Electropatent International Limited



Cable management solutions :

Under floor services
In floor services
Above Floor services
Bespoke services

Power , data , av

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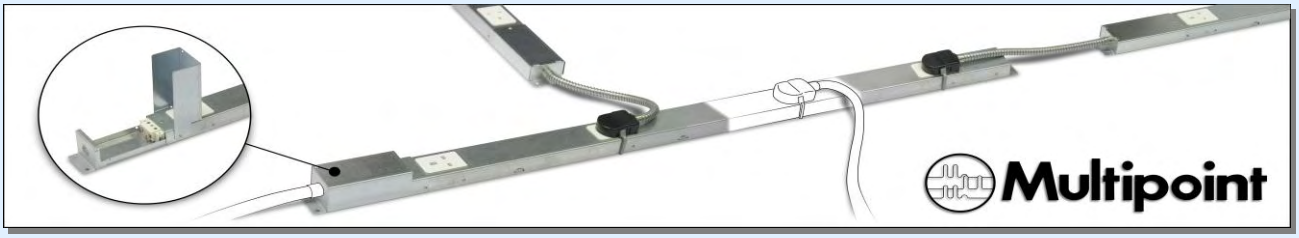
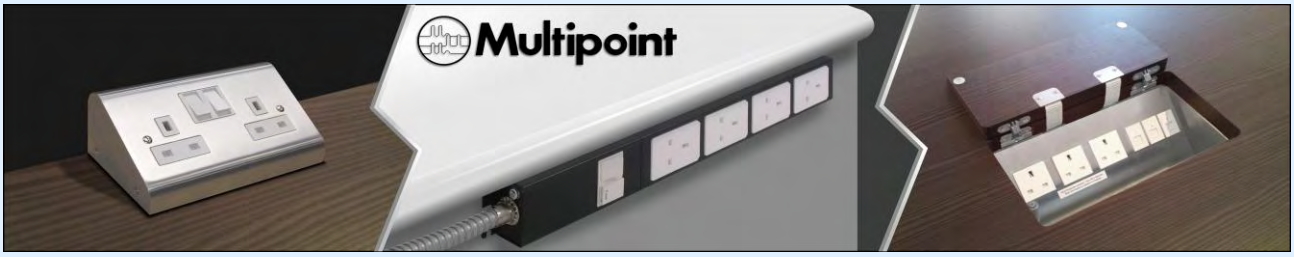
Cable Management Products & Solutions

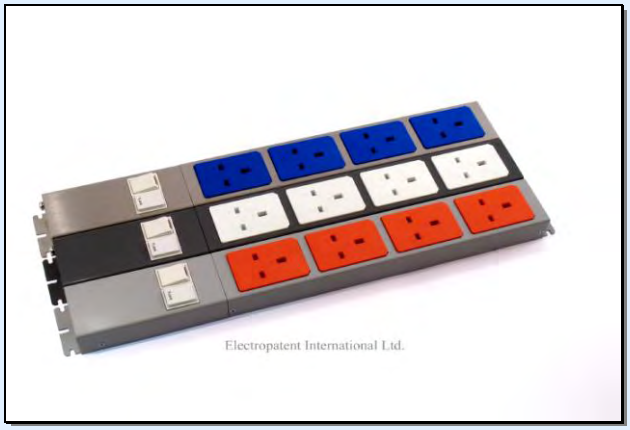
Multipoint underfloor Busbar Track - Powerfloor





Multipoint Desk power modules



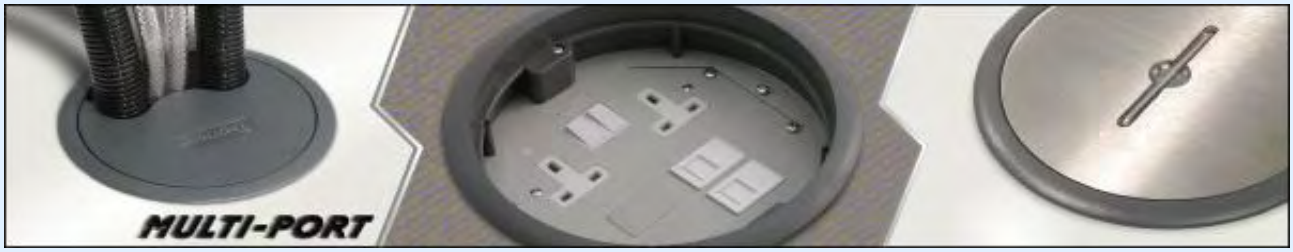


Floor services boxes





Multi-Port & Multi-Port+ Grommets



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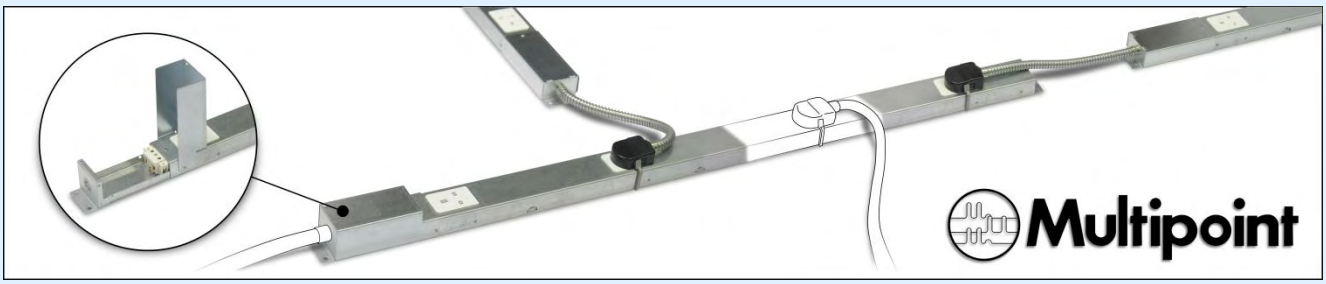
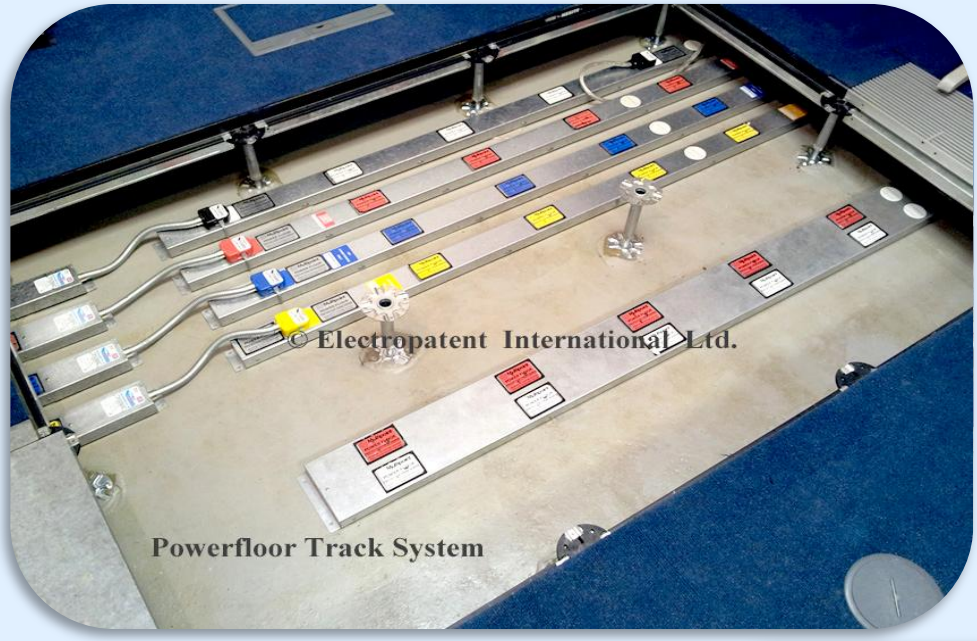
Multipoint POWERFLOOR Busbar Track

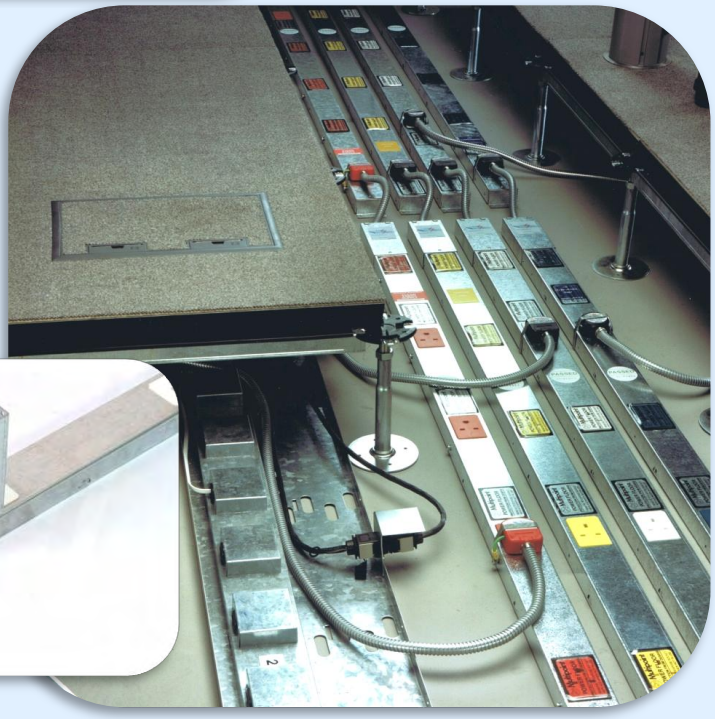


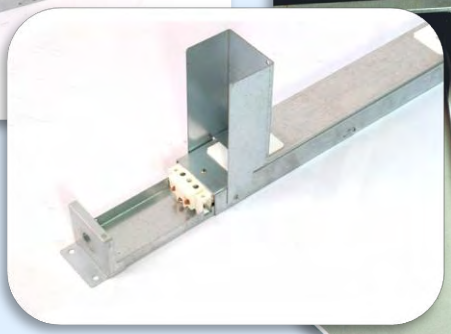












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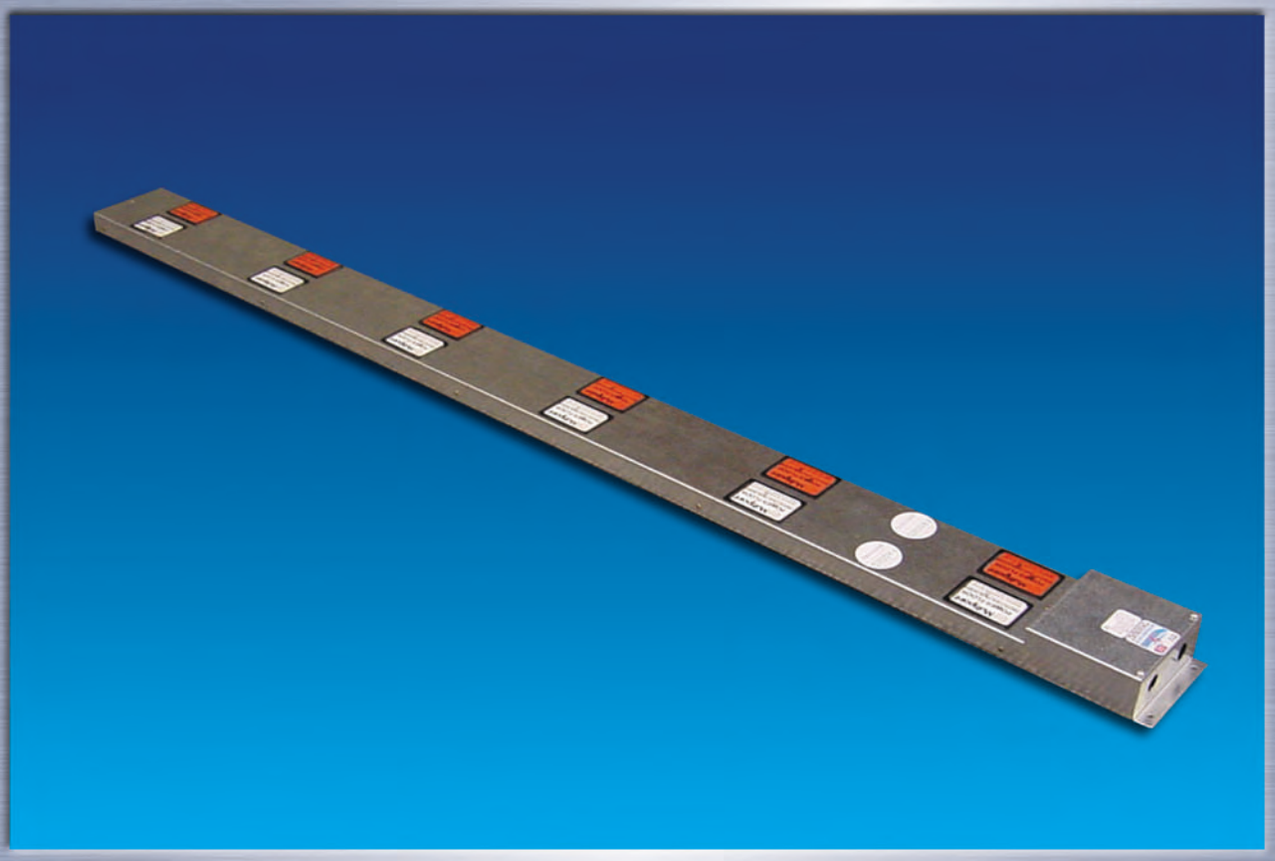
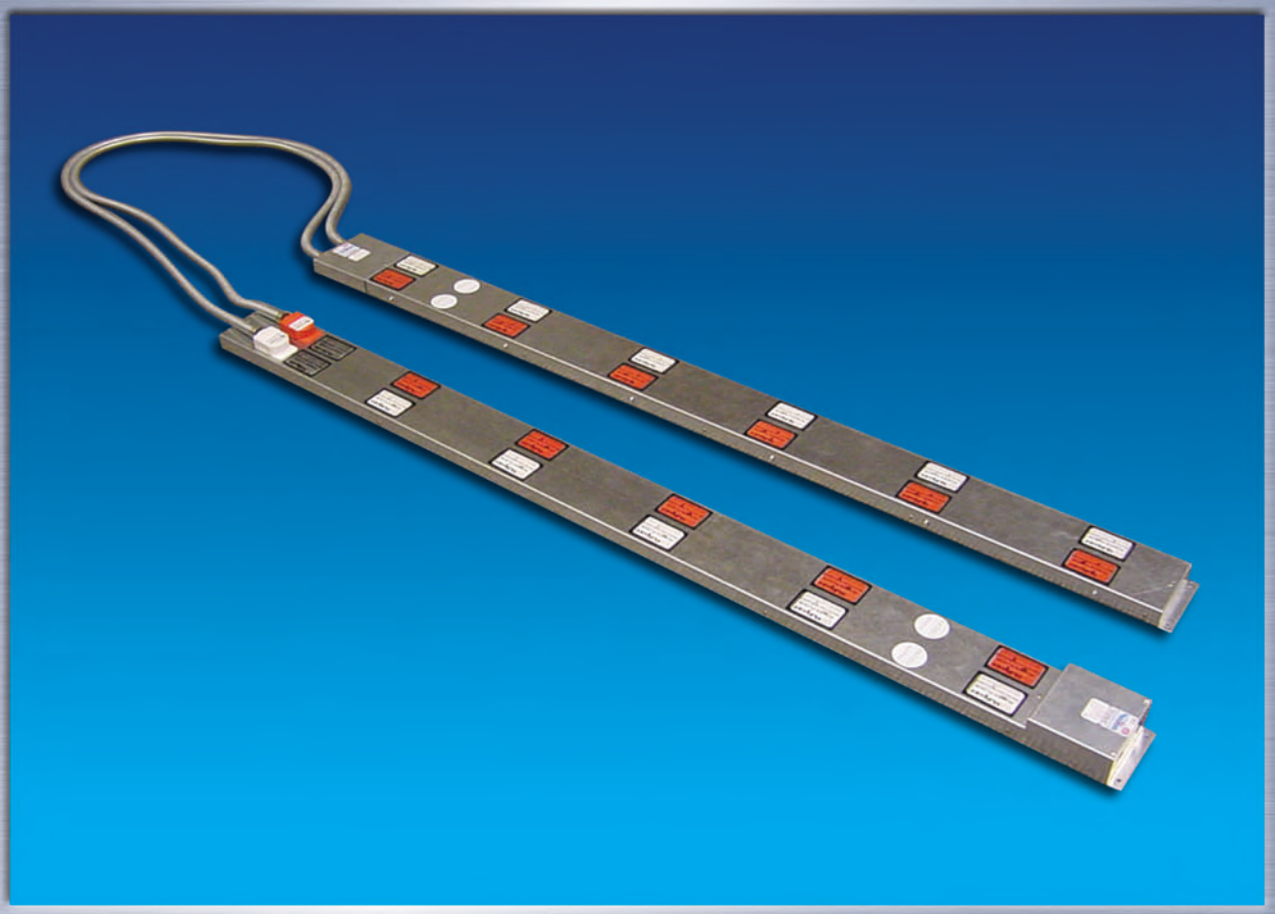
ELECTROPATENT DUAL TRACK MODULES

32 Amp



40 Amp



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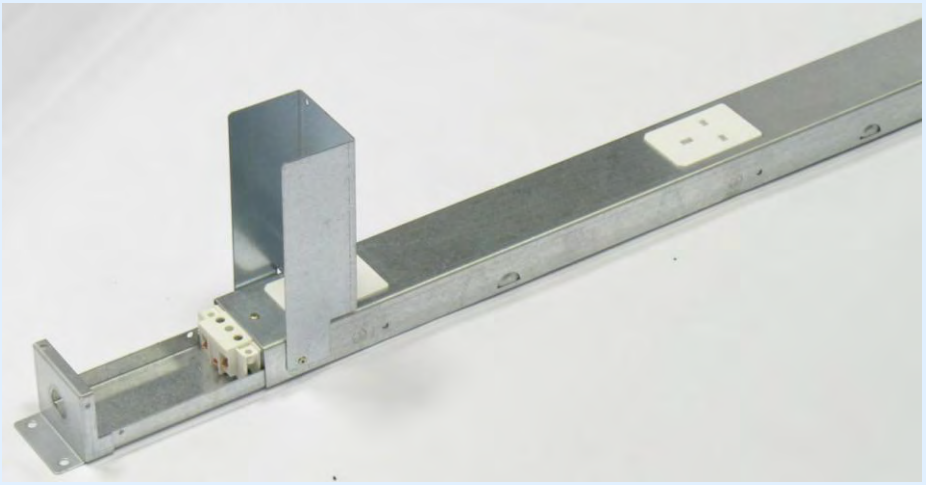
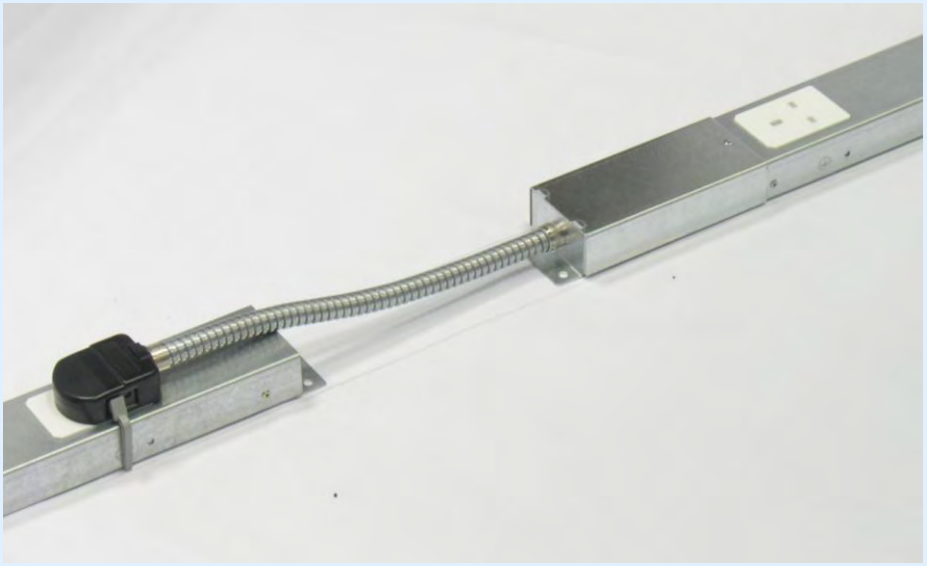
Powerfloor Powertrack System

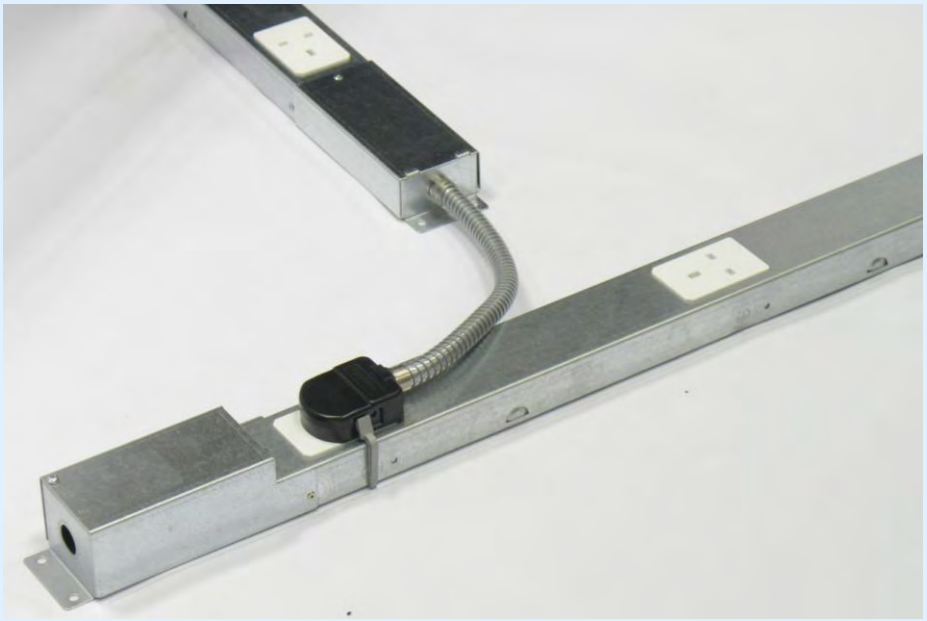
ELECTROPATENT POWERFLOOR POWERTRACK SYSTEM



Mains Connection Module includes the terminals for the supply cable.
No separate feed unit required.



Extension Module plugs into the preceding length of powertrack



Changes in direction are easily accommodated

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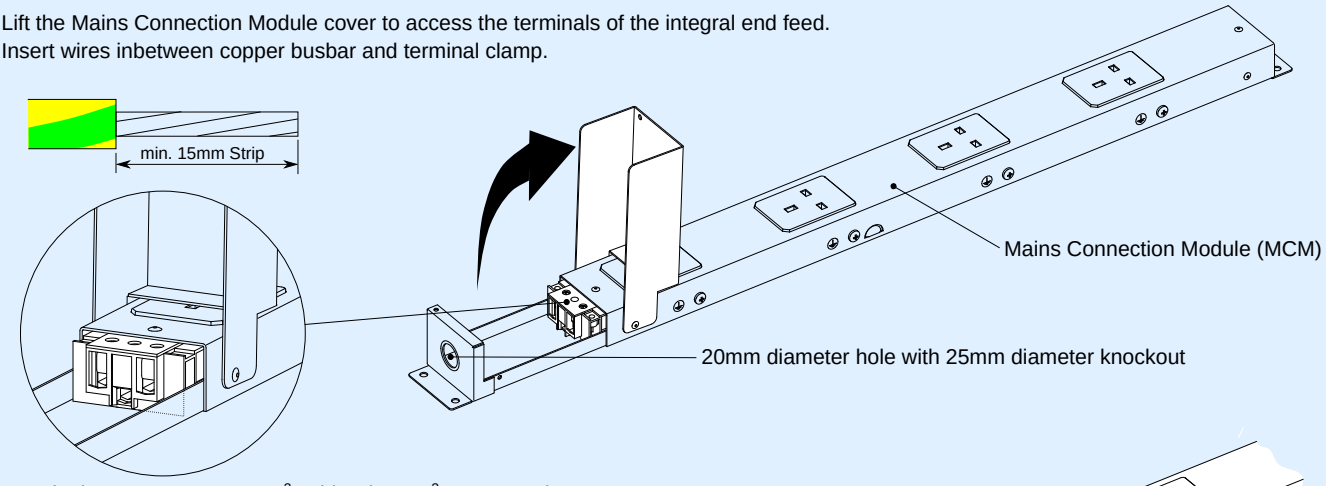
Powerfloor Powertrack System

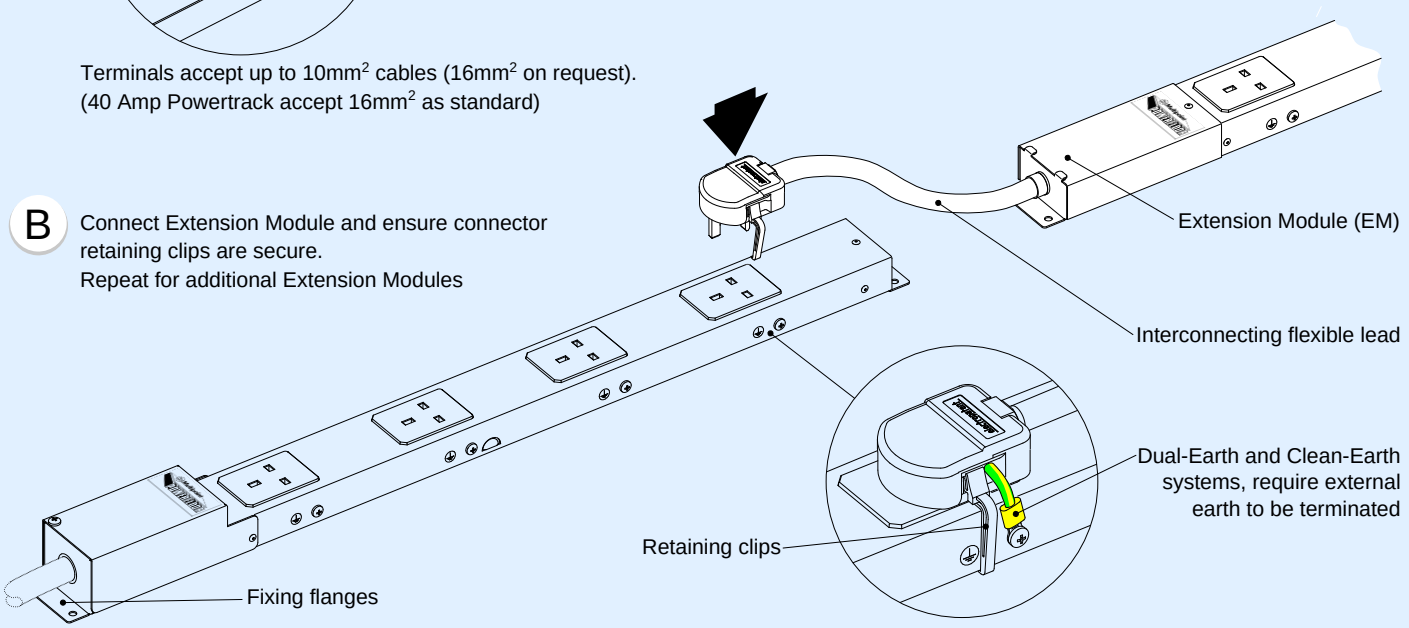
Installation

A Lift the Mains Connection Module cover to access the terminals of the integral end feed.
Insert wires inbetween copper busbar and terminal clamp.



Terminals accept up to 10mm^2 cables (16mm^2 on request).
(40 Amp Powertrack accept 16mm^2 as standard)

B Connect Extension Module and ensure connector retaining clips are secure.
Repeat for additional Extension Modules

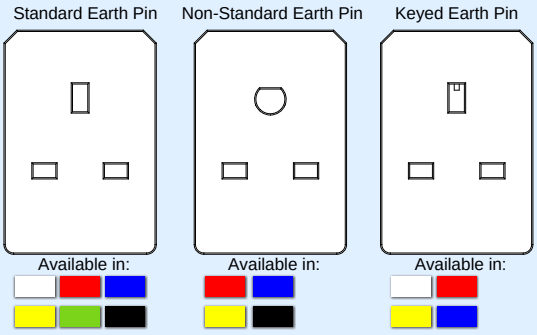


C Once the powertrack is positioned, fix to slab using fixing flanges at each end.
If required, spacers to raise the powertrack are available in various heights.

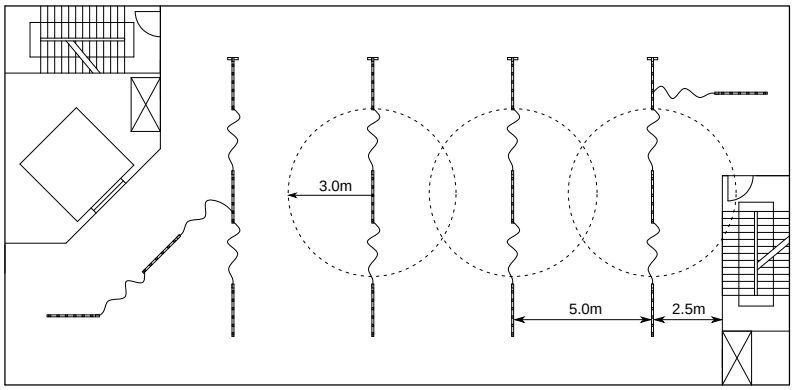
D Tap-offs are connected in the same way as the Extension Modules.

NOTE
Tap-offs for the 40 Amp system are available with 6mm^2 cable eliminating the need for fuses under the floor.

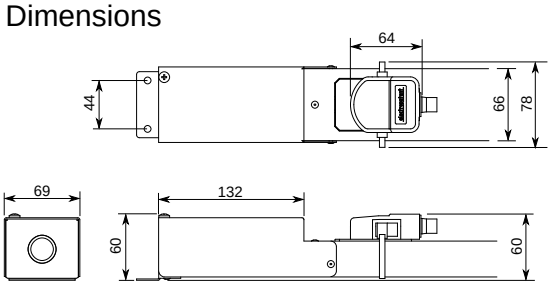
Socket Configurations



Example Floor Layout



Dimensions



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Powerfloor Powertrack System

Technical Specification

Description

Multipoint Powerfloor is a single phase powertrack system rated at either 32 Amps or 40 Amps. It is typically used under platform floors in commercial and industrial premises and distributes power from the distribution board to the final socket of the fixed wiring installation.

Standards

Complies with the relevant clauses of: -	IEC 60439-2: 2000 & BS EN 60439-2: 2000 BS 5733:2010

Approvals

ASTA License	Licence Number 667
Quality Management System to ISO 9001:2008	Intertek Certificate Number 2034

Component Specifications

Busbars:	6.0mm² High Conductivity Copper C101
Module Casings:	1.2mm mild steel, galvanised to EN 10142 - Fe PO2 G Z 275 NA
Socket Assemblies & Terminal Housings:	Glass filled PBT
Busbar Separation:	32 Amp system: uPVC 40 Amp system: Polyphenylene Ether + PS
Mains Connection Module Terminals:	Brass CZ121 with Spring Steel
Terminal Capacity - 32 Amp - 40 Amp	16mm² 16mm²
Mains Connection Module cable entry	Ø20mm with knockout for Ø25mm
Tap-off pins:	Brass CZ 121 (Earth Pins) Brass CZ 128 (Live & Neutral pins)
Plug Pin Sleeve (Live and Neutral only):	Nylon 66
Tap-off mouldings:	Polycarbonate
Tap-off and Extension Module Flexible Conduit:	Galvanised steel to EN 50086
Cables in Conduit:	32 Amp - 4mm² to BS6231 40 Amp - 6mm² to BS6231
CY or SY control cable	32 Amp – 4mm² 16 Amp – 2.5mm² 13 Amp – 1.5mm²
Fittings at Floor Box End:	M20 male adaptor with locknut and shakeproof washer

IP rating to IEC 60529:	IP40 when installed

Electrical Specification

Rated voltage:	240	V
Rated current:	32/40	A
Frequency:	50/60	Hz
Rated insulation voltage (Line to Earth):	300	V
Rated impulse withstand voltage:	2,500	V
Rated conditional short-circuit current:	16,000	A
Resistance of phase conductor @ 20°C*:	3.0	mΩ/m

*Resistances are based on the busbar conductor only; not the interconnecting “pigtails” and tap-offs.

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Powerfloor Powertrack System

Volt Drop and Earth Loop Impedance

The volt drop and earth loop impedance values are dependent on the number and pitch of sockets. Values for common modules are given below; for all other configurations refer to the relevant data sheet or contact Electropatent International Technical Department. The values are at full load at the furthest socket.

Volt Drop (Line + Neutral)

Mains Connection Module - 32 Amp and 40 Amp				
No. of sockets	Pitch	Module Length (mm)		
2	300	670	3.7	mV/A
4	300	1270	8.2	mV/A
6	300	1870	12.8	mV/A
8	300	2470	17.3	mV/A
Extension Module - 32 Amp and 40 Amp				
No. of sockets	Pitch	Module Length (mm)		
2	300	670	7.2*	mV/A
4	300	1270	11.8*	mV/A
6	300	1870	16.3*	mV/A
8	300	2470	20.9*	mV/A
*These figures do not include the cable in conduit. Add the volt drop of the cable as follows: 32A systems: 11 mΩ/m 40A systems: 7.3 mΩ/m For Example:				
The volt drop for a 32A, 6 socket Extension module with a 2.3m pigtail			= 16.3 + (2.3 x 11) = 41.6	mV/A mV/A
Tap-off connection			3.9	mV/A
+ 4mm² cable (32 Amp)			11	mV/A/m
+ 6mm² cable (40 Amp)			7.3	mV/A/m

Earth Loop Impedance

Mains Connection Module - 32 Amp and 40 Amp					
Number of sockets	Pitch	Module Length (mm)	Standard	Clean Earth	
2	300	670	3.7	3.7	mΩ
4	300	1270	7.2	8.3	mΩ
6	300	1870	10.1	13.0	mΩ
8	300	2470	12.9	17.7	mΩ
Extension Module - 32 Amp and 40 Amp					
Number of sockets	Pitch	Module Length (mm)	Standard	Clean Earth	
2	300	670	7.9	7.9	mΩ/A
4	300	1270	11.5	12.6	mΩ/A
6	300	1870	14.4	17.3	mΩ/A
8	300	2470	17.1	21.9	mΩ/A
*These figures do not include the cable in conduit. Add the earth loop impedance of the cable as follows: 32A systems: 11 mΩ/m 40A systems: 7.3 mΩ/m For Example:					
The earth loop impedance for a 32A, 6 socket Extension module with a 2.3m pigtail Standard Earth			= 14.4 + (2.3 x 11) = 39.7		mΩ mΩ
Tap-off connection				4.6	mΩ
+ 4mm² cable (32 Amp)				11	mΩ/m
+ 6mm² cable (40 Amp)				7.3	mΩ/m

Factory Testing

All wired modules are electrically tested for continuity and polarity of conductors, insulation resistance and earth bond strength.

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Technique

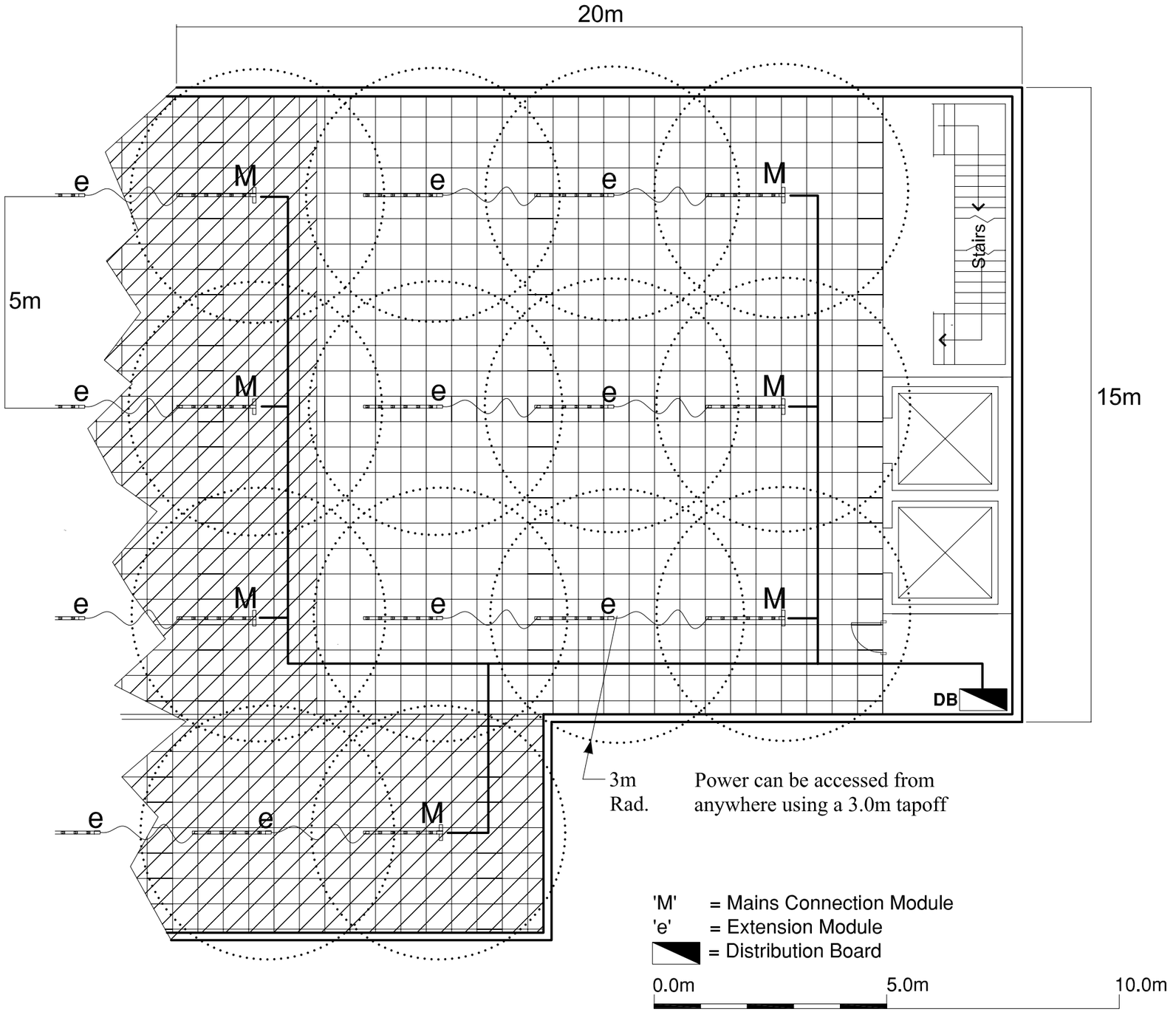
1. Check the scale; doors are approx. 0.8m (small), 0.9m (offices) 1.0m (corridors). Most common floor tiles used are 0.6m.
2. Plan the layout before drawing to make the best use of the shape of the building.
3. Ascertain the position of the distribution boards; the "feed" ends of the track runs must be as near to the board as possible to minimise volt drop.
4. Do not run track right up to walls, leave 2m gaps between circuits on long split runs and avoid having a range of "pigtail" lengths.
5. 5m pitch between runs is optimum. This can be reduced to 4m but do not go over.
6. Keep track runs to a maximum 5 modules to reduce voltage drop and keep number of occupants using one circuit to < 12.
7. Reduce the number of modules per circuit if more than 20m from distribution board to help minimise voltage drop.
8. Try to align "mains" modules to keep the feed cabling simple.
9. Remember the ideal is to provide ample coverage, 40W/m is fine, 10 occupants per circuit is about right, 20 Amps per circuit is more than adequate if done properly, but no less than 2A per occupant.

Example Calculations

If an 18m track covers 5m x 18m = 90m then a 20 Amp feed gives 20A x 230 V = 4600 Watts thus 4600 / 90 = 51.1 W/m.
63 Amp systems are not necessary!

At 1/9m occupancy ratio then this means 10 users could be using this track. Avoid going over this. There are 26 sockets on this circuit which shows "continuous" track is not necessary.

The net area served in the un-shaded area for this floor is 195m².
3 circuits @ 32A x 230V = 22,080W
Thus floor load = 112.8 W/m²
If circuit protection is 20A, floor load = 70.8 W/m²



Issue	Description	Drawn	Chkd	Appd	Date
A	**Original Drawing**	**DTJ**	**NIA**	**NIA**	**28-03-06**
B	**Text updated**	**DTJ**	**NIA**	**NIA**	**21-02-07**

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All dimensions in millimetres

Title
POWERFLOOR MODULE LAYOUT USING 2.3m PIGTAILS

Drawing No. **EP 861**

Issue **B**

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DESK POWER MODULES **MULTIPOINT BUSBAR BASED DESK POWER**

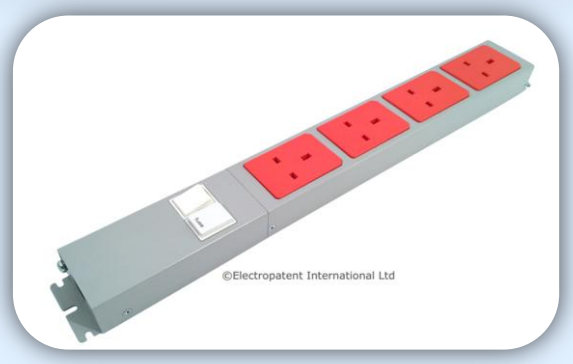


Electropatent Desk Module systems

A Versatile Power distribution system employing Electropatent's unique patented busbar design offering Desk Modules from 1-socket to 40-socket outlets

Range of socket colours complemented with a multitude of body colours and finishes to suit

Robust ALL steel construction with a variety of connections and protection devices to suit every type of installation







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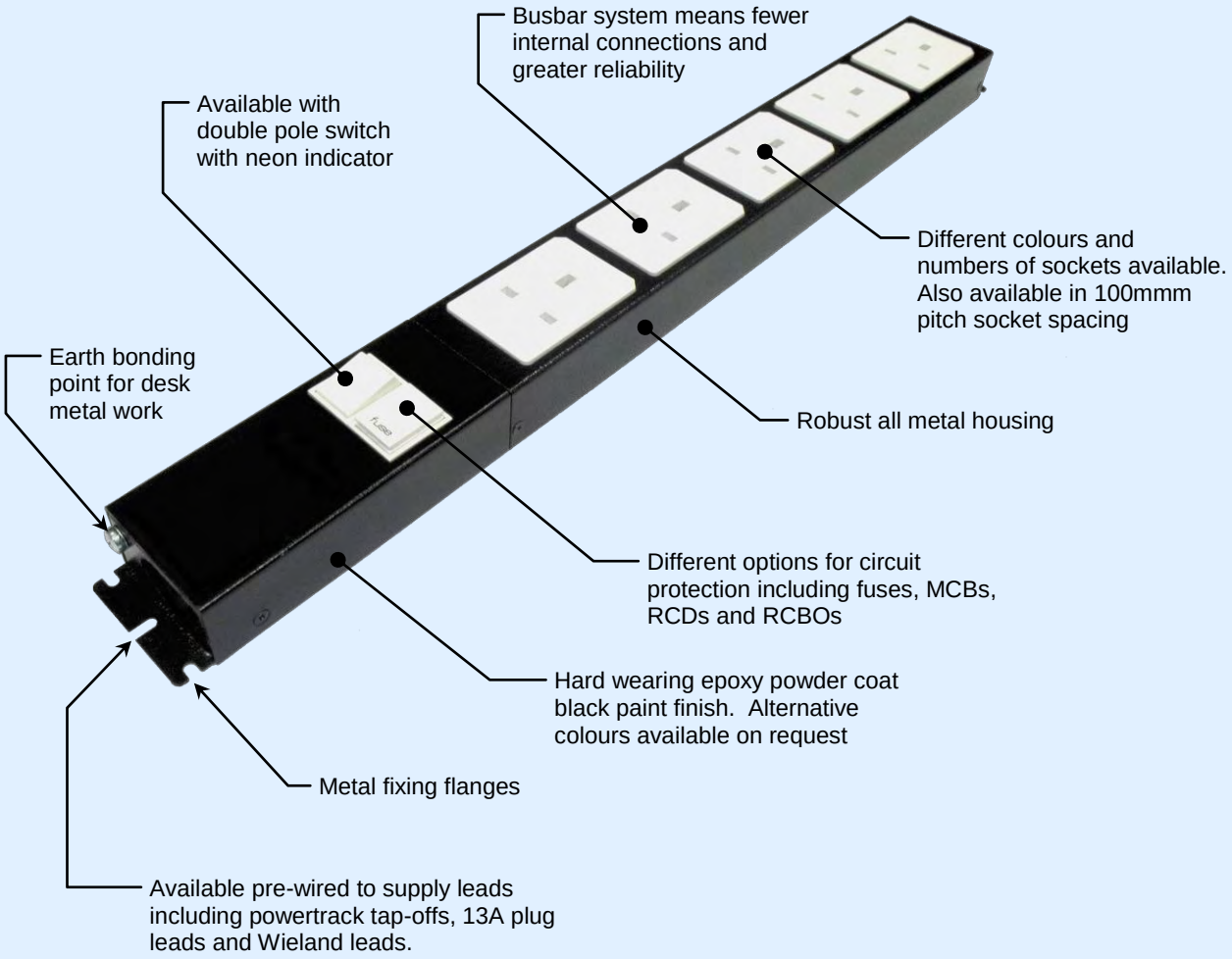
ELECTROPATENT DESK POWER MODULE
Technical information



Supply Options

Pre-wired options:	Electropatent Powerfloor tap-offs (other manufacturers' tap-offs on request) Flexible cable with either, 13A BS1363 plug, Wieland connector, Harting connector, or IEC 60309-2 Industrial plug.
Connector options:	Wieland ST18 and GST18 (16 Amp) Harting (16 Amp and 32A) Neutrik (32 Amp)

Electrical Specification

Rated voltage:	250	V
Rated current (maximum):	32	A
Frequency:	50/60	Hz
Rated insulation voltage (Line to Earth):	300	V

Standards

Complies with the relevant clauses of: - BS 5733: 1995
BS 1363-2: 1995

Factory Tested

All modules, with or without leads/tap-offs, are electrically tested for continuity and polarity of conductors, insulation resistance and earth bond strength.

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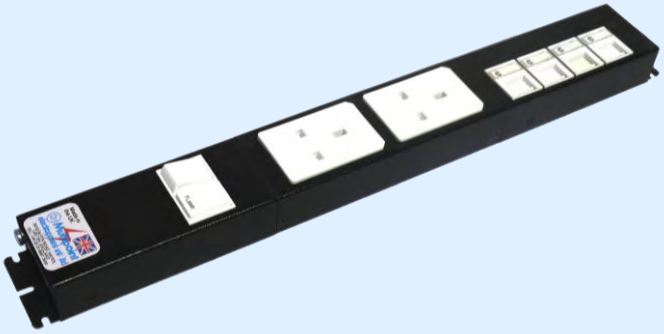
Component Specifications

Busbars:	6.0mm² High Conductivity Copper C101
Switch, when fitted, Double Pole, 20 Amp	BS EN 60669-1
Fuse (13 Amp maximum), when fitted:	BS1362
Miniature Circuit Breaker (MCB), when fitted:	EN 60898
Residual Current Device (RCD), when fitted:	EN 61008
Combined MCB/RCD (RCBO), when fitted:	EN 61009
Module Casings:	1.2mm mild steel, galvanised to EN 10142 - Fe PO2 G Z 275 NA
Socket Assemblies:	Glass filled PBT
Busbar Separation:	uPVC
Terminal Capacity (Not applicable if module pre-wired with supply cable):	10mm²
Mains Connection Module cable entry (Not applicable if module pre-wired with supply cable):	Ø20mm
Internal cables	1.5mm², 2.5mm² or 4.0mm² (depending on rated current) to BS6231
IP rating	IP40 when installed

Data Options

Modules are available with data compartment including versions with a deep data compartment to allow for Cat 6 cabling.



Colours Options

Alternative finishes and socket colours are available including:

- Different powder coat paint colours
- Brushed stainless steel finish
- Sockets available in white, black, red, blue, green and yellow



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Desktop service modules



Desktop solutions :

Mobile & Hot Desking
Table Services
Slat Rails

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Desk Top Modules with National & International socket options.



Available 1-6 socket versions

Modules available with options

- Power
- Data
- USB
- Audio
- Video
- And other Multimedia outlets

Generally, Finished in silver, white or brushed stainless steel.
Other colours available on request.



A range of socket styles, colours and configurations.
UK & International socket options include: -

- Euro – Schuko, French, Italian Swiss, Polish etc…
- US/Japan/Taiwan
- Australian
- Chinese
- Indian and RSA
- Outlets to suit service of choice



Supplied as a combined unit with Power and Data or as discrete units.

Can be clamped or permanently fixed to the desk via mounting M5 threaded bushes located in the base,

Cable entries can be facilitated in the back, sides or the base.

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Module finished in brushed in stainless steel (above)

Polished /Chrome finish



Choice of colours to suit furniture or client request

2 Power + 2 USB charging







Double sided modules with Power only or Power & Data

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Data Distribution - Network - Voice - Data containment

GOP boxes and Consolidation boxes for Copper and Fibre based structured cabling

For the last thirty plus years we have been designing and supplying data containment to major global structured cabling specialists. We have built a reputation for reliable cost effective solutions to cabling problems.

We have a vast collection of data boxes, panel plates, brackets and other containment peripherals for distributing and terminating structured cabling.

*** General Offices** *** Trading Floors,**

*** Comms/Server Room** *** Data Centres**



Data / GOP boxes suitable for a variety of structured cabling applications.

- Fabricated from 1.2, 1.5 or 2.0mm steel and finished in powder coat paint for a tough durable finish
- Generally supplied in black with option for variety of other colours
- 2 way to 40-way or more
- Suitable for Cat 5, Cat 6A or Cat 7
- Empty or with data outlets
- Choice of depths to suit application
- Supplied with black Nylon or galvanised steel conduit with conduit fixing brackets

If it is not in the existing range then we can always tailor it – A bespoke solution is available if required.

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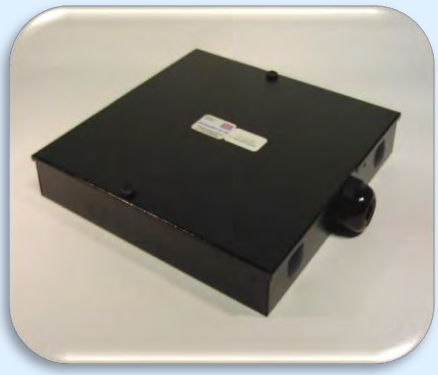
Sub-Floor boxes, GAP or Consolidation boxes

Designed to meet the needs of the structured cabling specialists, we have a many options to suits all possible applications including sub-floor, Ceiling and Data Centre applications.









Fabricated from mild steel and finished in powder coat paint for durability

- Multiple colour options available
- Copper or Fibre applications
- 8 way to 96 way outlets or more
- Suitable for Cat 5, Cat 6A or Cat 7
- Choice of depths to application
- Various sizes & cable management options
- Supplied to global cabling specialists

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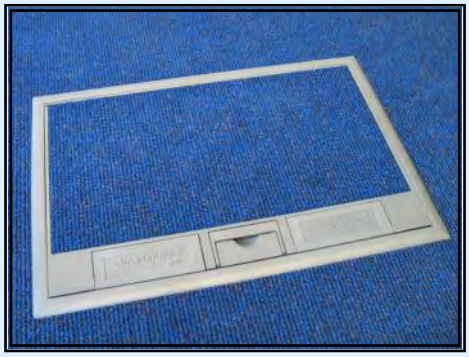
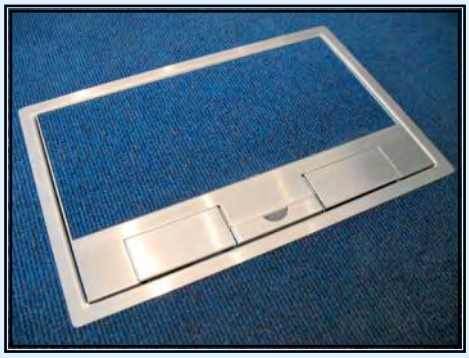
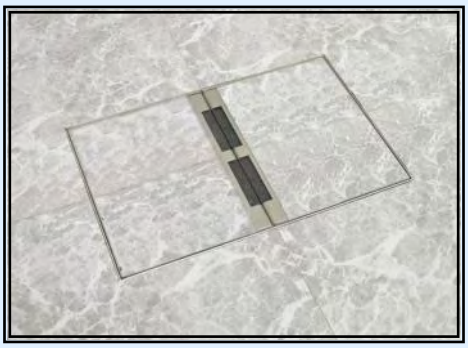
FLOOR BOX RANGE



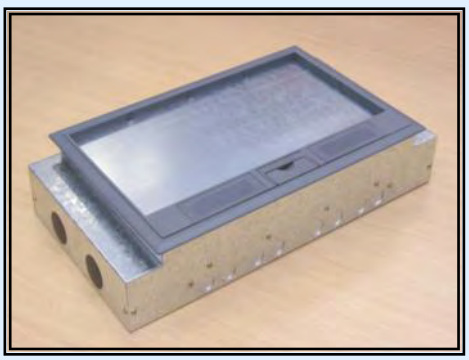


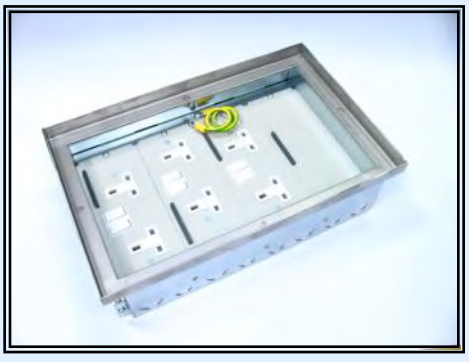












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Fax: +44 (0)20 8573 9090

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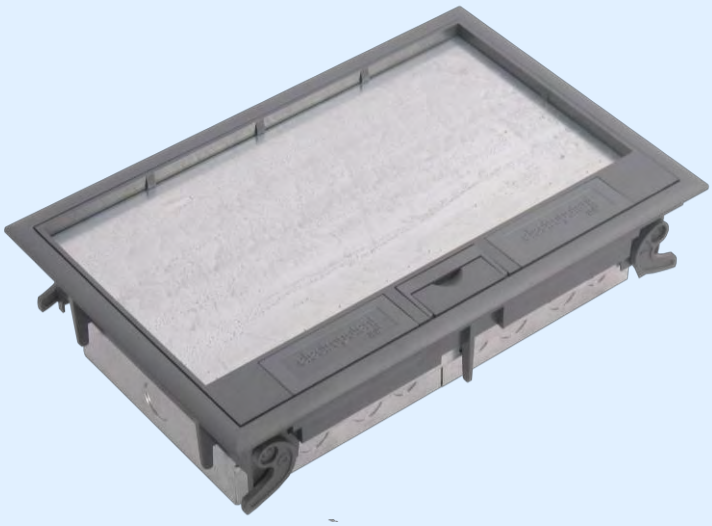
sales@electropatent.co.uk
www.electropatent.co.uk

Gazelle Floor Boxes

GAZELLE FLOOR BOX FOR RAISED FLOORS

The Gazelle range of floor boxes is a robust, fast-fit product designed to provide a long service life with minimal maintenance. It can be used in all installations that must comply with the 17th Edition of the UK wiring Regulations BS7671.





- Robust plastic frame with hinged plastic lid and cable outlets
- 4mm thick galvanized steel load plate
- 10mm recess in lid
- Reversible lid with strong cable flaps to protect cables
- Cable guides included as standard
- Available with deep plug clearance for phone chargers and AV connectors
- Available with deeper back box for Cat 6 data or higher
- Wide range of mounting plates for power data and audio visual connectors
- Floor box can be pre-wired with Electropatent powertrack tap-offs. Other manufacturer's leads available on request

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Gazelle Floor Boxes

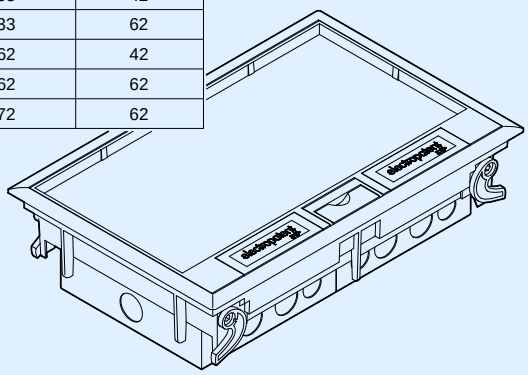
Dimensions - Raised Floor Box

All dimensions in mm

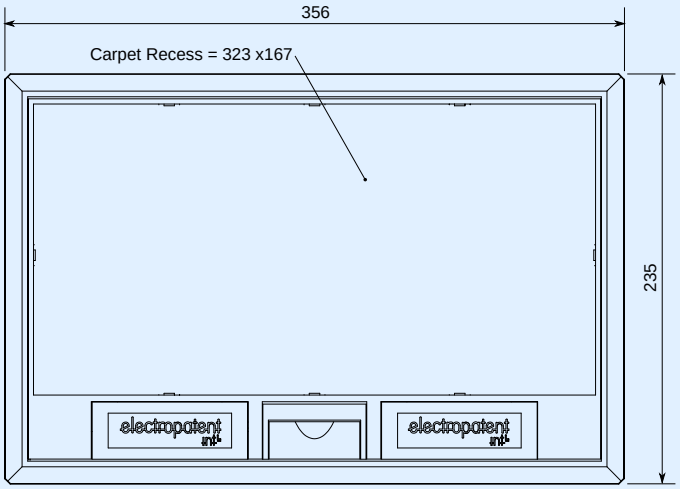
Floor Box Depths (mm)		
DIM A Total Box Depth	DIM B Plug Top Depth (internal)	DIM C Back Box Depth (internal)
66	22	29
75	33	27
90	33	42
110	33	62
123	62	42
143	62	62
153	72	62

66mm deep box has 3 compartments and 20mm diameter knockouts (see below)

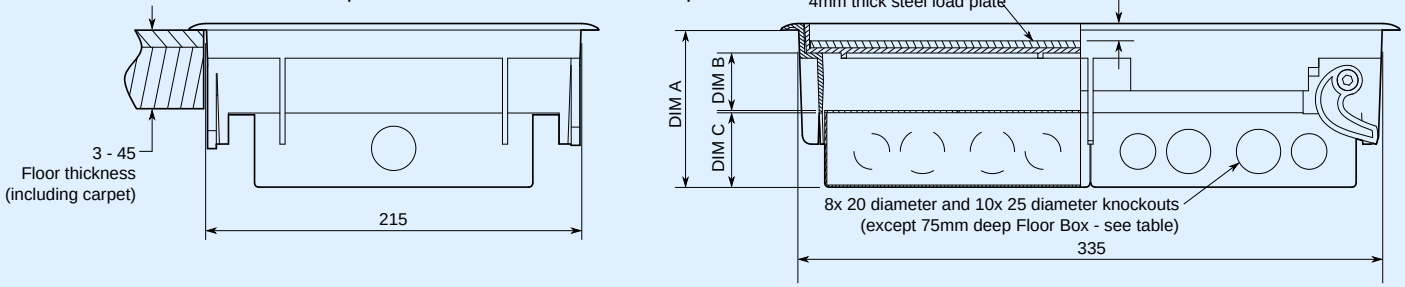
75mm deep box has 16mm diameter holes filled with domed plugs



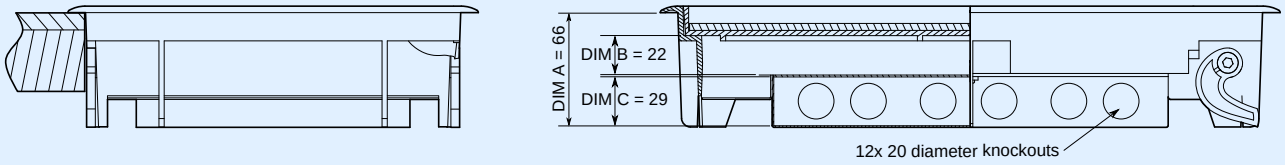
Recommended floor tile cut-out size = 337mm x 217mm
Tolerance = ± 1mm



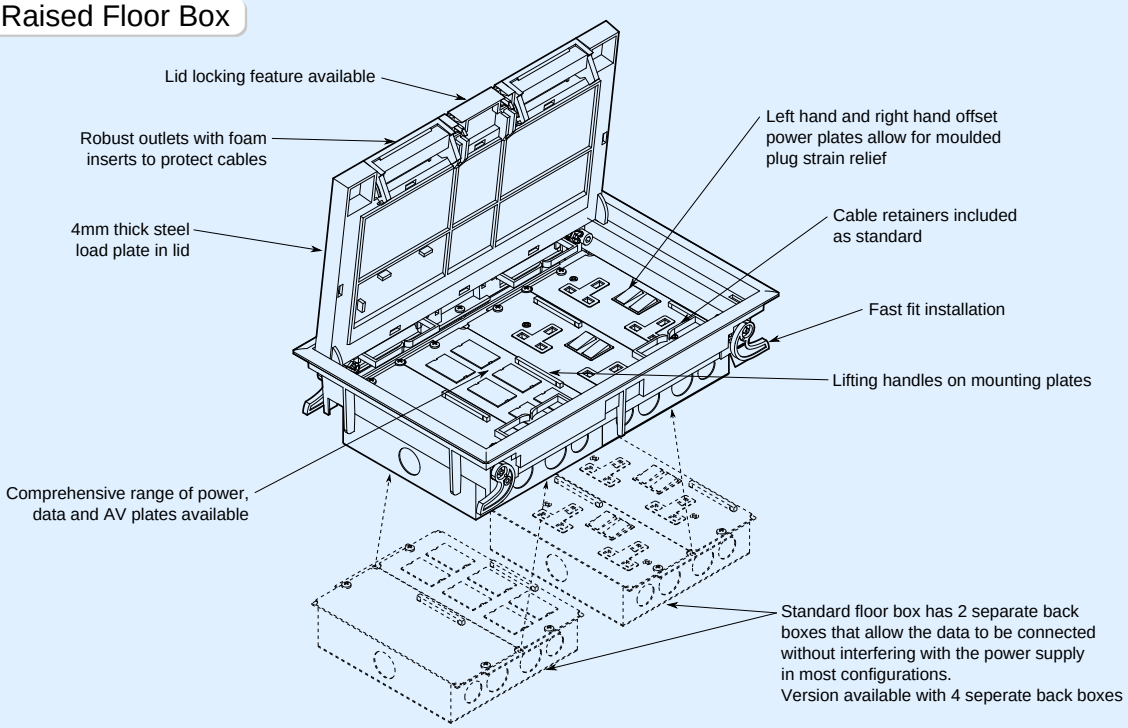
Standard Floor Box - 4 Compartment - 75mm to 153mm Deep



Shallow Floor Box - 3 Compartment - 66mm Deep



Features - Raised Floor Box



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Fax: +44 (0)20 8573 9090

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Gazelle Floor Boxes

Technical Specification

Description

The Gazelle range of floor boxes is a robust, fast-fit product designed to provide a long service life with minimal maintenance. It can be used in all installations that must comply with the 17th Edition of the UK wiring Regulations BS7671.

Standards

Complies with the relevant clauses of: -	BS 5733:2010

Approvals

Quality Management System to ISO 9001:2008	Intertek Certificate Number 2034

Component Specifications

Mounting frame, lid, exit flaps, pulls, cable guides, cam and ratchet mechanism:	Material: ABS/Polycarbonate blend Flame Retardant to V-O according to UL94 Colour: Dark Grey (RAL 7015)
Foam insert:	Material: Polyester based polyurethane foam CFS 32 UFR Flame Retardant to HF-1 according to UL94 Colour: Dark Grey
Accessory plates:	Material: 1.2mm Plastic coated Zintec mild steel Colour: Goosewing Grey
Back box and retaining rails:	Material: 1.2mm mild steel, galvanised to EN 10142 - Fe PO2 G Z 275 NA Colour: Natural
Cables in Conduit:	1.5mm² to 4mm², 6mm² to BS6231
Cable entry in back box:	Ø20.5mm and Ø25.5mm knockouts
IP rating to IEC 60529:	IP40 when installed

Electrical Specification

Rated voltage:	250	V
Rated current:	32	A
Frequency:	50/60	Hz
Rated insulation voltage (Line to Earth):	300	V

Electrical accessories will comply with the relevant product standard, e.g.:

- UK National plugs and sockets to BS1363
- Fuses to BS1362: 13 Amps maximum
- Tap-off leads to IEC 60439-2

Mechanical Specification

- Lid loading - tested to 4.5kN on 25mm square point load in accordance with PSA MOB PF2 PS specification.
- Floor tile or panel thickness range: 3mm to 45mm.
- Carpet recess in lid: 10mm.
- Different plug clearances available from 23mm to 75mm
- Different back box depths available from 25mm to 62mm

Other Features

- Fast to install with simple cam and ratchet (patented) fixing to floor tile.
- RCD protected sockets meet the requirements for additional protection in the 17th Edition of the UK wiring Regulations BS7671.
- UK sockets to BS1363 include two Earth terminals allowing for High Integrity Earth installations that include 2 separate protective conductors (ref BS7671 Regulation 543.7)
- Segregated power and data compartments.
- Deeper back boxes simplify installation of Cat 6 or higher structured cabling system
- 4 compartment configuration.
- Large range of accessories including non-British sockets.
- Reversible lid reinforced with 4mm thick galvanised steel plate.
- Screed floor option available.

Installation

Gazelle floor boxes should not be installed in the following areas:

- Where cables from the floor box will create a trip or other safety hazard.
- In fire exit routes.
- In passageways where trolleys or similar vehicles may be used.
- In floors where wet wash cleaning methods are used.
- Under chairs, desk legs, cabinets or similar storage units which will interfere with the lid opening.

Factory Testing

All wired modules are electrically tested for continuity and polarity of conductors, insulation resistance and earth bond strength.

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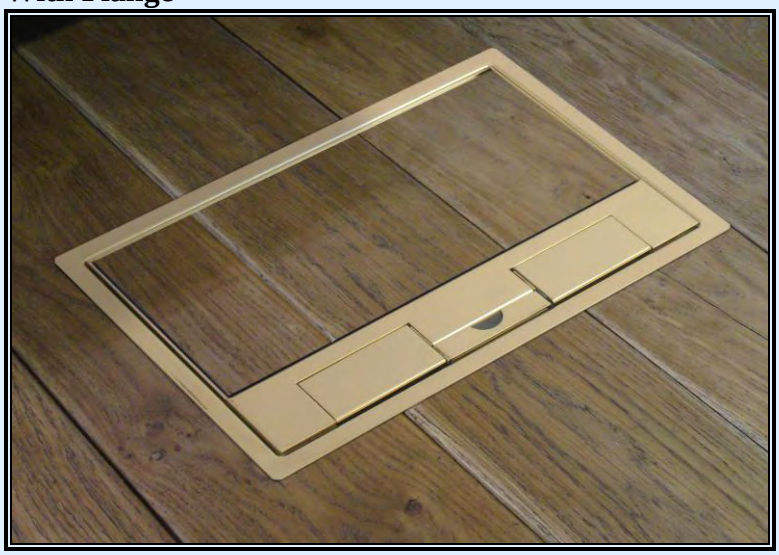
ELECTROPATENT FLOOR BOXES
WITH METAL FRAME, LID AND FLAPS

Electropatent have a range of high quality, robust floor boxes with stainless steel or brass finish that can be used in raised floors or screed floors. The version with flange mirrors our Gazelle range in plastic and includes a 10mm recess in the lid for carpet or other floor finishes. The version with no flange is used where the floor box must be flush with the floor surface and where the visual impact must be kept to a minimum.

With Flange



- High quality stainless steel or brass frame, lid and cable outlets
- 10mm recess in lid
- Available with deep plug clearance for phone chargers and AV connectors
- Available with deeper back box for Cat 6 data or higher
- Wide range of mounting plates
- 1.5mm thick flange means the floor box is only 1.5mm proud of the floor

Without Flange



- High quality stainless steel or brass frame, lid and cable outlets
- Range of depths of recess in lid
- Available with deep plug clearance for phone chargers and AV connectors
- Available with deeper back box for Cat 6 data or higher
- Wide range of mounting plates
- Completely flush with the floor finish

Finishes

The standard finish is brushed stainless steel. Alternative finishes including bead blasting, brass or even antique bronze are available (See next page for images).

Accessories

The floor boxes are designed to take the same accessory plates that are available for our Gazelle range including power sockets, data and audio visual connectors.

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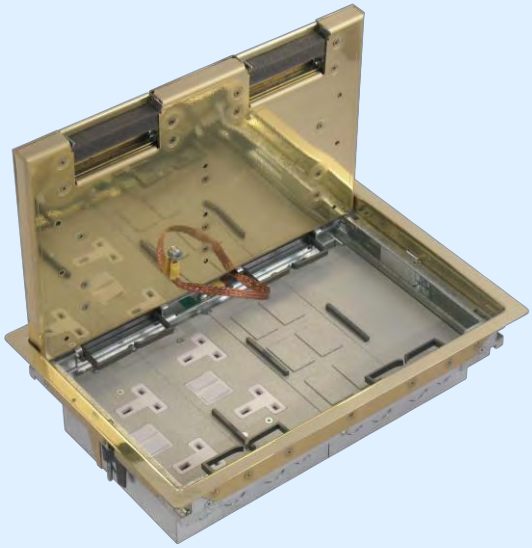
Available for Raised Floors and Screed Floors



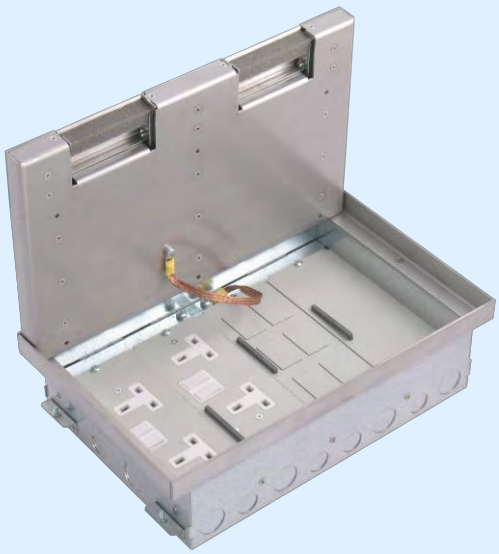
Raised Floor Version

- Box supplied complete for fitting into floor tile.
- 2 fixing clamps grip the floor tile securely
- Alternative depths available
- Many mounting plate options for power, data and Audio Visual connectors



Screed Floor Version with Flange

- Back box is installed into the screed and wired.
- The frame and lid are installed after the floor covering is laid.
- 2 fixing clamps securely fix the floor box to the back box
- Alternative depths available
- Many mounting plate options for power, data and Audio Visual connectors



Screed Floor Version without Flange

- Floor box is installed into the screed and wired.
- The lid can be removed and installed after the floor covering is laid to protect it from damage.
- Alternative depths available
- Many mounting plate options for power, data and Audio Visual connectors
- Brackets are available that allow the flangeless version to be installed in a raised floor

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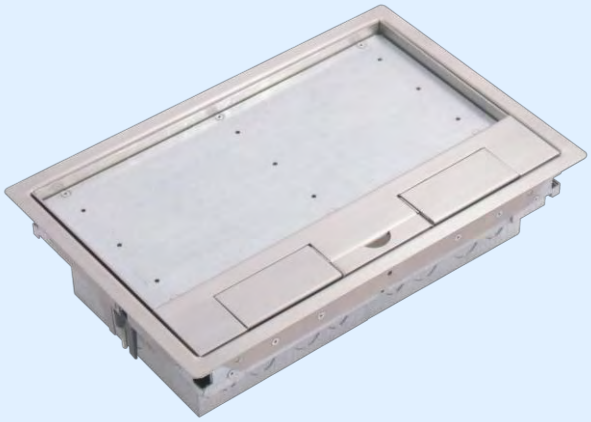
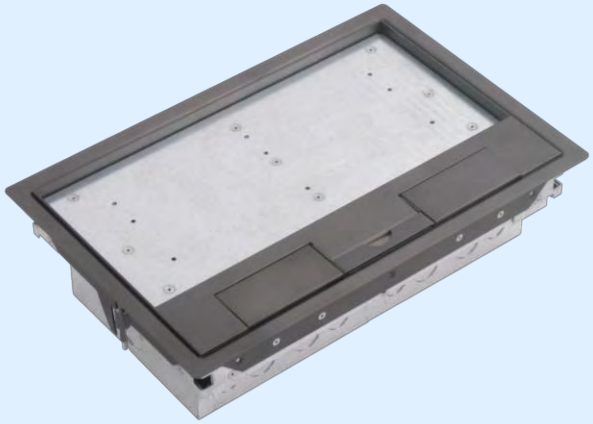
Alternative Finishes



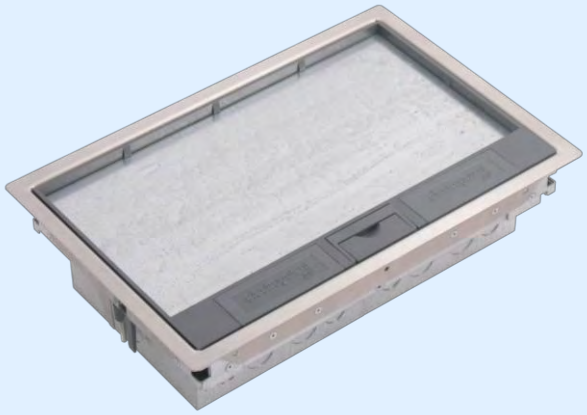
Stainless Steel Lid and Frame



Polished Brass Lid and Frame



Antique Bronze Lid and Frame



Plastic Lid and Stainless Steel Frame

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Electropatent Slab Boxes

Technical Specification

Description

The Electropatent range of Slab Boxes is a robust product designed to provide a long service life with minimal maintenance.

They can be used in all installations that must comply with the 17th Edition of the UK wiring Regulations BS7671.

They are typically used with our range of Multi-Port Access Grommets and can be pre-wired to our Powerfloor powertrack system.



Standards

Complies with the relevant clauses of: -	BS 5733:2010

Approvals

Quality Management System to ISO 9001:2008	Intertek Certificate Number 2034

Component Specifications

Back box and slab fixing brackets:	Material: 1.2mm mild steel, galvanised to EN 10142 - Fe PO2 G Z 275 NA Colour: Natural
Accessory plates:	Material: 1.2mm Plastic coated Zintec mild steel Colour: Goosewing Grey
Cables:	1.5mm², 2.5mm² or 4mm² to BS6004
Cable entry in back box:	Ø20.5mm and Ø25.5mm knockouts
IP rating to IEC 60529:	IP40 when installed

Electrical Specification

Electrical accessories will comply with the relevant product standard, e.g.:

- UK National plugs and sockets to BS1363
- Fuses to BS1362: 13 Amps maximum
- Tap-off leads to IEC 60439-2

Mechanical Specification

- Different back box depths available including 45mm and 66mm

Other Features

- RCD protected sockets meet the requirements for additional protection in the 17th Edition of the UK wiring Regulations BS7671.
- UK sockets to BS1363 include two Earth terminals allowing for High Integrity Earth installations that include 2 separate protective conductors (ref BS7671 Regulation 543.7)
- Segregated power and data compartments.
- Deeper back boxes simplify installation of Cat 6 or higher structured cabling system
- 2 compartment and 4 compartment configuration.
- Large range of accessories including non-British sockets.

Installation

Electropatent Slab Boxes should be mounted onto the slab or similar rigid surface:

Factory Testing

All wired modules are electrically tested for continuity and polarity of conductors, insulation resistance and earth bond strength.

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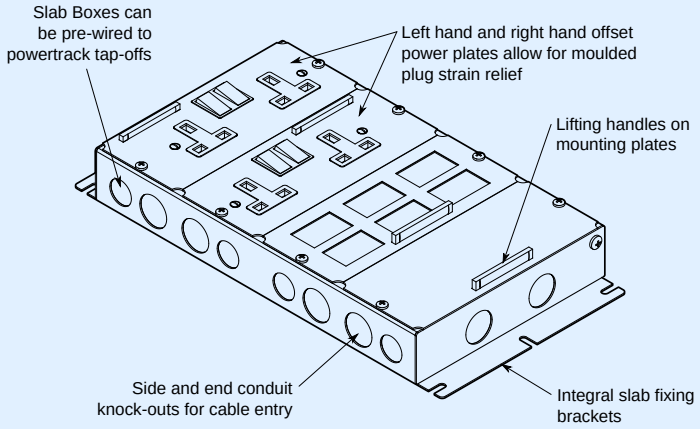
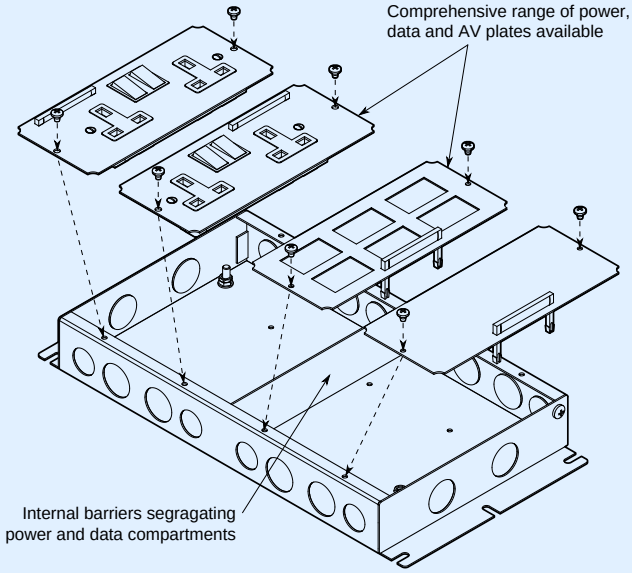
Electropatent Slab Boxes

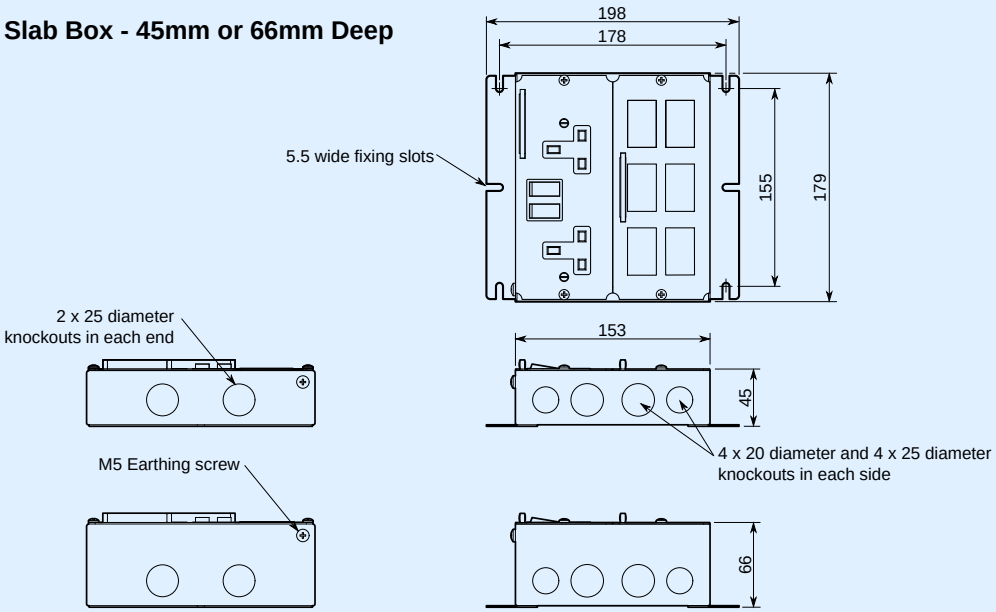
Features - Slab Box



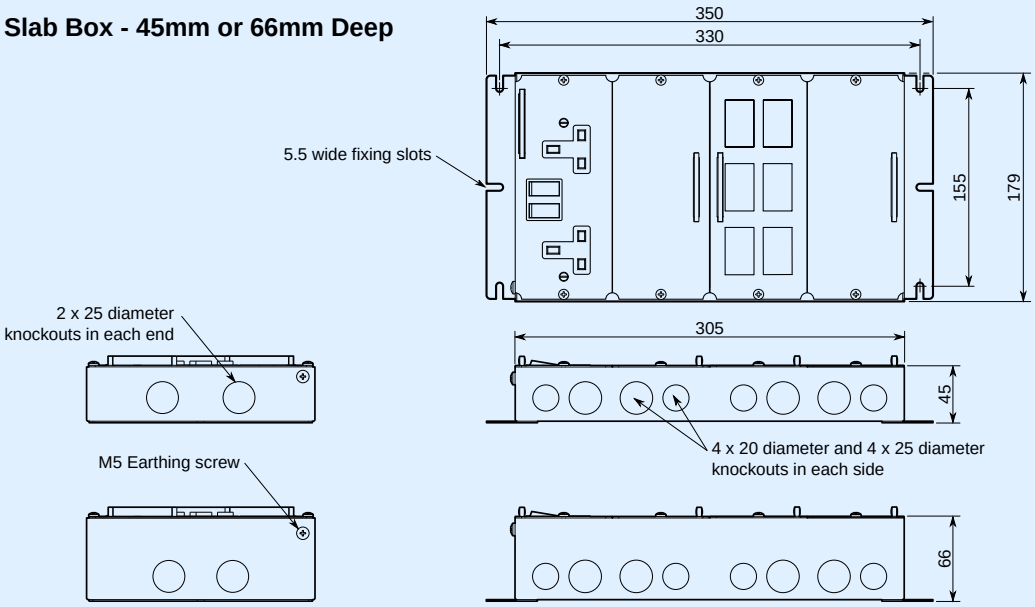


Dimensions - Slab Box

2 Compartment Slab Box - 45mm or 66mm Deep



4 Compartment Slab Box - 45mm or 66mm Deep



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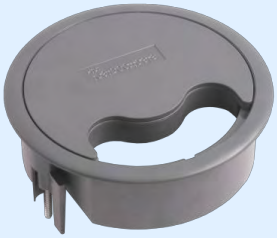
Multi-port & Multi-port+Plus Grommets Range

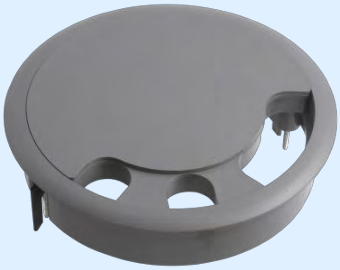


FOR

- Furniture
- Raised Floor services
- Screed Floors services
- Data Centres
- Cable management
- Specials



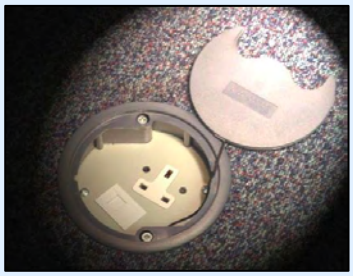














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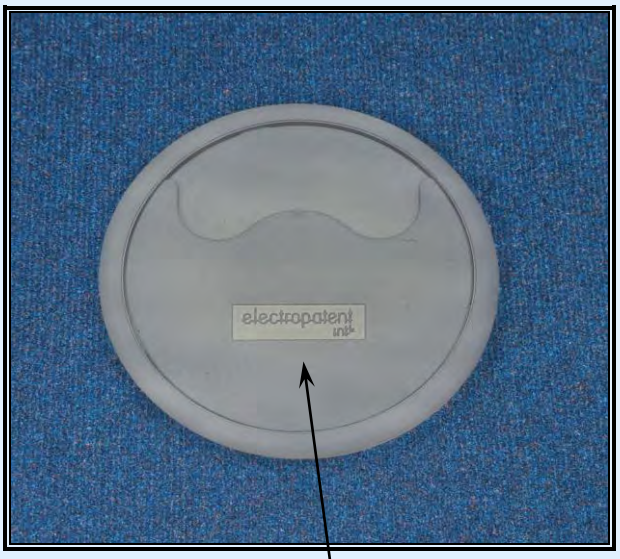
Multi-Port and Multi-Port Plus Grommets

MULTI-PORT - STANDARD ACCESS GROMMET

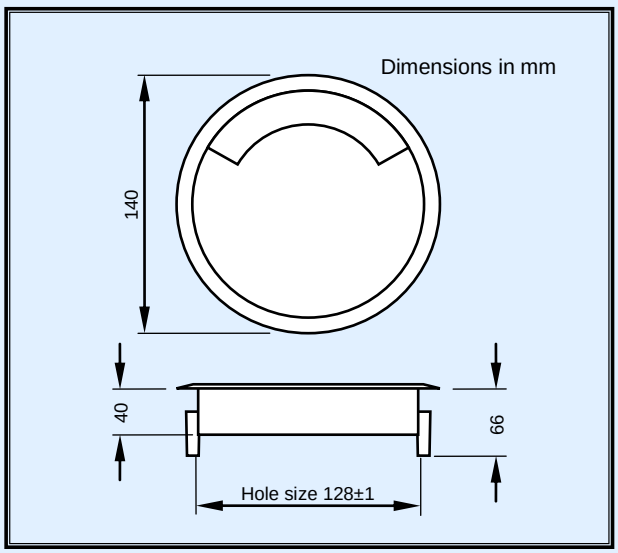
- Standard access
  - Fits 128mm diameter hole in floor tile
- Robust 2-piece rotating lid with elongated slot (available with locking lid facility)
  - Withstands normal pedestrian traffic in commercial offices
  - Adjust to suit services exiting the floor void
  - Single 28.5mm diameter elongated slot
- Standard capacity
  - 2x16mm and 2x 28mm diameter conduits or,
  - 3x 28mm diameter conduits.
- 2 fixing clamps
  - Fits securely into floor with adjustment between 5mm and 50mm floor tile depths
- Moulded in flame retardant ABS/Polycarbonate blend
  - Material rated at V0 to UL94

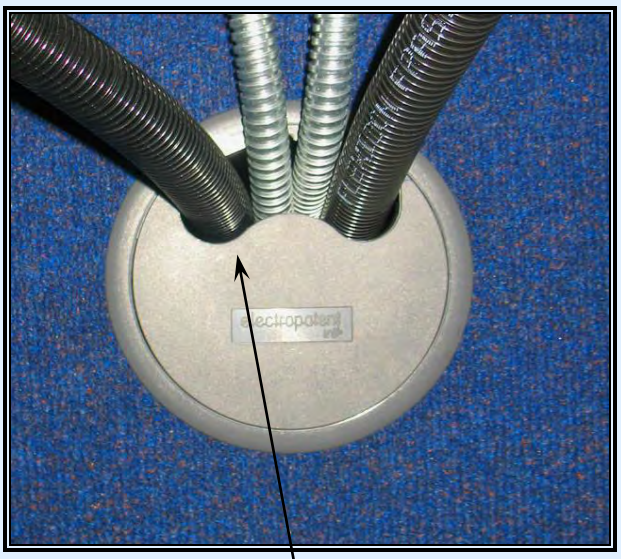
PART NUMBER 220-000-0001 (Dark Grey)



PART NUMBER 221-000-0001 (in Black)







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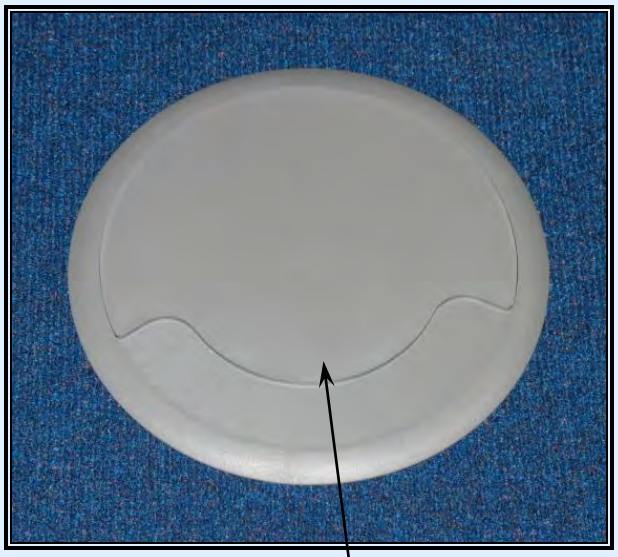
Multi-Port and Multi-Port Plus Grommets

MULTI-PORT - LARGE ACCESS GROMMET

- Large access
  - Fits 209mm diameter hole in floor tile
- Robust 2-piece rotating lid with 3 apertures
  - Withstands normal pedestrian traffic
  - Adjust to suit services exiting the floor void
  - Two 32mm diameter slots and one 32mm x 90mm slot
- Large capacity
  - 2x34mm and 2x 28mm diameter conduits or,
  - 5x 28mm diameter conduits.
- 2 fixing clamps
  - Fits securely into floor with adjustment between 5mm and 50mm floor tile depths
- Moulded in flame retardant ABS
  - Material rated at V0 to UL94

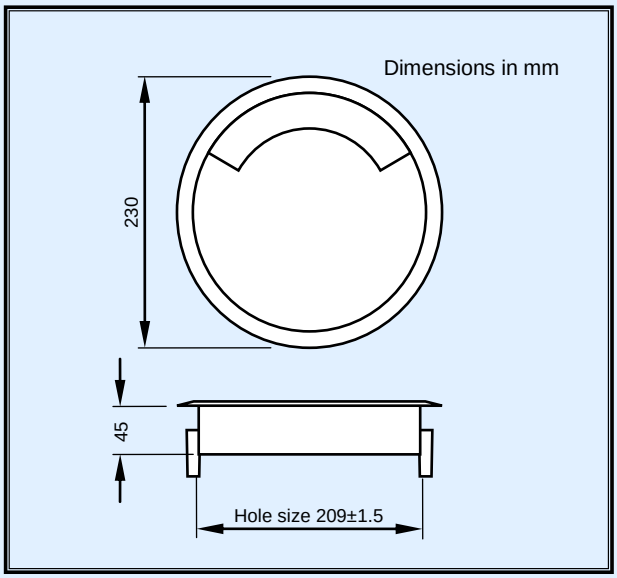
PART NUMBER 220-950-0001 (Dark Grey)



Robust two piece rotating lid



Multiple apertures for greater flexibility





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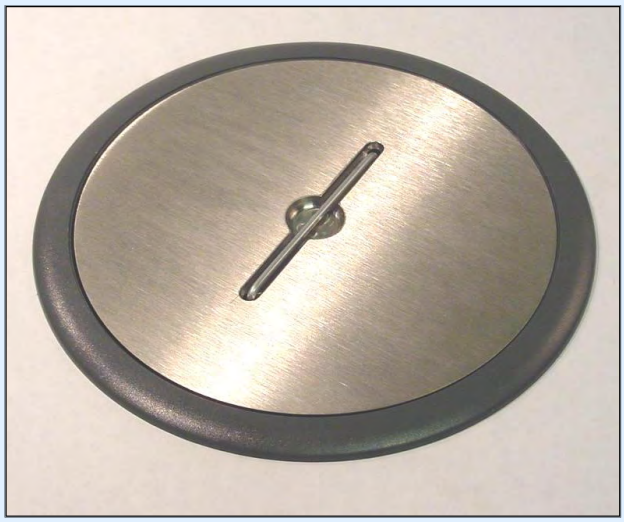
Grommets

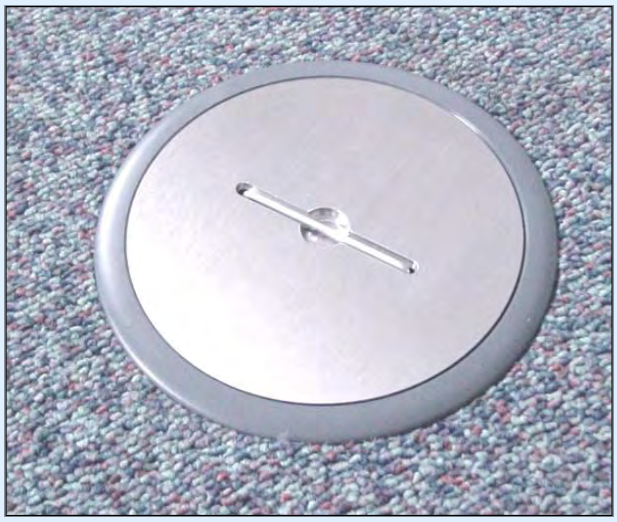
Multi-port Floor Grommet with brushed stainless steel lid





128mm diameter grey PC/ABS grommet with Stainless lid with locking screw - available in polished brass on request





128mm dia. grommet with 6mm thick Stainless lid with lid lifting handle - available in polished brass on request

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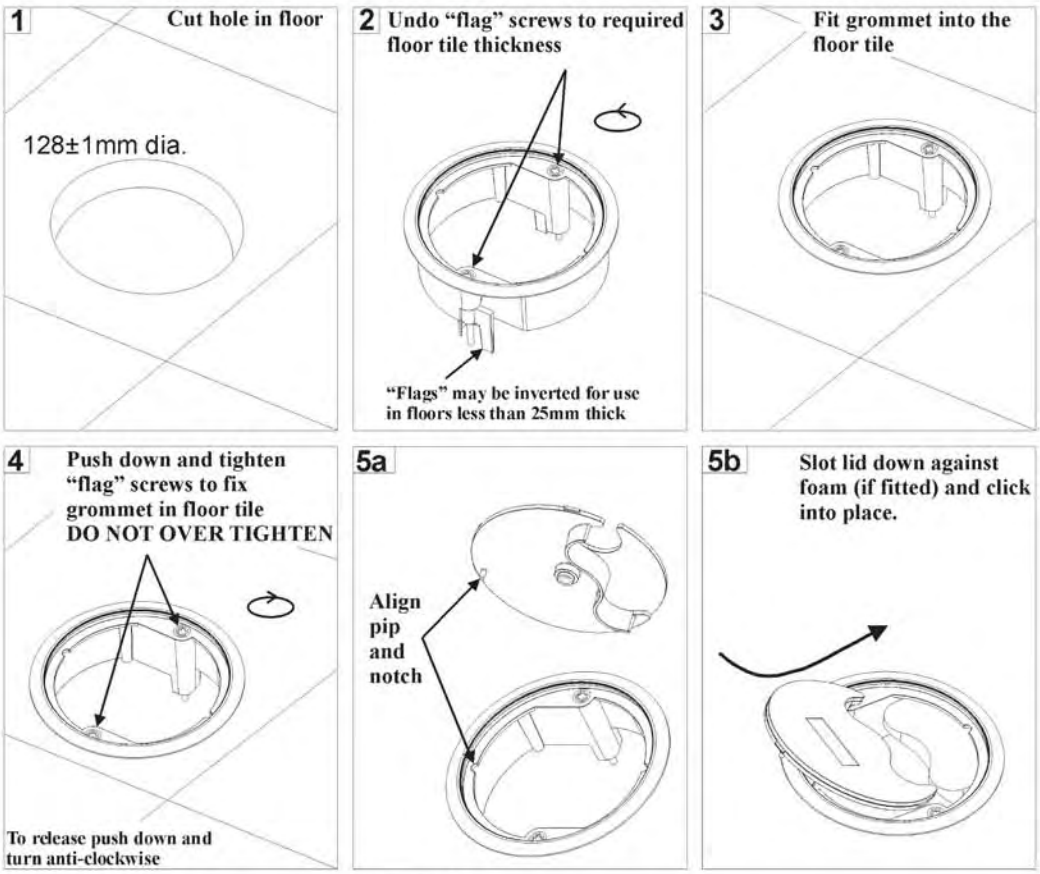
MULTI-PORT FLOOR GROMMET INSTALLATION INSTRUCTIONS



IMPORTANT

1. This grommet is intended for use in office areas subject to normal pedestrian loads and is not suitable for use in WET cleaned floors.
2. If a socket-outlet and back-box is fitted then cables supplying the box should enter through one of the knock-outs provided. These holes must be fitted with an appropriate gland or grommet, to protect the cable and prevent access to live terminals. This product must be wired and maintained by a qualified person in accordance with the Wiring Regulations.
3. The lids may be cleaned with a cloth dampened with mild detergent.
4. ***MULTI-PORT*** has no special disposal requirements.

COMPONENT SPECIFICATIONS

Upper/lower lids, sleeve and fixing flags:
Material: ABS/Polycarbonate blend
Flame Retardant to V-O according to UL94
Colour: Dark Grey or Black

Foam insert:
Material: Expanded EPDM foam
colour: Black

Accessory plates:
Material: 1.2mm Plastic coated Zintec mild steel
Colour: Goosewing grey

Back-box:
Material: 1.2mm mild steel, galvanised to
EN 10142 - Fe PO2 G Z 275 NA
Colour: Natural

Screws:
Zinc plated and passivated steel

MAIN FEATURES

Variable lid aperture.

Accepts up to 3 no. 28.5mm O/D conduits.

Fast to install with quick-release fixings.

Large range of accessories including non-British sockets.

Will accommodate a socket-outlet and LJ6C/RJ45 voice/data outlet.

Segregated data and power compartment in back box.

Optional foam insert.

Lid loading - when closed withstands over 300kg on

25mm square point load.

Passes 4.5kg hard-body impact test.

Complies with the requirements of B.S. 7671 1992

electropatent international limited
30/32 Blyth Road, Hayes, Middlesex UB3 1BY. UK
Telephone: +44 (0)20 8867 3500 Fax: +44 (0)20 8573 9090
e-mail: sales@electropatent.co.uk