FLEXIPOWER

Flexible & Sustainable Power Solutions

PRODUCT GUIDE – APRIL 2026

ENTEK
SOLUTIONS FOR THE BUILT ENVIRONMENT

CONTENTS

INTRODUCTION

Entek delivers innovative and sustainable solutions designed to enhance the performance and efficiency of modern buildings to ensure seamless integration, regulatory compliance, and long-term value for our clients. Backed by over a century of combined industry experience, our team partners with clients, designers, and contractors to deliver solutions across diverse industry sectors.

Partnering with leading manufacturers, we offer a comprehensive end-to-end service—from initial design and planning to final project delivery working closely with all stakeholders to ensure the requirements for each project is met.

Our commitment extends beyond installation. We provide ongoing service, maintenance, and dedicated support to ensure lasting performance and reliability. With a client-focused approach and deep technical expertise, Entek delivers high-quality solutions tailored to the evolving demands of modern buildings.

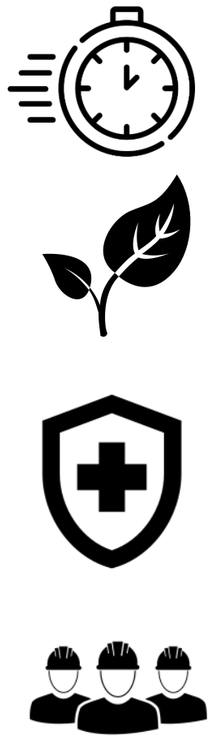
FLEXIPOWER

Benefits For Clients & Designers

- ✓ Design support provided
- ✓ Accelerates construction programmes
- ✓ Reduces material waste
- ✓ Lowers the building's carbon footprint
- ✓ Reduces health and safety risks

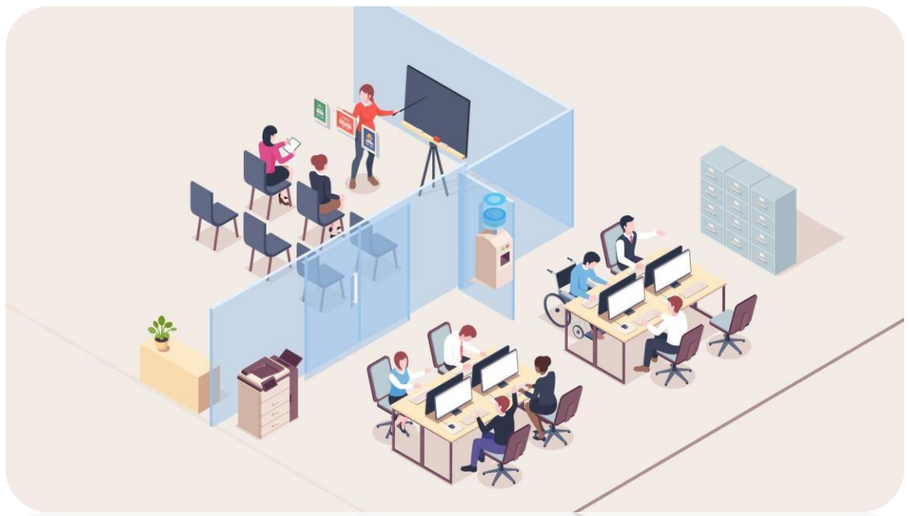
Benefits For Installers

- ✓ Accelerates installations
- ✓ Mitigates labour risks
- ✓ Reduces cost uncertainty
- ✓ Fully factory-tested solution



Up to **70%** Reduction in labour

Up to **30%** Reduction in costs



POWERING MODERN BUILDINGS

Over the past four decades, building design has evolved dramatically, yet electrical infrastructure has remained largely unchanged. Legacy assumptions no longer reflect how modern environments operate. LED technology alone has reduced energy usage for lighting by up to 75% and in 2023 the British Council for Offices recommended the provision of 60W per desk for general power services, down from 300W in 1990. This highlights just how inefficient and inflexible traditional power systems have become.

Modern buildings must support a wide range of activities, including:

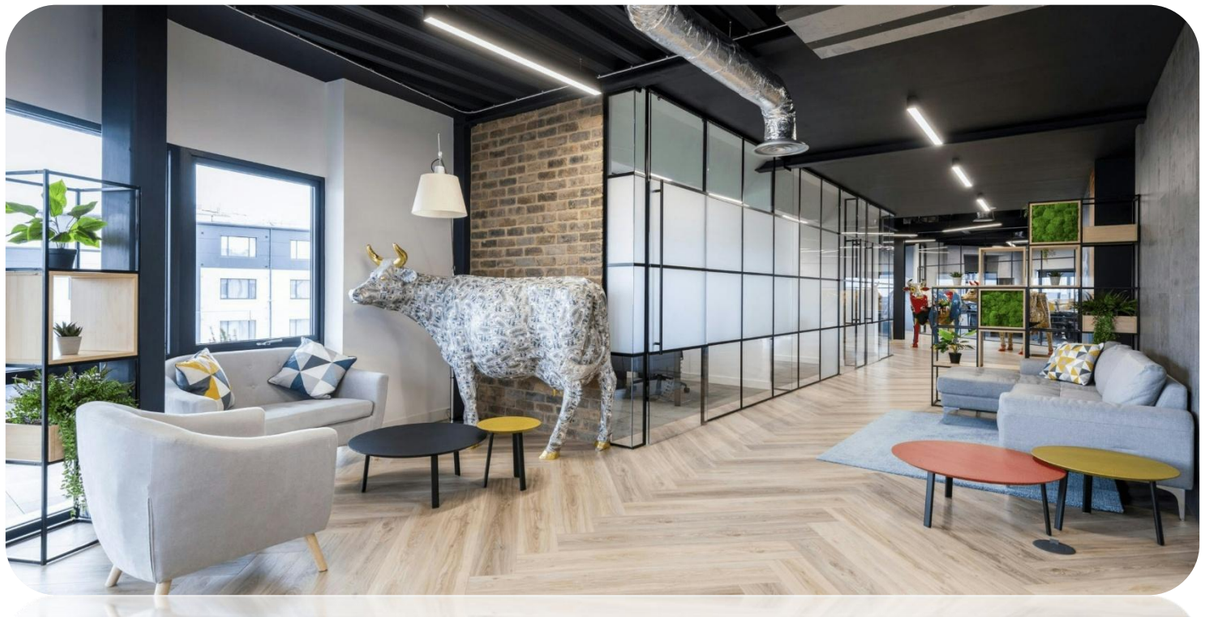
- Touchdown and flexible work areas
- Meeting and collaboration spaces
- Quiet zones for focused work
- Informal breakout and social areas
- Lounge-style seating
- Pods and private booths
- Training and presentation spaces
- Dining and refreshment areas
- Wellbeing and recovery zones

Each of these environments has different power & lighting needs, yet most buildings still rely on rigid, one-size-fits-all infrastructure. There is a common misconception that modular systems are fixed and inflexible, which could not be further from the truth.

FLEXIPOWER delivers power exactly where it is needed, across every type of building space. Embracing Modern Methods of Construction (MMC), the system is off-site manufactured, fast to install, and designed for change. It reduces disruption, improves quality control, and provides cost and programme certainty, all while lowering material use, reducing waste and reducing carbon impact.

Discover how FLEXIPOWER can help you create smarter, more flexible, and more sustainable spaces.

TRADITIONAL OFFICE (1984)



MODERN OFFICE (2024)

FLEXIPOWER

Floor To Desk General Services Solution

ENTEK
SOLUTIONS FOR THE BUILT ENVIRONMENT

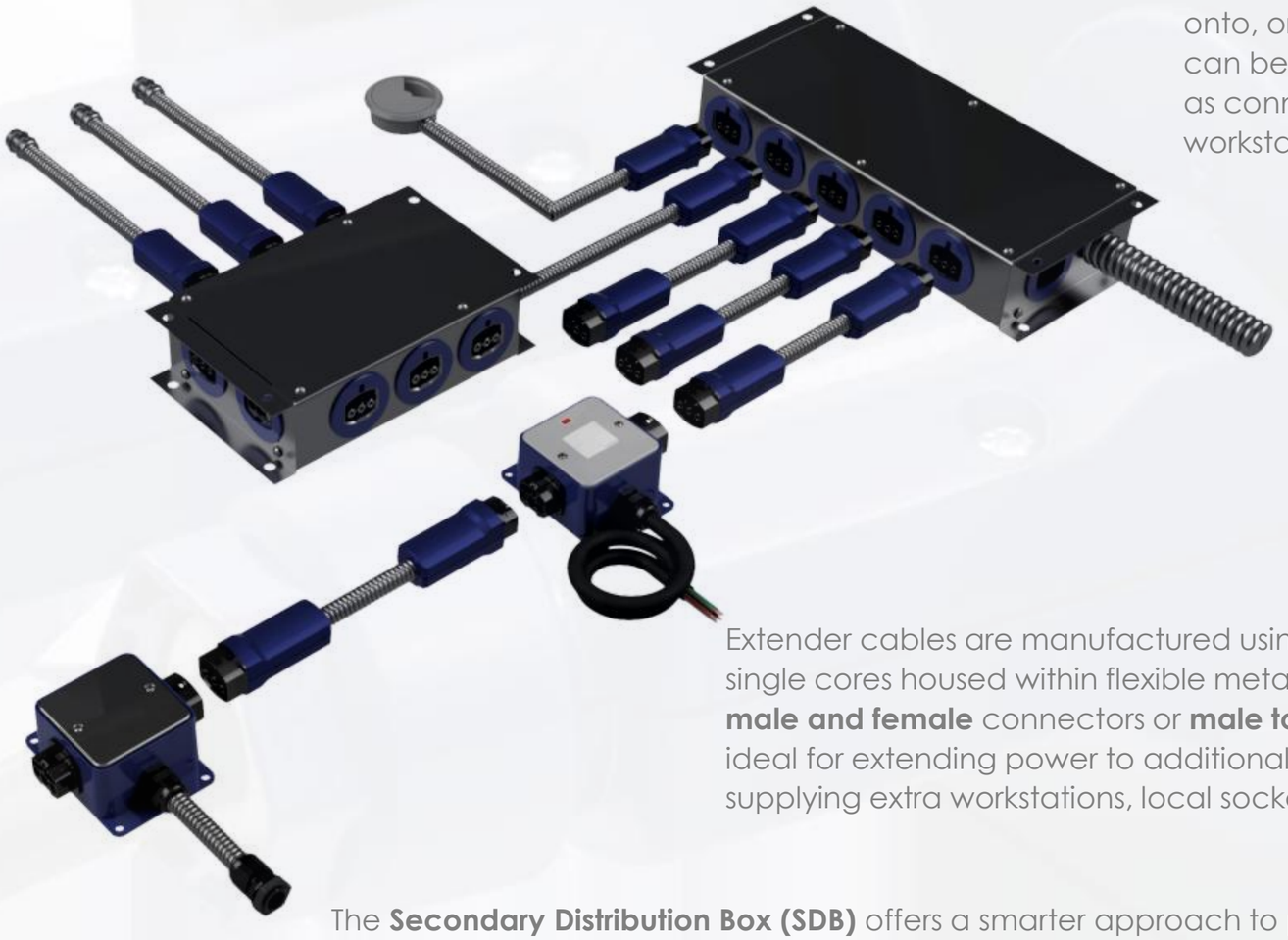
SYSTEM OVERVIEW

The **Main Distribution Box (MDB)** utilises a single home-run approach, delivering multiple circuits directly from the distribution board to circuit locations. By housing six or nine circuits within one conduit rather than relying on numerous separate cable runs, installation time is significantly reduced. One route. One connection point.

Home-run cables are constructed from 6.0 mm LSOH single cores housed within flexible metal conduit and supplied complete with gland and locknut. Each circuit is clearly labelled for ease of identification. Six-way MDBs contain 18 individual singles within each home run, arranged as three sets of six, while nine-way MDBs include 27 singles, configured as three sets of nine.

The required length of the home-run cable is defined by the agreed location on site. This cable can be supplied in a pluggable format, allowing for a direct pluggable connection into the local distribution board to further reduce onsite installation time and material waste

The installation of the socket in the distribution board for the MDB can be undertaken by the appointed panel builder.



Tee connectors provide a simple way to link devices into the circuit. They plug directly onto, or between, extender cables and can be used to supply wall outlets, as well as connect to floor boxes, grommets, or workstation power modules.

Extender cables carry individual circuits from the MDB directly to the required areas. They perform the role of traditional armoured cables, while offering plug-and-play functionality that reduces preparation time and speeds up installation.

Extender cables are manufactured using either 4.0 mm or 6.0 mm LSOH single cores housed within flexible metal conduit, complete with pre-wired **male and female** connectors or **male to open whip end** variants. They are ideal for extending power to additional areas across the floor, whether supplying extra workstations, local socket outlets or floor power services.

The **Secondary Distribution Box (SDB)** offers a smarter approach to power distribution, allowing a single circuit to efficiently supply multiple outlets. Ideal for contemporary underfloor office installations, it provides a flexible, plug-and-play alternative to conventional busbar systems. Backed by a full suite of floor-to-desk distribution products, it delivers dependable power wherever your workspace demands it.

MINIMISE MATERIALS
MINIMISE LABOUR

The 4 or 8 way Powerfeed PDU is a core component of the FLEXIPOWER solution, delivering a robust alternative to traditional systems.

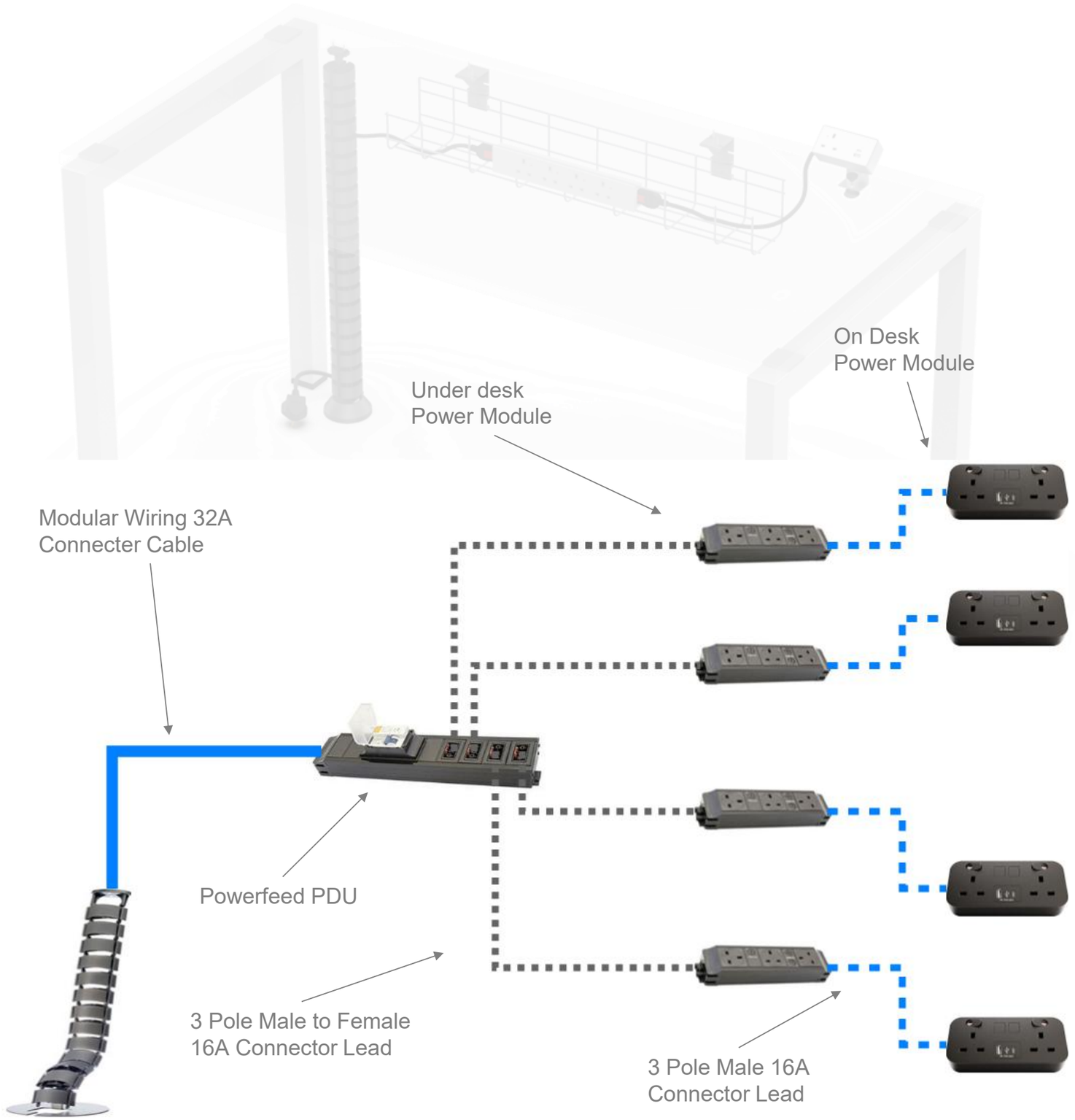
Instead of dividing circuits beneath the floor and introducing multiple penetrations and cable entry points, the system simplifies distribution by using a single access point.

A 32A supply is brought up through one grommet and then distributed directly to workstations via integrated, RCBO-protected sockets. This approach results in a cleaner, more efficient installation while maintaining full circuit protection. By reducing the number of grommets, tap-offs, and materials required, the PDU also cuts labour time and overall installation complexity.

Available with either four or eight outgoing 3 Pole connections, the Powerfeed PDU is adaptable to a wide range of layouts. A single in-feed ensures a far tidier and more organised appearance beneath workstations.

For applications requiring individual RCBO protection at each desk, this can be achieved by integrating a 5- or 9-way underfloor SDB to supply 4G or 6G RCBO-protected under-desk power modules.

Flexible by design. Faster to install.



FLEXIBLE
CONNECTIONS

Discrete Power & AV Solutions

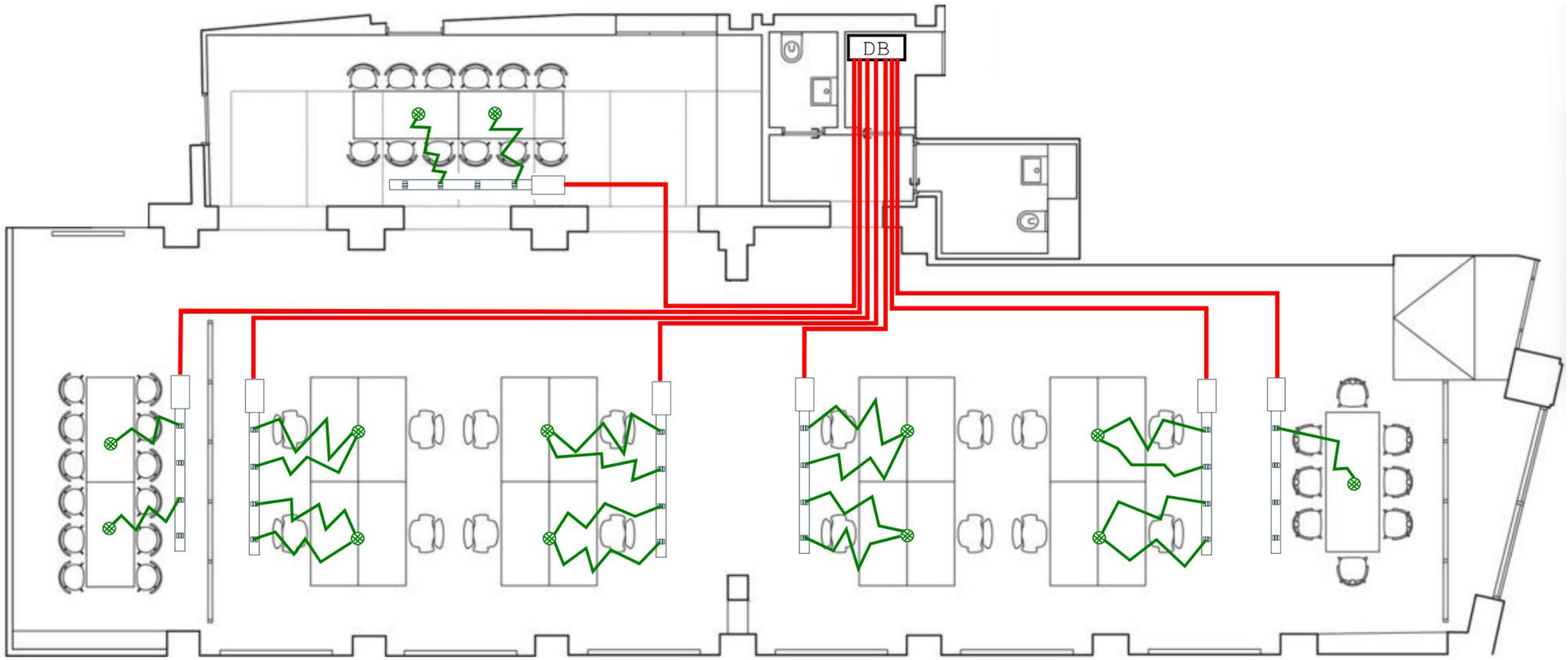
In Desk Modules

On Desk Power & Data

Powering Breakout Areas

Underdesk Power

TRADITIONAL POWER SOLUTION –
SWA & BUSBARS

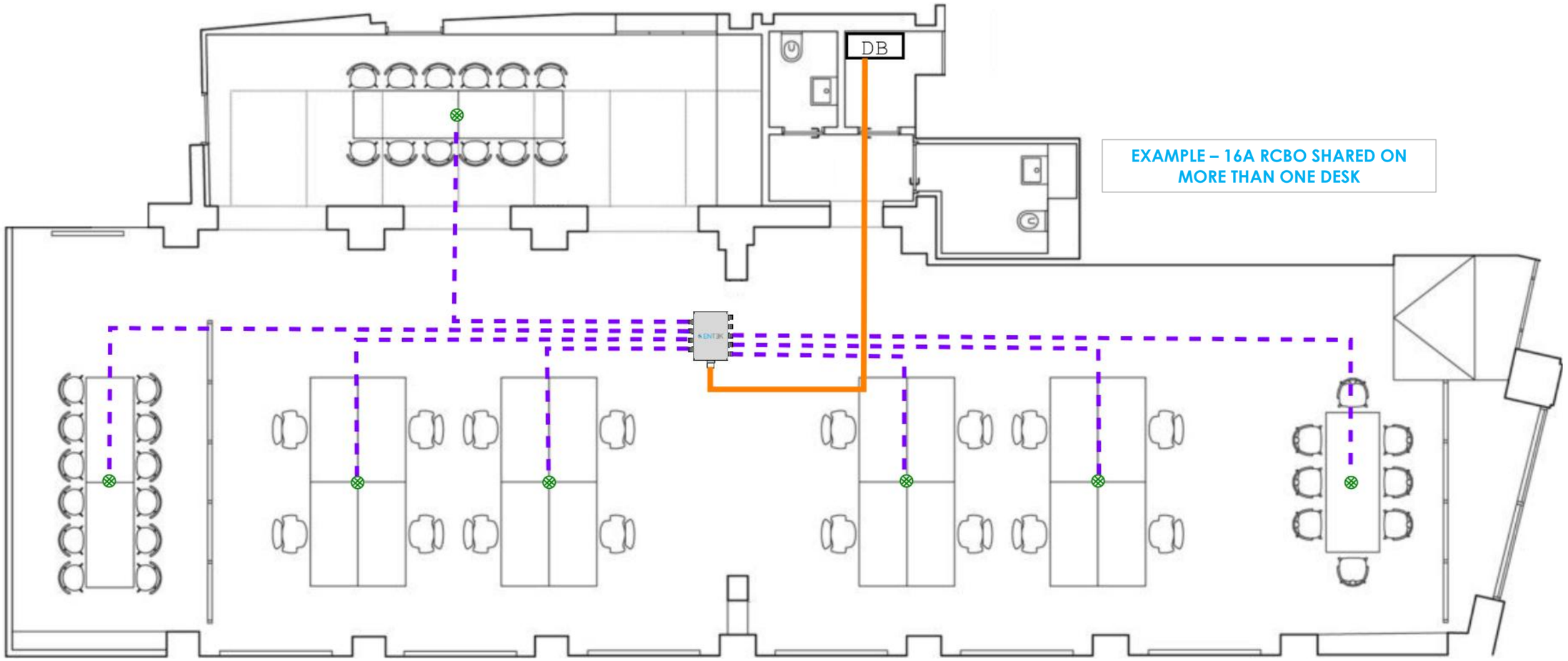


Product	Description
	6sq 3 Core SWA
	4 Way Underfloor Busbar
	Floor Access Grommet
	5m 32A Unfused Tap Off Lead

Traditional workstation layouts have typically relied on busbar systems, where each desk is supplied by an individual 32A tap-off from an underfloor busbar tap off point. This results in long linear busbar runs, multiple tap-offs, numerous floor grommets, and separate RCBOs serving each workstation.

In practice, modern desks require very little power. Current BCO guidance recommends an allowance of approximately 60 W per workstation, highlighting how disproportionate this traditional approach is. These legacy systems introduce unnecessary capacity, added materials, and rigid infrastructure that is poorly suited to the flexible, agile layouts used in today's workplaces.

MODULAR SOLUTION –
PLUGGABLE FLEXIPOWER WIRING SYSTEM



EXAMPLE – 16A RCBO SHARED ON MORE THAN ONE DESK

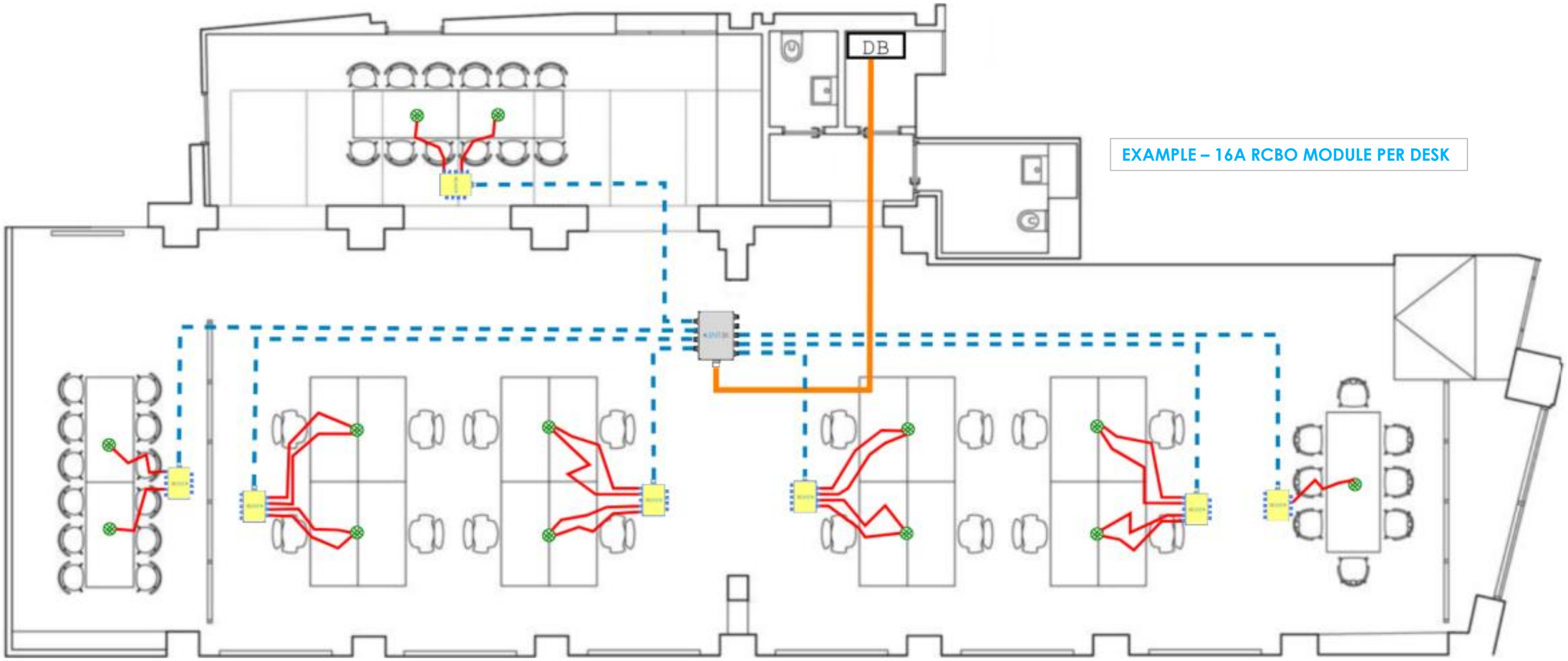
FLEXIPOWER enables truly agile workplaces by replacing rigid, traditional power infrastructure with a flexible modular system. Power is no longer fixed to linear desk layouts, allowing spaces to be easily reconfigured as teams and ways of working evolve.

A single 32A supply is brought through one grommet and distributed within the furniture through the Powerfeed PDU, reducing cabling, floor penetrations, labour, materials, and carbon impact.

The result is a cleaner installation, lower costs, and a future-ready workspace designed for flexibility and change.

Product	Description
	MDB - 9 Circuit (27 Core) 6sq Home Run Cable
	3 Core Male-Female Connector Leads
	Floor Access Grommet

MODULAR SOLUTION –
PLUGGABLE FLEXIPOWER WIRING SYSTEM



EXAMPLE – 16A RCBO MODULE PER DESK

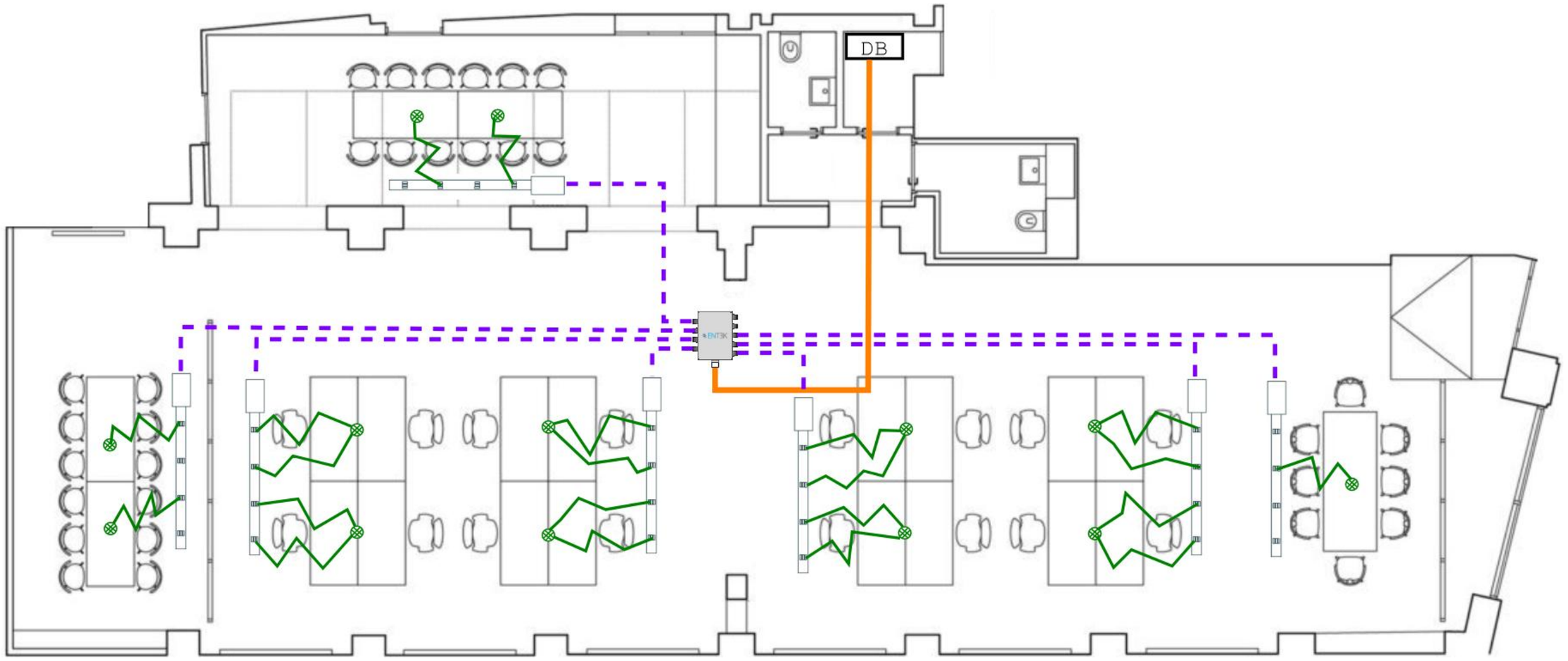
For designs requiring individual 16A RCBO protection per desk, a local Secondary Distribution Box (SDB) can distribute power from the floor to each workstation via 32A armoured cables. This highlights the inherent flexibility of the FLEXIPOWER solution.

In this configuration, a 6mm² cable spine connects the local distribution board to the MDB and SDB. A 32A 4mm² lead then links the sub-floor SDB to a 4-gang or 6-gang RCBO-protected socket module located within the desk trough.

The result is a cleaner installation, reduced costs, and a future-ready workspace built for easy reconfiguration.

Product	Description
	MDB - 9 Circuit (27 Core) 6sq Home Run Cable
	3 Core Male-Female Connector Leads
	SDB - 1 in 5 or 9 Out - 32A
	3 Core Male to Desk Module Connector Leads
	Floor Access Grommet

HYBRID SOLUTION –
PLUGGABLE FLEXIPOWER WIRING SYSTEM & BUSBAR

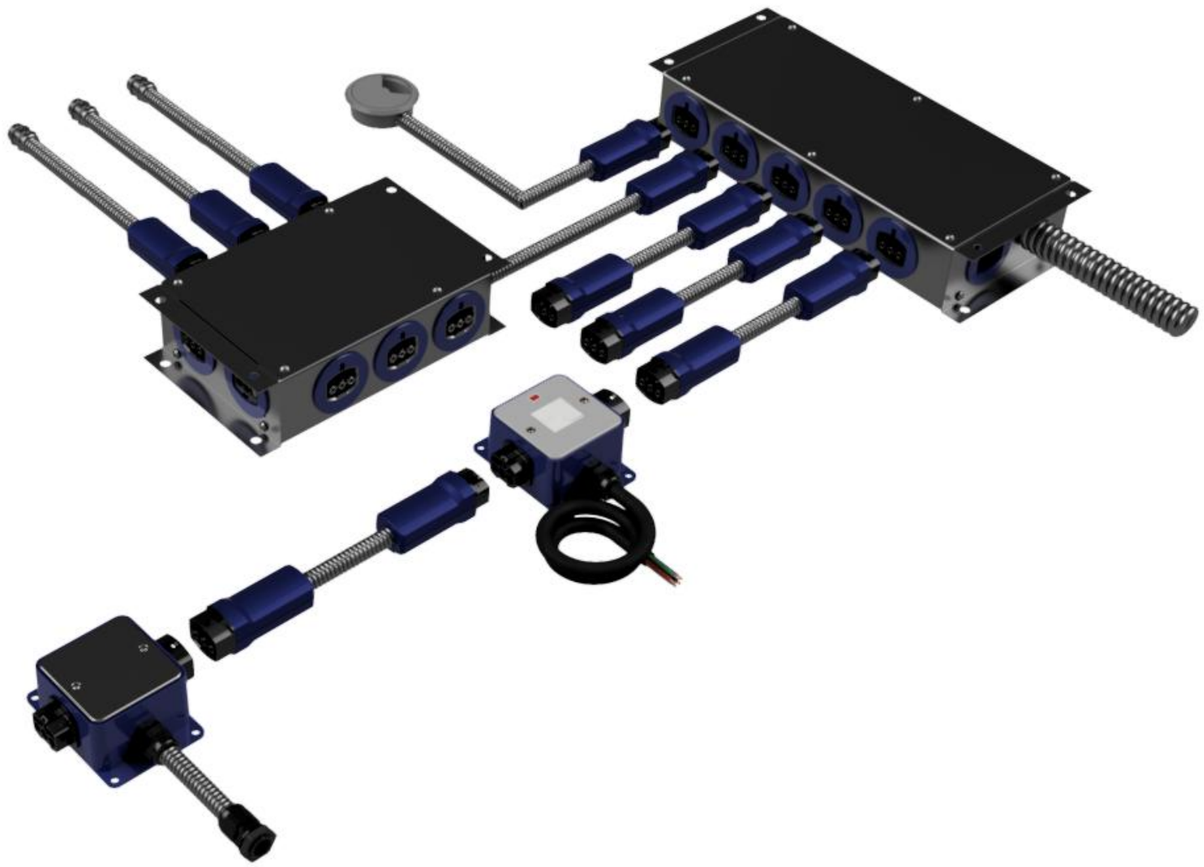


Product	Description
	MDB 9 Circuit (27 Core) 6sq Home Run Cable
	3 Core Male-Female Connector Leads
	4 Way Underfloor Busbar
	Floor Access Grommet
	5m 32A Unfused Desk Module Tap Off Lead

For specific project requirements or where an existing busbar may exist, a hybrid solution combining FLEXIPOWER with underfloor busbar may deliver the best of both approaches.

By layering modular wiring onto a busbar system, design intent can be achieved with minimal disruption, reduced installation time, and lower overall cost, while unlocking the benefits of the FLEXIPOWER solution.

PRODUCT INFORMATION



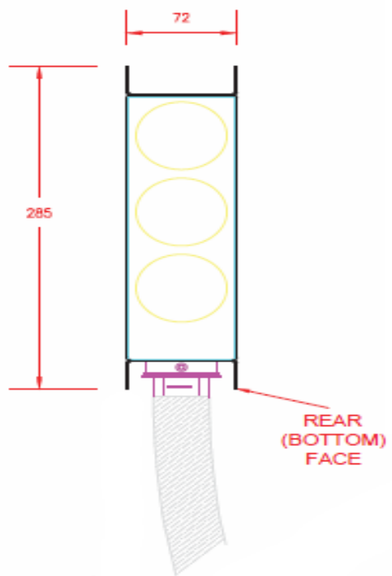
DISTRIBUTION BOXES

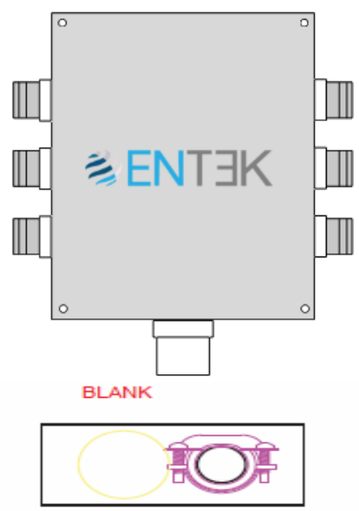
MDB 6-WAY

Six-circuit, six-port outlet boxes are supplied as part of the system. Each home-run cable is provided complete with a gland and locknut, allowing it to be securely fixed into the distribution board header trunking or, where required, supplied in a format that enables direct plug-in connection to the distribution board.

The overall length of each home run is determined by its location within the building and the specific layout of the installation.

NUMBER OF CORES	18 + EARTH
CABLE DIAMETER	18 x 6.0mm2 L, N, E
RATED CURRENT (A)	32 A
RATED IMPULSE VOLTAGE	4 kV
POWER OUTPUTS	3 Pin (6 circuits)
RATED VOLTAGE	250/400 V
FREQUENCY (HZ)	50 Hz
MECHANICAL CODING	Black
LOCKABLE	Self Locking
IP RATING	IP20
CONNECTOR STANDARD	BS EN 61535:2019
QMS:	ISO9001:2015
WIRING AND TEST STANDARD	BS EN 60228:2005 BS EN 50525-3-41:2011 BS 8488:2009+A1:2010



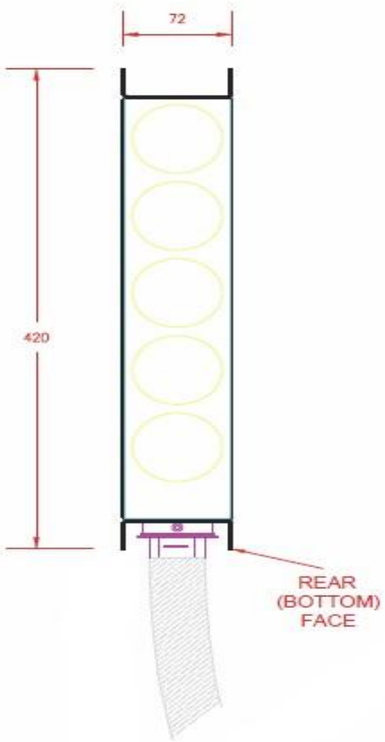


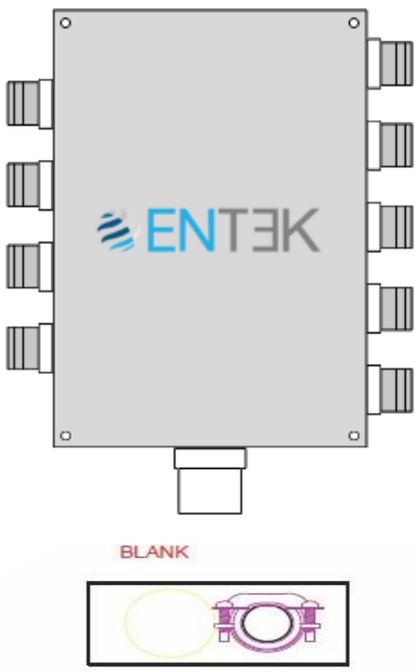
MDB 9-WAY

Nine-circuit, nine-port MDB outlet boxes are also available within the system. Each home-run cable is supplied complete with a gland and locknut for secure fixing into the distribution board header trunking or alternatively can be provided in a pluggable configuration for direct connection to the distribution board.

Home-run cable lengths are defined by their position within the building and the requirements of the individual installation.

NUMBER OF CORES	27 + EARTH
CABLE DIAMETER	27 x 6.0mm2 L, N, E
RATED CURRENT (A)	32 A
RATED IMPULSE VOLTAGE	2.5 kV
POWER OUTPUTS	3 Pin (9 circuits)
RATED VOLTAGE	250/400 V
FREQUENCY (HZ)	50 Hz
MECHANICAL CODING	Black
LOCKABLE	Self Locking
IP RATING	IP20
CONNECTOR STANDARD	BS EN 61535:2019
QMS:	ISO9001:2015
WIRING AND TEST STANDARD	BS EN 60228:2005 BS EN 50525-3-41:2011 BS 8488:2009+A1:2010





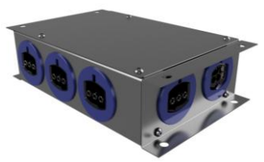
SDB 5 WAY or 9 WAY

A single-circuit underfloor sub distribution box with one incoming supply and nine outgoing connections. Designed to support desk power, grommets, and floor box feeds, it also offers a practical solution where individual RCBO protection is required at each workstation.

In these applications, it can be used as pluggable alternative to traditional underfloor busbar systems, delivering structured distribution while maintaining compliance and layout flexibility.

NUMBER OF POLES	3
CABLE DIAMETER	6.0mm²
INPUTS	1
OUTPUTS	5 or 9 Available
RATED CURRENT (A)	32 A
RATED IMPULSE VOLTAGE	2.5 kV
RATED VOLTAGE	250/400 V
FREQUENCY (HZ)	50 Hz
MECHANICAL CODING	Black
LOCKABLE	Self Locking
IP RATING	IP20
CONNECTOR STANDARD	BS EN 61535:2019
QMS:	ISO9001:2015
WIRING AND TEST STANDARD	BS EN 60228:2005 BS EN 50525-3-41:2011 BS 8488:2009+A1:2010

DISTRIBUTION BOXES & HOMERUNS

STANDARD CIRCUIT DISTRIBUTION BOXES		
MDB 6 Circuit	32mm Conduit – 6mm2	10m Home Run
		20m Home Run
		30m Home Run
		40m Home Run
		50m Home Run
MDB 9 Circuit	40mm Conduit – 6mm2	10m Home Run
		20m Home Run
		30m Home Run
		40m Home Run
		50m Home Run
SDB 5 or 9 Outlets		1 In 5 0ut SDB Or 1 In 9 out SDB

Additional lead lengths and configurations available upon request

DISTRIBUTION LEADS & ACCESSORIES

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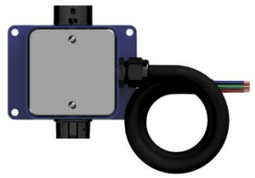
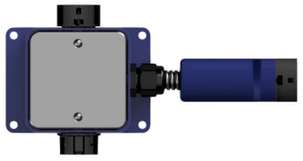
MODULAR WIRING CONNECTING CABLES		
	**Male to Female - Extender** 4mm2 or 6mm2 LSOH	2m
		5m
		8m
		10m
		12m
		15m
		20m
	**Male to Open – Whip End** 4mm2 LSOH	5m
		10m
		15m
	**Female to Open – Distributor** 4mm2 or 6mm2 LSOH	10m
		20m
		30m

Additional lead lengths and configurations available upon request

DISTRIBUTION LEADS & ACCESSORIES

MODULAR WIRING - TEE CONNECTIONS

 **Tee whip end - open**	**Open Tee** 6mm2 to 4mm2 LSOH for cable drop to supply general services sockets and spur units	3.0m
 **Tee connector**	**Distribution Tee Female – Male** 6mm2 to 4mm2 LSOH	

Additional lead lengths and configurations available upon request

UNDERDESK DISTRIBUTION

MODULAR POWER AND DESK DISTRIBUTION

Power PDU 	Includes 16A RCBO 1 x GST  **DP-UD-RCBO-G-IL**	RCBO – 16A B Curve A Type Available Pre Wired and factory tested with either a Tee Whip End or Male to Open Lead	
	Includes 16A RCBO 4 x 3PC  **DP-UD-RCBO-4-3P**	RCBO – 16A B Curve A Available Pre Wired and factory tested with either a Tee Whip End or Male to Open Lead	
	Includes 16A RCBO 8 x 3PC  **DP-UD-RCBO-8-3P**	RCBO – 16A B Curve A Type Available Pre Wired and factory tested with either a Tee Whip End or Male to Open Lead	
16A RCBO + 4 x UK Fused  **DP-UD-RCBO-4GS-F**	16A RCBO + 6 x UK Fused  **DP-UD-RCBO-6GS-F**	RCBO – 16A B Curve A Type Available Pre Wired and factory tested with either a Tee Whip End or Male to Open Lead	
Male to Female Interlink 	0.5m Black **DP-INTL-0.5M**	1m Black **DP-INTL-1M**	
	2m Black **DP-INTL-2M**	3m Black **DP-INTL-3M**	
UK to Female Starter Lead 	1m ,2m or 3m Starter leads 13A **DP-STL-1M** **DP-STL-2M** **DP-STL-3M**		
Underdesk Power 	2 UK fused + 3 Pole Exit  **DP-UD-2GS-F**	4 UK fused + 3 Pole Exit  **DP-UD-4GS-F**	6 UK fused + 3 Pole Exit  **DP-UD-6GS-F**

Please contact us for our full range of socket outlets and accessories

ON-DESK

Image	Description	Part Number
Modern 1G – 18W 	Includes 1 x UK fused + USB A x 1 + C x 2 18w + clamp bracket Black or White Prewired with a 0.5m 3 Pole lead	White - DP-OD-1G-USB-W Black - DP-OD-1G-USB-B
Modern 1G – 65W 	Includes 1 x UK fused + USB A x 1 + C x 2 65w + clamp bracket Black or White Prewired with a 0.5m 3 Pole lead	White - DP-OD-1G-USB65-W Black - DP-OD-1G-USB65-B
Modern 2G – 18W 	Includes 2 x UK fused + USB A x 1 + C x 1 18w + media slot + clamp bracket Black or White Prewired with a 0.5m 3 Pole lead	White - DP-OD-2G-USB-W Black - DP-OD-2G-USB-B
Modern 2G – 65W 	Includes 2 x UK fused + USB C x 2 65w + media slot + clamp bracket Black or White Prewired with a 0.5m 3 Pole lead	White - DP-OD-2G-USB65-W Black - DP-OD-2G-USB65-B
Modern 4G – 18W 	Includes 4 x UK fused + USB A x 1 + C x 1 18w + media slot + clamp bracket Black or White Prewired with a 0.5m 3 Pole lead	White - DP-OD-4G-USB-W Black - DP-OD-4G-USB-B
Modern 4G – 65W 	Includes 4 x UK fused + USB C x 2 65w + media slot + clamp bracket Black or White Prewired with a 0.5m 3 Pole lead	White - DP-OD-4G-USB65-W Black - DP-OD-4G-USB65-B

Please contact us for our full range of On Desk modules and accessories

Image	Description	Part Number
ECO Desktop - 2G, 4G + 6G 	Includes a choice of 2G/4G/6G UK fused sockets + clamp bracket Black/Grey Prewired with a 0.5m 3 Pole lead	2G - DP-OD-2G-BG-BU 4G - DP-OD-4G-BG-BU 6G - DP-OD-6G-BG-BU
ECO Desktop + USB 	Includes a choice of 2G/4G/6G UK fused sockets + USB A/C + clamp bracket Black/Grey or White Prewired with a 0.5m 3 Pole lead	**Black & Grey** 2G - DP-OD-2G-USB-BG-BU 4G - DP-OD-4G-USB-BG-BU 6G - DP-OD-6G-USB-BG-BU **White** 2G - DP-OD-2G-USB-WH-BU 4G - DP-OD-4G-USB-WH-BU
ECO Desktop + Data 	Includes a choice of 2G/3G/4G UK fused sockets + 2 or 4 data outlets + clamp bracket – Black/Grey Prewired with a 0.5m 3 Pole lead	DP-OD-2D-BG-BU -Data Only DP-OD-2G-2D-BG-BU DP-OD-2G-4D-BG-BU DP-OD-3G-4D-BG-BU DP-OD-4G-4D-BG-BU
ECO Desktop + USB + Data 	Includes a choice of 2G/3G/4G UK fused sockets + USB A/C + Data 2/4 clamp bracket Black and Grey or White Prewired with a 0.5m 3 Pole lead	**White** DP-OD-2G-USB-2D-WH-BU DP-OD-3G-USB-2D-WH-BU DP-OD-4G-USB-2D-WH-BU DP-OD-4G-USB-4D-WH-BU **Black & Grey** DP-OD-2G-USB-2D-BG-BU DP-OD-3G-USB-2D-BG-BU DP-OD-4G-USB-2D-BG-BU DP-OD-4G-USB-4D-BG-BU
Mini Desktop – 1G + USB 	Includes 1 x UK fused + USB A/C 18w + clamp bracket White Prewired with a 0.5m 3 Pole lead	DP-OD-1G-USB-WH-MINI
Mini Desktop – 2G 	Includes 2G fused sockets + clamp bracket White Prewired with a 0.5m 3 Pole lead	DP-OD-2G-WH-MINI

Please contact us for our full range of On Desk modules and accessories

IN-DESK

Image	Description	Part Number
QiDock 65 – White 	Includes 1 x UK fused + USB A + C 65w + Qi charger White Fits into an 80mm hole and includes a male 3 Pole connector to power	DP-ID-1G-USB65-QI-80MM-W
QiDock 65 – Black 	Includes 1 x UK fused + USB A + C 65w + Qi charger Black Fits into an 80mm hole and includes a male 3 Pole connector to power	DP-ID-1G-USB65-QI-80MM-B
Desk Combo Qi – White	Includes 1 x UK fused + USB A + C 18w + Qi charger White Fits into an 80mm hole and Prewired with a 0.5m 3 Pole lead	DP-ID-1G-USB-QI-80MM-W
Desk Combo Qi – Black 	Includes 1 x UK fused + USB A + C 18w + Qi charger Black Fits into an 80mm hole and Prewired with a 0.5m 3 Pole lead	DP-ID-1G-USB-QI-80MM-B
Desk Grommet Combo 	Includes 1 x UK fused + USB A + C 18w + Media Option (USB A or C or HDMI) White Fits into an 80mm hole and includes a male 3 Pole connector to power	DP-ID-1G-USB-80MM-W DP-ID-1G-USB-D-80MM-W DP-ID-1G-USB-H-80MM-W
Desk Grommet Combo 	Includes 1 x UK fused + USB A + C 18w + Media Option (USB A or C or HDMI) Black Fits into an 80mm hole and includes a male 3 Pole connector to power	DP-ID-1G-USB-80MM-B DP-ID-1G-USB-D-80MM-B DP-ID-1G-USB-H-80MM-B

Please contact us for our full range of In Desk modules and accessories

Image	Description	Part Number
Recessed Desk Units - Power 	Includes a choice of 2G/4G/6G UK fused sockets + USB A/C 18W + desk fixings Black/Grey Includes a male 3 Pole connector to power	DP-ID-2G-USB-F DP-ID-4G-USB-F DP-ID-4G-2USB-F DP-ID-6G-2USB-F
Recessed Desk Units – Power & Data 	Includes a choice of 2G/4G UK fused sockets + USB A/C 18W + 4 x 6C data + desk fixings. Black/Grey Includes a male 3 Pole connector to power	DP-ID-2G-USB-4D-F DP-ID-4G-USB-4D-F
Flip Desk - Power 	Includes a choice of 2G and 4G UK fused sockets + USB A/C 18W + desk fixings Black/Brushed Aluminium Prewired with a 0.5m 3 Pole lead	DP-ID-2G-USB-FLIP DP-ID-4G-FLIP DP-ID-4G-USB-FLIP
Flip Desk – Power & Data 	Includes a choice of 2G and 4G UK fused sockets + USB A/C 18W + 4 x 6C data + desk fixings Black/Brushed Aluminium Prewired with a 0.5m 3 Pole lead	DP-ID-2G-4D-FLIP DP-ID-2G-USB-4D-FLIP DP-ID-4G-4D-FLIP DP-ID-4G-USB-4D-FLIP
Pop Up Unit - Power 	Includes a choice of 2G or 4G UK fused, USB A/C 18w outlets + fixings Black/Aluminium Prewired with a 0.5m 3 Pole lead	DP-ID-2G-POP DP-ID-2G-USB-POP DP-ID-4G-USB-POP
Pop Up Unit – Power & Data 	Includes a choice of 2G or 4G UK fused, USB A/C 18w outlets + 4 x 6C data + fixings. Black/Aluminium Prewired with a 0.5m 3 Pole lead	DP-ID-2G-4D-POP DP-ID-2G-USB-4D-POP DP-ID-4G-4D-POP DP-ID-4G-USB-4D-POP

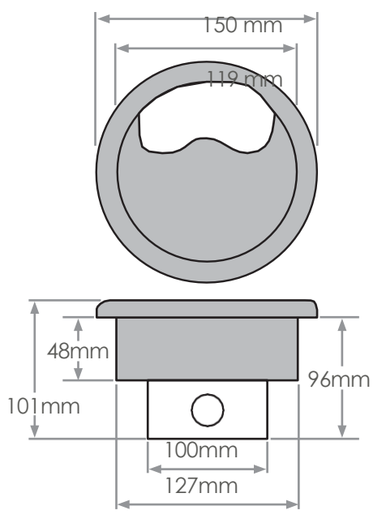
Please contact us for our full range of In Desk modules and accessories

POWER & DATA
GROMMETS

127mm Stainless Steel Power Grommet

- Stainless Steel body with adjustable fixing clamps
- Stainless steel lid section with tapered edge and milled finish
- Adjustable cable entry with lid retaining screws
- 13A UK Socket
- Galvanised steel back box
- Cable entry size: 80x35mm
- Stainless steel unit must be earthed
- Suitable for raised access floors
- Fixing clamps
- Galvanised steel back box
- 20mm knockouts

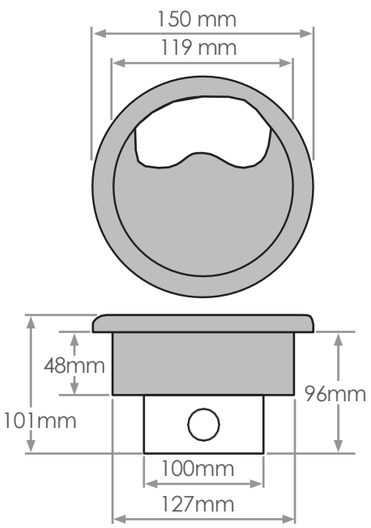
Model:	FP-PG127S
Cutout Diameter:	127mm
Overall Diameter:	150mm
Power:	1 x 13A UK Socket
Data:	None
Colours:	Stainless Steel
Flange Thickness:	5.46mm
Cable Entry:	80mm x 35mm
Min. Required Depth:	96mm



127mm Standard Power Grommet

- Adjustable aperture opening
- Secure Screw clamp installation
- Manufactured from High Grade engineering plastics/ABS
- Halogen Free flame retardant material UL94 VO with guaranteed low toxicity
- Cable opening dimensions: 75mm x 25mm
- Galvanised steel back box
- 20mm knockouts
- 13A UK Socket
- Suitable for raised access floors
- Also available with 5 amp socket Available in Dark Grey or Black

Model:	FP-PG127G / FP-PG127B
Cutout Diameter:	127mm
Overall Diameter:	150mm
Power:	1 x 13A UK Socket
Data:	None
Colours:	Grey / Black
Flange Thickness:	5.46mm
Cable Entry:	75mm x 25mm
Min. Required Depth:	96mm

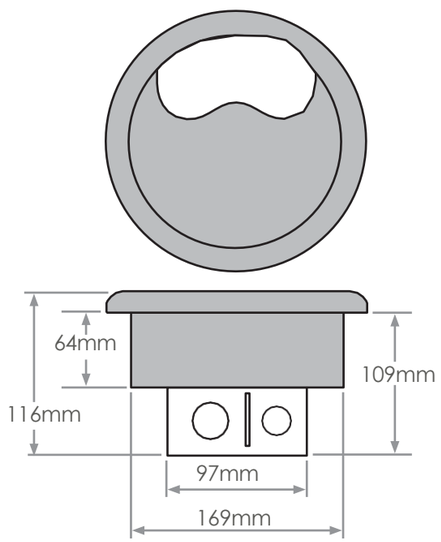


POWER & DATA GROMMETS

169mm Standard Power only Grommet

- Adjustable aperture opening
- Secure Screw clamp installation
- Manufactured from High Grade engineering plastics/ABS
- Halogen Free flame retardant material UL94 VO with guaranteed low toxicity
- New tapered edge flange for improved functionality
- Cable opening dimensions: 84mm x 28mm
- Galvanised steel back box
- 20mm and 25mm knockouts
- 13A Twin switched UK Socket
- Suitable for raised access floors
- Max plug top width 48mm
- Available in Dark Grey or Black

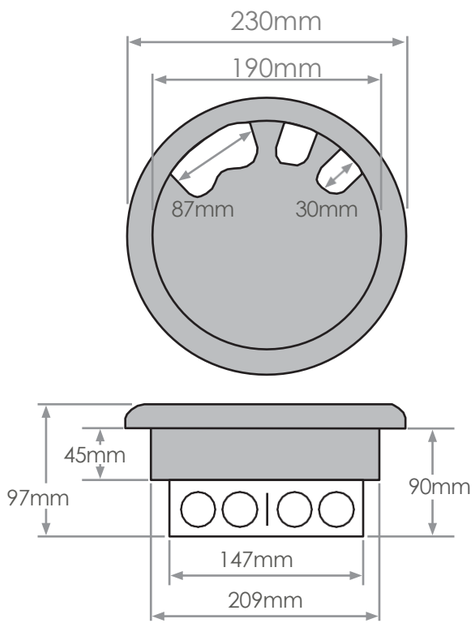
Model:	FP-PG169G / FP-PG169B
Cutout Diameter:	169mm
Overall Diameter:	190mm
Power:	13A Twin Switched UK Socket
Colours:	Grey / Black
Flange Thickness:	6.85mm
Cable Entry:	84mm x 28mm
Min. Required Depth:	109mm
Min. Required Depth:	96mm



209mm Standard Power Grommet with 4 Data Spaces

- Adjustable aperture opening
- Secure Screw clamp installation
- Manufactured from High Grade engineering plastics/ABS
- Halogen Free flame retardant material UL94 VO with guaranteed low toxicity
- New tapered edge flange for improved functionality
- Features multiple cable entries
- Galvanised steel back box
- 20mm and 25mm knockouts
- 13A Twin switched UK Socket
- 4 x LJ6C data space (37x22mm) modules sold separately, click here for options
- Suitable for raised access floors
- Available in Grey and Black

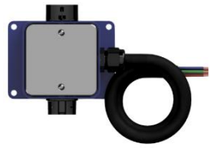
Model:	FP-PG209G / FP-PG209B
Cutout Diameter:	209mm
Overall Diameter:	230mm
Power:	13A Twin Switched UK Socket
Data:	4 x LJ6C Data Space
Colours:	Grey / Black
Cable Entry:	3 x Cable Entries
Min. Required Depth:	90mm



PRE-WIRED POWER & DATA GROMMETS WITH FLEXIPOWER TEE CONDUIT

127MM GROMMET – BLACK OR GREY PLASTIC

FLEXIPOWER
Standard Pre-wired Tee Conduit



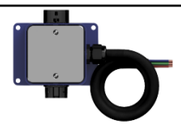
4mm2 - 1.0m

Supplied with 1 x 13a Socket and preconnected to a 1.0m tee. Available in Black or Grey.

FP-PG127G-T / FP-PG127B-T

127MM GROMMET – STAINLESS STEEL

FLEXIPOWER
Standard Pre-wired Tee Conduit



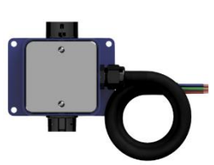
4mm2 - 1.0m

Supplied with 1 x 13a Socket and preconnected to a 1.0m tee.

FP-PG127S-T

169MM GROMMET – BLACK OR GREY PLASTIC

FLEXIPOWER
Standard Pre-wired Tee Conduit



4mm2 - 1.0m

Supplied with 2 x 13a Socket and preconnected to a 1.0m tee. Available in Black or Grey.

FP-PG169G-T / FP-PG169B-T

With RCD Socket

FP-PG169RG-T / FP-PG169RB-T

209MM GROMMET – BLACK OR GREY PLASTIC

FLEXIPOWER
Standard Pre-wired Tee Conduit

4mm2 - 1.0m

Supplied with 2 x 13a Socket, 4 X LJ6C data outlets and preconnected to a 1.0m tee. Available in Black or Grey.

FP-PG209G-T / FP-PG209B-T

With RCD Socket

FP-PG209RG-T / FP-PG209RB-T

Access Grommets & Cable Management

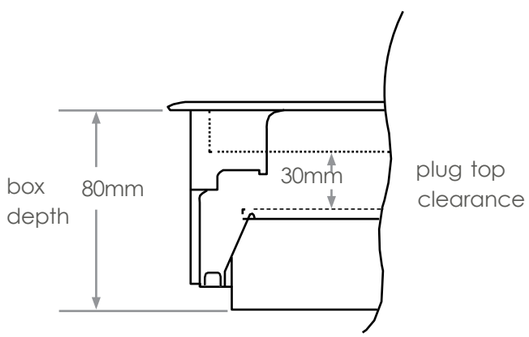
	127mm Access Grommet – Black/Grey	**FP-AG127G** **FP-AG127B**
	169mm Access Grommet – Black/Grey	**FP-AG169G** **FP-AG169B**
	209mm Access Grommet – Black/Grey	**FP-AG209G** **FP-AG209B**
	800mm 2 compartment 15 segments with weighted base - Grey	**DP-CS800G**
	Sit/Stand desk 1300mm 4 compartment 25 segments with weighted base - Grey	**DP-CS1300G**

Additional lead lengths and configurations available upon request

FLOOR BOXES

2 compartment cavity floorbox

- Floor box manufactured from galvanised steel
- 25 & 20mm knockouts to accept flexible conduit
- Frame & lid moulded from high impact polycarbonate (RAL7031)
- Galvanised lid insert for strength
- Easy grip recessed lifting handle
- Compact design 212x 190 floor cut-out
- Clamp fixing for fast installation
- Large range of accessory plate, colour equivalent: RAL7031
- Special plates available to order
- Suitable for carpeted floors only with standard Frame & Lid
- Clean Earth Sockets available
- ABS Plastic Frame & Lid Load Test 550 KG
- Steel Frame & Lid Load Test 740 KG

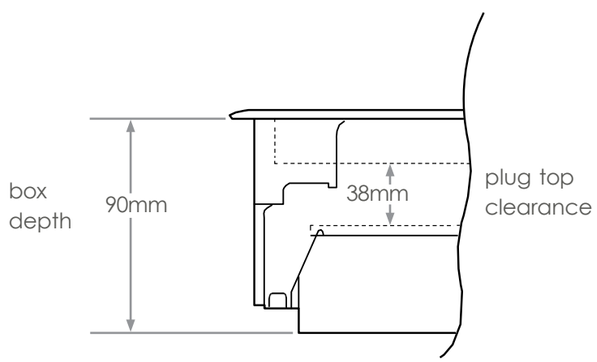


Model:	FP-FB2CC
Floor Cut Out:	212mm x 190mm
Depth:	80mm
Plug Top Clearance:	30mm
Overall Frame & Lid:	223mm x 197mm
Frame Lid Recess:	6mm
Accessory Plates:	185mm x 76mm

3 compartment cavity floorbox

- Floor box manufactured from galvanised steel
- Standard depth 90mm designed to accepts standard accessory plates from electrical wholesalers
- 20mm & 25mm knockouts to accept flexible conduit
- Frame & lid moulded from high impact polycarbonate (RAL7031)
- Galvanised lid insert for strength
- Easy grip recessed lifting handle
- Compact design 303mm x 221mm floor cut-out
- Clamp fixing for fast installation
- Large range of accessory plate, colour equivalent: RAL7035
- Suitable for carpeted floors only with standard Frame & Lid
- Clean Earth Sockets available
- IP Rating: IP20
- Cat6 compatible floor box require wave data plates or angled modules, using Cat6 non booted patch leads will minimise The bend radius of the data cable
- ABS Frame & Lid fire rating UL94 HB Halogen Free
- Fire rating Euro Class E-F Class 4 None Tested
- ABS Plastic Frame & Lid Load Test 550 KG
- Steel Frame & Lid Load Test 740 KG

Model:	FP-FB3C-90
Floor Cut Out:	303mm x 221mm
Floor Box Depth:	90mm
Plug Top Clearance:	38mm
Overall Frame & Lid:	313mm x 230mm
Frame Lid Recess:	6mm
Accessory Plate:	185mm x 89mm



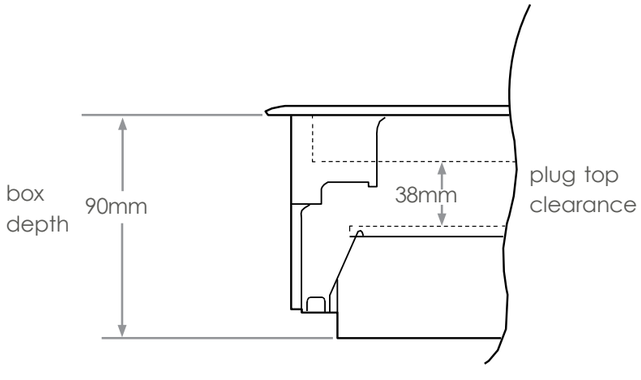
FLOOR BOXES

ENTEK
SOLUTIONS FOR THE BUILT ENVIRONMENT

4 compartment cavity floorbox

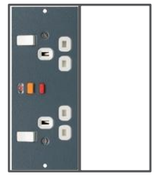
- Floor box manufactured from galvanised steel
- 20mm & 25mm knockouts to accept flexible conduit
- Frame & lid moulded from high impact polycarbonate (RAL7031)
- Galvanised lid insert for strength
- Easy grip recessed lifting handle
- Compact design 303mm x 221mm floor cut-out
- Clamp fixing for fast installation
- Large range of accessory plate, colour equivalent: RAL7035
- Suitable for carpeted floors only with standard Frame & Lid
- Clean Earth Sockets available
- IP Rating: IP20
- Cat6 compatible floor box require wave data plates or angled modules, using Cat6 non booted patch leads will minimise The bend radius of the data cable
- ABS Frame & Lid fire rating UL94 HB Halogen Free
- Fire rating Euro Class E-F Class 4 None Tested
- ABS Plastic Frame & Lid Load Test 550 KG
- Steel Frame & Lid Load Test 740 KG

Model:	FP-FB4C-90
Floor Cut Out:	303mm x 221mm
Floor Box Depth:	90mm
Plug Top Clearance:	38mm
Overall Frame & Lid:	313mm x 230mm
Frame Lid Recess:	6mm
Accessory Plate:	185mm x 68mm



PRE-WIRED FLOOR BOXES WITH FLEXIPOWER TEE CONDUIT

2 compartment

	**FLEXIPOWER** Standard Pre-wired Tee Conduit	Includes 1 x Twin Switched 13a Socket **FP-FB2CCTS-T** 
	 4mm2 - 3.0m	Includes 1 x Twin Switched 13a RCD Socket **FP-FB2CCRCD-T** 

ADDITIONAL PLATES FOR 2 COMPARTMENT BOXES

Blank Plate		**FP-2CC-BLANK**
Data Plate (4 way LJC6)		**FP-2CC-DATA**

Please contact us for our full range of configurations

FLOOR BOXES

3 COMPARTMENT

FLEXIPOWER Standard Pre-wired Tee Conduit

Includes 1 x Twin Switched 13a Socket

FP-FB3C1TS-T

Includes 2 x Twin Switched 13a Sockets

FP-FB3C2TS-T

4mm2 - 3.0m

Includes 1 x Twin Switched 13a RCD Socket

FP-FB3C1RCD-T

Includes 2 x Twin Switched 13a RCD Sockets

FP-FB3C2RCD-T

ADDITIONAL PLATES FOR 3 COMPARTMENT BOXES

Blank Plate		**FP-3C-BLANK**
Data Plate (4 way LJC6)		**FP-3C-DATA**

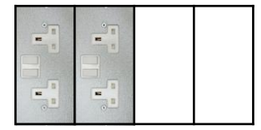
Please contact us for our full range of configurations

4 COMPARTMENT

FLEXIPOWER Standard Pre-wired Tee Conduit

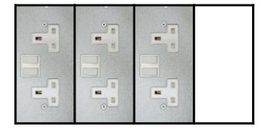
Includes 2 x Twin Switched 13a Sockets

FP-FB4C2TS-T



Includes 3 x Twin Switched 13a Sockets

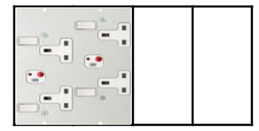
FP-FB4C3TS-T



4mm2 - 3.0m

Includes 2 x Twin Switched 13a RCD Sockets

FP-FB4C2RCD-T



ADDITIONAL PLATES FOR 4 COMPARTMENT BOXES

Blank Plate		**FP-4C-BLANK**
Data Plate (4 way LJC6)		**FP-4C-DATA**

Please contact us for our full range of configurations

FLEXIPOWER

High Level Services Solution

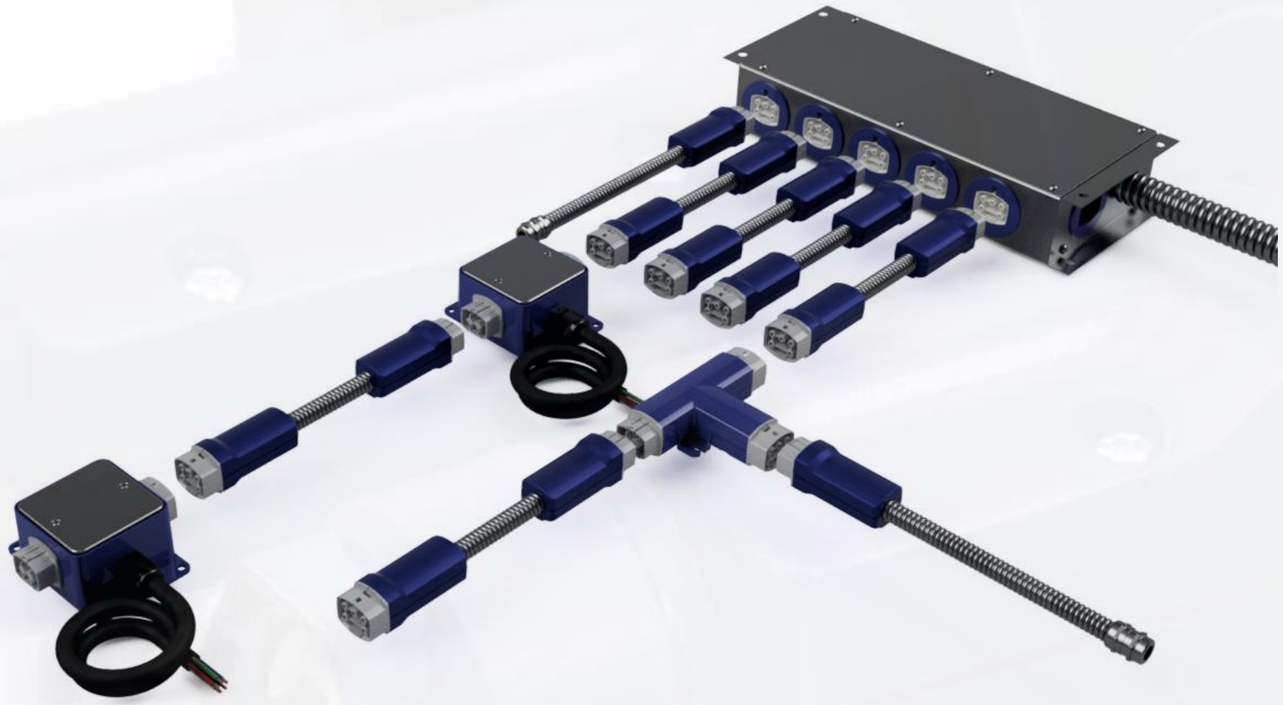
ENTEK
SOLUTIONS FOR THE BUILT ENVIRONMENT

HIGH LEVEL SYSTEM
OVERVIEW

The MDB utilises a single home-run approach, delivering multiple circuits directly from the distribution board to LCM's, luminaires and fan coil units, as required. By housing six or nine circuits within one conduit rather than relying on numerous separate cable runs, installation time is significantly reduced. One route. One connection point.

Home-run cables are constructed using 4.0 mm² LSOH single cores installed within flexible metal conduit and supplied complete with gland and locknut. Each circuit is clearly labelled for ease of identification. Home-run circuits are available in 3, 4, or 5-core configurations, with an optional dedicated 1.5 mm² DALI pair where required. Assemblies are available in 6-way or 9-way variants..

The required length of the home-run cable is defined by the agreed location on site.



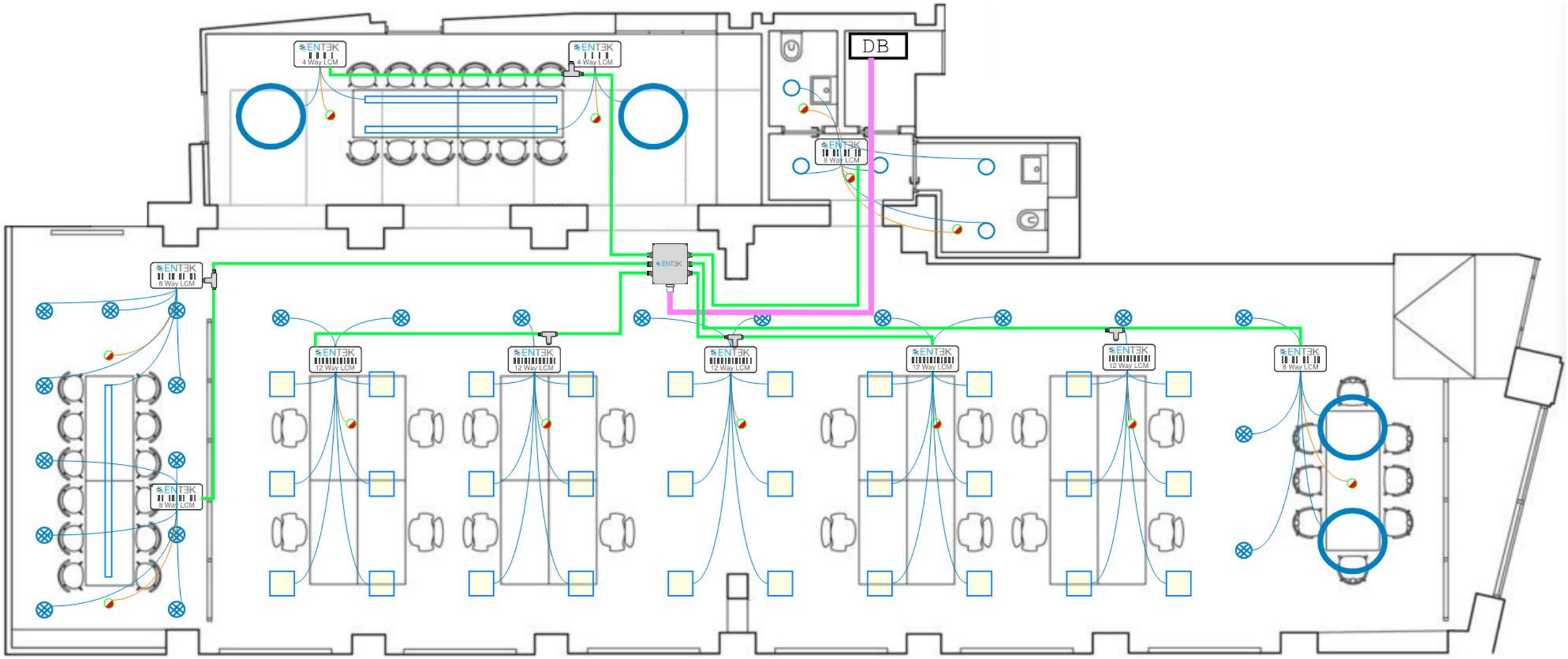
This cable can be supplied in a pluggable format, allowing for a direct pluggable connection into the local distribution board to further reduce onsite installation time and material waste. The installation of the socket in the distribution board for the MDB can be undertaken by the appointed panel builder.

Tee connectors provide a simple way to link devices into the circuit. They plug directly onto, or between, extender cables and can be used to supply LCM's, luminaires and fan coil units.

Extender cables Extenders carry individual circuits from the MDB directly to the required areas. They perform the role of traditional cables, while offering plug-and-play functionality that reduces preparation time and speeds up installation.

Extender cables are available in 4.0 mm2 and 2.5mm2 armoured or unarmoured variants, complete with pre-wired **male and female** connectors or **male to open whip end** variants. They are ideal for distributing high level power, whether supplying LCM's, luminaires or fused spurs for fan coil units.

HIGH LEVEL SERVICES SOLUTION –
MODULAR WIRING & LIGHTING CONTROL MODULES



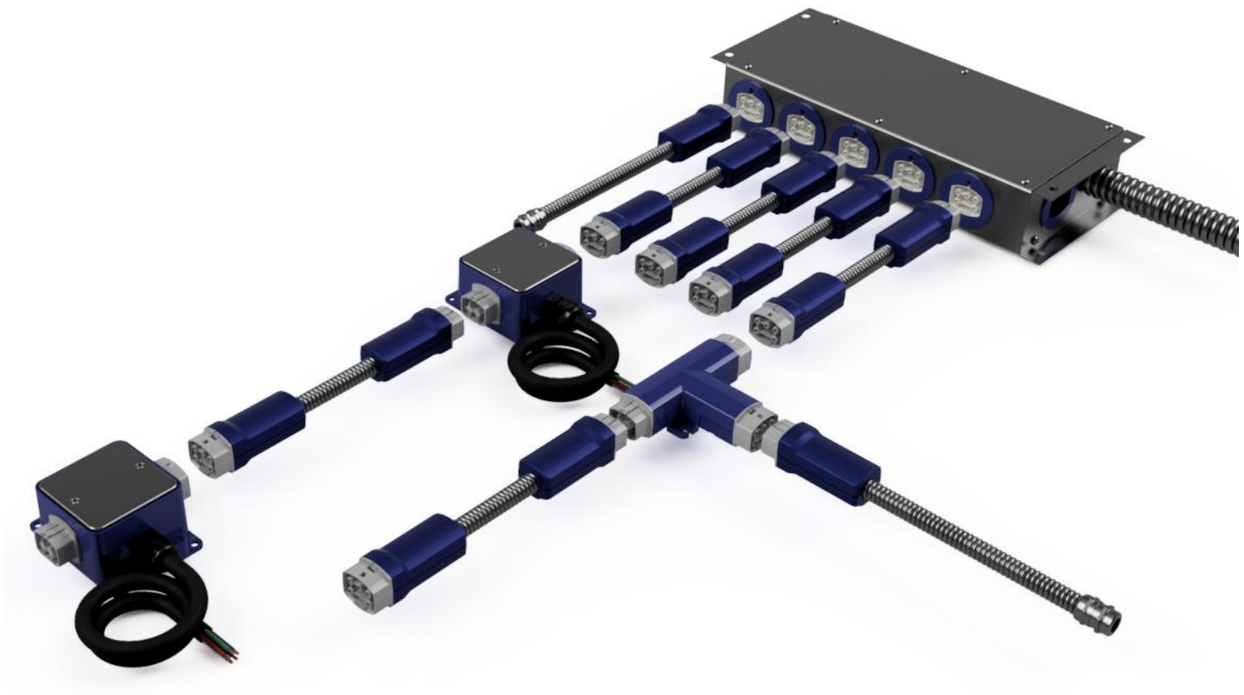
The FLEXIPOWER high level services solution enables truly agile installations by replacing rigid, traditional infrastructure with a flexible modular system.

Multiple lighting circuits can be fed from the local DB to a centrally located MDB where prefabricated and factory tested cables can be used to distribute the circuits to LCM's or luminaires located across the floor, reducing cabling, labour, materials, and carbon impact.

In fact, if the DB is supplied with a connection plug directly to the home run cable and the lighting manufacturer prewires the luminaires with LCM leads all onsite connections become completely plug and play.

Product	Description
	MDB 6 Circuit (18 Core) 4 sq Home Run Cable
	2.5 sq 3 Core Male-Female Connector Leads
	Lighting Distribution Tee
4 Way LCM / 8 Way LCM / 12 Way LCM	4, 8 & 12 way LCM's
	Standard and Emergency Luminaire Leads

PRODUCT INFORMATION



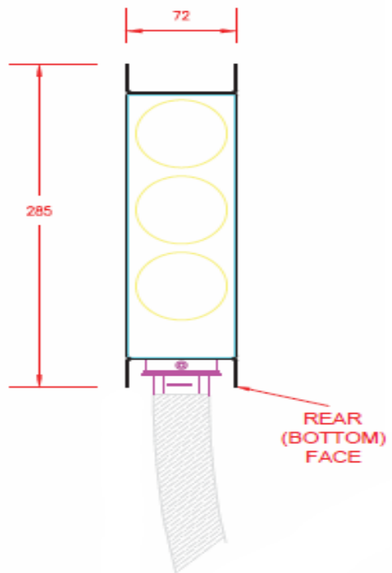
DISTRIBUTION BOXES

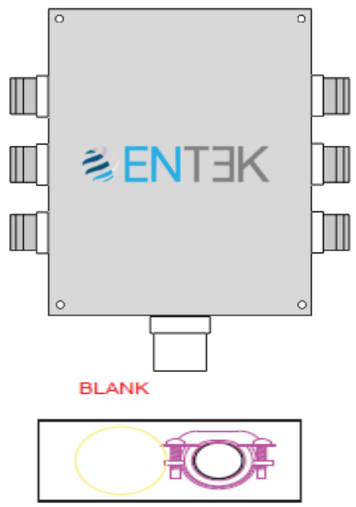
MDB 6-WAY

Six-circuit, six-port outlet boxes are supplied as part of the system. Each home-run cable is provided complete with a gland and locknut, allowing it to be securely fixed into the distribution board header trunking or, where required, supplied in a format that enables direct plug-in connection to the distribution board.

The overall length of each home run is determined by its location within the building and the specific layout of the installation.

NUMBER OF CORES	18 (3C) /19 (4C) /18 + DALI (5C)
CABLE DIAMETER	4.0mm2 L, N, E,PL 1.5mm2 DALI Pair
RATED CURRENT (A)	25 A
RATED IMPULSE VOLTAGE	4 kV
POWER OUTPUTS	3/4/5 Core Option (6 circuits)
RATED VOLTAGE	250/400 V
FREQUENCY (HZ)	50 Hz
MECHANICAL CODING	Grey
LOCKABLE	Self Locking
IP RATING	IP20
CONNECTOR STANDARD	BS EN 61535:2019
QMS:	ISO9001:2015
WIRING AND TEST STANDARD	BS EN 60228:2005 BS EN 50525-3-41:2011 BS 8488:2009+A1:2010



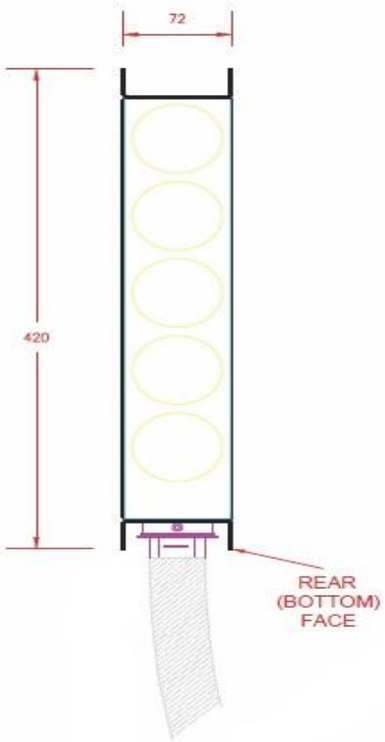


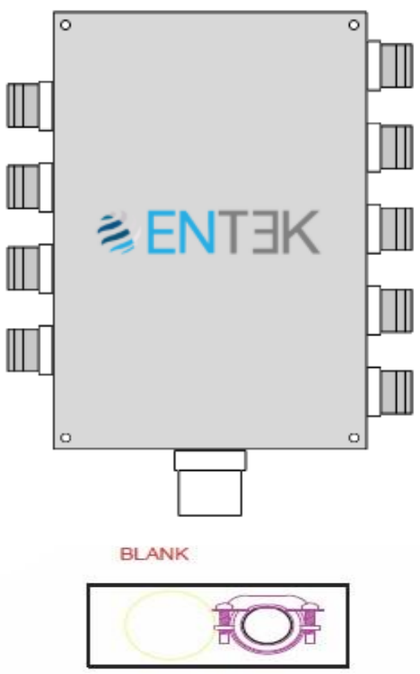
MDB 9-WAY

Nine-circuit, nine-port MDB outlet boxes are also available within the system. Each home-run cable is supplied complete with a gland and locknut for secure fixing into the distribution board header trunking or alternatively can be provided in a pluggable configuration for direct connection to the distribution board.

Home-run cable lengths are defined by their position within the building and the requirements of the individual installation.

NUMBER OF CORES	18 (3C) /19 (4C) /18 + DALI (5C)
CABLE DIAMETER	4.0mm2 L, N, E,PL 1.5mm2 DALI Pair
RATED CURRENT (A)	25 A
RATED IMPULSE VOLTAGE	2.5 kV
POWER OUTPUTS	3/4/5 Core Option (9 circuits)
RATED VOLTAGE	250/400 V
FREQUENCY (HZ)	50 Hz
MECHANICAL CODING	Grey
LOCKABLE	Self Locking
IP RATING	IP20
CONNECTOR STANDARD	BS EN 61535:2019
QMS:	ISO9001:2015
WIRING AND TEST STANDARD	BS EN 60228:2005 BS EN 50525-3-41:2011 BS 8488:2009+A1:2010



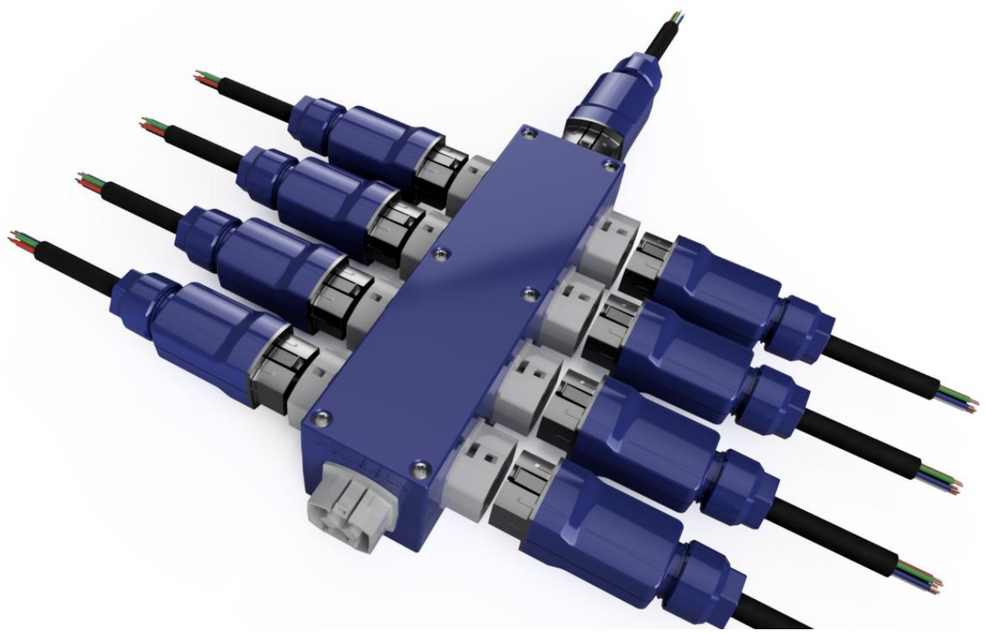


1 IN 9 MARSHALLING BOX

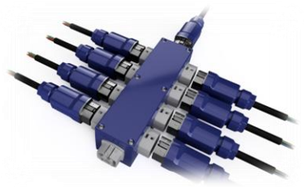
A single-circuit lighting marshalling unit with one incoming supply and nine outgoing connections. Designed to support the distribution of a single lighting circuit within an area.

The marshalling box can be used to bring lighting power and comms cabling directly to in field LCM's or directly to luminaires, delivering structured distribution while maintaining compliance and layout flexibility.

NUMBER OF POLES	3/4/5 Pole Options
CABLE DIAMETER	2.5mm²
INPUTS	1
OUTPUTS	9
RATED CURRENT (A)	25 A
RATED IMPULSE VOLTAGE	2.5 kV
OUTPUTS	3/4/5 Core
RATED VOLTAGE	250/400 V
FREQUENCY (HZ)	50 Hz
MECHANICAL CODING	Grey
LOCKABLE	Self Locking
IP RATING	IP20
CONNECTOR STANDARD	BS EN 61535:2019
QMS:	ISO9001:2015
WIRING AND TEST STANDARD	BS EN 60228:2005 BS EN 50525-3-41:2011 BS 8488:2009+A1:2010



DISTRIBUTION BOXES & HOMERUNS

STANDARD CIRCUIT DISTRIBUTION BOXES		
MDB 6 Circuit (3, 4 or 5 Core)	**32mm Conduit – 4mm2**	10m Home Run
		20m Home Run
		30m Home Run
		40m Home Run
		50m Home Run
MDB 9 Circuit (3, 4 or 5 Core)	**32mm Conduit – 4mm2**	10m Home Run
		20m Home Run
		30m Home Run
		40m Home Run
		50m Home Run
Marshalling Box - 1 in 9 Out (3, 4 or 5 Core)		Includes 1 In 9 out single 2.5mm2 circuit box

Additional lead lengths and configurations available upon request

DISTRIBUTION LEADS & ACCESSORIES

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MODULAR WIRING CONNECTING CABLES		
	**Male – Female Armoured** 4mm2 LSOH (3, 4 or 5 Core)	2m
		5m
		8m
		10m
		12m
		15m
		20m
	**Male – Open Armoured** 4mm2 or 2.5mm2 to 1.5mm2 LSOH (3, 4 or 5 Core)	5m
		10m
		15m
	**Male – Open Unarmoured** 4mm2 or 2.5mm2 to 1.5mm2 LSOH (3, 4 or 5 Core)	5m
		10m
		15m
	**Female - Open Armoured** 4mm2 LSOH (3, 4 or 5 Core)	10m
		20m
		30m

Additional lead lengths and configurations available upon request

DISTRIBUTION LEADS & ACCESSORIES

MODULAR WIRING – T CONNECTIONS		
 **Tee connector open**	**Open tee** 4mm2 to 2.5mm2 LSOH Cable Whip – (3, 4 or 5 Core)	0.5m 3.0m
 **Tee connector open c/w Fused Spur**	**Fused Spur Tee** **Female – Male** 4mm2 to 1.5mm2 LSOH Cable Whip – 3 Pole	1.5m
 **Tee connector**	**Distribution Tee** **Female – Male** 2.5 mm2 LSOH (3, 4 or 5 Core)	

Additional lead lengths and configurations available upon request

All information contained in this product guide is provided for general guidance only and is subject to change without prior notice. While every effort has been made to ensure accuracy at the time of publication, the company accepts no liability for errors, omissions, or changes in specification.

LIGHTING CONTROLS

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To complement the FLEXIPOWER range, Entek provides an extensive suite of lighting control and emergency lighting solutions designed to meet the rigours of even the most complex projects.

Whether you're looking for standalone PIR or microwave sensors or a fully networked DALI system, utilising the latest in wired or wireless technology, we can provide a solution tailored to your exact needs.

When paired with our FLEXIPOWER modular wiring, our control systems significantly simplify and speed up the installation process. This "plug and play" approach ensures you save time on-site without ever having to compromise on quality, functionality, or control.

Our Comprehensive Turnkey Service

We take pride in supporting our clients from initial design through to long-term operation:

- **Design:** Tailored solutions engineered for performance.
- **Supply:** High-quality components delivered when you need them.
- **Commissioning:** Ensuring your system is commissioned correctly.
- **Demonstrations & Handover:** Clear guidance for building users.
- **Ongoing Maintenance & Support:** Dedicated aftercare support to keep your systems running flawlessly.

Ready to streamline your next installation with Entek's integrated solutions?

Contact our team today to discuss your requirements and discover how we can add value to your project.

INSTALLATION GUIDANCE

MDB/HOME RUN

- Position each MDB exactly where shown on the drawings provided.
- Roll out the home-run cable from the MDB back towards the distribution board, keeping it tidy as you go
- Check that the MDB and home run are correctly positioned and that there is enough conduit and cable length to terminate or plug neatly into the distribution board or header trunking
- For underfloor applications lay the home-run cable in straight runs under the raised floor, following the lifted tiles from the distribution board to the MDB
- For above ceiling applications, the home-run cable can be installed within a suspended cable management system or fixed directly to the ceiling slab.
- Secure the cable at maximum 1.2 m centres using steel P-clips or steel all-round band
- Keep all runs straight and orderly. Any extra cable should be coiled neatly near the MDB and cable-tied to allow for future adjustment
- Fix the MDB to the slab using suitable plugs and screws through the mounting tabs provided. The MDB can also be mounted to the suspended cable management system.

CONNECTIONS

- All connections in the system use the same simple male-to-female plug-and-play fittings
- The connectors are keyed, so they will only connect in the correct orientation
- Line up the male and female ends and push them together
- Push until you hear or feel a click to confirm the connection is fully engaged

EXTENDERS AND TEES

- Route extender cables as shown on the drawings provided
- Install all conduits in straight, tidy lines, the same way as the home-run cables
- Where a single extender is used, for underfloor applications it can be cable-tied to raised floor pedestal posts to keep the run straight and neat.
- For above ceiling applications extender cables and tees can be installed within a suspended cable management system or fixed directly to the ceiling slab.
- Where multiple extenders follow the same route, band them together using steel all-round band
- Fix grouped runs at approximately 1.2 m centres, keeping them aligned in straight, orderly rows

GENERAL SERVICES
LOW-LEVEL SPECIFICATION

For this application, a prefabricated wiring system shall be used to distribute both small power and power circuits. The system shall be modular in design and provide a high level of flexibility, with all sub-circuit distribution fully prefabricated off-site. It shall deliver a complete electrical installation from the relevant distribution board through to the final point of each circuit.

All connectors used within the prefabricated wiring system shall be manufactured and tested in accordance with BS EN 61535, covering installation couplers intended for permanent connection. Any unused connectors shall incorporate fully shrouded live pins to maintain safety. Disconnection of the connector system shall only be possible using a dedicated specialist tool.

The system shall utilise 6491B LSOH cables to BS 7211, enclosed within flexible metal conduit. Connectors shall be rated at 32 A for radial power circuits. Cable terminations within the connectors shall be of a screwless type, providing a maintenance-free solution for the life of the installation.

In accordance with I.S. 10101:2020 and EU CPR requirements, all permanent building cables shall achieve a minimum reaction-to-fire classification of Dca-s2, d2, a2.

GENERAL SERVICES SYSTEM COMPONENTS

The principal components of the prefabricated wiring system shall be as follows:

- **Home Run Conduit & Cables**
- **Main Distribution Box (MDB)**
- **Extender Cables**
- **T Connectors**
- **Floor Boxes & Grommets (Where Applicable)**
- **Powerfeed PDU's**
- **Secondary Distribution Box (SDB) (Where Applicable)**
- **Under & On Desk Power Distribution**

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HOME RUN

- Home-run assemblies manufactured using 6.0 mm² 6491B LSOH single-core conductors enclosed within flexible metal conduit
- Cable lengths determined by their position within the building layout
- Available in a pluggable configuration for direct connection to the distribution board
- Supplied in standard pre-measured lengths starting from 10m
- Delivered pre-wired to the MDB
- All circuits factory tested prior to delivery to site

EXTENDER CABLE

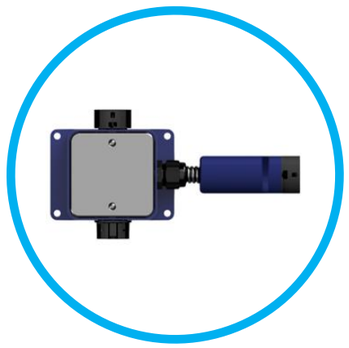
- Extender cable assemblies manufactured using 6.0 mm² 6491B LSOH single-core conductors
- Enclosed within a 16 mm diameter flexible metal conduit
- Supplied pre-fitted with both male and female connectors
- Available in standard lengths from 1m up to 20m
- Every extender cable is factory tested prior to dispatch to site

MAIN DISTRIBUTION BOX (MDB)

- MDBs constructed from a robust galvanised steel enclosure with a removable lid and integral earthing provision
- Output ports arranged around the perimeter of the MDB for ease of connection and flexibility
- Number of outputs defined by project requirements, with standard configurations of six or nine ports and circuits
- Supplied pre-wired to the associated home-run assembly
- Every circuit factory tested prior to delivery to site

T CONNECTOR

- Spur from the Tee connector available with either a female outlet or an open-ended termination
- Tee connector assemblies supplied in standard lengths of 0.5 m or 3.0 m
- Manufactured using 6.0 mm² 6491B LSOH single-core conductors housed within flexible metal conduit
- Open-ended spur whips may utilise 4.0 mm² 6491B LSOH single-core conductors for ease of termination to outlets.
- Spur connections suitable for termination into wall outlets, floor boxes, power grommets and similar accessories



LIGHTING SERVICES
HIGH-LEVEL SPECIFICATION

For this application, a prefabricated wiring system shall be used to distribute lighting circuits. The system shall be modular in design and provide a high level of flexibility, with all sub-circuit distribution fully prefabricated off-site. It shall deliver a complete electrical installation from the relevant distribution board through to the final point of each lighting circuit.

All connectors used within the prefabricated wiring system shall be manufactured and tested in accordance with BS EN 61535, covering installation couplers intended for permanent connection. Any unused connectors shall incorporate fully shrouded live pins to maintain safety. Disconnection of the connector system shall only be possible using a specialist tool.

The system shall utilise 6491B LSOH cables to BS 7211, enclosed within flexible metal conduit. Connectors shall be rated at 25 A for radial power circuits.

In accordance with I.S. 10101:2020 and EU CPR requirements, all permanent building cables shall achieve a minimum reaction-to-fire classification of Dca-s2, d2, a2.

HIGH LEVEL SYSTEM COMPONENTS

The principal components of the prefabricated wiring system shall be as follows:

- **Home Run Conduit & Cables**
- **Main Distribution Box (MDB)**
- **Extender Cables**
- **T Connectors**
- **Marshalling Box (Where Applicable)**
- **Lighting Control Modules (LCM's) (Where Applicable)**
- **Fused Spurs for Fan Coil Units (Where Applicable)**

HOME RUN

- Home-run assemblies manufactured using 4.0 mm² 6491B LSOH single-core conductors enclosed within flexible metal conduit
- Cable lengths determined by their position within the building layout
- Available in a pluggable configuration for direct connection to the distribution board
- Supplied in standard pre-measured lengths starting from 10m
- Delivered pre-wired to the MDB
- All circuits factory tested prior to delivery to site

EXTENDER CABLE

- Extender cable assemblies to be manufactured using 4.0 mm2 armoured or unarmoured cables as required.
- Where armoured extender cables are required, they shall be enclosed within a 16 mm diameter flexible conduit
- Supplied pre-fitted with both male and female connectors
- Available in standard lengths from 1m up to 20m
- Every extender cable shall be factory tested prior to dispatch to site

MAIN DISTRIBUTION BOX (MDB)

- MDBs constructed from a robust galvanised steel enclosure with a removable lid and integral earthing provision
- Output ports arranged around the perimeter of the MDB for ease of connection and flexibility
- Number of outputs defined by project requirements, with standard configurations of six or nine ports and circuits
- Supplied pre-wired to the associated home-run assembly
- Every circuit factory tested prior to delivery to site

T CONNECTOR

- Spur from the Tee connector available with either a female outlet or an open-ended termination
- Tee connector assemblies supplied in standard lengths of 0.5m or 3.0m
- Manufactured using 4.0 mm² 6491B LSOH single-core conductors housed within flexible metal conduit
- Open-ended spur options may utilise 2.5 mm² 6491B LSOH single-core conductors or 1.5mm² with a fused spur.
- Spur connections are suitable for termination into LCM's, luminaires and fan coil units

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