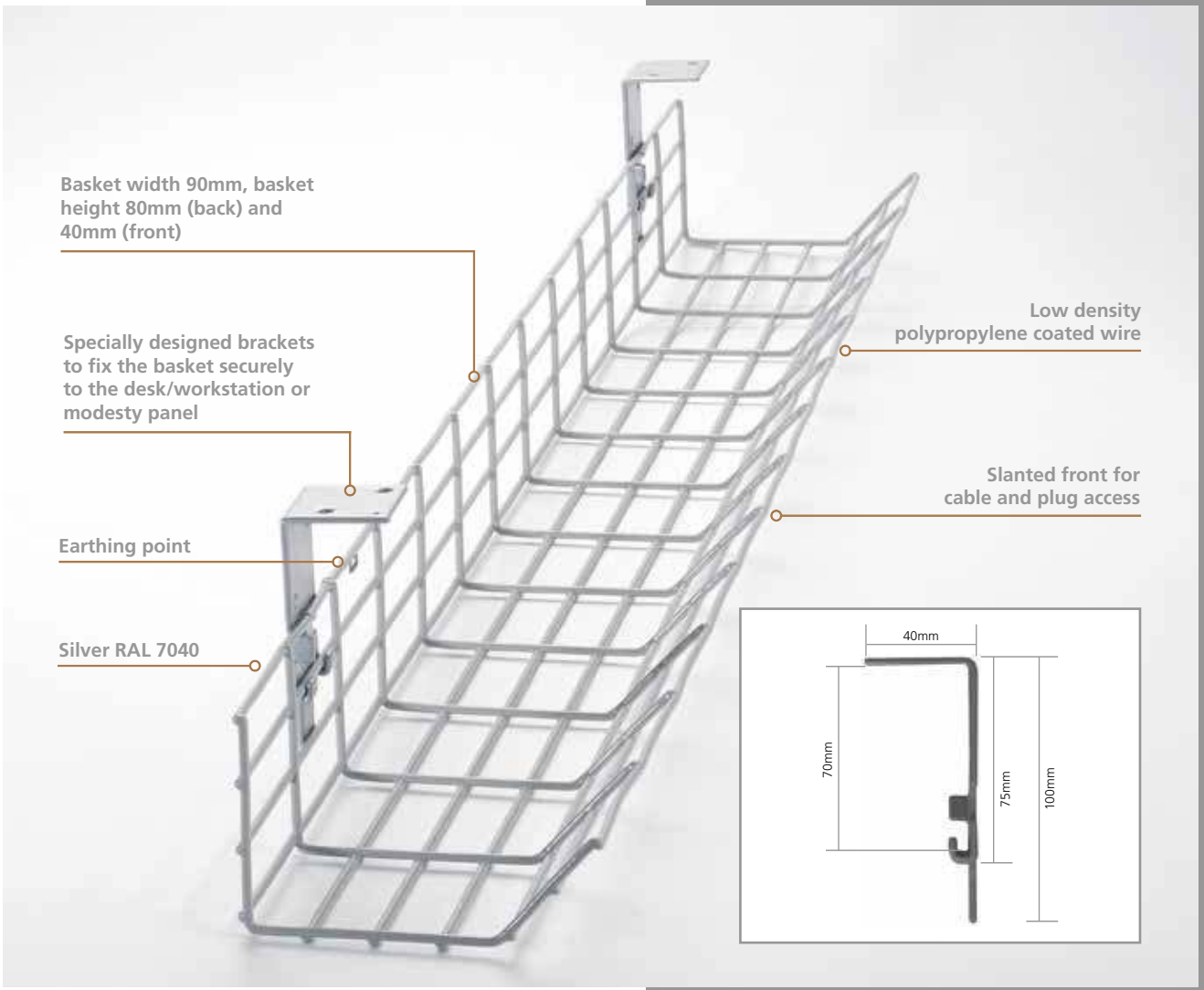
solutions ergo

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

Please note: fixing screws are not supplied with our Fusion Cable Basket.

Additional bracket

Code
251904



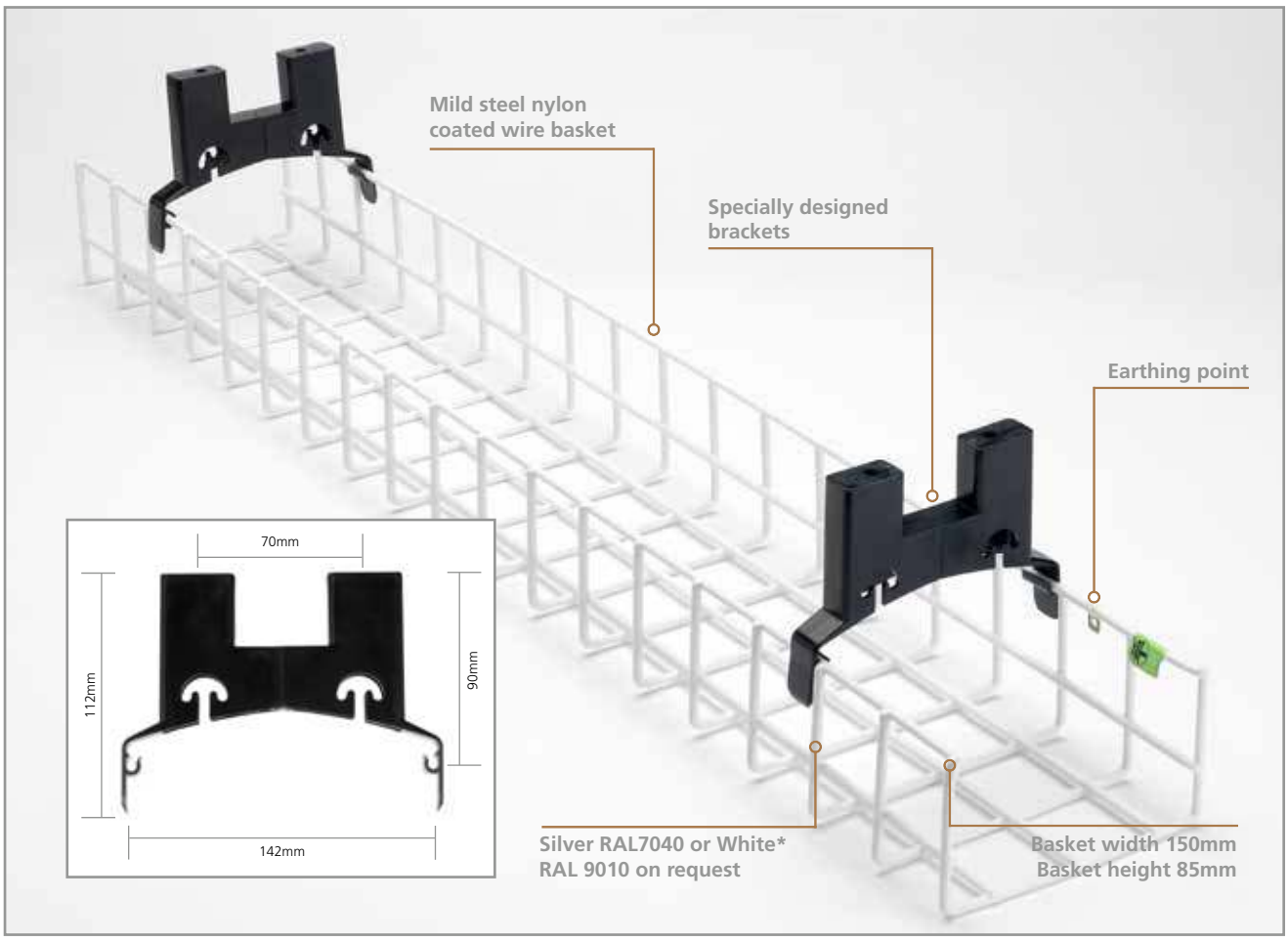
Premium Cable Basket

Premium is a cable containment basket which clips to the underside of the desk to allow power and data cables to be installed 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.

Please note: fixing screws are supplied with our Premium Cable Basket.



Desk Grommets

Metal

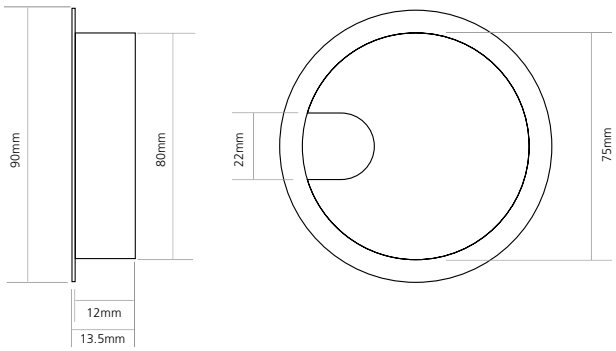
A high quality cast aluminium desk grommet available in polished, brush nickel and matt chrome finish. Brush strip on cable entry port. The unit features a twist lock action to retain the lid. Easily retro fitted into an 80mm diameter hole. Minimum work surface thickness is 12mm.

- 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

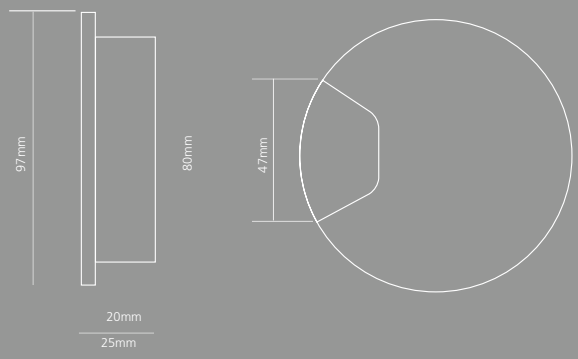
A high quality plastic desk grommet. Easily retro fitted into a 80mm diameter hole. Minimum work surface thickness is 22mm and has a removable slide that can be stored in a recess under the cover plate.

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

Black

White

Silver

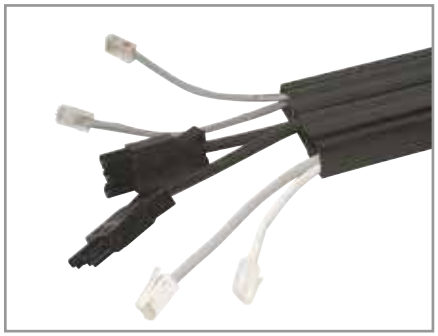


Code	Colour	Description
520001	Black	80mm Desk Grommet
520162	White	80mm Desk Grommet
520145	Silver	80mm Desk Grommet

ergo solutions

Hi-tech Trunking

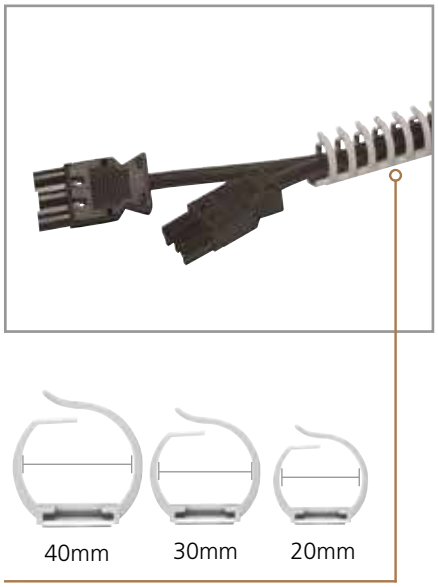
- Solves the problem of untidy cabling
- Three separate channels for power, voice and data segregation
- Two piece swipe through T-shaped strips for addition or removal of cables
- Self-adhesive backing strip
- Can be drilled and screw mounted
- Colour Black



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)

Power Modules

On Desk | In Desk | Under Desk

Electrical Safety

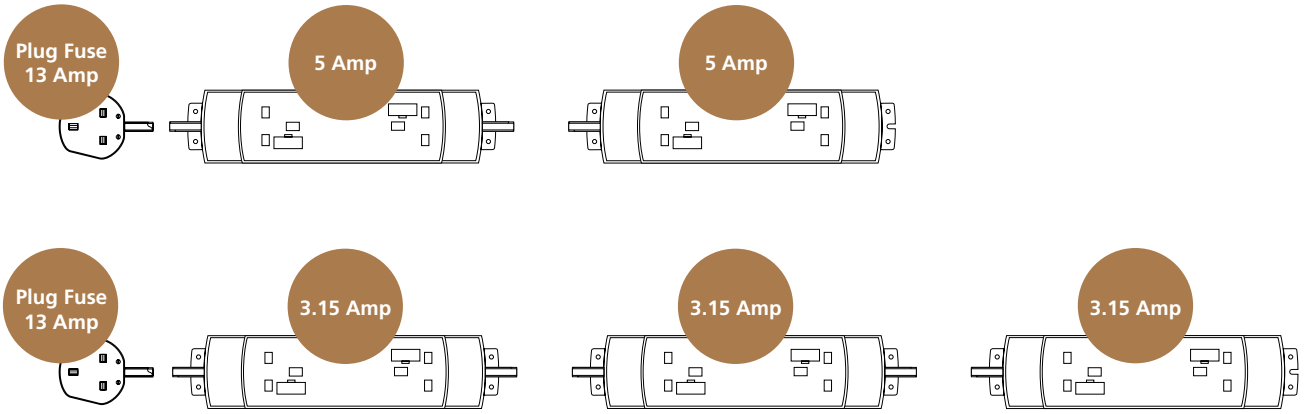
BS 6396 Electrical Systems in Office Furniture and Educational Furniture

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 BS 6396 and all of our products are manufactured to BS 5733 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

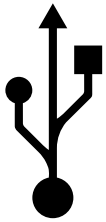
Compatible modules are identified by the tick ✓

Non-compatible modules are identified by the cross X

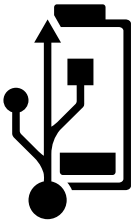
	Affinity	Conti (Metal)	Conti (Plastic)	Contour	Elite+	Face	Harmony	Inca	Linear	Porthole	Reveal	Surface
UK 13A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
French/Belgian 16A	✓	✓	✓	✓	X	✓	✓	✓	✓	✓	✓	✓
German (Schuko) 16A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Indian 6A	✓	✓	✓	✓	X	✓	✓	X	✓	X	✓	✓
Swiss 10A	✓	✓	✓	✓	X	✓	✓	✓	✓	✓	✓	✓
USA 15A	✓	✓	✓	✓	X	✓	✓	X	✓	✓	✓	✓
Italian 10A/16A	✓	✓	✓	✓	X	✓	✓	✓	✓	✓	✓	✓
Footprint	✓	✓	✓	✓	X	✓	✓	X	✓	X	✓	✓
Cat 6	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Cat 6a	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Data Slots	✓	✓	✓	✓	X	✓	✓	X	✓	X	✓	✓
VGA	✓	✓	✓	✓	X	✓	✓	X	✓	X	✓	✓
3.5mm Mini Jack Audio	✓	✓	✓	✓	X	✓	✓	X	✓	X	✓	✓
HDMI	✓	✓	✓	✓	X	✓	✓	✓	✓	✓	✓	✓
USB Data 2.0/3.0	✓	✓	✓	✓	X	✓	✓	✓	✓	✓	✓	✓
USB Charger 5A	✓	✓	X	✓	X	✓	✓	✓	✓	X	✓	✓
USB Charger A&C	X	✓	X	✓	X	✓	✓	✓	✓	✓	✓	✓
Phono	✓	✓	✓	✓	X	✓	✓	X	✓	✓	✓	✓
Breakers/Protection	✓	✓	X	X	✓	✓	X	X	X	X	✓	✓

USB Sockets

CMD supply three different types of USB sockets; USB Type A data, USB Type A power and USB Type A and C 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. Please speak to our sales team for more information.



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

Switches:
- Neon Switch
- Single Pole (with or without neon)
- Double Pole (with or without neon)

International Sockets:
- French/Belgian
- German
- Italian
- Swiss
- American*
- Indian

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

USB Chargers:

- 5 Amp Type A USB Charger with Smart IC
- 18W Type A and C Adaptive Fast Charger

All socket types are available in black, grey and white as standard.

Note: Slight colour variations may occur depending on socket type and batch number.

Data Sockets:

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

Audio and Visual

- HDMI
- VGA
- 3.5mm Audio
- Phono
- S Video

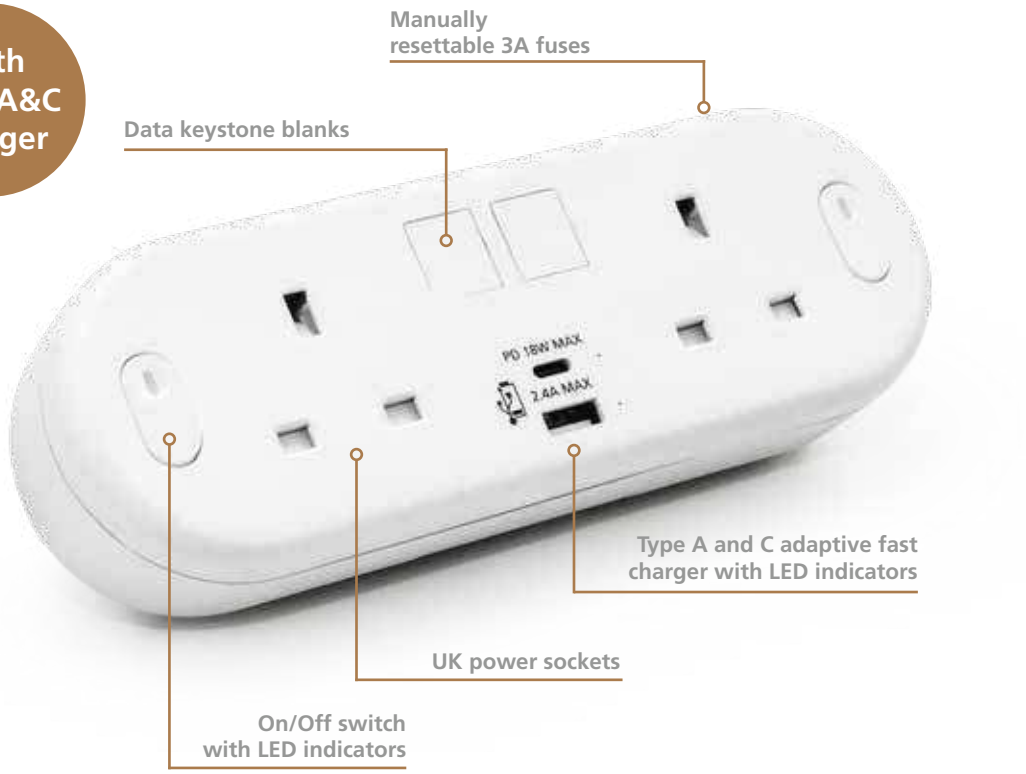
While standard configurations are offered, power modules can be adapted to meet your individual requirements. Please give us a call and speak to one of our sales team to discuss your requirements.

On Desk Power

Capsule has a modern, curved appearance and has many new features including a dual port Type A and C adaptive fast charger with LED indicators, 2x UK sockets with individual switches and resettable 3A thermal fuses and includes fixing clamps. Capsule also has 2 data blanks which can house a range of data keystones.

Capsule
Power Module

With Type A&C Charger



power modules

Features

- Choice of black or white
- 2x UK sockets with individual on/off switches and 3A resettable thermal fuses
- Fully integrated Type A and C twin port USB, adaptive charger
- 2x data blanks that can be modified to include a range of keystone couplers
- Supplied with C clamp fixing to fit desk thicknesses between 11mm and 30mm
- USB Type A and Type C chargers are designed and tested to: EMC (EN61000/EN55022/EN55020/EN55024/EN55013/EN55014 and LVD (EN60950)

Manage your energy

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

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

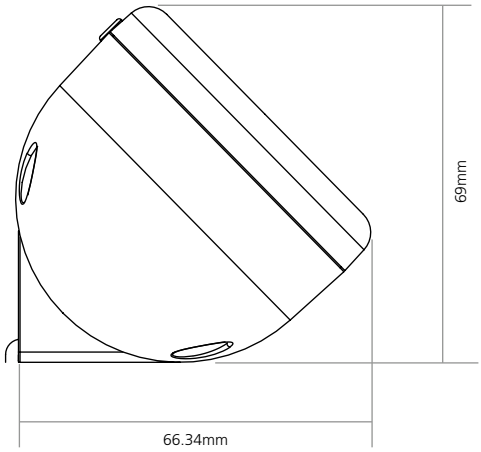
Data Cables: CMD cannot accept any responsibility or liability for providing category 6 performance in products supplied. CMD cannot accept any responsibility or liability for providing HDMI performance in products supplied over 5m in length. Data fascias may be subject to colour change.

On Desk Power

Black

White

UK Code	Schuko Code	Colour	Description
720001B	Please call	Black	2 x Power, 1 x Twin port Type A and C USB Charger, 2x Individual On/Off Switches, 2x Individual resettable 3A fuses, 1.5m mains lead to 3 pole connector
720001W	Please call	White	



Data Cables and Keystones

Note: Separate data keystones and cables must be purchased if data is required. Other cable lengths are available on request.

Cables

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

Keystones

Code	Description	Colour
161051	Cat 6 data keystone	Black
161246	Cat 6 data keystone	White
161243	USB data keystone	Black
161242	USB data keystone	White
161245	HDMI data keystone	Black
161244	HDMI data keystone	White

modules power

Adaptive Fast Charger Features

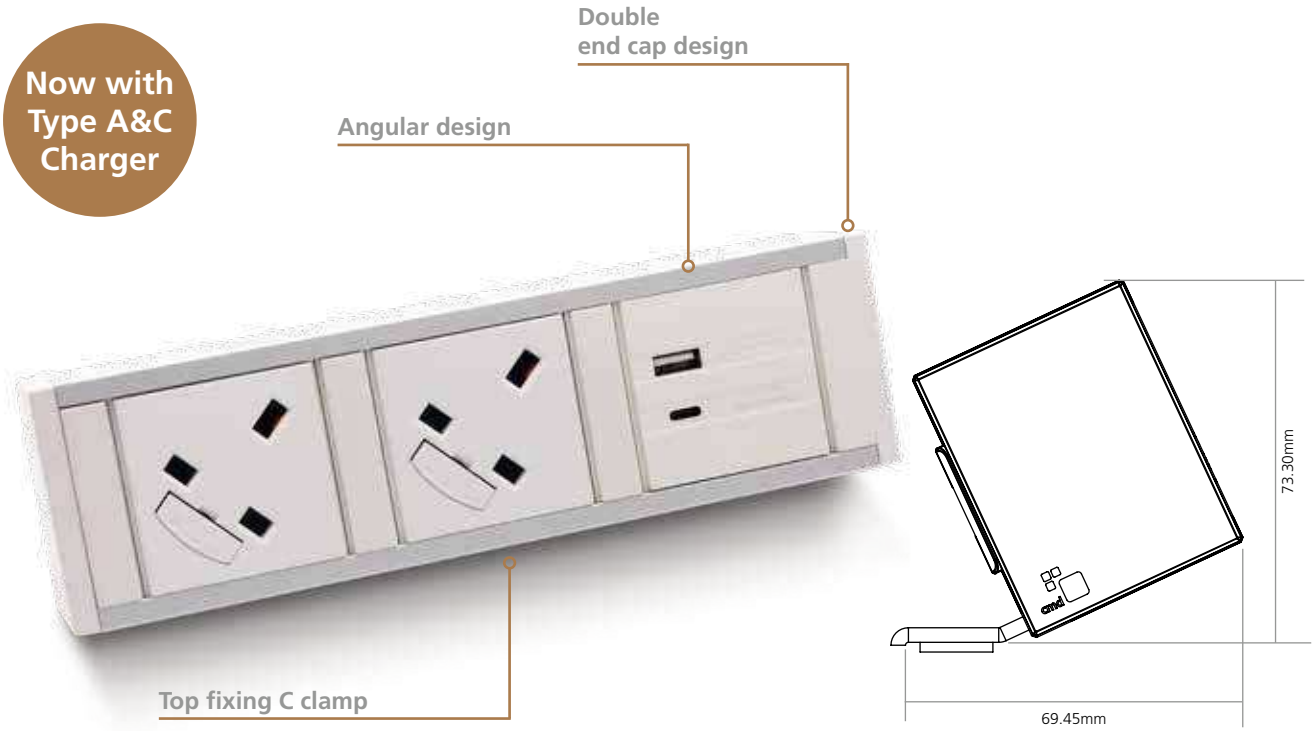
- Capsule offers PD and QC2 adaptive charging which is fast charging
- It works on the USBC connection by having:
  1. 5 Volts x 3.0 Amps
  2. 9 Volts x 2 Amps
  3. 12 Volts x 1.5 Amps option
  4. 5 volt x 2 Amp (= 10 watt) option on the USB A connection

On Desk Power

Linear has an angular appearance and shares many of the same design features as Harmony and Contour. These include a lateral fuse carrier, internal segregation between power and data and a double end cap system that has been designed to hide the fixing screws. Linear is fully compliant to current safety regulations.

Linear
Power Module

Now with Type A&C Charger



power modules

Features

- Power and data cables all exit from the back 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 Linear top fixing and under desk C clamps or adhesive fixing kit
- All UK sockets feature integral fuses. Choice of 3.15A or 5A fuses are available to comply with BS 6396

Build it your way

Please see page 31 for more information.

Manage your energy

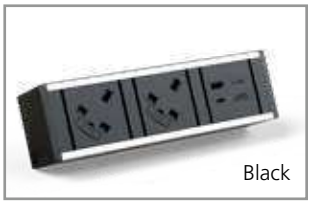
Configure to allow energy to be monitored and controlled with Footprint. See page 73 for more details.
*Please note that 6 tiles is the maximum with a maximum length of 362.5mm.

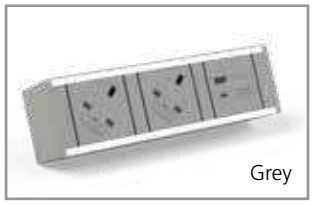
Cables: White and grey modules are supplied with white cables and black modules are supplied with black cables.

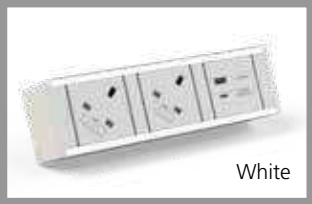
Data Cables: CMD cannot accept any responsibility or liability for providing category 6 performance in products supplied. CMD cannot accept any responsibility or liability for providing HDMI performance in products supplied over 5m in length.

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


Black


Grey


White

UK Code	Schuko Code	Colour	Description
82050001	82050007	Black/ Silver	1 x Power, 1 x Twin port 5Amp USB Charger, 1m mains lead to 3 pole connector
82050002	82050008	Grey/ Silver	
82050003	82050009	White/ Silver	
82AC0001	82AC0008	Black/ Silver	1 x Power, 1 x Twin port Type A and C USB Charger, 1m mains lead to 3 pole connector
82AC0002	82AC0009	Grey/ Silver	
82AC0003	82AC0010	White/ Silver	
82000001	Please call	Black/ Silver	2 x Power, 1m mains lead to 3 pole connector
82000002	n/a	Grey/ Silver	
82000003	Please call	White/ Silver	
82050004	82050010	Black/ Silver	2 x Power, 1 x Twin port 5Amp USB Charger, 1m mains lead to 3 pole connector
82050005	82050011	Grey/ Silver	
82050006	82050012	White/ Silver	

UK Code	Schuko Code	Colour	Description
82AC0004	8239000029	Black/ Silver	2 x Power, 1 x Twin port Type A and C USB Charger, 1m mains lead to 3 pole connector
82AC0005	82AC0011	Grey/ Silver	
82AC0006	82AC0012	White/ Silver	
82000004	Please call	Black/ Silver	2 x Power, 2 x RJ45 data Cat6, 1m mains lead to 3 pole connector
82000005	n/a	Grey/ Silver	
82000006	Please call	White/ Silver	

modules power

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

Linear desk fixing options

Linear comes with a range of desk fixing options to include top fixing and C clamp and adhesive fixing kit. Other clamping options are available.

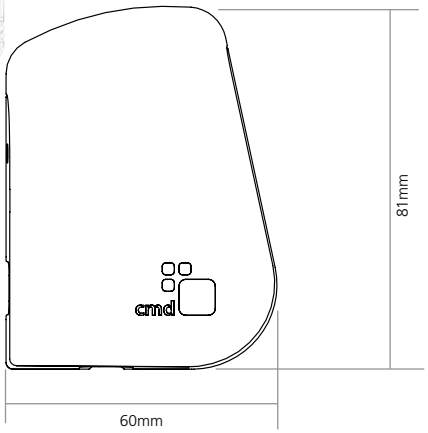
Code	Description
440732	C clamp fixing. 31mm maximum recommended desk thickness
440736	Top fixing. 27mm maximum recommended desk thickness
440734	Adhesive fixing

On Desk Power

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.

Contour Plastic Power Module

Now with Type A&C Charger



Choose from power, USB charging, data, audio and international sockets

Lateral fuses with a choice of 3.15A or 5A to comply with BS 6396:2008

Flame retardant ABS plastic body with a choice of fascia colours

power modules

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

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.
*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

Black

Grey

UK Code	Schuko Code	Colour	Description
94050007	94050019	Black/ White	1 x Power, 1 x Twin port 5Amp USB Charger, 1m mains lead to 3 pole connector
94050008	94050026	Grey/ White	
94050009	94050020	All White	
94050010	94050021	All Black	
94AC0007	94AC0023	Black/ White	1 x Power, 1 x Twin port Type A and C USB Charger, 1m mains lead to 3 pole connector
94AC0008	94AC0024	Grey/ White	
94AC0009	94AC0025	All White	
94AC0010	94AC0026	All Black	
94PS04GST	94PS12GST	Black/ White	2 x Power, 1m mains lead to 3 pole connector
94PS01GST	n/a	Grey/ White	
94PS07GST	94PS13GST	All White	
94PS10GST	94PS14GST	All Black	
94050011	94050022	Black/ White	2 x Power, 1 x Twin port 5Amp USB Charger, 1m mains lead to 3 pole connector
94050012	94050027	Grey/ White	
94050013	94050023	All White	
94050014	94050024	All Black	

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

All White

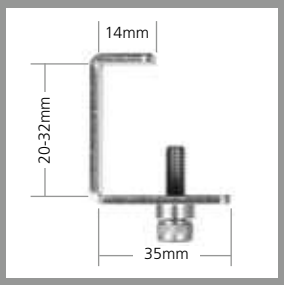
All Black

UK Code	Schuko Code	Colour	Description
94AC0012	94AC0027	Black/ White	2 x Power, 1 x Twin port Type A and C USB Charger, 1m mains lead to 3 pole connector
94AC0013	94AC0028	Grey/ White	
94AC0014	94P129917	All White	
94AC0015	94AC0029	All Black	
94U048GST	94U052GST	Black/ White	2 x Power, 2 x RJ45 data Cat6, 1m mains lead to 3 pole connector
94U049GST	n/a	Grey/ White	
94U050GST	94U053GST	All White	
94U051GST	94U054GST	All Black	
94PS06GST	n/a	Black/ White	4 x Power, 1m mains lead to 3 pole connector
94PS03GST	n/a	Grey/ White	
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.

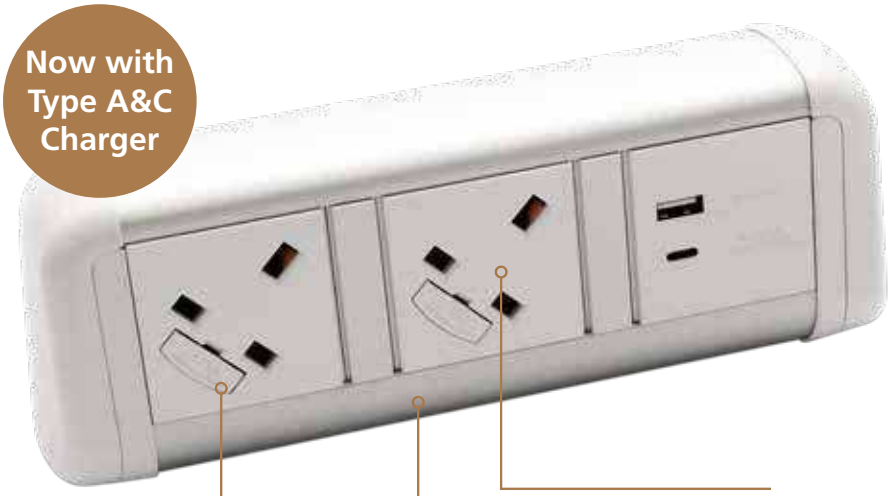
Code	Description
440006	2x adhesive fixings

On Desk Power

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

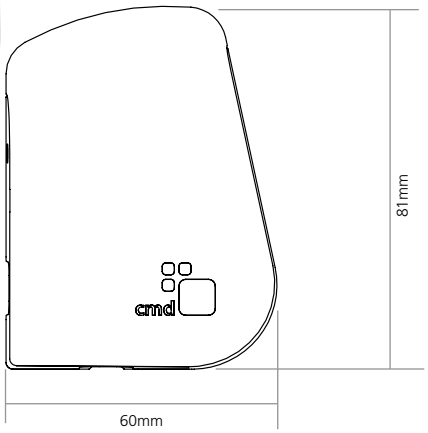
Now with Type A&C Charger



Lateral fuses with a choice of 3.15A or 5A to comply with BS 6396:2008

Anodised aluminium extruded body

Choose from power, USB charging, data, audio and international sockets



power modules

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

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.

On Desk Power

Black

Grey

UK Code	Schuko Code	Colour	Description
94050001	94050015	Black/ Silver	1 x Power, 1 x Twin port 5Amp USB Charger, 1m mains lead to 3 pole connector
94050002	9405128939GST	Grey/ Silver	
94050003	94050016	White/ Silver	
94AC0001	94AC0017	Black/ Silver	1 x Power, 1 x Twin port Type A and C USB Charger, 1m mains lead to 3 pole connector
94AC0002	94AC0018	Grey/ Silver	
94AC0003	94AC0019	White/ Silver	
94MPS01BGST	94MPS03BGST	Black/ Silver	2 x Power, 1m mains lead to 3 pole connector
94MPS01GGST	n/a	Grey/ Silver	
94MPS01WGST	94MPS03WGST	White/ Silver	
94050004	94050017	Black/ Silver	2 x Power, 1 x Twin port 5Amp USB Charger, 1m mains lead to 3 pole connector
94050005	94050025	Grey/ Silver	
94050006	94050018	White/ Silver	

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

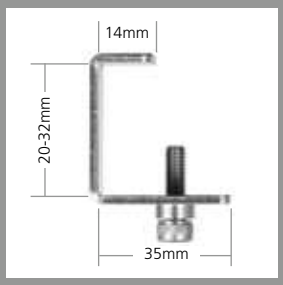
White

UK Code	Schuko Code	Colour	Description
94AC0004	94AC0020	Black/ Silver	2 x Power, 1 x Twin port Type A and C USB Charger, 1m mains lead to 3 pole connector
94AC0005	94AC0021	Grey/ Silver	
94AC0006	94AC0022	White/ Silver	
94MUS03BGST	94MUS04BGST	Black/ Silver	2 x Power, 2 x RJ45 data Cat6, 1m mains lead to 3 pole connector
94MUS03GGST	n/a	Grey/ Silver	
94MUS03WGST	94MUS04WGST	White/ Silver	
94MPS02BGST	n/a	Black/ Silver	4 x Power, 1m mains lead to 3 pole connector
94MPS02GGST	n/a	Grey/ Silver	
94MPS02WGST	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.

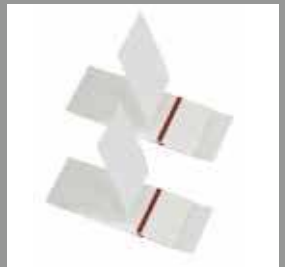
Code	Description
440371	32mm maximum recommended desk thickness



Adhesive Fixing Kit

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

Code	Description
440006	2x adhesive fixings

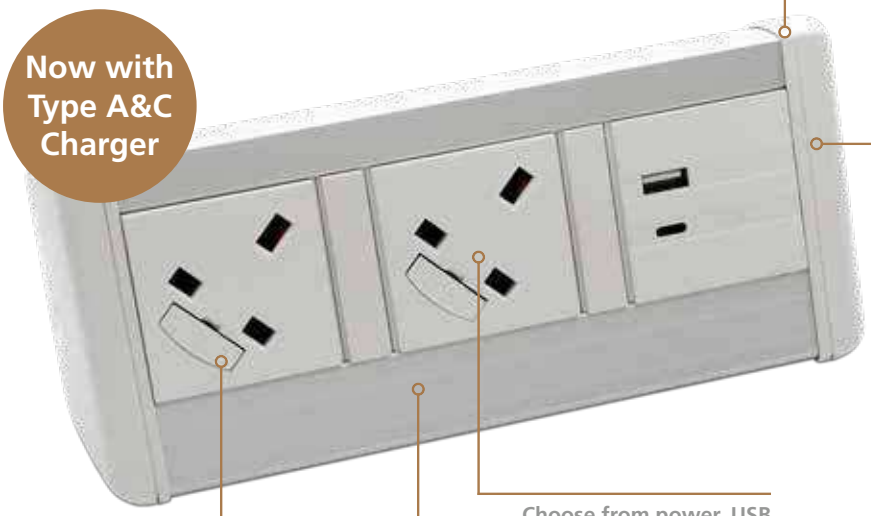


On Desk Power

Harmony is a stylish, non-intrusive, on desk power module that can be fitted quickly and easily to the edge of the desk using the Harmony C clamps or adhesive fixing kit.

Harmony Power Module

Now with Type A&C Charger



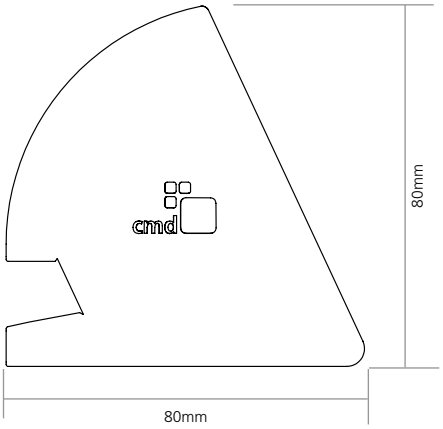
Double end cap system with no visible screws

Matching inner end cap as standard but coloured options available subject to MOQ

Choose from power, USB charging, data, audio and international sockets

Lateral fuses with a choice of 3.15A or 5A to comply with BS 6396:2008

Anodised aluminium extruded body



power modules

Features

- Extruded silver metal body for longer lengths
- 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 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 BS 6396
- Segregation between power and data to comply with BS 6396

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.

On Desk Power

Black

Grey

White

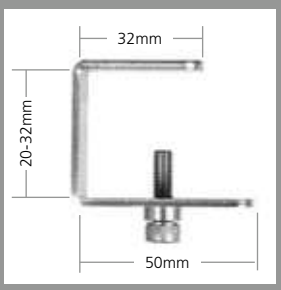
UK Code	Schuko Code	Colour	Description
84050001	84050007	Black/ Silver	1 x Power, 1 x Twin port 5Amp USB Charger, 1m mains lead to 3 pole connector
84050002	84050011	Grey/ Silver	
84050003	84050008	White/ Silver	
84AC0001	84AC007	Black/ Silver	1 x Power, 1 x Twin port Type A and C USB Charger, 1m mains lead to 3 pole connector
84AC0002	84AC008	Grey/ Silver	
84AC0003	84AC009	White/ Silver	
8400005	8400040	Black/ Silver	2 x Power, 1m mains lead to 3 pole connector
8400006	n/a	Grey/ Silver	
8400007	8400041	White/ Silver	
84050004	84050009	Black/ Silver	2 x Power, 1 x Twin port 5Amp USB Charger, 1m mains lead to 3 pole connector
84050005	84050012	Grey/ Silver	
84050006	84050010	White/ Silver	

UK Code	Schuko Code	Colour	Description
84AC0004	84AC0010	Black/ Silver	2 x Power, 1 x Twin port Type A and C USB Charger, 1m mains lead to 3 pole connector
84AC0005	84AC0011	Grey/ Silver	
84AC0006	84AC0012	White/ Silver	
8400013	8400046	Black/ Silver	2 x Power, 2 x RJ45 data Cat6, 1m mains lead to 3 pole connector
8400014	n/a	Grey/ Silver	
8400015	8400047	White/ Silver	
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	

Harmony 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

On Desk USB Power

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

NORTH16 mixology FINALIST

Features

- Plastic moulded body available in black, grey or white
- Contrasting body and fascia graphics available subject to minimum order quantities
- Fully integrated twin port 4A USB charger 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.

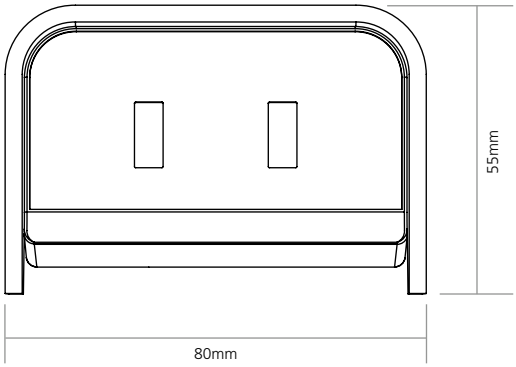
On Desk USB Power

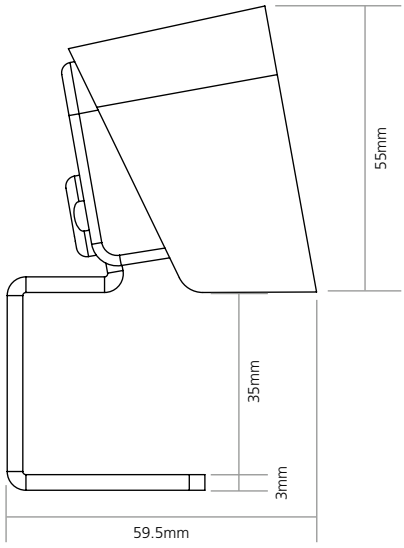
Black

Grey

White

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.

Grey with white fascia

White with black fascia

Other colour combinations are available. Please call for details.

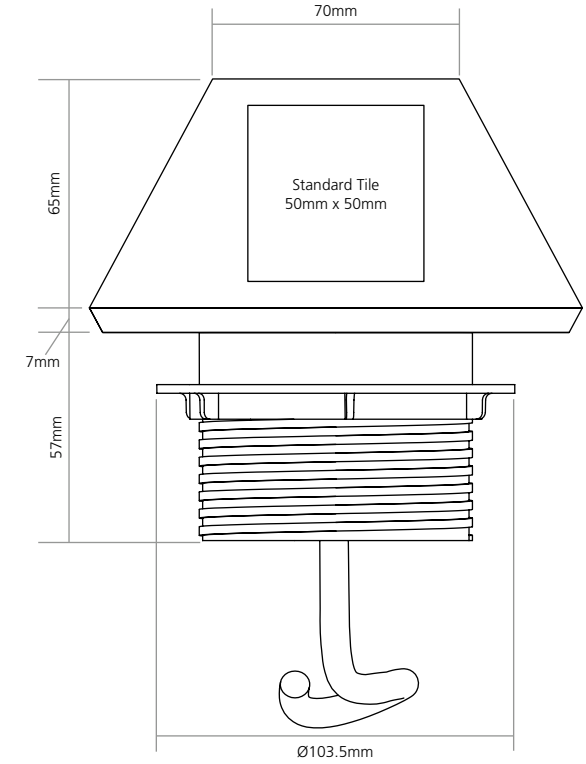
Code	Colour	Description
7500001	Black	2 x Twin port 4Amp USB charger 1m mains lead to 3 pole connector
7500002	Grey	2 x Twin port 4Amp USB charger 1m mains lead to 3 pole connector
7500003	White	2 x Twin port 4Amp USB charger 1m mains lead to 3 pole connector

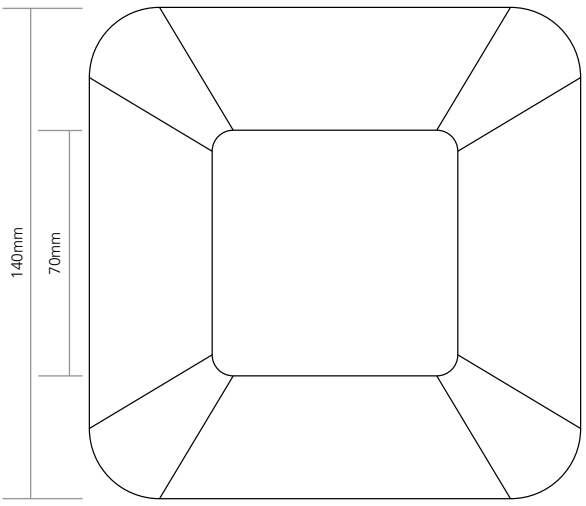
On Desk Power

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.

Inca
Power Module

Now with Type A&C Charger





Features

- Choice of Black, Grey or White body and matching socket fascias
- Inca has 4 usable faces offering a wide range of configurations for power and USB charging
- 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
- Inca is available as a freestanding on desk module or can be fixed using a simple grommet hole fixing
- All UK sockets feature integral fuses with a choice of 3.15A or 5A fuses to comply with BS 6396

Manage your energy

Connect to Footprint 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.

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

Black

Grey

On Desk Module

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

UK Code	Schuko Code	Colour	Description
79050001	79050025	Black	1 x Power, 1 x Twin port 5Amp USB Charger, 1m mains lead to 3 pole connector. On Desk
79050002	79050041	Grey	
79050003	79050026	White	
79AC0001	79AC0025	Black	1 x Power, 1 x Twin port Type A and C USB Charger, 1m mains lead to 3 pole connector. On Desk
79AC0002	79AC0026	Grey	
79AC0003	79AC0027	White	
79050004	79050027	Black	2 x Power, 1 x Twin port 5Amp USB Charger, 1m mains lead to 3 pole connector. On Desk
79050005	79050042	Grey	
79050006	79050028	White	
79AC0004	Please call	Black	2 x Power, 1 x Twin port Type A and C USB Charger, 1m mains lead to 3 pole connector. On Desk
79AC0005	n/a	Grey	
79AC0006	Please call	White	
79050010	n/a	Black	2 x Power, 2 x Twin port 5Amp USB Charger, 1m mains lead to 3 pole connector. On Desk
79050011	n/a	Grey	
79050012	n/a	White	
79AC0010	n/a	Black	2 x Power, 2 x Twin port Type A and C USB Charger, 1m mains lead to 3 pole connector. On Desk
79AC0011	n/a	Grey	
79AC0012	n/a	White	

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.

White

Grommet Mount Module

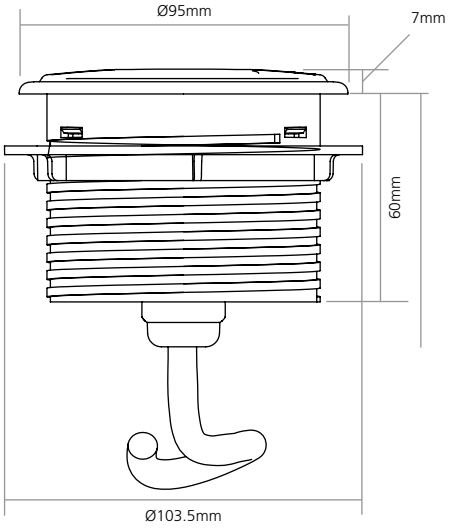
This module is fixed to the desk using an 80mm grommet hole fixing and is secured using a simple screw fit mechanism.

UK Code	Schuko Code	Colour	Description
79050013	Please call	Black	1 x Power, 1 x Twin port 5Amp USB Charger, 1m mains lead to 3 pole connector. Grommet fixing. Grommet hole fixing
79050014	n/a	Grey	
79050015	Please call	White	
79AC0013	Please call	Black	1 x Power, 1 x Twin port Type A and C USB Charger, 1m mains lead to 3 pole connector. Grommet fixing. Grommet hole fixing
79AC0014	n/a	Grey	
79AC0015	Please call	White	
79050016	Please call	Black	2 x Power, 1 x Twin port 5Amp USB Charger, 1m mains lead to 3 pole connector. Grommet fixing. Grommet hole fixing
79050017	n/a	Grey	
79050018	Please call	White	
79AC0016	Please call	Black	2 x Power, 1 x Twin port Type A and C USB Charger, 1m mains lead to 3 pole connector. Grommet fixing. Grommet hole fixing
79AC0017	n/a	Grey	
79AC0018	Please call	White	
79050022	n/a	Black	2 x Power, 2 x Twin port 5Amp USB Charger, 1m mains lead to 3 pole connector. Grommet fixing. Grommet hole fixing
79050023	n/a	Grey	
79050024	n/a	White	
79AC0022	n/a	Black	2 x Power, 2 x Twin port Type A and C USB Charger, 1m mains lead to 3 pole connector. Grommet fixing. Grommet hole fixing
79AC0023	n/a	Grey	
79AC0024	n/a	White	

In Desk Power

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



Features

- Available with a choice of black, white and grey plastic fascia with matching surrounded
- 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

Manage your energy

Connect to Footprint 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.

In Desk Power

Black

Grey

White

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

Code	Colour	Description
90P100007GST	Black/Black Surround	1 x UK Power Socket Power socket 3.15A individually fused with 1m mains lead to 3 Pole connector
90P100008GST	Grey/Grey Surround	
90P125417GST	White/White Surround	
90PD90878GST	Black/Black Surround	1 x UK Power Socket, 1 x RJ45 Cat6 Socket Power socket 3.15A individually fused with 1m mains lead to 3 Pole connector and 3m data lead
90PD100001GST	Grey/Grey Surround	
90PD100002GST	White/White Surround	
90PD102253GST	Black/Black Surround	1 x UK Power Socket, 2 x RJ45 Cat6 Sockets Power socket 3.15A individually fused with 1m mains lead to 3 Pole connector and 2 x 3m data leads
90AV97745GST	Grey/Grey Surround	
90PD105196GST	White/White Surround	
90AV100001GST	Black/Black Surround	1 x UK Power Socket, 1 x USB Socket (Data transfer) Power socket 3.15A individually fused with 1m mains lead to 3 Pole connector and 2m USB lead
90AV100002GST	Grey/Grey Surround	
90AV100003GST	White/White Surround	
90AV95978GST	Black/Black Surround	1 x UK Power Socket, 2 x USB Sockets (Data transfer) Power socket 3.15A individually fused with 1m mains lead to 3 Pole connector and 2 x 2m USB leads
90AV100004GST	Grey/Grey Surround	
90AV94022GST	White/White Surround	
90AV100005GST	Black/Black Surround	1 x UK Power Socket, 1 x RJ45 Cat6 Socket, 1 x USB Socket (Data transfer) Power socket 3.15A individually fused with 1m mains lead to 3 Pole connector, 3m data lead and 2m USB lead
90AV100006GST	Grey/Grey Surround	
90AV82656GST	White/White Surround	

modules power

Data Cables

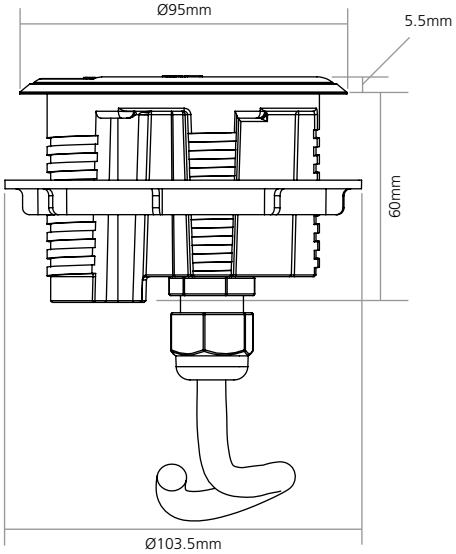
Note: Separate data cables must be purchased when data sockets are required. Other cable lengths are available on request.

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

This latest version of PortHole has been designed to support a range of UK and international sockets and comes complete with integral twin port Type A and C adaptive charger.

PortHole
UK and International Power and USB Charging Module

Now with Type A&C Charger



Features

- Available with a choice of black, white and grey plastic fascia with matching surround
- 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 twin port Type A and C charger
- Designed to fit any desk thickness between 12mm and 42mm

Manage your energy

Connect to Footprint 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.

Black

Grey

4A Dual Port USB Charger

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

Type A and C Dual Port USB Charger

Code	Colour	Description
90AC01BGST	Black/Black Surround	1 x UK Power Socket 1 x Twin Port Type A and C USB Socket Power socket 3.15A individually fused with 1m mains lead to 3 Pole connector
90AC02GGST	Grey/Grey Surround	
90AC03WGST	White/White Surround	
90AC04BGST	Black/Black Surround	1 x UK Power Socket 1 x Twin Port Type A and C USB Socket Power socket 5A individually fused with 1m mains lead to 3 Pole connector
90AC05GGST	Grey/Grey Surround	
90AC06WGST	White/White Surround	
90AC07BGST	Black/Black Surround	1 x Schuko Power Socket 1 x Twin Port Type A and C USB Socket Power socket shuttered with 1m mains lead to 3 Pole connector
90AC08GGST	Grey/Grey Surround	
90AC09WGST	White/White Surround	

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

White

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 1m mains cable to 3 Pole connector
90WP01GGST	Grey/Silver Surround	
90WP01WGST	White/Silver Surround	

In Desk Power

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.

Reveal Power Module

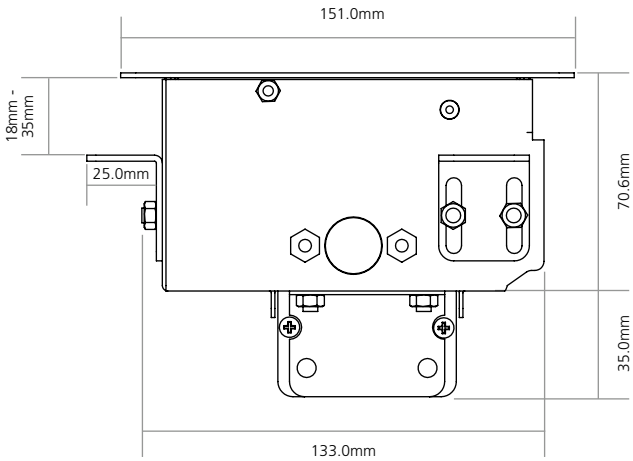
Now with Type A&C Charger

Partially closed position

Fully closed position

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



power modules

In Desk Power

Black

Grey

UK Code	Schuko Code	Colour	Description
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. Small, 341mm x 151mm
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. Small, 341mm x 151mm
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. Small, 341mm x 151mm
78050004	Please call	Black	2 x power, 1 x Twin port 5A USB charger, 2 C6 I/L, 1 x HDMI, 1 x VGA, 1 x mini jack, 3m A/V and Data leads, 1m mains lead to 3 pole connector. Large, 441mm x 151mm
78050005	Please call	Grey	2 x power, 1 x Twin port 5A USB charger, 2 C6 I/L, 1 x HDMI, 1 x VGA, 1 x mini jack, 3m A/V and Data leads, 1m mains lead to 3 pole connector. Large, 441mm x 151mm
78050006	Please call	White	2 x power, 1 x Twin port 5A USB charger, 2 C6 I/L, 1 x HDMI, 1 x VGA, 1 x mini jack, 3m A/V and Data leads, 1m mains lead to 3 pole connector. Large, 441mm x 151mm

White

UK Code	Schuko Code	Colour	Description
78AC0001	Please call	Black	2 x Power, 1 x Twin port Type A and C USB charger, 1 x HDMI, 3m HDMI lead, 1m mains lead to 3 pole connector. Small, 341mm x 151mm
78AC0002	Please call	Grey	2 x Power, 1 x Twin port Type A and C USB charger, 1 x HDMI, 3m HDMI lead, 1m mains lead to 3 pole connector. Small, 341mm x 151mm
78AC0003	Please call	White	2 x Power, 1 x Twin port Type A and C USB charger, 1 x HDMI, 3m HDMI lead, 1m mains lead to 3 pole connector. Small, 341mm x 151mm
78AC0004	Please call	Black	2 x Power, 1 x Twin port Type A and C USB charger, 2 C6 I/L, 1 x HDMI, 1 x VGA, 1 x mini jack, 3m A/V and Data leads, 1m mains lead to 3 pole connector. Large, 441mm x 151mm
78AC0005	Please call	Grey	2 x Power, 1 x Twin port Type A and C USB charger, 2 C6 I/L, 1 x HDMI, 1 x VGA, 1 x mini jack, 3m A/V and Data leads, 1m mains lead to 3 pole connector. Large, 441mm x 151mm
78AC0006	Please call	White	2 x Power, 1 x Twin port Type A and C USB charger, 2 C6 I/L, 1 x HDMI, 1 x VGA, 1 x mini jack, 3m A/V and Data leads, 1m mains lead to 3 pole connector. Large, 441mm x 151mm

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.

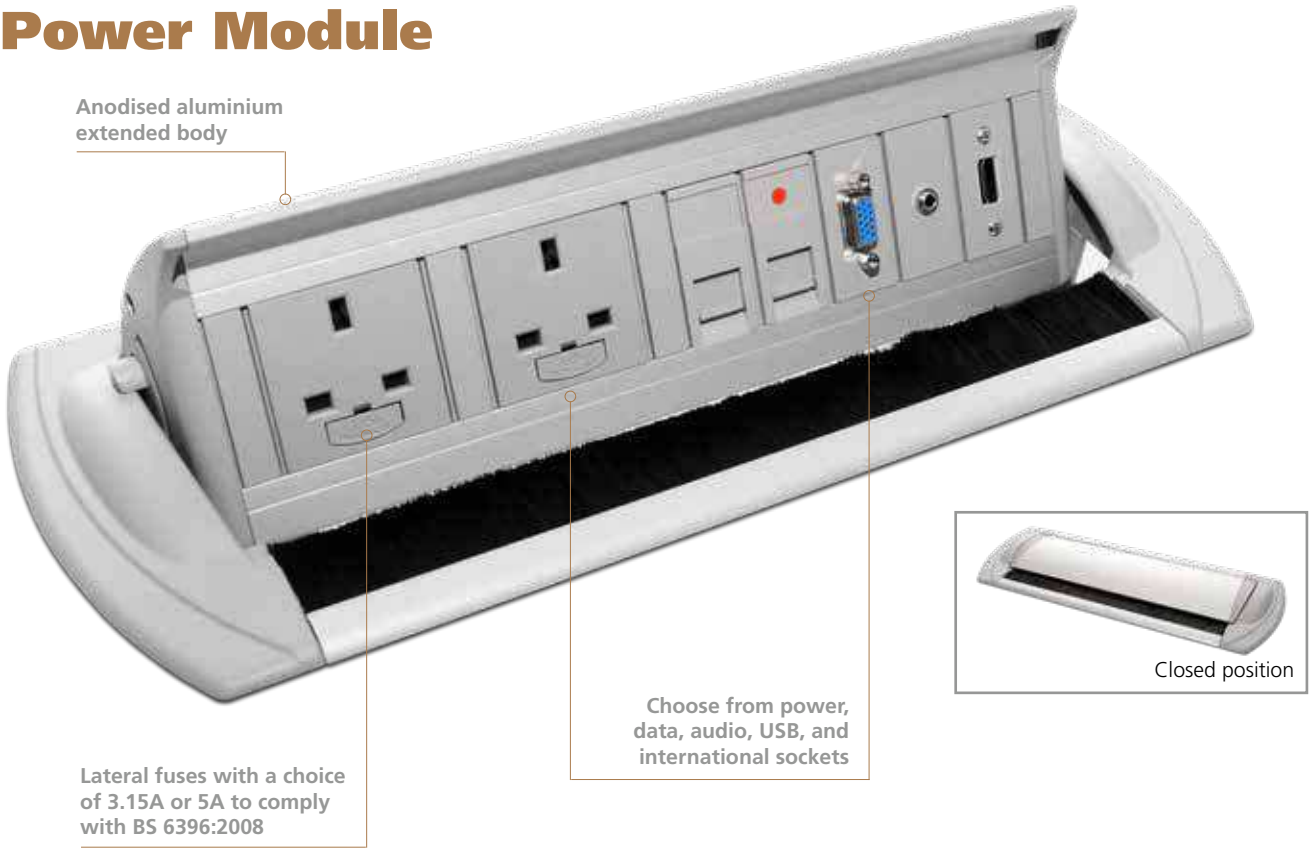
Data Cables: CMD cannot accept any responsibility or liability for providing category 6 performance in products supplied. CMD cannot accept any responsibility or liability for providing HDMI performance in products supplied over 5m in length.

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.

In Desk Power

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.

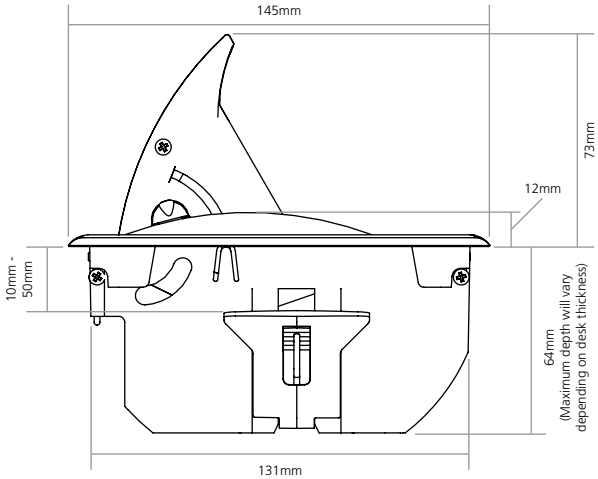
Affinity Power Module



power modules

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



In Desk Power

UK Code	Description
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
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

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 A/V leads Product cutout dimensions: 132mm x 299mm

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.

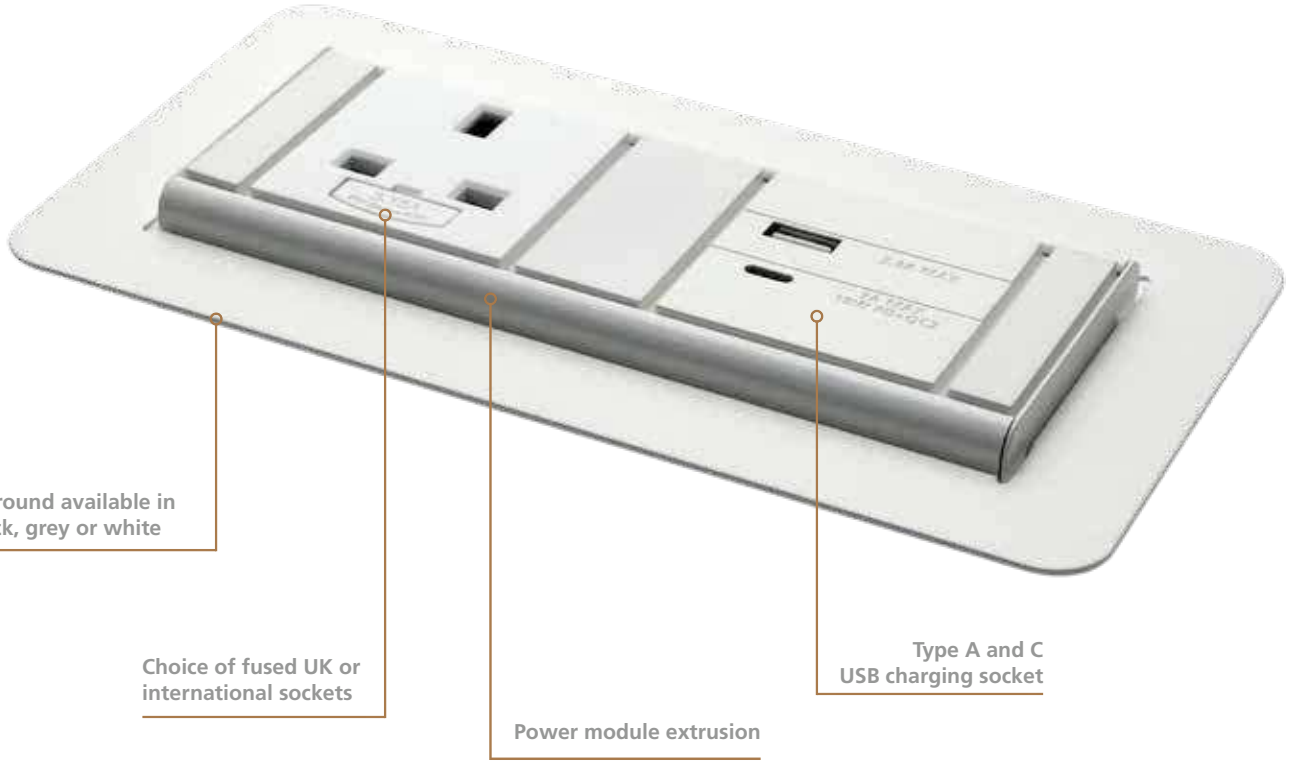
Data Cables: CMD cannot accept any responsibility or liability for providing category 6 performance in products supplied. CMD cannot accept any responsibility or liability for providing HDMI performance in products supplied over 5m in length.

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.

In Desk Power

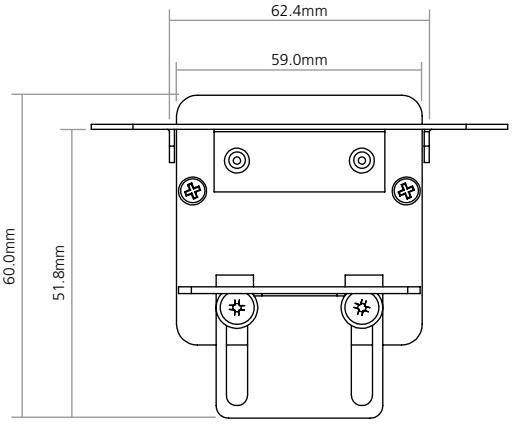
Surface is a new module designed to fit the horizontal surface of any furniture. It features a seamless surround that is available in black, grey or white but can also be finished in stainless steel (Please call for details). The socket faces have been specifically designed to stand proud of the furniture 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



Features

- 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

In Desk Power

Black

Grey

White

UK Code	Schuko	Colour	Description
77050001	Please call	Black	1 x Power, 1 x Twin port 5Amp USB Charger, 1m mains lead to 3 pole connector
77050002	Please call	Grey	1 x Power, 1 x Twin port 5Amp USB Charger, 1m mains lead to 3 pole connector
77050003	Please call	White	1 x Power, 1 x Twin port 5Amp USB Charger, 1m mains lead to 3 pole connector
77AC0001	Please call	Black	1 x Power, 1 x Twin port Type A and C USB Charger, 1m mains lead to 3 pole connector
77AC0002	Please call	Grey	1 x Power, 1 x Twin port Type A and C USB Charger, 1m mains lead to 3 pole connector
77AC0003	Please call	White	1 x Power, 1 x Twin port Type A and C USB Charger, 1m mains lead to 3 pole connector

UK Code	Schuko	Colour	Description
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
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
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
77AC0007	Please call	Black	2 x Power, 1 x Twin port Type A and C USB Charger, 2 x RJ45 data Cat 6, 1x HDMI, 1 x MJ, 1 x VGA, 1m mains lead to 3 pole connector
77AC0008	Please call	Grey	2 x Power, 1 x Twin port Type A and C USB Charger, 2 x RJ45 data Cat 6, 1x HDMI, 1 x MJ, 1 x VGA, 1m mains lead to 3 pole connector
77AC0009	Please call	White	2 x Power, 1 x Twin port Type A and C USB Charger, 2 x RJ45 data Cat 6, 1x HDMI, 1 x MJ, 1 x VGA, 1m mains lead to 3 pole connector

UK Code	Schuko	Colour	Description
77050004	Please call	Black	2 x Power, 1 x Twin port 5Amp USB Charger, 1m mains lead to 3 pole
77050005	Please call	Grey	2 x Power, 1 x Twin port 5Amp USB Charger, 1m mains lead to 3 pole
77050006	Please call	White	2 x Power, 1 x Twin port 5Amp USB Charger, 1m mains lead to 3 pole
77AC0004	Please call	Black	2 x Power, 1 x Twin port Type A and C USB Charger, 1m mains lead to 3 pole
77AC0005	Please call	Grey	2 x Power, 1 x Twin port Type A and C USB Charger, 1m mains lead to 3 pole
77AC0006	Please call	White	2 x Power, 1 x Twin port Type A and C USB Charger, 1m mains lead to 3 pole

UK Code	Schuko	Colour	Description
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
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
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 connector
77AC0010	Please call	Black	3 x Power, 1 x Twin port Type A and C 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
77AC0011	Please call	Grey	3 x Power, 1 x Twin port Type A and C 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
77AC0012	Please call	White	3 x Power, 1 x Twin port Type A and C 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

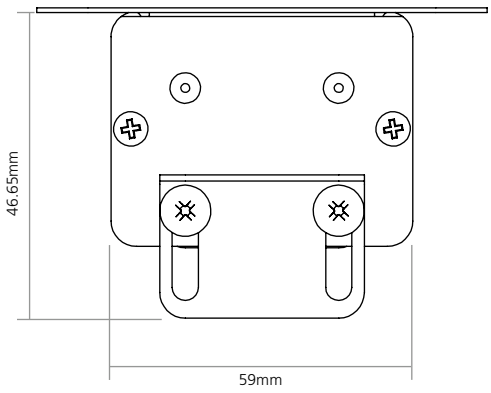
Furniture Power

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

Black

Grey

White

UK Code	Schuko	Colour	Description
77550001	Please call	Black	Portrait. 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
77550003	Please call	White	Portrait. 1 x Power, 1 x Twin port 5Amp USB Charger, 1m mains lead to 3 pole connector
775AC001	Please call	Black	Portrait. 1 x Power, 1 x Twin port Type A and C USB Charger, 1m mains lead to 3 pole connector
775AC002	Please call	Grey	Portrait. 1 x Power, 1 x Twin port Type A and C USB Charger, 1m mains lead to 3 pole connector
775AC003	Please call	White	Portrait. 1 x Power, 1 x Twin port Type A and C USB Charger, 1m mains lead to 3 pole connector

UK Code	Schuko	Colour	Description
77550004	Please call	Black	Landscape. 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
77550006	Please call	White	Landscape. 1 x Power, 1 x Twin port 5Amp USB Charger, 1m mains lead to 3 pole connector
775AC004	Please call	Black	Landscape. 1 x Power, 1 x Twin port Type A and C USB Charger, 1m mains lead to 3 pole connector
775AC005	Please call	Grey	Landscape. 1 x Power, 1 x Twin port Type A and C USB Charger, 1m mains lead to 3 pole connector
775AC006	Please call	White	Landscape. 1 x Power, 1 x Twin port Type A and C 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.

Portrait

Landscape

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.

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

Data fascias may be subject to colour change.

Elite+ and Elitei Power Module

Elite+ is a moulded plastic power module, great when affordability is top priority.

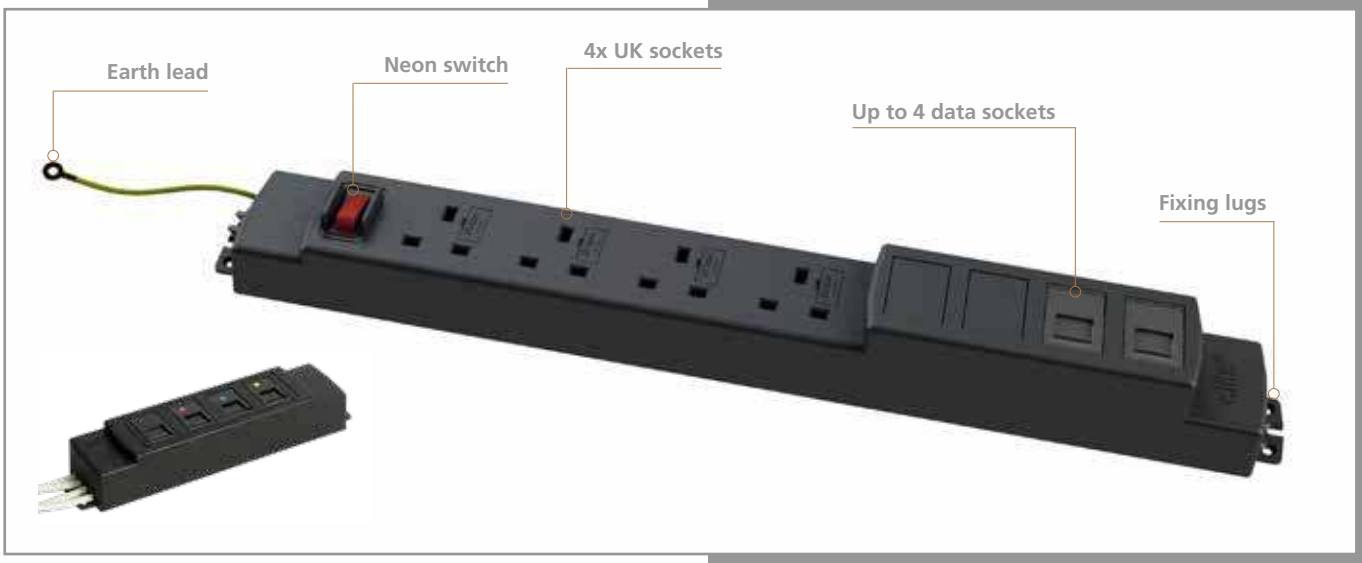
- Requires a separate mains lead
- Product independently tested to BS5733
- 6 gang option only available with 3.15A fuse

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 Power

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, 2x data blanks with 3m data leads
92K020	4x RJ45 CAT6 data sockets with 3m data leads

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.

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

Under Desk Power

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

power modules

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

Out-feeds
- 3 and 4 Pole Connector

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

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

Sockets
- Std UK 45° and 90°
- Std UK fused 45° and 90° (3.15A and 5A)
- T-earth 90°
- T-earth 90° fused (3.15A and 5A)
- Round-earth 90°
- Round earth fused 45° and 90°
- 3.15A and 5A
- French / Belgian
- Swiss
- American
- Danish
- Indian 6A
- IEC C13 and C19
- German
- Italian

Conduit
- Metal

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

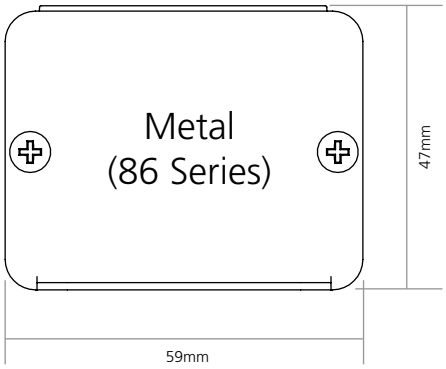
Please note that we supply two types of Neutrik connectors and sockets; grey are designed for use with 'Clean' underfloor busbars and tap offs and black are designed for use with 'Standard', 'Auxiliary Earth' and 'Three Phase' underfloor busbars and tap offs.

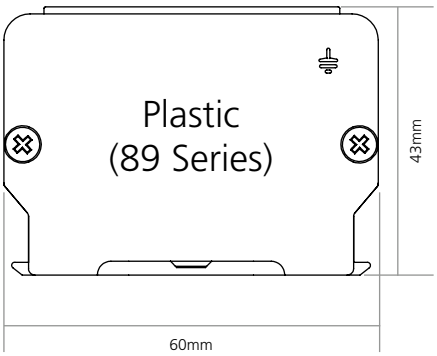
Under Desk Power

Grey/Silver

White/Silver

All Black





Also available
with Wieland input

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 30mA RCBO, 4 x UK sockets, end cap
86KS06	n/a	Standard 5m 32A Unfused Tap Off BSX3325H, 16A 30mA 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 30mA RCBO, 4 x UK sockets, end cap
86KC06	n/a	Clean Earth 5m 32A Unfused Tap Off BCX4325H, 16A 30mA 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.

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.

Under Desk Power

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.

Features

- 32A internal copper busbar
- 360° rotatable sockets
- Easy fit modular system
- Integrated power and data
- Quality manufacture and testing (Kite Mark and BSI Certified to BS 5733)
- Standard, low noise / clean earth and dual circuit options
- 32A system conforms to BS 7671 Amd 3 section 543.7 for high protective conductor currents
- Can be used to comply with BS 6396
- Termination to other tap offs are available on request

Clean Earth and fused options available

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

Step 1
Infeed - Available in 32A and 16A options

Step 2
Protection/Switching - A variety of modules are available

Step 3
Sockets - Modules are available with 2, 3 or 4 sockets, fused and unfused

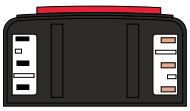
Step 4
Flexible Interconnect - 32A and 16A modules are available in standard lengths

Step 5
Data/End Cap - Choose data or an end cap to complete your system

Coloured Busbar Shield System

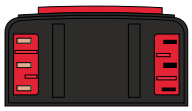
When connecting modules together, ensure that the coloured busbar shields are colour matched and correctly aligned. Do not connect modules if shields are of different colours.

Standard system



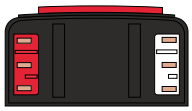
White White

Clean system



Red Red

Dual system



Red White

Under Desk Power

rotasoc®

power modules

32Amp Infeed Module

117mm (36mm high)

BS 1362 Protection Module

79.3mm (56mm high)

Fixing points 79mm (centres)

MCB, RCD Protection Module

161.5mm (90mm high)

Fixing points 162mm (centres)

2 Gang Socket Module

131mm (33mm high)

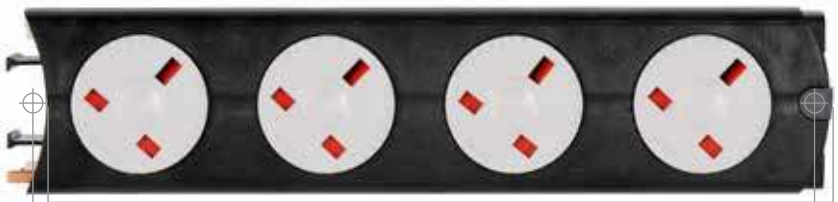
Fixing points 131mm (centres)

3 Gang Socket Module

190.9mm (33mm high)

Fixing points 191mm (centres)

4 Gang Socket Module



250.8mm (33mm high)

Fixing points 251mm (centres)

Flexible interconnect

44.8mm
(35.7mm high)

44.5mm
(35.7mm high)

End Cap

24.5mm
(31mm high)

Data Module

162.2mm

171.7mm (33.8mm high)

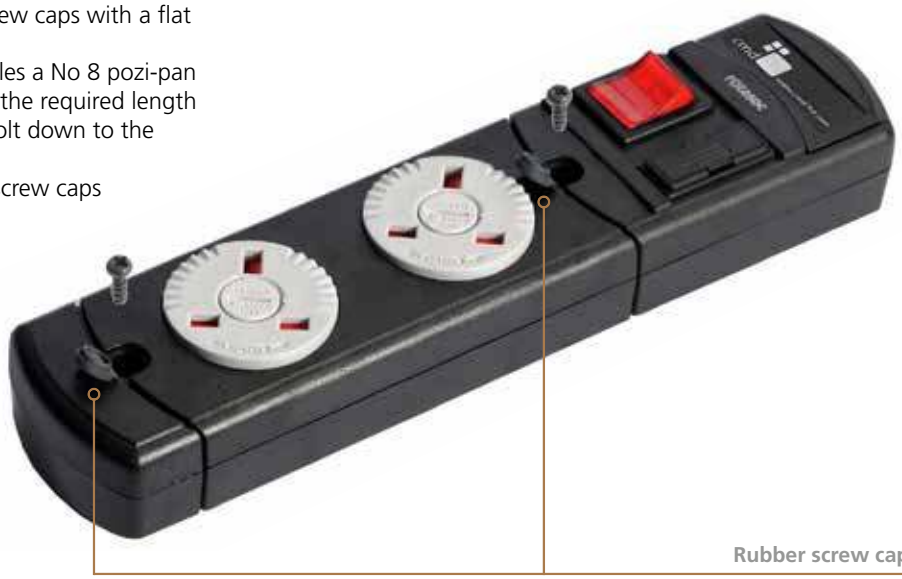
To connect the Rotasoc modules

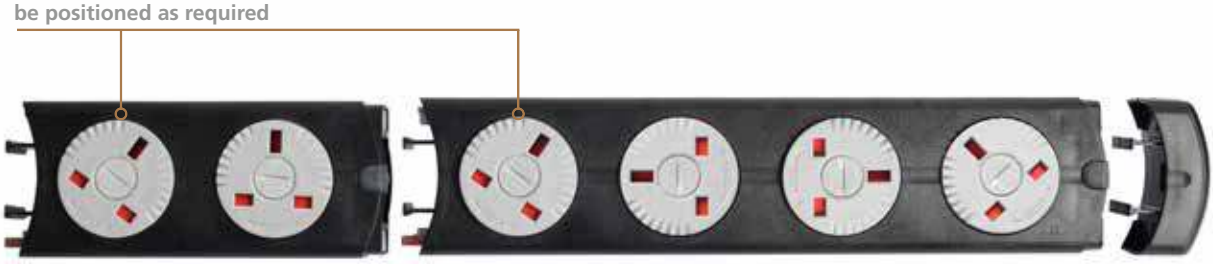
1. Check that both male and female ends have the same colour coded busbar shields
2. Turn modules over and lift the grey cam-lock lever with a small screwdriver into the upright position
3. Locate the male and female ends and push together until fully closed
4. Press the grey cam-lock lever over until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

Connection to be made by a competent person only.

To fix modules to a surface

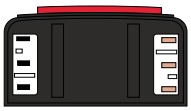
1. Flip up all rubber screw caps with a flat blade screwdriver
2. Insert through all holes a No 8 pozi-pan screw or M4 bolt to the required length
3. Tighten the screw/bolt down to the mounting surface
4. Replace the rubber screw caps





Under Desk Power

rotasoc® Standard System



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
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

Code	Switching/Protection Modules
RAB401	BS 1362 Fuse Protection Module Standard
RAB402	BS 1362 Fuse and Switch Neon Protection Module Standard
RAB403	BS 1362 Fuse and Neon Protection Module Standard
RAB405	32A 30mA RCD Module Standard
RAB420	16A MCB Type "C" Protection Module Standard
RAB450	16A 30mA Residual Current Operated Circuit Breaker Type "C" Protection Module Standard
RAB460	20A 30mA Residual Current Operated Circuit Breaker Type "C" Protection Module Standard
RAB470	32A 30mA Residual Current Operated Circuit Breaker Type "C" Protection Module Standard

Code	Socket Modules
RAB502	2 Gang Non-fused Socket Module Black Body Grey Sockets Standard
RAB503	3 Gang Non-fused Socket Module Black Body Grey Sockets Standard
RAB504	4 Gang Non-fused Socket Module Black Body Grey Sockets Standard
RAB532	2 Gang 3.15A Individually Fused Socket Module Black Body Grey Sockets Standard
RAB533	3 Gang 3.15A Individually Fused Socket Module Black Body Grey Sockets Standard
RAB534	4 Gang 3.15A Individually Fused Socket Module Black Body Grey Sockets Standard
RAB552	2 Gang 5A Individually Fused Socket Module Black Body Grey Sockets Standard
RAB553	3 Gang 5A Individually Fused Socket Module Black Body Grey Sockets Standard
RAB554	4 Gang 5A Individually Fused Socket Module Black Body Grey Sockets Standard

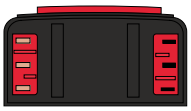
Code	32 Amp Interconnects
RAB703	0.3m 32A Male to Female Interconnecting Nylon Conduit Standard
RAB705	0.5m 32A Male to Female Interconnecting Nylon Conduit Standard
RAB710	1m 32A Male to Female Interconnecting Nylon Conduit Standard
RAB720	2m 32A Male to Female Interconnecting Nylon Conduit Standard
RAB730	3m 32A Male to Female Interconnecting Nylon Conduit Standard
RAB750	5m 32A Male to Female Interconnecting Nylon Conduit Standard

Code	16Amp Interconnects
RAB603	0.3m 16A Male to Female Interconnecting Cable Standard
RAB605	0.5m 16A Male to Female Interconnecting Cable Standard
RAB610	1m 16A Male to Female Interconnecting Cable Standard
RAB620	2m 16A Male to Female Interconnecting Cable Standard
RAB630	3m 16A Male to Female Interconnecting Cable 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

Under Desk Power

Clean System

rotasoc



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
RAC113	32A Infeed Module c/w 3m 13A Fused Metal Conduit Tap Off Betatrak PBSX3133H Standard
RAC114	32A Infeed Module c/w 5m 13A Fused Metal Conduit Tap Off Betatrak PBSX3135H Standard
RACX2134	32A Infeed 32A Neutrik Clean

Code	Switching/Protection Modules
RAC401	BS 1362 Fuse Protection Module Clean
RAC402	BS 1362 Fuse and Switch Neon Protection Module Clean
RAC403	BS 1362 Fuse and Neon Protection Module Clean
RAC405	32A 30mA RCD Module Clean
RAC420	16A MCB Type "C" Protection Module Clean
RAC450	16A 30mA Residual Current Operated Circuit Breaker Type "C" Protection Module Clean
RAC460	20A 30mA Residual Current Operated Circuit Breaker Type "C" Protection Module Clean
RAC470	32A 30mA Residual Current Operated Circuit Breaker Type "C" Protection Module Clean

Code	32 Amp Interconnects
RAC703	0.3m 32A Male to Female Interconnecting Nylon Conduit Clean
RAC705	0.5m 32A Male to Female Interconnecting Nylon Conduit Clean
RAC710	1m 32A Male to Female Interconnecting Nylon Conduit Clean
RAC720	2m 32A Male to Female Interconnecting Nylon Conduit Clean
RAC730	3m 32A Male to Female Interconnecting Nylon Conduit Clean
RAC750	5m 32A Male to Female Interconnecting Nylon Conduit Standard

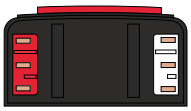
Code	16 Amp Infeed 2P+CE
RAC201	16A Rewirable Infeed Module Non-Switched/ Non-Fused Clean
RAC003	16A Infeed Module Non-Switched/Non-Fused c/w 3m lead and 13A BS 1363 Plug Clean
RAC005	16A Infeed Module Non-Switched/Non-Fused c/w 5m lead and 13A BS 1363 Plug Clean

Code	Socket Modules
RAC502	2 Gang Non-fused Socket Module Black Body Red Sockets Clean
RAC503	3 Gang Non-fused Socket Module Black Body Red Sockets Clean
RAC504	4 Gang Non-fused Socket Module Black Body Red Sockets Clean
RAC532	2 Gang 3.15A Individually Fused Socket Module Black Body Red Sockets Clean
RAC533	3 Gang 3.15A Individually Fused Socket Module Black Body Red Sockets Clean
RAC534	4 Gang 3.15A Individually Fused Socket Module Black Body Red Sockets Clean
RAC552	2 Gang 5A Individually Fused Socket Module Black Body Red Sockets Clean
RAC553	3 Gang 5A Individually Fused Socket Module Black Body Red Sockets Clean
RAC554	4 Gang 5A Individually Fused Socket Module Black Body Red Sockets Clean

Code	16 Amp 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
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

Under Desk Power

rotasoc® **Dual System**



Rotasoc® is also available as a Dual System.
Please call our sales team for more information.

power modules

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

Power Accessories

Cables and Connectors

- 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

UK Code Black	Schuko Code Black	UK Code White	Schuko Code White	Length
601110GST	600939GST	601210GST	600722GST	1m
601115GST	600502GST	601215GST	600723GST	1.5m
601120GST	600594GST	601220GST	601401GST	2m
601130GST	600037GST	601230GST	600538GST	3m
601140GST	600943GST	601240GST	600726GST	4m
601150GST	601200GST	601250GST	600727GST	5m
601160GST	600718GST	601260GST	600728GST	6m
601170GST	600983GST	601270GST	600729GST	7m
601179GST	600719GST	601280GST*	600730GST	8m
601180GST	600720GST	601290GST*	600731GST	9m
600965GST	600721GST	601299GST*	600732GST	10m

*Note: Subject to availability and lead times.

Male 3 Pole Connector to Female 3 Pole Connector

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

*Note: Subject to availability and lead times.

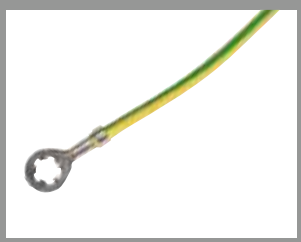
GST/ST Connector Blocks

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.

Code	Length
640199	200mm
640200	300mm
640201	500mm



Power Accessories

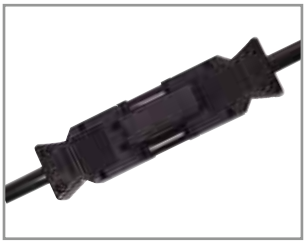
16 Series Self-Fit Connectors (Pack of 10)

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

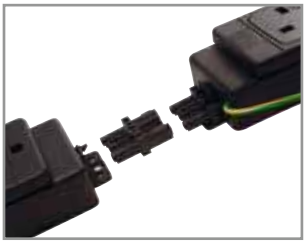
16 Series Cable Locking Clip

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

*Note: Subject to availability and lead times. **(to suit the self fit connectors)

All images are for illustration purposes only.

Energy Management

Power Modules | Gateway | The Dashboard

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

energy management

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.

Energy Management

management energy

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 ELECTRICAL industry awards HIGHLY COMMENDED 2012

Sheffield Business Awards

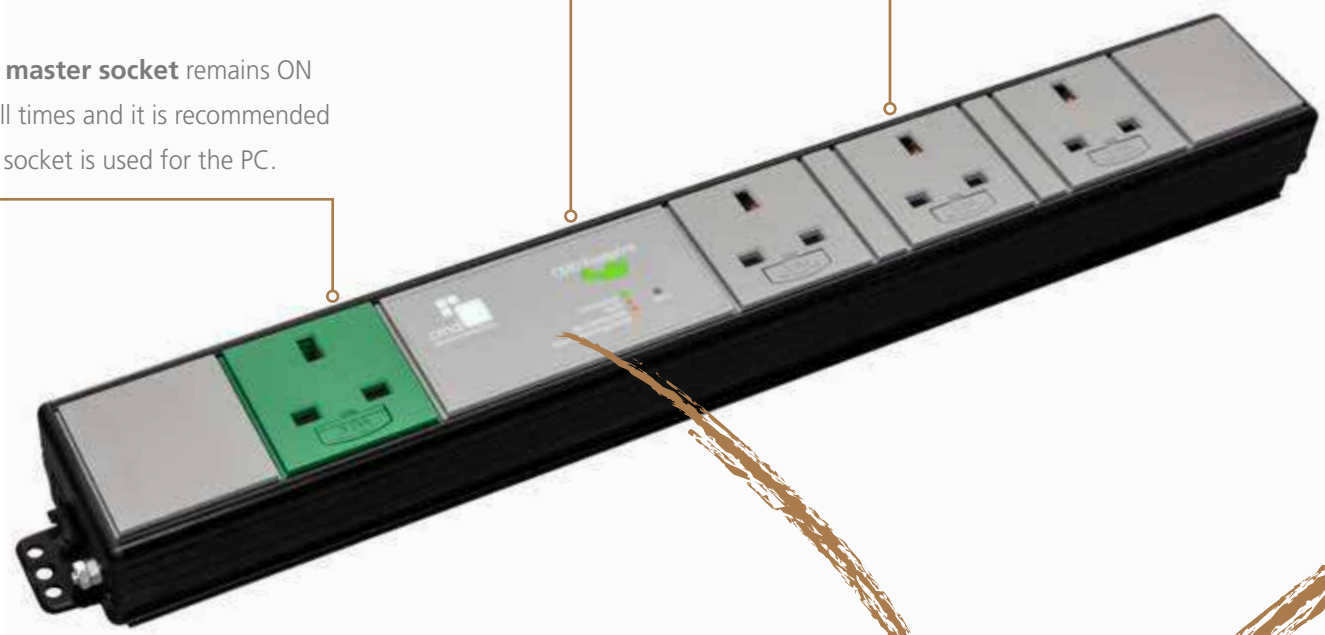
MADE IN SHEFFIELD

Energy Management

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

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

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



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.

energy management

Energy Management

Data is sent via the gateway and is displayed in a user friendly format on **the dashboard.** This allows users to schedule, set thresholds, and control all connected modules.

Build it your way

Please see page 31 for more information.

Note: 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.

Energy Management

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.

1 **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.

2 **The gateway**

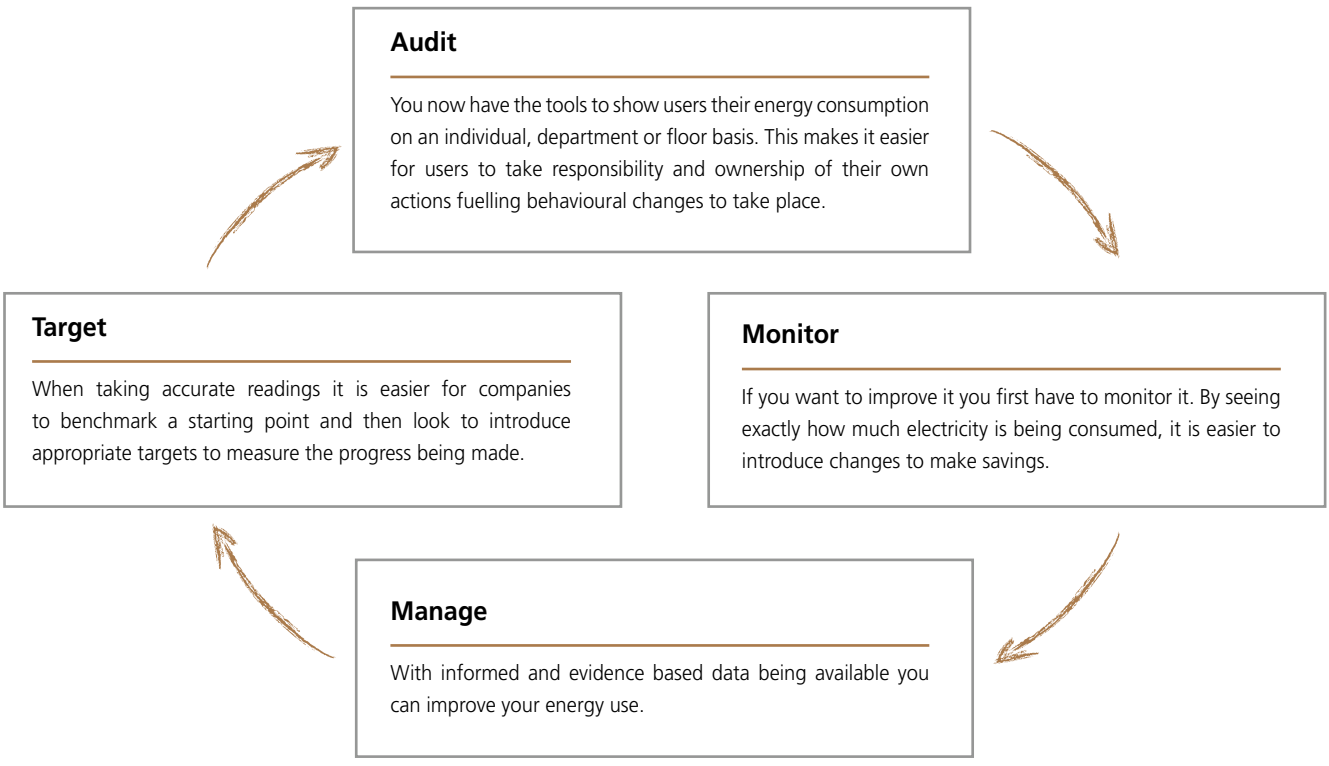
The Gateway is the hub of the system. The gateway sends messages from devices, equipment or web browsers using SSL certificates to encrypt the information that is passed. The SSL certificate provides encryption between the web browser or device and the host server platform and implements 128 bit AES/TLS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

3 **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.

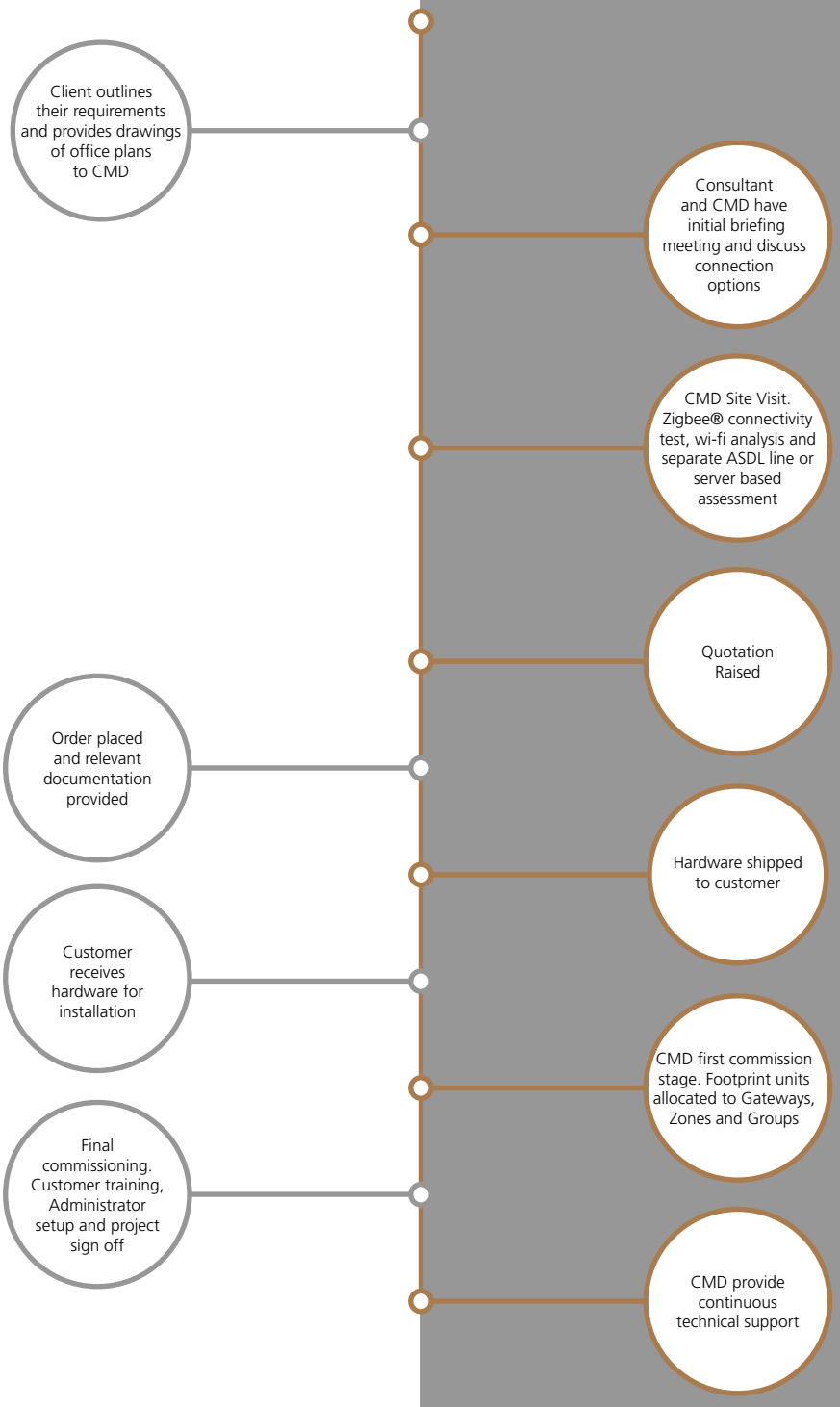
4 **The dashboard**

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, CO^2, and KWh used. Not only a monitoring tool, the Dashboard allows you to control the entire system.



External Process

CMD Process



Code	Description
89E001GST	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

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.

energy management

576kgs Aluminium swarf

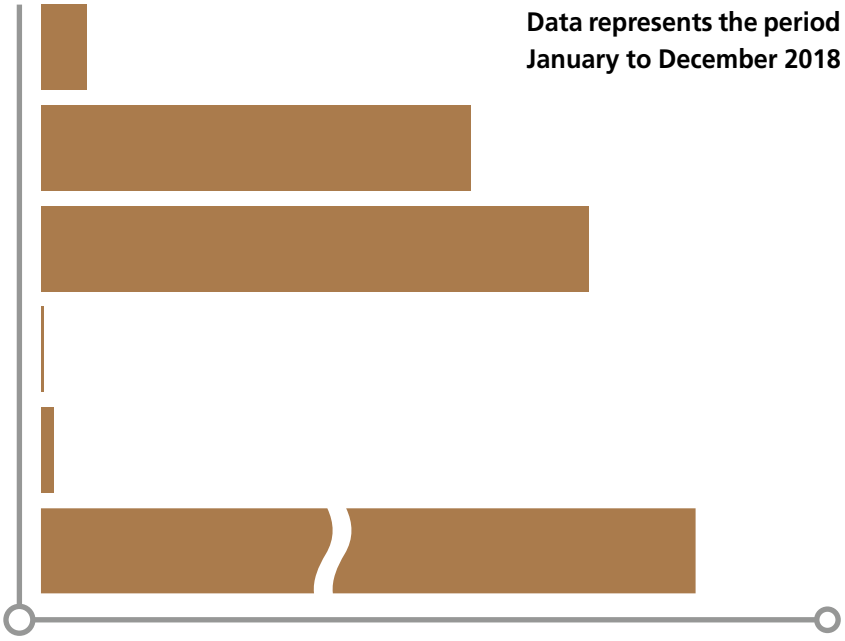
4785kgs Aluminium scrap

5744kgs Cable off cuts

29kgs Brass

101kgs Copper off cuts

141285kgs Ferrous metals



Data represents the period January to December 2018

Power Distribution

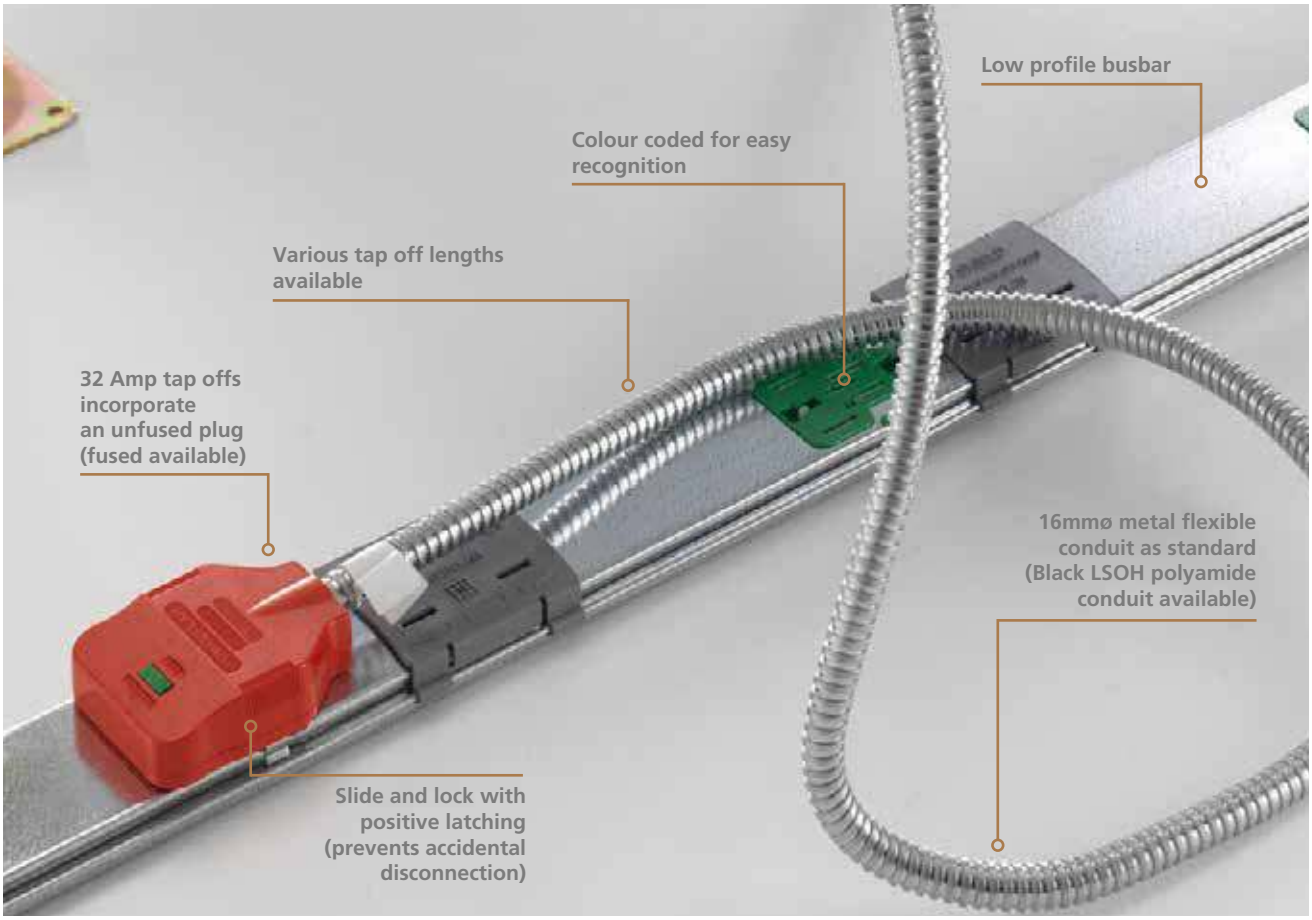
Betatrak Busbars | Floor Boxes | Cable Hives

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.

Underfloor Busbar

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

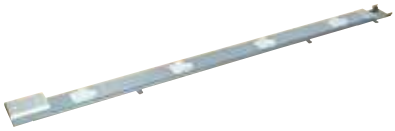
Betatrak® used within raised access floors is normally arranged in parallel runs with the feed units to the Betatrak® orientated towards the incoming supply. This offers an economic format inherent in long straight runs. Spacing should be a maximum of 5 metres between each length of track and 2.5 metres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



Length	No of Sockets	Centres (mm)	Standard White 63 Amp	Clean Earth (CE) (Low Noise Earth) Red 63 Amp	Auxiliary Black 63 Amp	Dual Circuit (Standard/Low Noise) Green 63 Amp	3 Phase Blue 63 Amp
3.6m	12	300	PBST3336	PBCT4336	PBAT3336	PBDT6336	PBTT5336
2.4m	8	300	PBST3324	PBCT4324	PBAT3324	PBDT6324	PBTT5324
1.8m	6	300	PBST3318	PBCT4318	PBAT3318	PBDT6318	PBTT5318
1.2m	4	300	PBST3312	PBCT4312	PBAT3312	PBDT6312	PBTT5312
Feed Unit			PBSF3010/SM	PBCF4010/SM	PBAF3010/SM	PBDF6010	PBTF5010
Flexible Corner		1m	PBSB3031H/SM	PBCB4031H/SM	PBAB3031H/SM	PBDB6031H	PBTB5031H
		2m	PBSB3032H/SM	PBCB4032H/SM	PBAB3032H/SM	PBDB6032H	PBTB5032H
Flexible Corner Kit			PBSB3000/SM	PBCB4000/SM	PBAB3000/SM	PBDB6000	PBTB5000

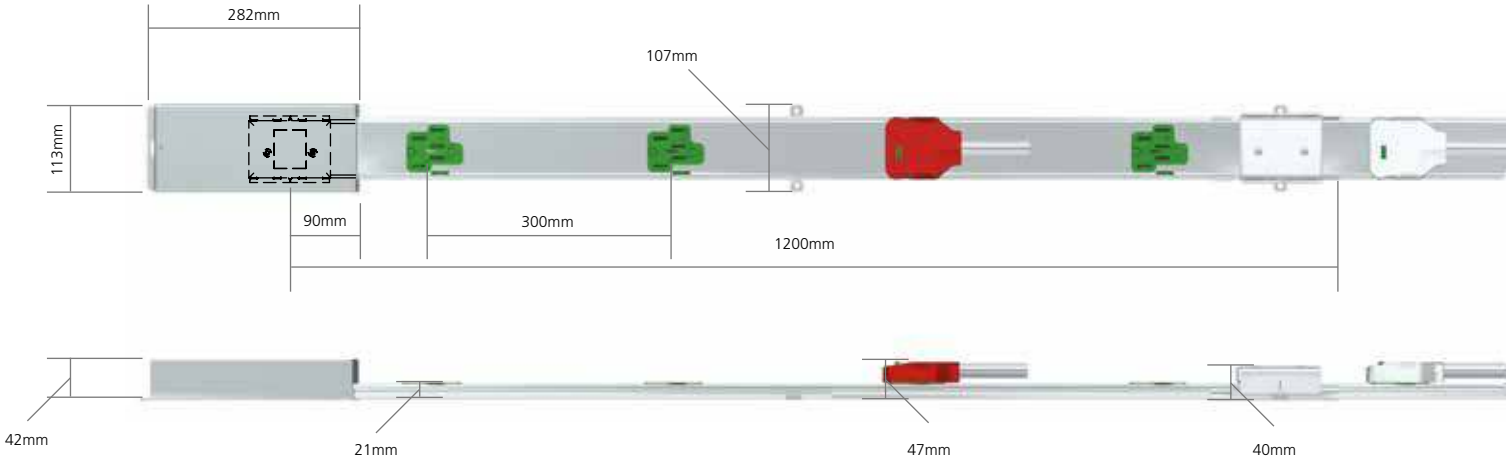
Underfloor Busbar

How to install the Busbar

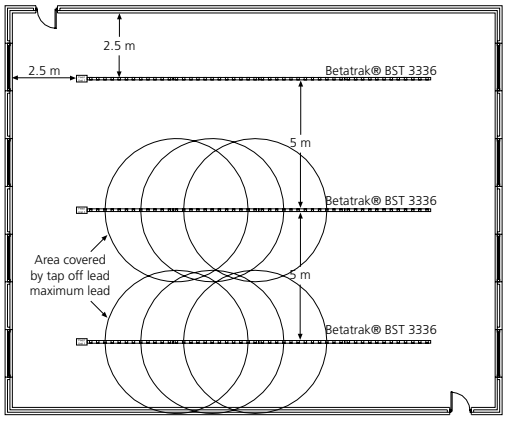
Starting with the feed unit, remove the dust cover over the colour coded socket and simply snap the integral coupler, pre-installed on the busbar, into the feed socket. The next length of track is then fitted to the socket end of the first length of busbar as previously described, this is then repeated 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.

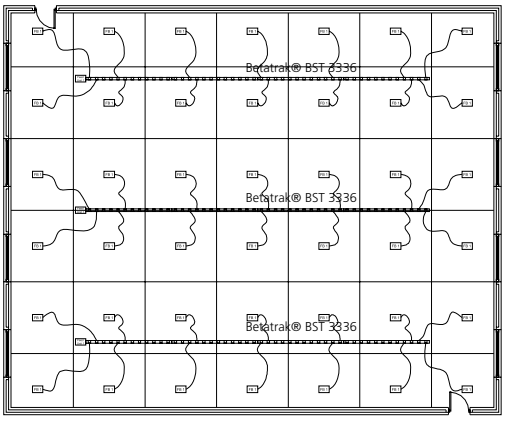
The scope of Reg. 543.7.1.3 requires that every final circuit is intended to supply one or more items of equipment, where the total protective conductor current is likely to exceed 10mA. in normal use, shall have a high protective connection.



Typical Floor Layouts



Busbar
3m tap offs provide full coverage when busbar is laid out on 5m centres.



Floor Boxes
Typical layout: 1 floor box for every 10m².

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.

Underfloor Busbar

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					10 kA Peak	
Short time withstand current					1200A for 0.4 Sec	
Volt Drops (Line and Neutral)	Busbars				3.2	mV/A/m
	Feed Unit				0.4	mV/A
	Track Coupler				0.6	mV/A/m
	Tap off Connection				0.5	mV/A
	+4mm² Cable				11.00	mV/A/m
	+2.5mm²				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
	+2.5mm² and 4mm² Cable				14.5	mΩ/m
	Flexible Corner Unit				4.0	mΩ
	+10mm² 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 (Where casing is protective Earth)					14	mm²
Cable Termination Capacity					16	mm²
Tap off Cable 32Amp (BS 7211)					4.0	mm²
Tap off Cable 13Amp fused (BS 7211)					2.5	mm²
Tap off Conduit Sizes					Ø16 or Ø20	mm
Flexible Corner Unit Cable (BS 7211)					10	mm²
Flexible Interlink Conduit					Ø25	mm
Feed Conduit Entry					1 or 2 x Ø25	mm
IP Rating BS EN 60529					4X	
Minimum void depth (track + tap off)					47 (59*)	mm
Material Specification						
Betatrak® Casing	Galvanised Steel					
Busbars	High Conductivity Copper					
Busbar Insulators and Coupling Mould	Flame Retardant Polycarbonate					
Couple Contacts	Copper					
Feed Unit Terminals	Brass Silver Plated					
Tap off Socket and Plug Mouldings	Flame Retardant Polycarbonate					
Tap off Shutter	Polyester					
Tap off Plug Ins	Brass					
Tap off Cable	LSOH BS 7211					
Flexible Corner Cable	Tri Rated BS 6231					
Ambient Temperature Control Factors						
Temperature	25C	30C	35C		40C	50C
Factor	1.13	1.07	1.0		0.93	0.75

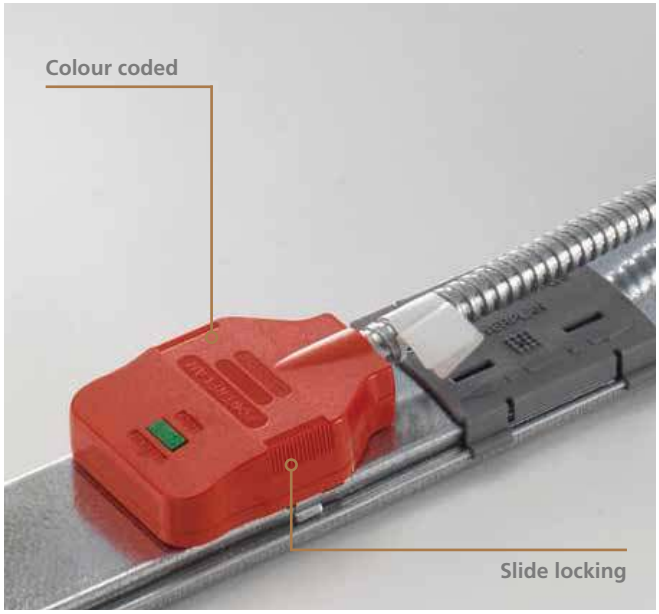
*Allowance for plug pins.

Betatrak products have 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 4mm^2 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

1. 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

*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

32 Amp 3 metre tap off

32 Amp 3 metre tap off unit is comprised of an unfused plug with 16mmØ 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:

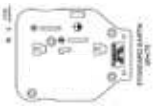
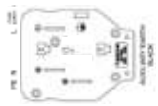
1. Maximum length of cable is <3 metres
2. Minimum risk of faults as the item is factory assembled and fully tested
3. Fully protected by flexible steel conduit located within raised access floor that offers further protection

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.

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

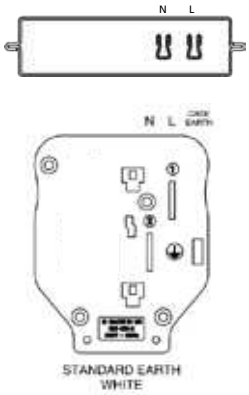
Numerous configurations of tap off units including fuse options are available on request. Longer lengths available on request. CMD tap off units conform to the high integrity protective requirement by virtue of using a protective conductor of 4mm enclosed within a flexible conduit, thus providing additional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

Mechanical data	Track type	Tap off type
Standard earth White 63 Amp		
Clean earth (CE) (low noise earth) Red 63 Amp		
Auxiliary earth Black 63 Amp		
Dual circuit (standard/low noise) Green 63 Amp		
3 phase Blue 63 Amp		

Mechanical data	
Tap off cable 32 Amp (BS 7211)	4.0 mm²
Tap off cable 13 Amp fused (BS 7211)	2.5 mm²
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

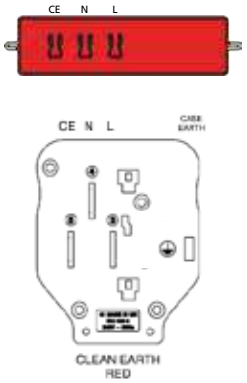
Tap Offs

Standard Earth - 63 Amp



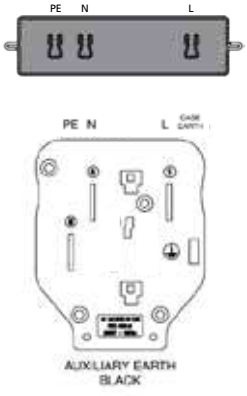
Code	Description
Betatrak®	
PBST3336	3.6 Metre Length
PBST3324	2.4 Metre Length
PBST3318	1.8 Metre Length
PBST3312	1.2 Metre Length
PBSF3010/SM	Feed Unit c/w End Stop
PBSB3000/SM	Flexible Corner Kit
PBSB3031H/SM	Flexible Corner - 1 Metre
PBSB3032H/SM	Flexible Corner - 2 Metre
Tap Offs	
PBSX3323H	3 Metre 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



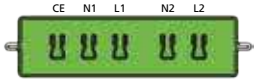
Code	Description
Betatrak®	
PBCT4336	3.6 Metre Length
PBCT4324	2.4 Metre Length
PBCT4318	1.8 Metre Length
PBCT4312	1.2 Metre Length
PBCF4010/SM	Feed Unit c/w End Stop
PBCB4000/SM	Flexible Corner Kit
PBCB4031H/SM	Flexible Corner - 1 Metre
PBCB4032H/SM	Flexible Corner - 2 Metre
Tap Offs	
PBCX4323H	3 Metre 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

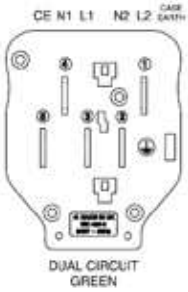
Auxiliary Earth - 63 Amp



Code	Description
Betatrak®	
PBAT3336	3.6 Metre Length
PBAT3324	2.4 Metre Length
PBAT3318	1.8 Metre Length
PBAT3312	1.2 Metre Length
PBAF3010/SM	Feed Unit c/w End Stop
PBAB3000/SM	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

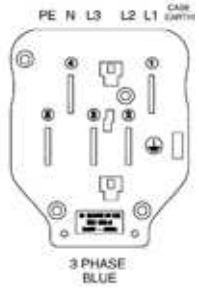
Dual Circuit - 63 Amp





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
PPA7842K	5m, 32 Amp unfused, Std Auxiliary Earth Tap off c/w 32 Amp Neutrik
PPA8306	5m, 32 Amp unfused, Clean Earth Tap off c/w 32 Amp Neutrik
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
DATE(S) OF TESTS:	26th February - 23rd August 2016

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

Floor Boxes

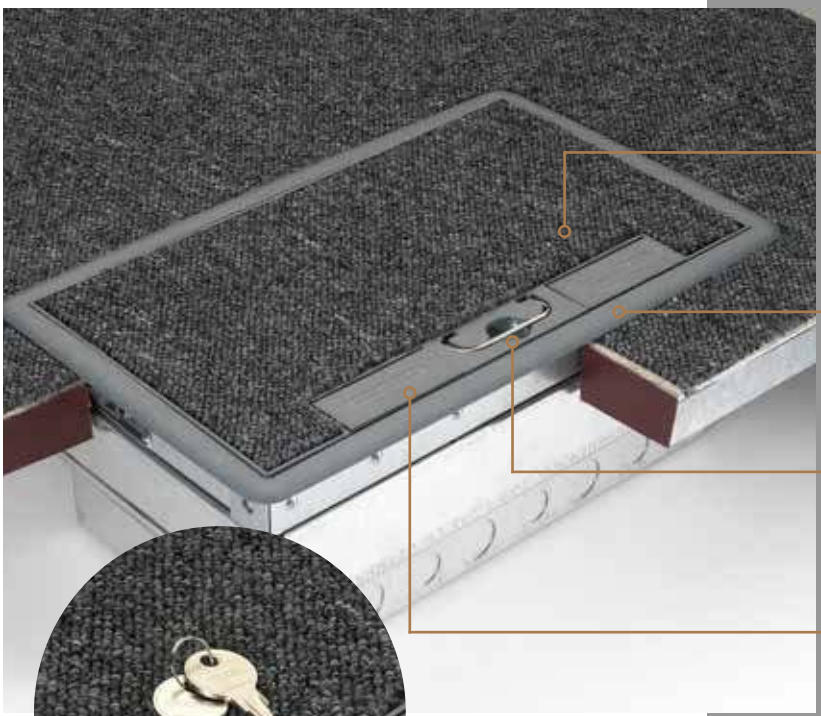
One piece 'fast fit' (20 series) - One piece back box.

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



Carpet inlay
- 6.5mm

Blue/grey moulded polycarbonate ABS
- RAL 7031

Handle
- Self Closing

Robust cable outlet
- Designed with 'Anti-Trip' facility

Optional lockable lid

Added security allows access by competent personnel

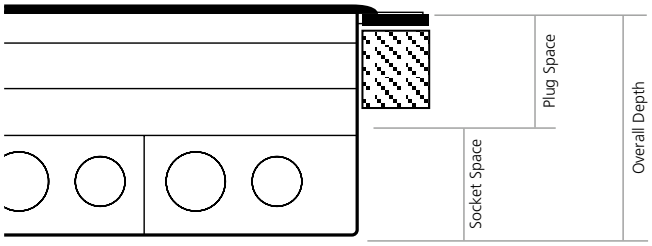
distribution power

One Piece

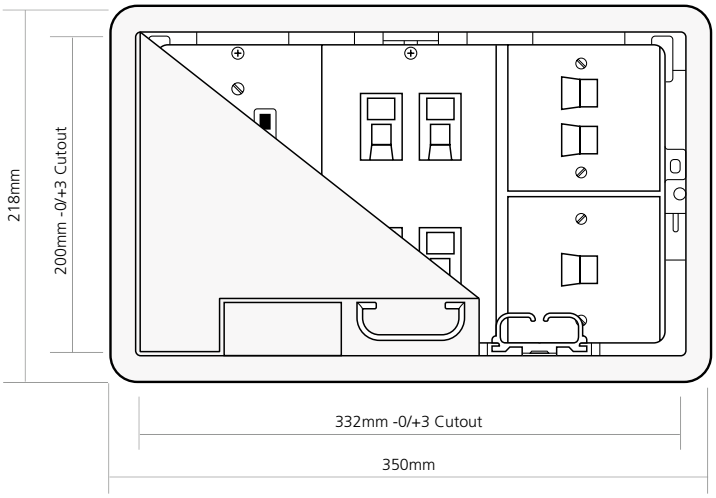
Our one piece 20 Series 'Fast Fit' access floor box has been designed to meet the demands of the modern day working environment.

IP Rating
IP2X

- 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 175mm
  - 4 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 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

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

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

3 Compartment

Code	Description
3m Standard Earth White Plug	
P20385G/BS3U104	1 x Twin 13A Switched Socket
P20385G/BS3U207	2 x Twin 13A Switched Sockets
P20385G/BS3U113	1 x Twin 13A Switched RCD Socket
P20385G/BS3U221	2 x Twin 13A Switched RCD Sockets
5m Standard Earth White Plug	
P20385G/BS5U102	1 x Twin 13A Switched Socket
P20385G/BS5U204	2 x Twin 13A Switched Sockets
P20385G/BS5U108	1 x Twin 13A Switched RCD Socket
P20385G/BS5U213	2 x Twin 13A Switched RCD Sockets

4 Compartment

Code	Description
3m Standard Earth White Plug	
P20485G/BS3U102	1 x Twin 13A Switched Socket
P20485G/BS3U204	2 x Twin 13A Switched Sockets
P20485G/BS3U103	1 x Twin 13A Switched RCD Socket
P20485G/BS3U209	2 x Twin 13A Switched RCD Sockets
5m Standard Earth White Plug	
P20485G/BS5U101	1 x Twin 13A Switched Socket
P20485G/BS5U201	2 x Twin 13A Switched Sockets
P20485G/BS5U102	1 x Twin 13A Switched RCD Socket
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

Code	Description
3m Clean Earth Red Plug	
P20385G/BC3U101	1 x Twin 13A Switched Socket
P20385G/BC3U205	2 x Twin 13A Switched Sockets
P20385G/BC3U110	1 x Twin 13A Switched RCD Socket
P20385G/BC3U220	2 x Twin 13A Switched RCD Sockets
5m Clean Earth Red Plug	
P20385G/BC5U103	1 x Twin 13A Switched Socket
P20385G/BC5U203	2 x Twin 13A Switched Sockets
P20385G/BC5U108	1 x Twin 13A Switched RCD Socket
P20385G/BC5U207	2 x Twin 13A Switched RCD Sockets

4 Compartment

Code	Description
3m Clean Earth Red Plug	
P20485G/BC3U100	1 x Twin 13A Switched Socket
P20485G/BC3U202	2 x Twin 13A Switched Sockets
P20485G/BC3U102	1 x Twin 13A Switched RCD Socket
P20485G/BC3U207	2 x Twin 13A Switched RCD Sockets
5m Clean Earth Red Plug	
P20485G/BC5U101	1 x Twin 13A Switched Socket
P20485G/BC5U201	2 x Twin 13A Switched Sockets
P20485G/BC5U103	1 x Twin 13A Switched RCD Socket
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

Code	Description
3m Auxiliary Earth Black Plug	
P20385G/BA3U102	1 x Twin 13A Switched Socket
P20385G/BA3U203	2 x Twin 13A Switched Sockets
P20385G/BA3U105	1 x Twin 13A Switched RCD Socket
P20385G/BA3U206	2 x Twin 13A Switched RCD Sockets
5m Auxiliary Earth Black Plug	
P20385G/BA5U101	1 x Twin 13A Switched Socket
P20385G/BA5U202	2 x Twin 13A Switched Sockets
P20385G/BA5U102	1 x Twin 13A Switched RCD Socket
P20385G/BA5U204	2 x Twin 13A Switched RCD Sockets

4 Compartment

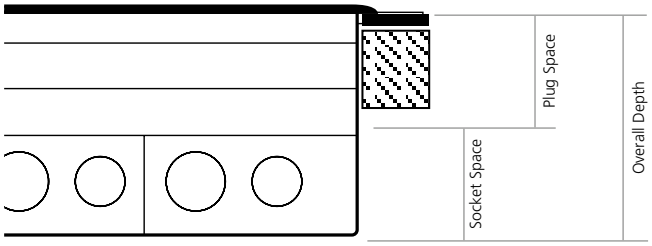
Code	Description
3m Auxiliary Earth Black Plug	
P20485G/BA3U102	1 x Twin 13A Switched Socket
P20485G/BA3U204	2 x Twin 13A Switched Sockets
P20485G/BA3U103	1 x Twin 13A Switched RCD Socket
P20485G/BA3U207	2 x Twin 13A Switched RCD Sockets
5m Auxiliary Earth Black Plug	
P20485G/BA5U100	1 x Twin 13A Switched Socket
P20485G/BA5U201	2 x Twin 13A Switched Sockets
P20485G/BA5U101	1 x Twin 13A Switched RCD Socket
P20485G/BA5U203	2 x Twin 13A Switched RCD Sockets

Individual Compartment

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.

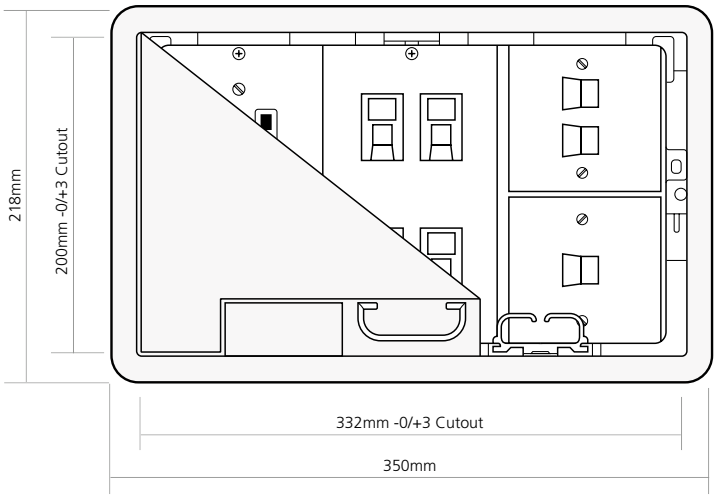
IP Rating IP2X

- 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 175mm
  - 4 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

Deeper options available



3 Compartment

Code	Description
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

Code	Description
One Piece Unwired 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

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

3 Compartment

Code	Description
3m Standard Earth White Plug	
P20A385GBS3U104	1 x Twin 13A Switched Socket
P20A385GBS3U202	2 x Twin 13A Switched Sockets
P20A385GBS3U108	1 x Twin 13A Switched RCD Socket
P20A385GBS3U209	2 x Twin 13A Switched RCD Sockets
5m Standard Earth White Plug	
P20A385GBS5U103	1 x Twin 13A Switched Socket
P20A385GBS5U202	2 x Twin 13A Switched Sockets
P20A385GBS5U104	1 x Twin 13A Switched RCD Socket
P20A385GBS5U204	2 x Twin 13A Switched RCD Sockets

4 Compartment

Code	Description
3m Standard Earth White Plug	
P20A485GBS3U101	1 x Twin 13A Switched Socket
P20A485GBS3U204	2 x Twin 13A Switched Sockets
P20A485GBS3U103	1 x Twin 13A Switched RCD Socket
P20A485GBS3U206	2 x Twin 13A Switched RCD Sockets
5m Standard Earth White Plug	
P20A485GBS5U100	1 x Twin 13A Switched Socket
P20A485GBS5U204	2 x Twin 13A Switched Sockets
P20A485GBS5U101	1 x Twin 13A Switched RCD Socket
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

Code	Description
3m Clean Earth Red Plug	
P20A385GBC3U100	1 x Twin 13A Switched Socket
P20A385GBC3U204	2 x Twin 13A Switched Sockets
P20A385GBC3U103	1 x Twin 13A Switched RCD Socket
P20A385GBC3U206	2 x Twin 13A Switched RCD Sockets
5m Clean Earth Red Plug	
P20A385GBC5U101	1 x Twin 13A Switched Socket
P20A385GBC5U201	2 x Twin 13A Switched Sockets
P20A385GBC5U102	1 x Twin 13A Switched RCD Socket
P20A385GBC5U202	2 x Twin 13A Switched RCD Sockets

4 Compartment

Code	Description
3m Clean Earth Red Plug	
P20A485GBC3U100	1 x Twin 13A Switched Socket
P20A485GBC3U202	2 x Twin 13A Switched Sockets
P20A485GBC3U102	1 x Twin 13A Switched RCD Socket
P20A485GBC3U203	2 x Twin 13A Switched RCD Sockets
5m Clean Earth Red Plug	
P20A485GBC5U100	1 x Twin 13A Switched Socket
P20A485GBC5U201	2 x Twin 13A Switched Sockets
P20A485GBC5U101	1 x Twin 13A Switched RCD Socket
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

Code	Description
3m Auxiliary Earth Black Plug	
P20A385GBA3U101	1 x Twin 13A Switched Socket
P20A385GBA3U202	2 x Twin 13A Switched Sockets
P20A385GBA3U102	1 x Twin 13A Switched RCD Socket
P20A385GBA3U204	2 x Twin 13A Switched RCD Sockets
5m Auxiliary Earth Black Plug	
P20A385GBA5U102	1 x Twin 13A Switched Socket
P20A385GBA5U202	2 x Twin 13A Switched Sockets
P20A385GBA5U103	1 x Twin 13A Switched RCD Socket
P20A385GBA5U203	2 x Twin 13A Switched RCD Sockets

4 Compartment

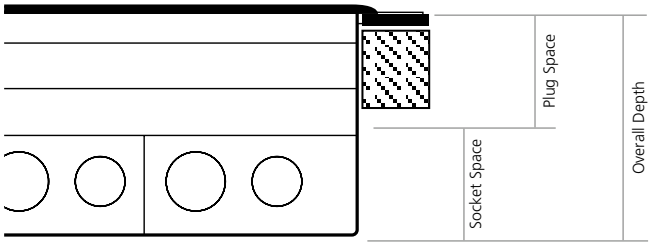
Code	Description
3m Auxiliary Earth Black Plug	
P20A485GBA3U101	1 x Twin 13A Switched Socket
P20A485GBA3U200	2 x Twin 13A Switched Sockets
P20A485GBA3U102	1 x Twin 13A Switched RCD Socket
P20A485GBA3U201	2 x Twin 13A Switched RCD Sockets
5m Auxiliary Earth Black Plug	
P20A485GBA5U100	1 x Twin 13A Switched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

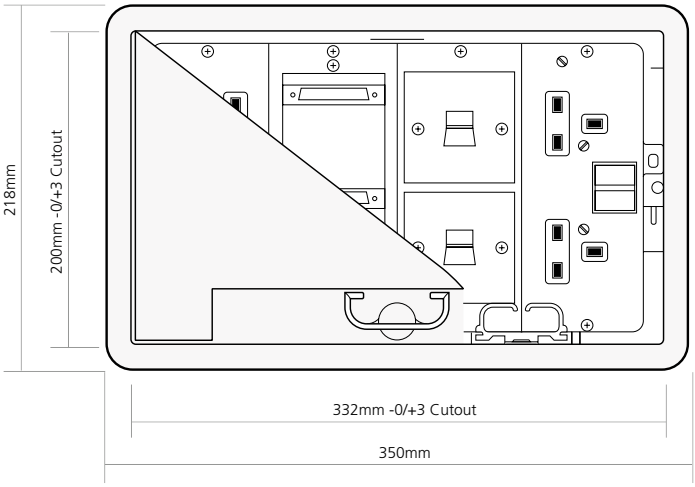
Our individual 20A Series 'Fast Fit' access floor box with integral Din Rail mounted RCD or RCBO protection has been designed to meet the demands of the modern day working environment. By using a modular breaker wired to normal sockets the need for expensive RCD sockets is removed. Separate removable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

IP Rating
IP2X

- 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

power distribution

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

4 Compartment

Code	Description	RCD/RCBO
3m Standard Earth White 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 White 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 Black 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 Black 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

Floor Boxes

Screed + Screwfix

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 are sealed to prevent ingress of screed.

Features:

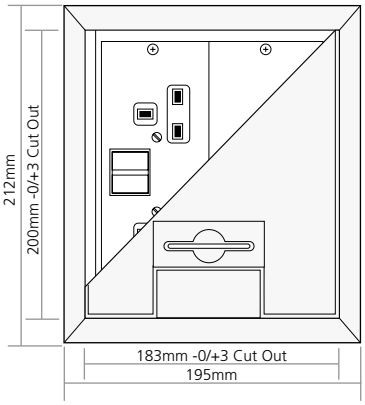
- Quick release lid for easy access to accessory plate
- Self closing lid
- Non-Trip cable outlet brackets

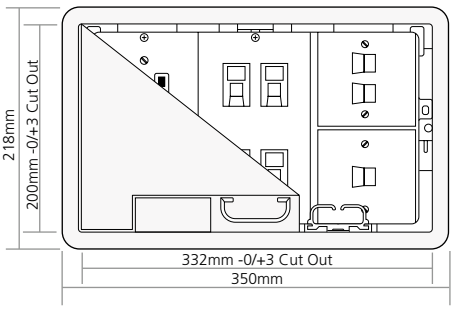
IP Rating
IP2X

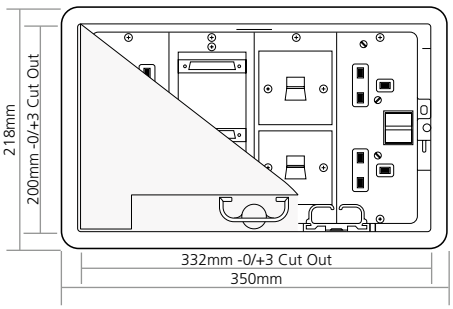
93 Series 2 compartment

99 Series 3 compartment

99 Series 4 compartment







Code	Description
PP93285G	Screw Fix, 85mm deep Floor box, Grey Trim
PPS93285G	Screed Box, 85mm deep, Grey Trim - Adapted for Screed

Code	Description
PP99385G	Screw Fix, 85mm deep Floor box, Grey Trim
PPS99385G	Screed Box, 85mm deep, Grey Trim - Adapted for Screed

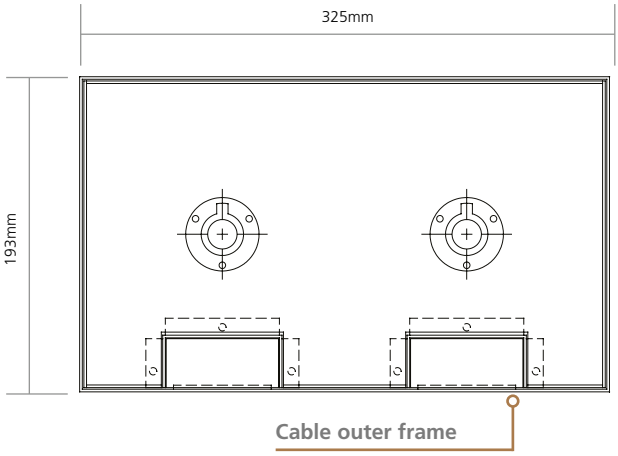
Code	Description
PP99485G	Screw Fix, 85mm deep Floor box, Grey Trim
PPS99485G	Screed Box, 85mm deep, Grey Trim - Adapted for Screed
Add Suffix /KL	Additional overcost to fit a Key Lock to a floor box lid

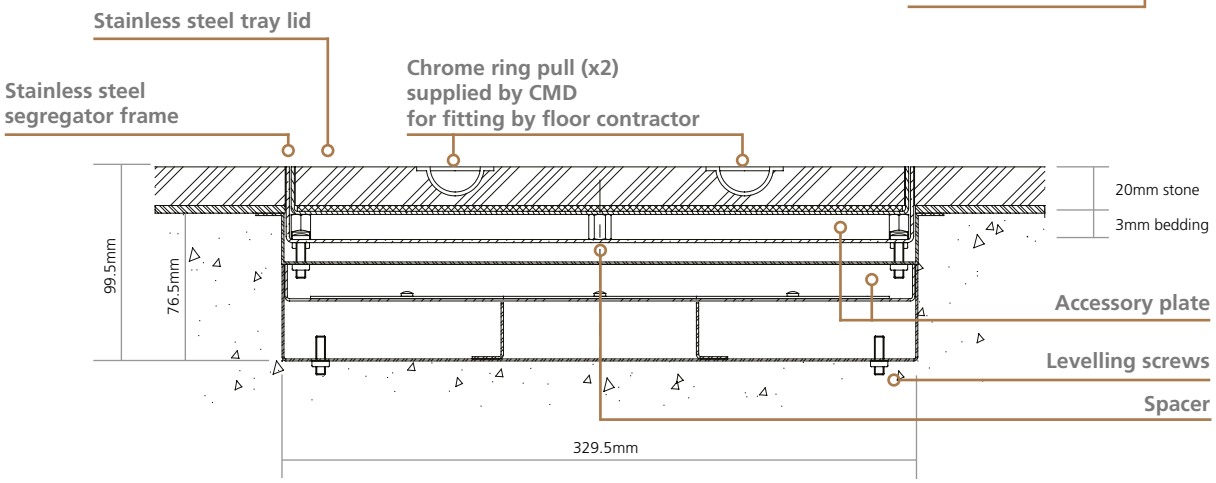
Stainless Steel

3 or 4 compartment stainless steel access floor boxes comprise 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.

IP Rating
IP2X





3 Compartment

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

The box has approx. 30mm plug top space due to final lid adjustment.

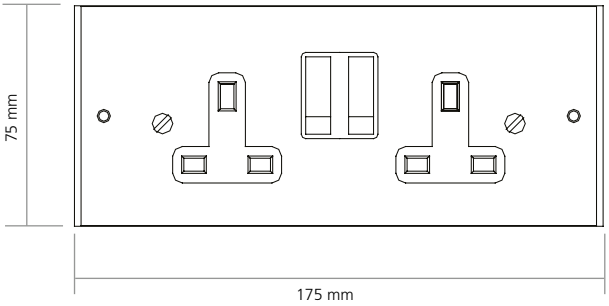
4 Compartment

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

Slab Boxes

1 compartment

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 x 75 x 40mm deep. The box base has a 20mm knock-out to allow conduit access and is manufactured from galvanised steel.

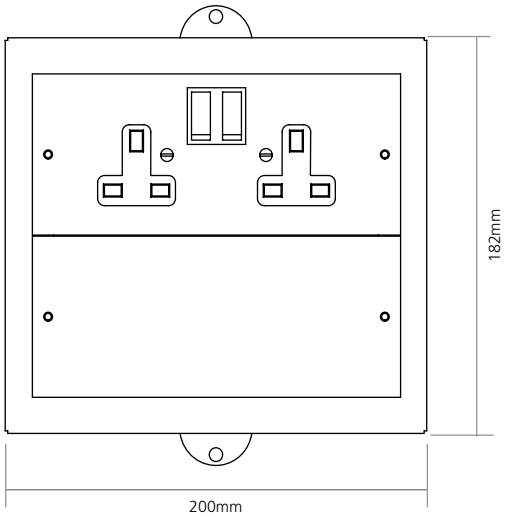


0.9mm
galvanised steel

Code	Description
1 Compartment Slab Boxes	
PPS9014OS	75mm wide slab box c/w fixing feet
Standard Wired Configurations 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

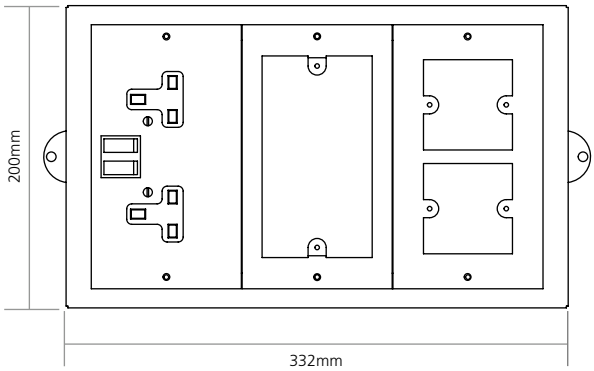
2 compartment slab box, with retractable fixing feet, that can be used along with our range of floor grommets when budget control is top priority. The overall size of the unit is 182 x 200 x 60mm deep. The box base has 20mm and 25mm conduit knockouts in each short side and dividing fillets are provided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

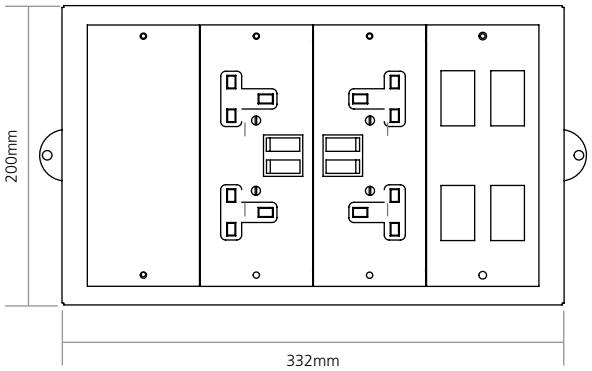
3 compartment slab box, with retractable fixing feet, that can be used along with our range of floor grommets when budget control is top priority. The overall size of the unit is 332 x 200 x 60mm deep. The box base has 20mm and 25mm conduit knockouts in each long side and dividing fillets are provided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

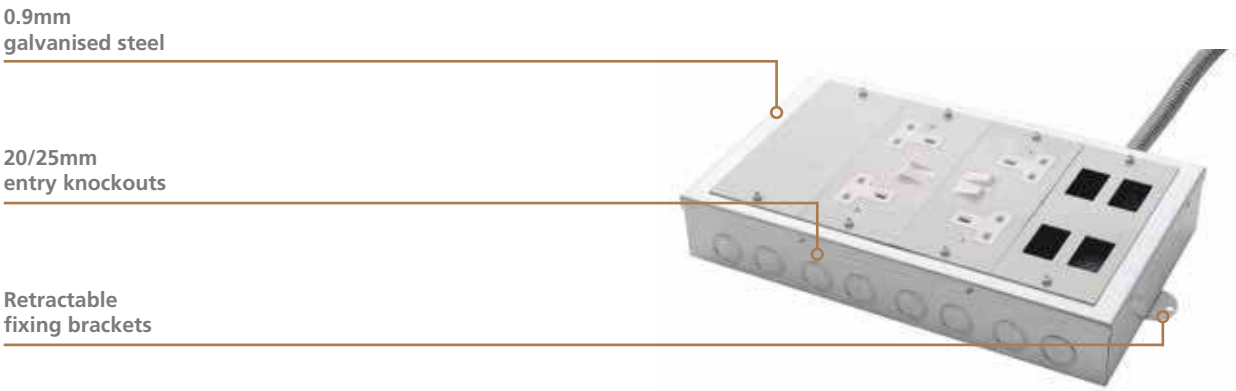


Code	Description
3 Compartment Slab Boxes	
PPS2335OS	3 Compartment 60mm deep slab box c/w retractable fixing feet
Standard Wired Configurations (add on required data plates)	
Standard Earth	
P2335OS/BS3U100	Slab Box c/w fixing feet, Twin Socket, 3m Tap off 32A Unfused Standard Earth
P2335OS/BS3U200	Slab 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

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.





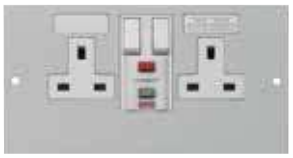
Code	Description
4 Compartment Slab Boxes	
PPS2345OS	4 Compartment 60mm deep slab box c/w retractable fixing feet
Standard Wired Configurations (add on required data plates)	
Standard Earth	
P2345OS/BS3U100	Slab Box c/w fixing feet, Twin Socket, 3m Tap off 32A Unfused Standard Earth
P2345OS/BS3U200	Slab 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

3 Compartment

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).

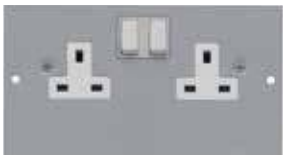
Plate sizes - 100mm x 175mm. Can only be fitted in 3 compartment floor and slab boxes.

1 twin RCD socket



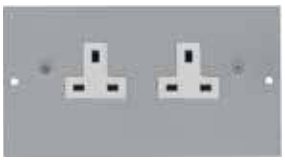
Code	Description
PP3291	3 Compartment Version

1 twin 13A switched socket



Code	Description
PCP301	3 Compartment Version

1 twin 13A unswitched socket



Code	Description
PCP302	3 Compartment Version

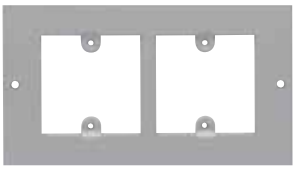
3 single 13A unswitched socket

Code	Description
PCP3003	3 Compartment Version

Plate pierced to accept 4 x LJ6C/ RJ45 (Piercings 37 x 22.3)

Code	Description
PV304	3 Compartment Version

Plate to accept 2 x LJ2 telephone outlets (Units 68mm Square)



Code	Description
PV305	3 Compartment Version

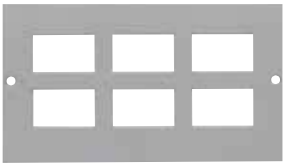
Standard BS 1363 2 gang piercing

Code	Description
PM307	3 Compartment Version

Plate to accept 2 x standard 1 gang fittings (Units 86mm Square)

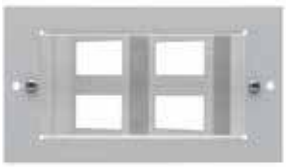
Code	Description
PV311	3 Compartment Version

Plate pierced to accept 6 x LJ6C/ RJ45 (Piercings 37 x 22.3)



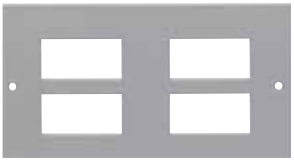
Code	Description
PV342	3 Compartment Version

Angled plate pierced to accept 4 x LJ6C/RJ45 (Piercing 37.0 x 22.3)



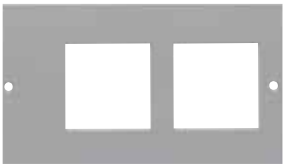
Code	Description
PDV3301	3 Compartment Version

Plate pierced to accept 4 x RW Data/ Alphasnap Units (Piercings 48 x 23.5)



Code	Description
PD3107	3 Compartment Version

Plate pierced to accept 2 x Euro (50mm x 50mm) Adapter Collars



Code	Description
PD331	3 Compartment Version

Blank plate

Code	Description
PB306	3 Compartment Version

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 (37mm x 22.3mm)
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 (37mm x 22.3mm)
PDV3301	4 No. Angled RJ45
PD3107	4 No. R W Data RJ45 (48mm x 23.5mm)
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 (37mm x 22.3mm)
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.

4 Compartment

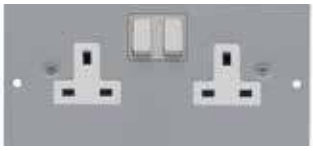
Select from our wide range of serviced power and unserviced data options, 4 compartment range for one piece, individual, screed and stainless floor boxes and slab boxes 75mm wide. Can be fitted in 1, 2 and 4 compartment slab boxes and 2, 4 compartment floor boxes. All accessory plates are finished in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

1 twin RCD socket

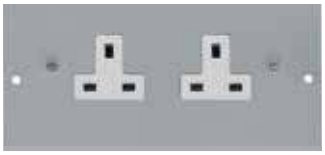
Code	Description
PP4291	4 Compartment Version

1 twin 13A switched socket



Code	Description
PCP401	4 Compartment Version

1 twin 13A unswitched socket



Code	Description
PCP402	4 Compartment Version

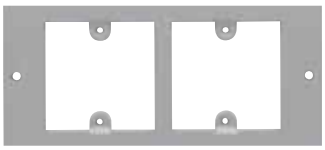
3 single 13A unswitched socket

Code	Description
PCP403	4 Compartment Version

Plate pierced to accept 4 x LJ6C/ RJ45 (Piercings 37 x 22.3)

Code	Description
PV404	4 Compartment Version

Plate to accept 2 x LJ2 telephone outlets (Units 68mm Square)

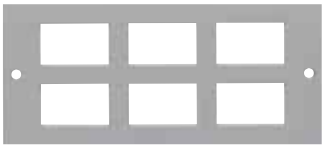


Code	Description
PV405	4 Compartment Version

Blank plate

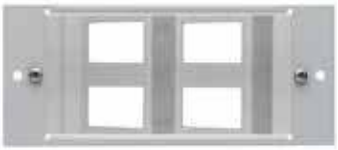
Code	Description
PB406	4 Compartment Version

Plate pierced to accept 6 x LJ6C/ RJ45 (Piercings 37.0 x 22.3)



Code	Description
PV442	4 Compartment Version

Angled plate pierced to accept 4 x LJ6C/RJ45 (Piercing 37 x 22.3)



Code	Description
PDV4301	4 Compartment Version

Plate pierced to accept 4 x RW Data/Alphasnap Units (Piercings 48 x 23.5)

Code	Description
PD4107	4 Compartment Version

Plate pierced to accept 2 x Euro (50mm x 50mm) Adapter Collars

Code	Description
PD431	4 Compartment Version

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.

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 (37mm x 22.3mm)
PV405	Plate pierced to accept 2 - LJ2
PB406	Blank Plate
PV442	6 No. RJ45 (37mm x 22.3mm)
PDV4301	4 No. Angled RJ45
PD4107	4 No. R W Data RJ45 (48mm x 23.5mm)
PD431	2 No. Euro Adapter collars (50 x 50)
PCP401C	Clean Earth Twin Switched Socket Outlet
PCP402C	Clean Earth Twin Unswitched Socket Outlet
PV4004	4 No. RJ45 in line (37mm x 22.3mm)
PX3210	White LJU6C size blank data cover
PD4329	Plate pierced to accept 4 ST Fibre Optic Connectors
PX6804	Euromod snap in double adaptor collar

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

Floor Box Spares

Floor box Spares

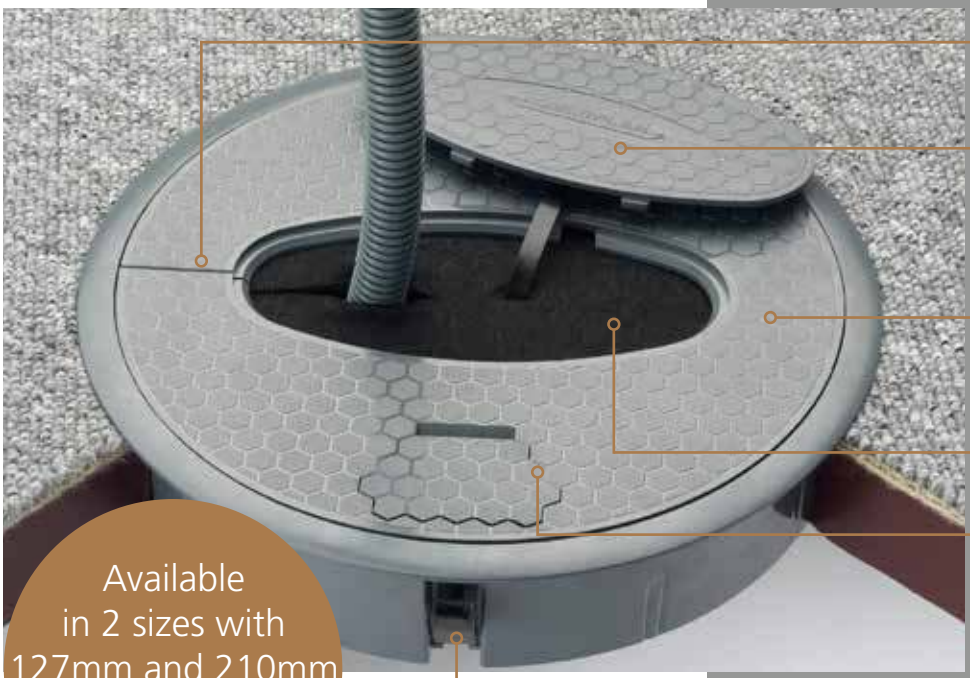
Code	Description
Fast Fit Box Spares (Series 20 and 20A)	
PPS2001G	Lid and Trim Assembly
PPS2020/15	15mm Collar Assembly - add to 85mm box to make it 100mm
PPS2020/30	30mm Collar Assembly - add to 85mm box to make it 115mm
PPS2020/45	45mm Collar Assembly - add to 85mm box to make it 130mm
PPS2011G	Cable Outlet Brackets - each
PPB4310	Cable Guides - each
PPB4159	Handle Assembly - each
PPS2030	Hinge Assembly (Pair)
Floor box Spares Screw 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)	
PPS9011G	Cable Outlet Brackets - each
Screw Fix (Series 93)	
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®

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.



Split lid option - Integral foam insert for secure cable grip

Accessible lid with retention cable

Hive colour - Polycarbonate ABS Grey - RAL 7031, (other colours available, minimum quantity requirements)

Lid Variations: Accepts up to 2 x 40mm flexible conduits

Interlocking clamp top

Simple access: 'Push fit' for fast installation Unique self latching mechanism

Available in 2 sizes with 127mm and 210mm cutout diameters

- 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)
PPHC261G (Soft Foam)
8 x 16mm
3 x 20mm
3 x 25mm
2 x 32mm

Large Cable Hive (210mm)
PPGC211G (Soft Foam)
16 x 16mm
9 x 20mm
5 x 25mm
3 x 32mm

Cable Hives®

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

power distribution

Standard Cable Hive

Lid

Body

Cable Hive Complete

Code	Height	Description
PPHC261G	40mm	Standard Cable Hive

Standard Power/Data Hive

Lid

Body

13A Socket

or

2 x RJ45 Cut-Outs

Hive Complete

Code	Height	Description
PPHC265G	93mm	Standard Power Cable Hive
PDH265G/245	93mm	Standard 2 Way Data Hive

Cable Tidy Fixing

Fixing bracket

Fitted to Hive lid

Complete with Cable Tidy

Code	Height	Description
PPH260G	93mm	Cable Tidy fixing for use with Standard Cable Hive

Standard Access Hive

Lid

Body

Access Hive Complete

Code	Height	Description
PPH264G	40mm	Standard Access Cable Hive

Standard Cleaners Hive

Lid

Body

13A Socket

Cleaners Hive Complete

Code	Height	Description
PPH263G	76mm	Standard Cleaners Hive
PPH263G/SW/87	87mm	Cleaners Hive (Switched Plastic Moulded Socket)
PPH263G/5M	120mm	Cleaners Hive (Angled 5A Unswitched moulded socket)
PPH263NG	76mm	Cleaners Hive (Non Standard Unswitched Socket)
PPH263G/RCD/A	120mm	Angled Standard RCD Cleaners Hive

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

Cable Hives®

Large Cable Hive

Lid

Body

Cable Hive Complete

Code	Height	Description
PPGC211G	40mm	Large Cable Hive

Large Power Hive

Lid

Body

2 x 13A Switched Sockets

Power Hive Complete

Code	Height	Description
PPGC212G	107mm	Large Power Cable Hive 2x Socket
PPGC212G/RCD	107mm	RCD Large Power Cable Hive 2x Sockets

Large Data Hive

Lid

Body

4 x RJ45 cut-outs

Data Hive Complete

Code	Height	Description
PPGC214G	107mm	Large Data Hive c/w data box 4 x RJ45

Large Power and Data Hive

Lid

Body

2 x 13A switched,
4 x RJ45 cut-outs

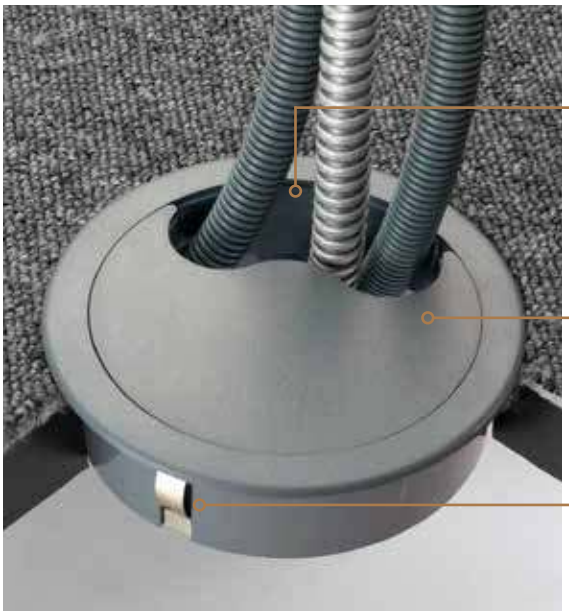
Power/Data Hive
Complete

Code	Height	Description
PPGC215G	107mm	Large Power/Data Hive 2x Socket and 4x RJ45
PPGC215G/RCD	107mm	Large Power/Data Hive 2x Socket (RCD) and 4x RJ45

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

Cable Grommet

Standard (127mm)



Accommodates all cable types

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

PC/ABS (Grey as standard)

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

Push down - fast fixing

The grommet can simply be secured by pushing down into position

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

Features:

- '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

distribution power

Cable Grommet

Large (210mm)

Accommodates all cable types

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

PC/ABS (Grey as standard)

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

Push down - fast fixing

The grommet can simply be secured by pushing down into position

Features:

- '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 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.

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
PXO2132GR	5 pole 32A Neutrik plug - Grey
PDU8RCBO4P/16GST	Power distribution box / 8 x Wieland outputs (Clean Earth) 1 x RCBO / 8 x 16A MCBs
PDU6RCBO4P/16GST	Power distribution box / 6 x Wieland outputs (Clean Earth) 1 x RCBO / 6 x 16A MCBs
PDU4RCBO4P/16GST	Power distribution box / 4 x Wieland outputs (Clean Earth) 1 x RCBO / 4 x 16A MCBs
PDU8RCD4P/16GST	Power distribution box / 8 x Wieland outputs (Clean Earth) 1 x RCD / 8 x 16A MCBs
PDU6RCD4P/16GST	Power distribution box / 6 x Wieland outputs (Clean Earth) 1 x RCD / 6 x 16A MCBs
PDU4RCD4P/16GST	Power distribution box / 4 x Wieland outputs (Clean Earth) 1 x RCD / 4 x 16A MCBs

Black Box™

Neutrik socket

Transparent cover

MCB (6, 10 or 16 amp)

Incoming circuit protection

Stylish black case

Wieland outlets

Screw fixing holes

Black Box™ can be manufactured to house 4, 6 or 8 Wieland sockets with individual protection.

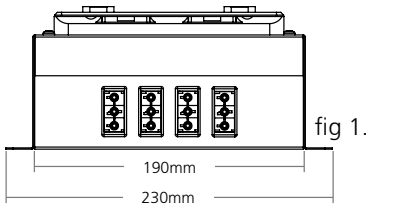


fig 1.

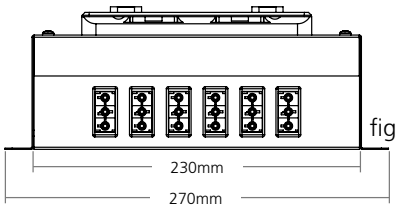


fig 2.

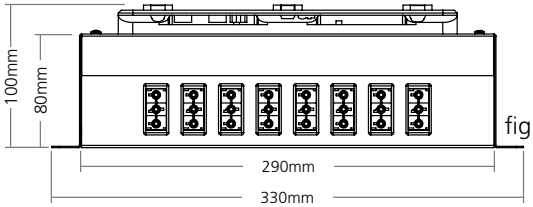
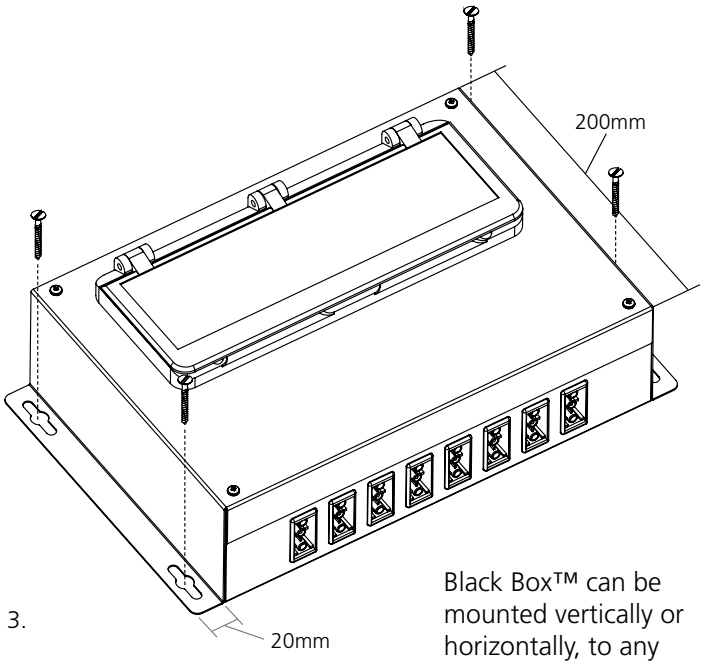


fig 3.



Black Box™ can be mounted vertically or horizontally, to any wall or surface.

power distribution

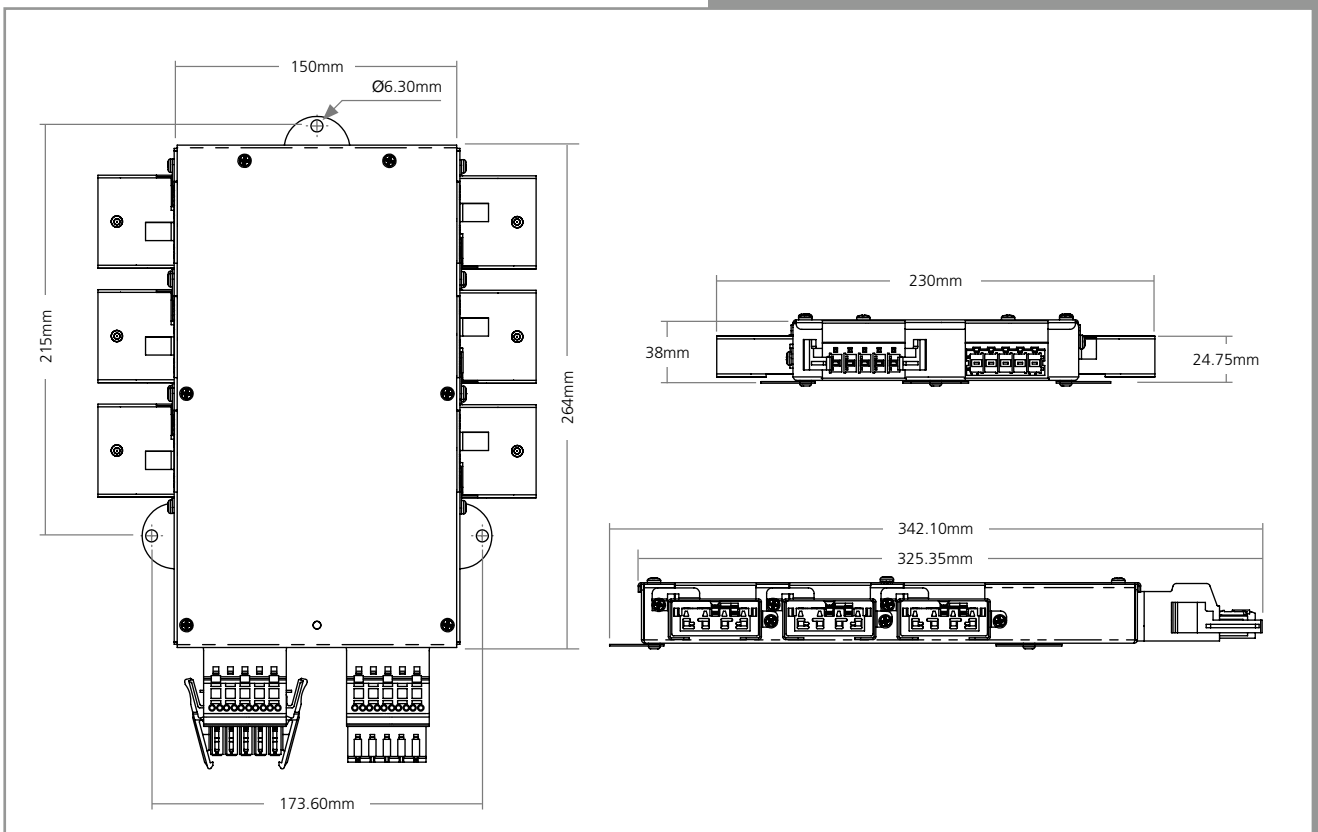
Power Hub

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.

Power Hub

Features:

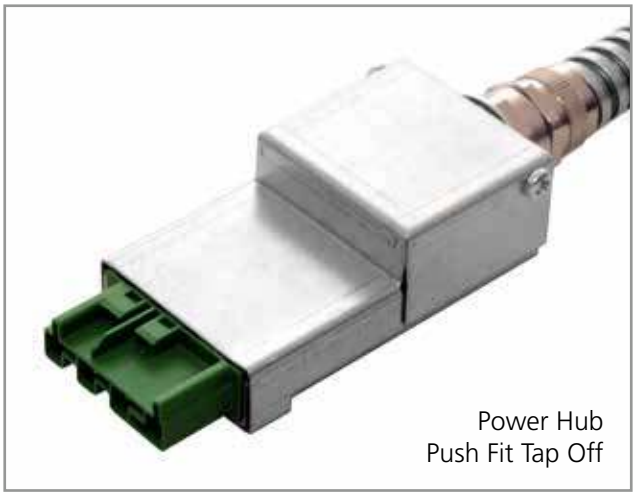
- Compact, low profile design
- Requires a separate connecting mains supply
- Mains power input and output to allow multiple Power Hubs to be connected together
- Up to 6 outgoing power sockets
- Supplied with pre-installed Earthing cable



distribution power

Power Hub

Power Hub with
Push Fit Tap Off fitted



Power Hub
Push Fit Tap Off

Power Hub

Code	Description
PZB3246MF6/W	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 Connector. 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

Lighting Control

Gateway | Luminaires | Switches | Sensors

AUDACY® WIRELESS CONTROLS

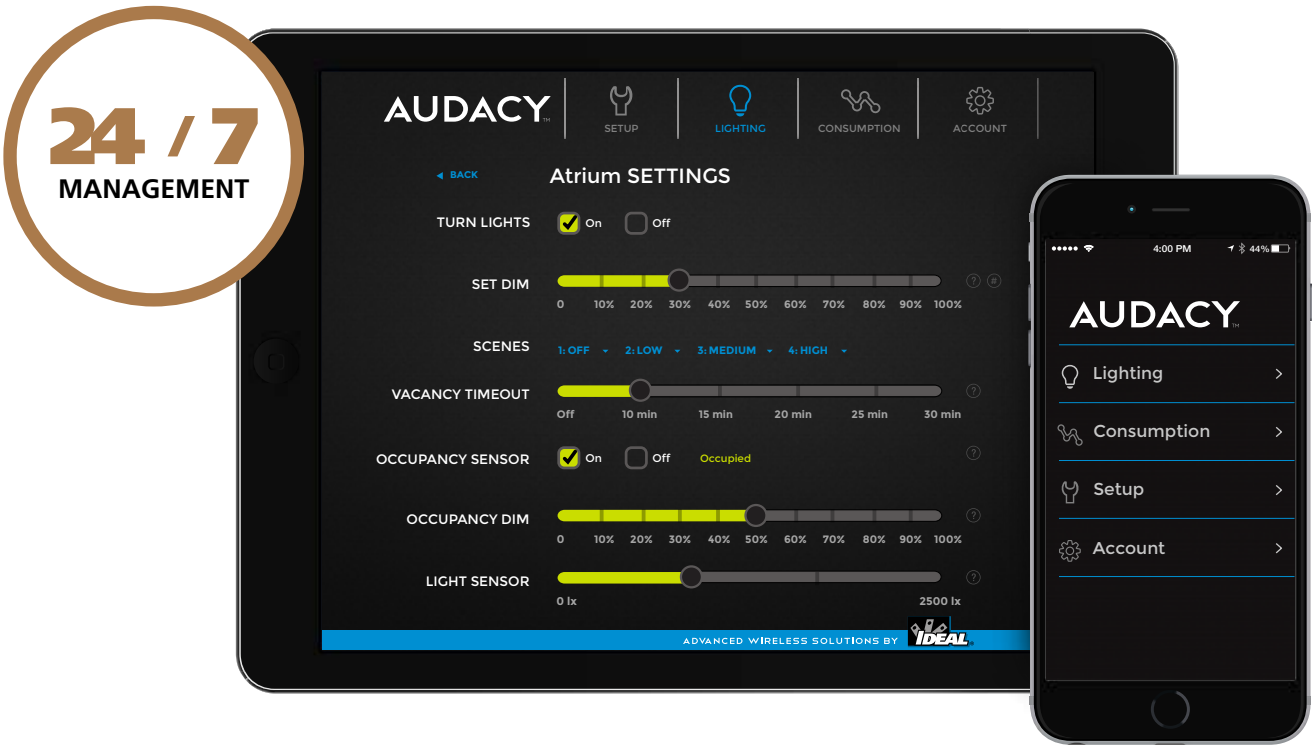
ANTICIPATING THE FUTURE

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® or Android 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.

Lighting Control

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)' and ESOS (Energy Saving Opportunity Scheme) 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

Harvest
as much daylight as possible by setting minimum or required light levels.

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

Schedule
lights on or off based on your designated work hours.

The system can also be used 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

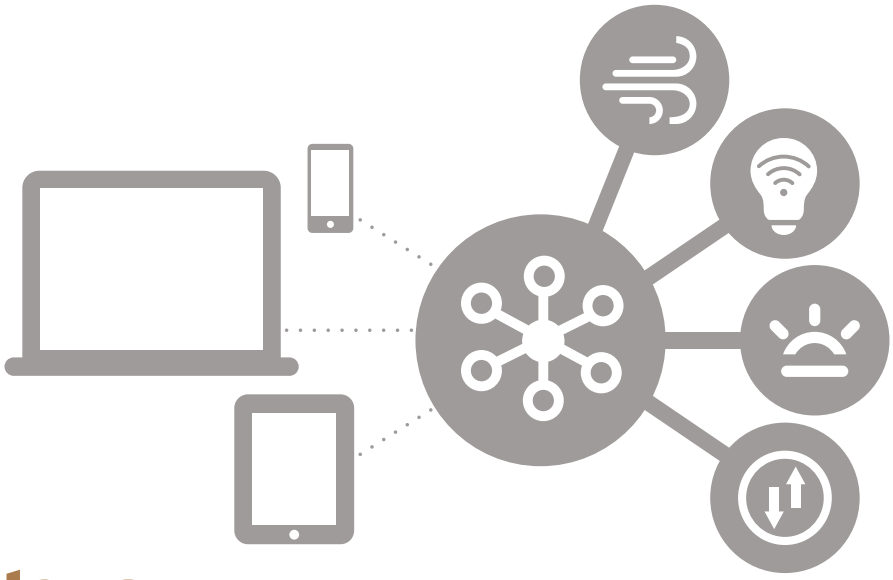
Compared to other competitive wired solutions, installation for an Audacy Wireless Controls system can take up to 85% less time.

Lighting Control

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.



Gateway

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.

Luminaire Controller

Easily installed modules that can turn on, turn off, or provide 0-10V dimming. Available as an attachment to the luminaire enclosure.

Switches

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

Light Sensors

Reliably adjusts brightness to harvest maximum daylight without wiring.

Motion Sensors

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.

Lighting Control

SYSTEM SETUP - INSTALLED IN 4 EASY STEPS

1 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 maintenance-free 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.

Gateway

59-GW1100-ETHUK

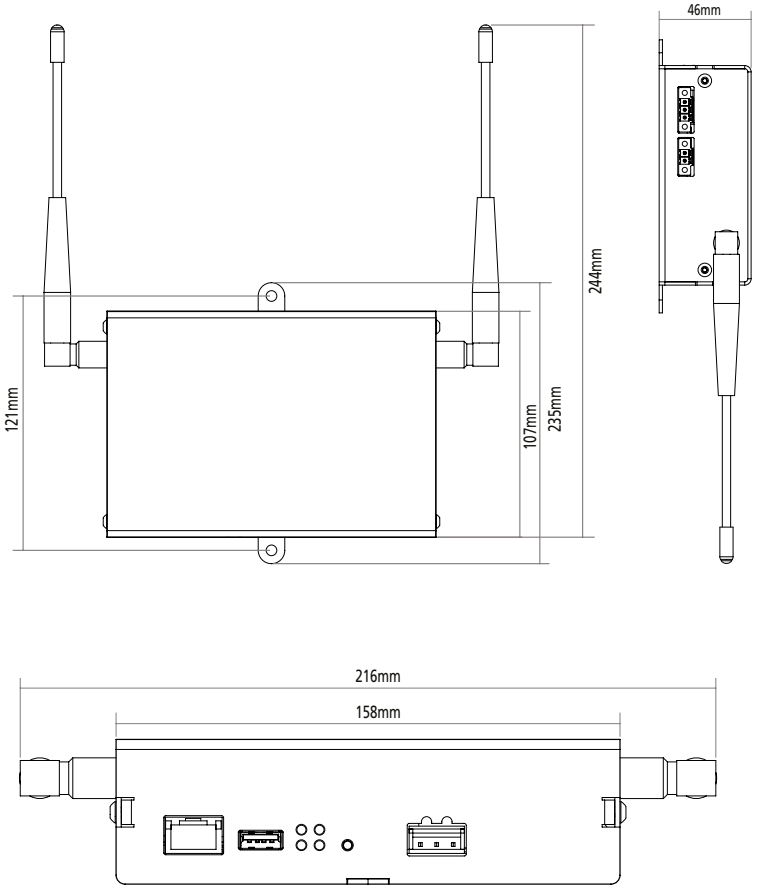
Each Gateway is the primary processing hub of the Audacy® Wireless Controls system, providing 24/7 back-and-forth communication between your Audacy Interface and on-site lighting environments.

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
Rated RF Power Output (W)	<12.5 dBm short duration, utilising both frequency hopping and direct sequence spread spectrum
Transmit Range	90m 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 / RED 2014 / 53 / EU

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

Luminaire Controller, External Mount

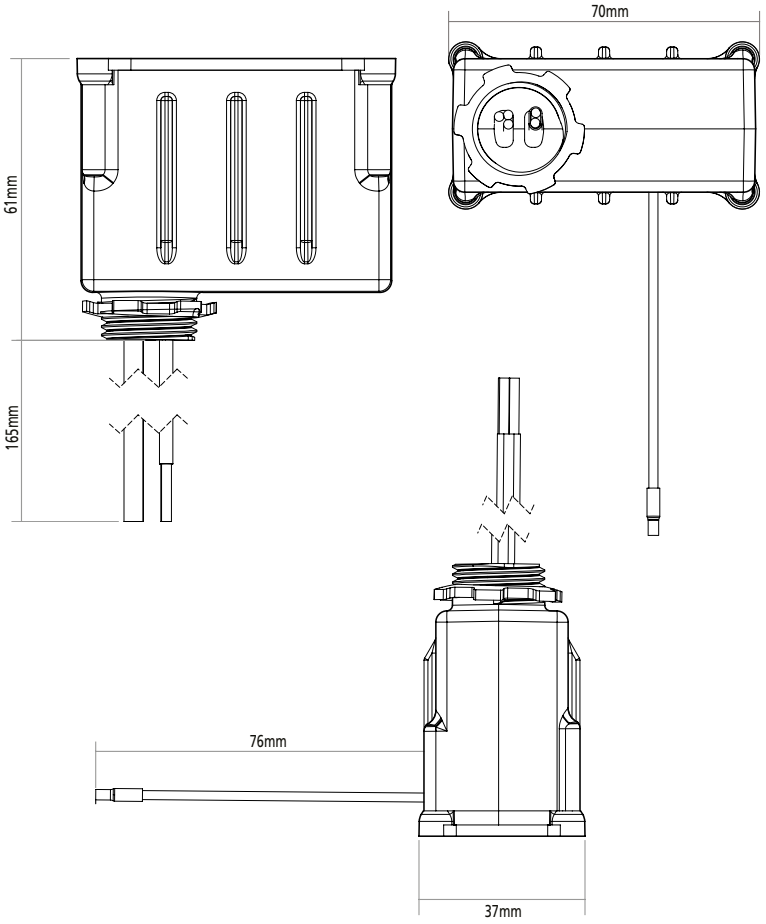
59-SCD1000-EMUK

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 90 metres to the Gateway and with the repeater mode enabled, the range is extended even farther.



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
Rated RF Power Output (W)	11.3 dBm short duration, utilising both frequency hopping and direct sequence spread spectrum
Transmit Range	90m 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 M20 knockout
Dimming Wire Placement	Within nipple for internal connection
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 / RED 2014 / 53 / EU

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

Remote Switch

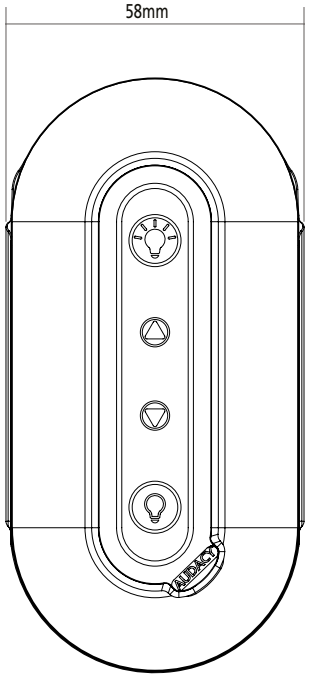
59-SS1200UK

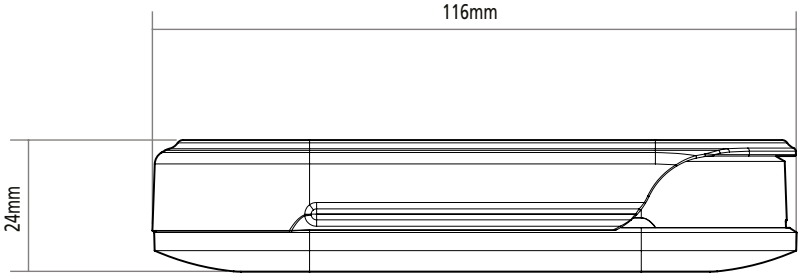
Using our exclusive maintenance-free technology, the Audacy® Remote Switch wirelessly controls light fixtures equipped with Audacy Luminaire Controllers, providing onsite control of your system-enabled light fixtures or groupings.

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.





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
Rated RF Power Output (W)	0.4 dBm short duration, utilising both frequency hopping and direct sequence spread spectrum
Transmit Range	30m 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 / RED 2014 / 53 / EU

Code	Description
59-SS1200UK	Audacy Remote Switch

Wall-Mount Switches

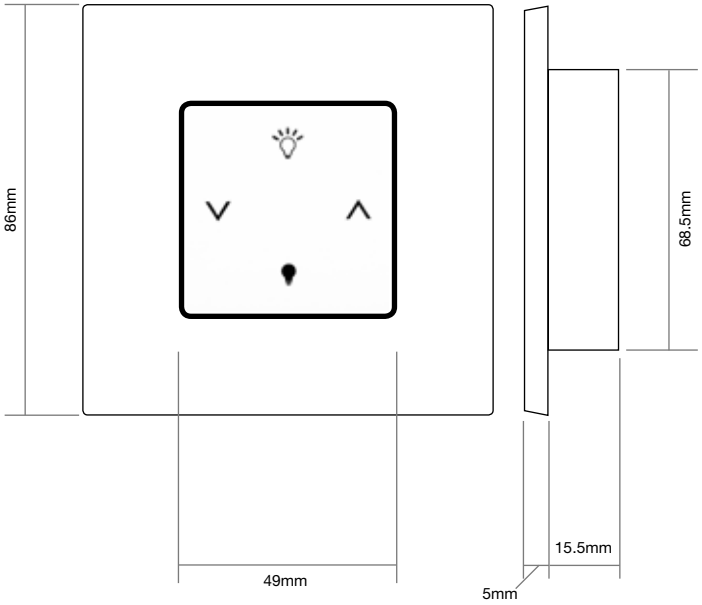
59-WMS1202UK - ON/OFF DIM SWITCH
59-WSS1202UK - SCENE SWITCH

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 with a choice of decorative style face plates, which can be used in a standard 20mm deep, 1 gang back box. 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
Rated RF Power Output (W)	-11.4 to -11.5 dBm short duration, utilising both frequency hopping and direct sequence spread spectrum
Transmit Range	30m 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 (15.5mm flush)
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 / RED 2014 / 53 / EU

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

Light Sensor

59-LSC1400UK

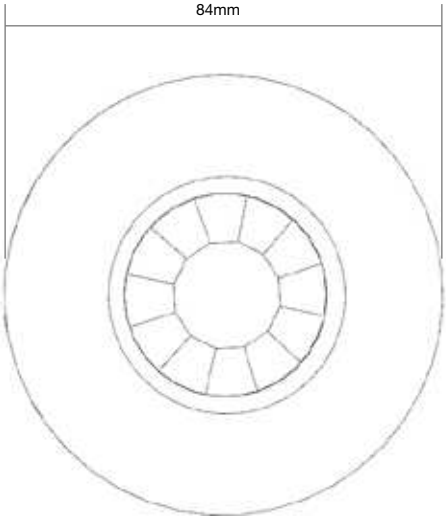
Using our exclusive maintenance-free technology, the Audacy® Light Sensors wirelessly adjusts brightness to harvest maximum daylight.

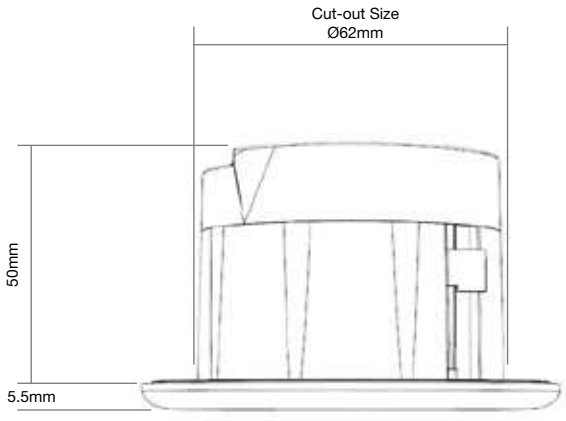
How It Works
Put simply, the Audacy Light Sensors detect ambient light in a designated space and send measurements to your Audacy Wireless Gateway.

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.





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
Rated RF Power Output (W)	0.4 dBm short duration, utilising both frequency hopping and direct sequence spread spectrum
Transmit Range	30m 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	Ceiling tile via a 63mm diameter hole
Colour	White
Dimensions	84mm x 84mm x 55.5mm
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 / RED 2014 / 53 / EU

Code	Description
59-LSC1400UK	Audacy® Light Sensor

Wall-Mount Motion Sensor

59-VSW1300UK

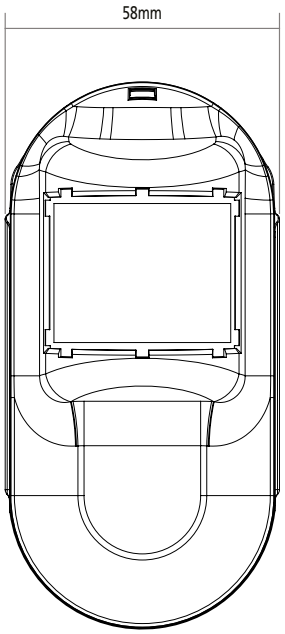
Using our exclusive maintenance-free technology, the Audacy® Motion Sensors wirelessly detect occupancy and/or vacancy to adjust lighting based on preferences programmed into your Audacy Interface.

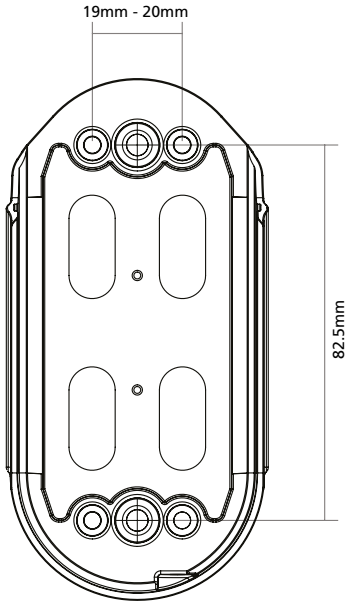
How It Works
The Audacy Wall-Mount Motion Sensors detect movement via sensitive infrared technology and then relay commands – based on intervals of absence or activity – to system-enabled fixtures.

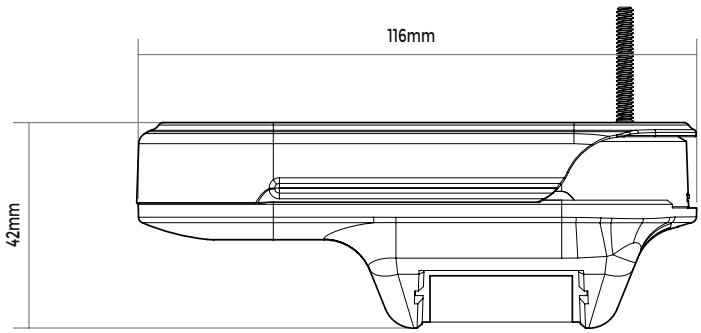
Operating in the highly reliable 915 MHz spectrum, the Wall-Mount versions of the Audacy Motion Sensors requires no wiring and can be placed anywhere.

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
Rated RF Power Output (W)	0.4 dBm short duration, utilising both frequency hopping and direct sequence spread spectrum
Transmit Range	30m 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 / RED 2014 / 53 / EU

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

Ceiling-Mount Motion Sensor

59-VSC1303UK

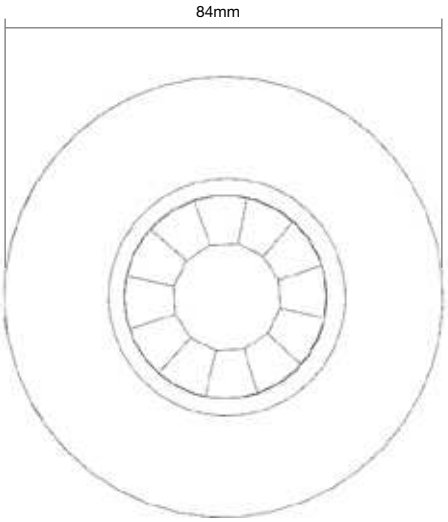
Using our exclusive maintenance-free technology, the Audacy® Motion Sensors wirelessly detect occupancy and/or vacancy to adjust lighting based on preferences programmed into your Audacy Interface.

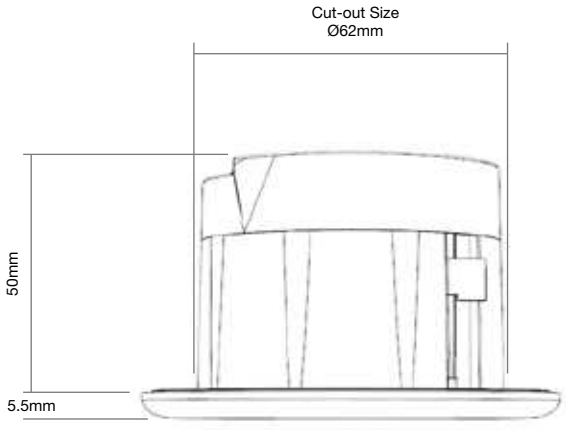
How It Works
The Audacy Ceiling-Mount Motion Sensors detect movement via sensitive infrared technology and then relay commands – based on intervals of absence or activity – to system-enabled fixtures.

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.



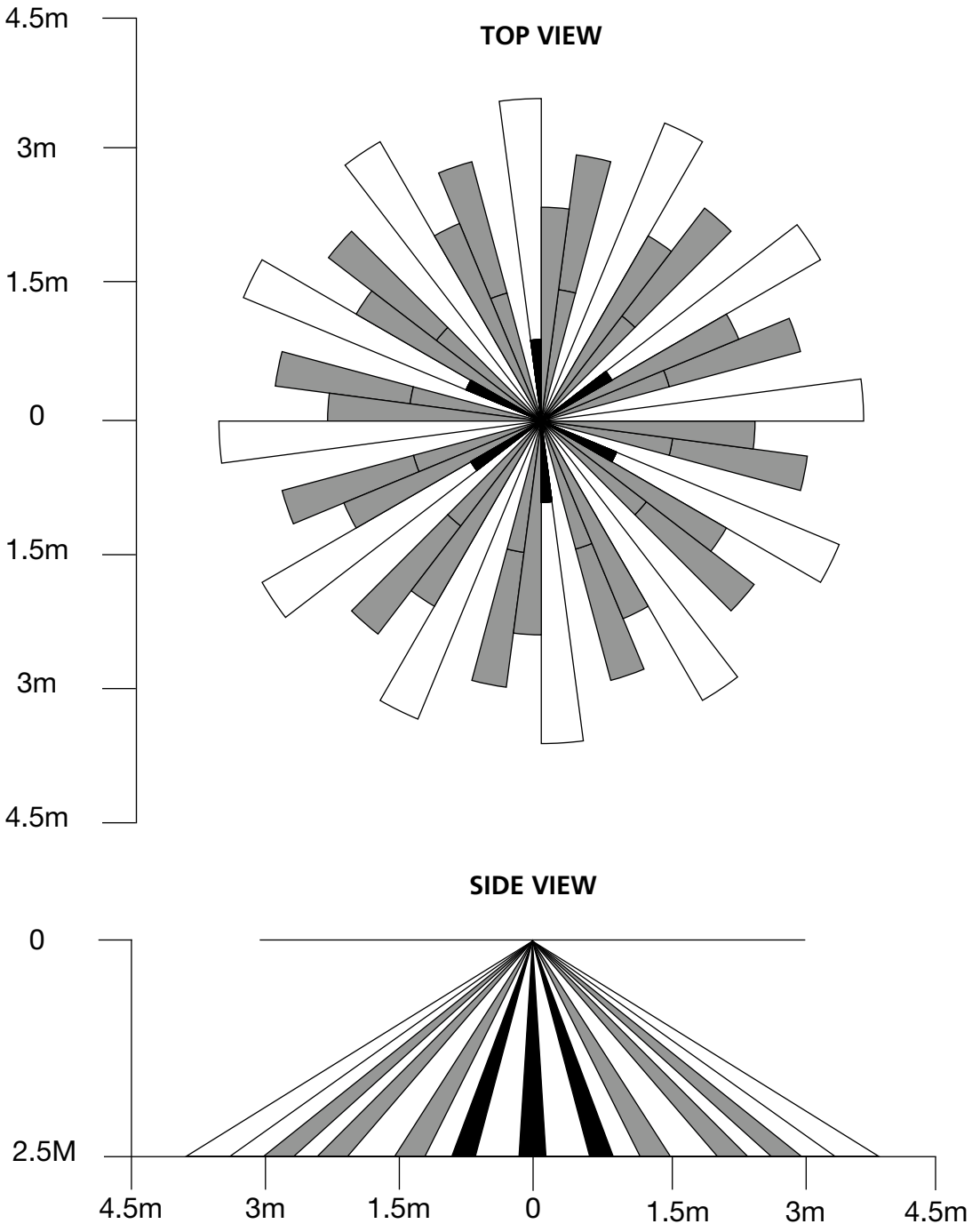


The 59-VSC1303UK Ceiling-Mount Motion Sensor by CMD Ltd is a battery-powered, passive infrared motion sensor that is part of the Audacy® Wireless Controls system. It can be used to detect occupancy and/or vacancy, and turn on, turn off or dim lights based on preferences. Operating in the highly reliable 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)	0.4 dBm short duration, utilising both frequency hopping and direct sequence spread spectrum
Transmit Range	30m 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	Ceiling tile via a 63mm diameter hole
Colour	White
Dimensions	84mm x 84mm x 55.5mm
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 / RED 2014 / 53 / EU

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

Ceiling-Mount Motion Sensor

COVERAGE PATTERN