

FLOOR AND PERIMETER SYSTEMS

PRODUCT TECHNICAL GUIDE



THE **GLOBAL SPECIALIST**
IN ELECTRICAL AND DIGITAL BUILDING INFRASTRUCTURES



Global strength

built on local knowledge

Legrand is the global specialist in electrical and digital building infrastructures. Innovation is the driving force behind its development. With an increasing investment in research and development (circa 5% of sales) and more than 4,000 active patents, the Legrand Group is focused on maintaining a high rate of new product launches that present innovative solutions to the market.

COMPLETE CABLE MANAGEMENT SOLUTIONS

Using its global strength and market leading position, Legrand has developed a complete range of cable management solutions, including:

- Swifts cable ladder
- Swifts cable tray
- Salamandre distribution trunking
- Salamandre lighting trunking
- Cablofil steel wire cable tray
- Floor systems - including powertrack, underfloor trunking, floor boxes, grommets and the Soluflex cavity floor system



INTRODUCTION

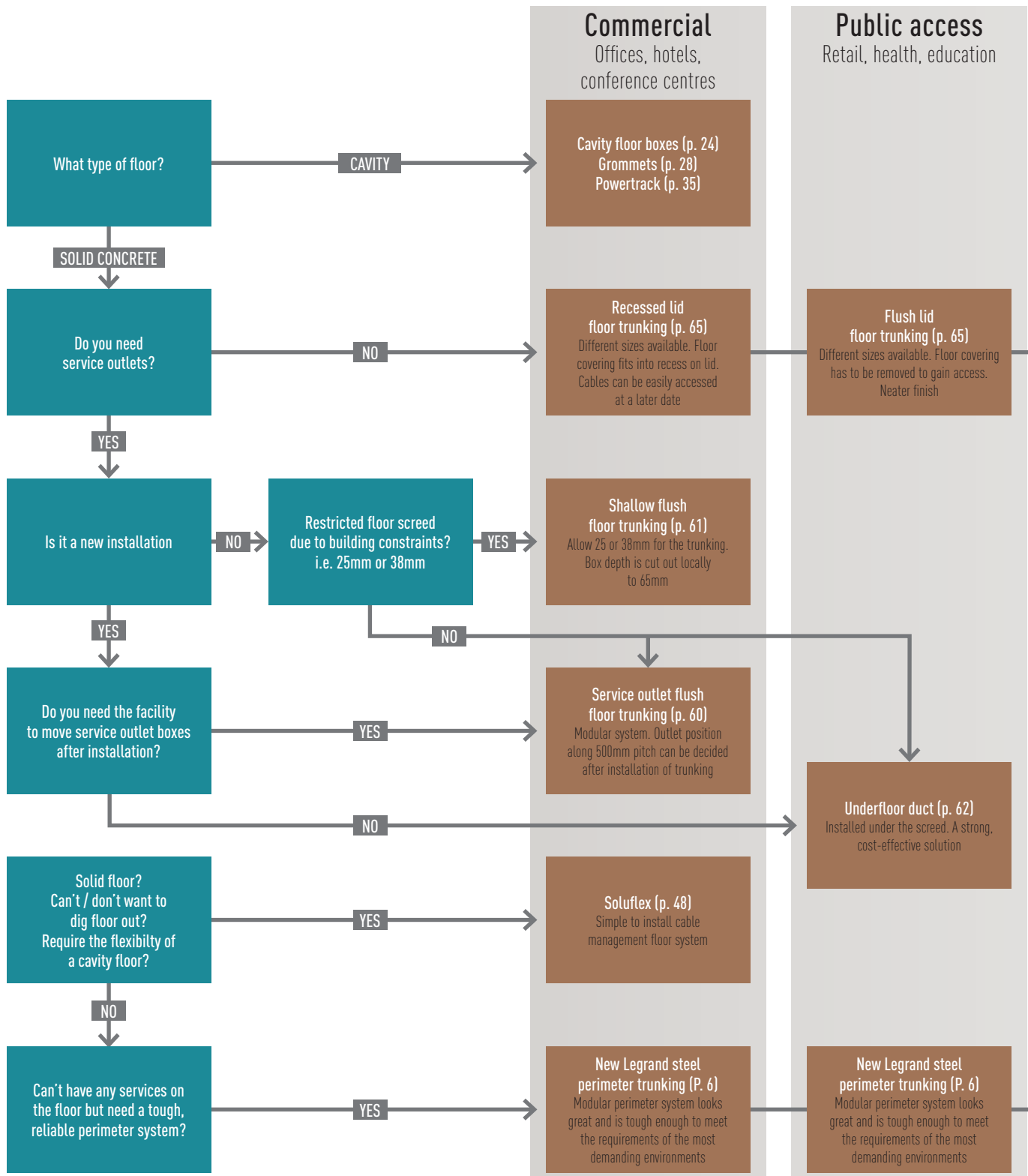
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3 simple steps... to choose the right solution



Whatever the scenario, Legrand has the ideal solution to provide power and data to the workstation.

The flowchart below guides you to the most suitable system for your project. If traditional floor systems are struggling to meet your requirements, Soluflex provides the simple answer to a myriad of challenges.

Industrial

Warehousing,
heavy duty infrastructure

Chequer plate floor trunking (p. 66)

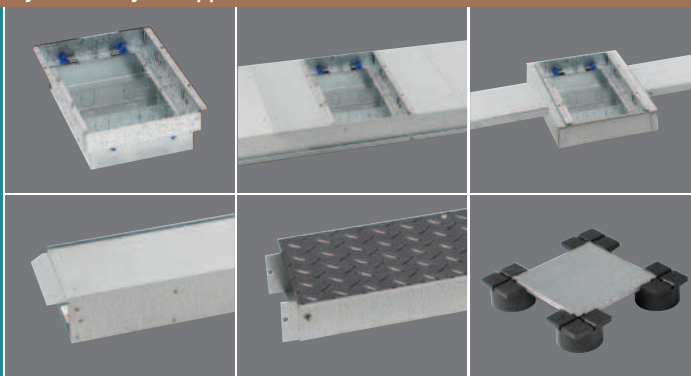
Different sizes available, suitable for
heavy industrial type areas

New Legrand steel perimeter trunking (P. 6)

Modular perimeter system looks
great and is tough enough to meet
the requirements of the most
demanding environments

Choose the correct system for your application

1



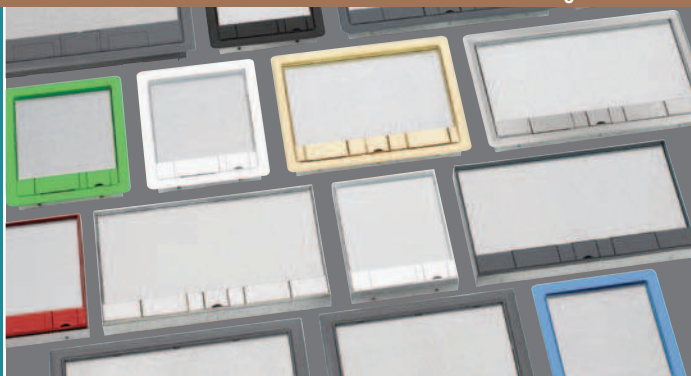
Select the power and data plates you require

2



Choose the most suitable lid and trim for the floor finish and surroundings

3



NEW STEEL PERIMETER TRUNKING

Legrand's new steel perimeter trunking system provides the end user with a safe and stylish solution and the installer with an easy and quick to fit system. Being steel, the trunking is tough enough for high traffic environments such as schools, hospitals and laboratories.

**NEW steel perimeter trunking from Legrand...
flexible, fast fit and safe**

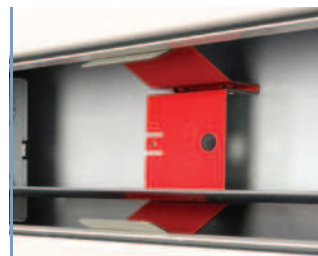
- Available in heights of 110, 130 and 170mm, including a 170mm skirting option with offset opening
- Screwless - no visible screws when installed
- Earthing cams earth the system during assembly
- Up to 4 compartments can be easily configured on site
- Powder coating is low smoke zero halogen

simple, reliable
power and data
distribution

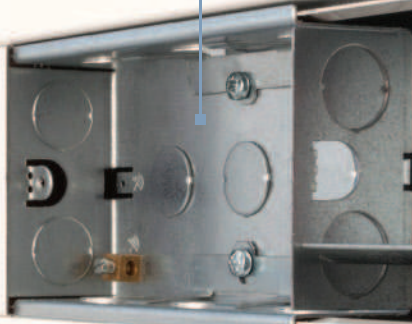




Steel back boxes are compatible with British Standard wiring accessories and improve EMC (electromagnetic compatibility)



The universal snapper clip allows compartments to be configured on site and the steel divider improves EMC



A range of wiring accessories can be added to the trunking, including Legrand's Synergy and Arteor ranges



The rolled edge on the trunking opening and divider reduces the risk of injury or damage to cables when installing the trunking

steel perimeter trunking selection chart

110 x 63 mm / 130 x 63 mm / 170 x 63 mm / 170A x 63 mm

Type	Trunking body		Lid	Accessory spacer lid	Couplers ² (Supplied in pairs)
	Length 3 m Pack quantity: 2 lengths ¹		Length 1-5 m	Length 100 mm	
110 x 63 mm 	MP351243		MP351230	MP351220	MP351523
130 x 63 mm 	MP351245		MP351230	MP351220	MP351525
170 x 63 mm 	MP351236 ¹		MP351230	MP351220	MP351526
170A x 63 mm 	MP351247		MP351230	MP351220	MP351527

Type	Flat bend body rising	Flat bend body descending	Tee body	Tee body rising	Tee body descending	Tee cover strap
110 x 63 mm 	-	-	MP351393	-	-	MP351563
130 x 63 mm 	-	-	MP351395	-	-	MP351565
170 x 63 mm 	-	-	MP351396	-	-	MP351566
170A x 63 mm 	MP351337	MP351367	-	MP351397	MP351427	MP351567 ³ MP351597 ⁴

Type	Riser trunking lid	Earthing wire	Universal snapper clip ²	Divider ²	Base divider ²	Base divider fixing bracket ²	
				1 m	2 m		
				Regular power and data separation		Additional partition for the base	
110 x 63 mm 	MP351439	MP351499	MP351319	MP351189	-	-	
130 x 63 mm 	MP351439	MP351499	MP351319	MP351189	MP351279	MP351299	
170 x 63 mm 	MP351439	MP351499	MP351319	MP351189	MP351289	MP351309	
170A x 63 mm 	MP351439	MP351499	MP351319	MP351189	MP351289	MP351309	

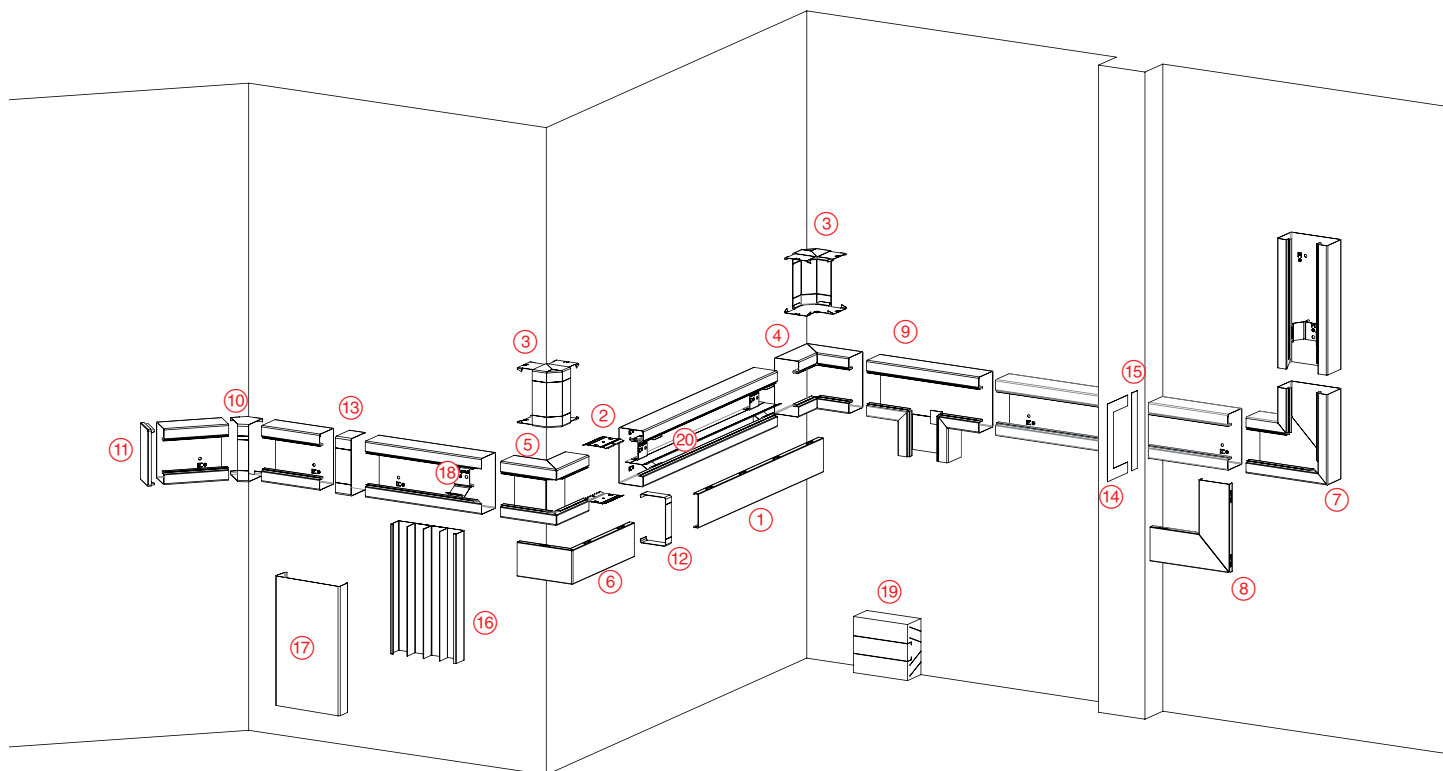
1 : All trunking body lengths supplied in packs of 2 x 3 m lengths except Cat. No. MP351236 which is supplied singly 2 : Internal components supplied unpainted
3 : Rising to 170 mm wide trunking

Universal internal/external bend lid 90° +/- 5°	Internal bend cover straps 135°- 180°	Internal bend body	External bend body	External bend lid	Flat bend body	Flat bend lid
MP351173	MP351203	MP351273	MP351303	MP351240	MP351333	MP351260
MP351175	MP351205	MP351275	MP351305	MP351240	MP351335	MP351260
MP351176	MP351206	MP351276	MP351306	MP351240	MP351336	MP351260
MP351177	MP351207	MP351277	MP351307	MP351240	-	MP351260
End cap	Cover strap	Tolerance cover strap	Wall flange plate	Wall flange closing plate	Support flange	Riser trunking body ² (170 x 38 mm)
MP351043	MP351103	MP351073	MP351483	MP351513	MP351453	MP351409
MP351045	MP351105	MP351075	MP351485	MP351515	MP351455	MP351409
MP351046	MP351106	MP351076	MP351486	MP351516	MP351456	MP351409
MP351046	MP351107	MP351077	MP351486	MP351516	MP351456	MP351409
Internal lid support ²	Internal bend lid	End support bracket ²	Tee support bracket ²	Acoustic insulation block	Cutting support block	Touch-up paint
IP 40 / IK 07						
MP351469	MP351250	MP351449	MP351459	MP351389	MP351533	MP351029
MP351469	MP351250	MP351449	MP351459	MP351389	MP351535	MP351029
MP351469	MP351250	MP351449	MP351459	MP351399	MP351536	MP351029
MP351469	MP351250	MP351449	MP351459	MP351399	MP351536	MP351029

4 : Rising to 130 mm wide trunking

steel perimeter trunking system – 110 x 63 mm

for dado applications



Selection charts **p. 6-7**
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 Powder coated to RAL 9010
 Trunking can be configured with 2 or 3 compartments with the option of a base divider giving the potential of 4 compartments
 Push-fit covers are designed to give excellent earth continuity without extra components

Pack	Cat. Nos.	Trunking body		Pack	Cat. Nos.	Fittings (continued)	
2	MP351243	Length – 3 m		1	MP351273	Internal bend body ④ Requires 2 pairs of couplers Cat. No. MP351523 (opposite)	
1	MP351230	Lid ① Length – 1.5 m		1	MP351303	External bend body ⑤ Requires 2 pairs of couplers Cat. No. MP351523 (opposite)	
1	MP351220	Length – 100 mm For use as a spacer in between wiring accessories		1	MP351240	External bend lid ⑥	
10	MP351523	Fittings Couplers ② Supplied in pairs Zinc plated		1	MP351333	Flat bend body ⑦ Requires 2 pairs of couplers Cat. No. MP351523 (opposite)	
1	MP351173	Universal internal/external bend lid 90° +/- 5° ③ Complete with integral coupler		2	MP351260	Flat bend lid ⑧	
1	MP351203	Internal bend cover straps 135°- 180° ⑩ Complete with adjustable coupler		1	MP351393	Tee body ⑨ Requires 3 pairs of couplers Cat. No. MP351523 (opposite)	
				1	MP351563	Tee cover strap Rising to 110 mm trunking	

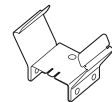



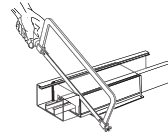
1: Internal components supplied unpainted

steel perimeter trunking system – 110 x 63 mm

for dado applications (continued)



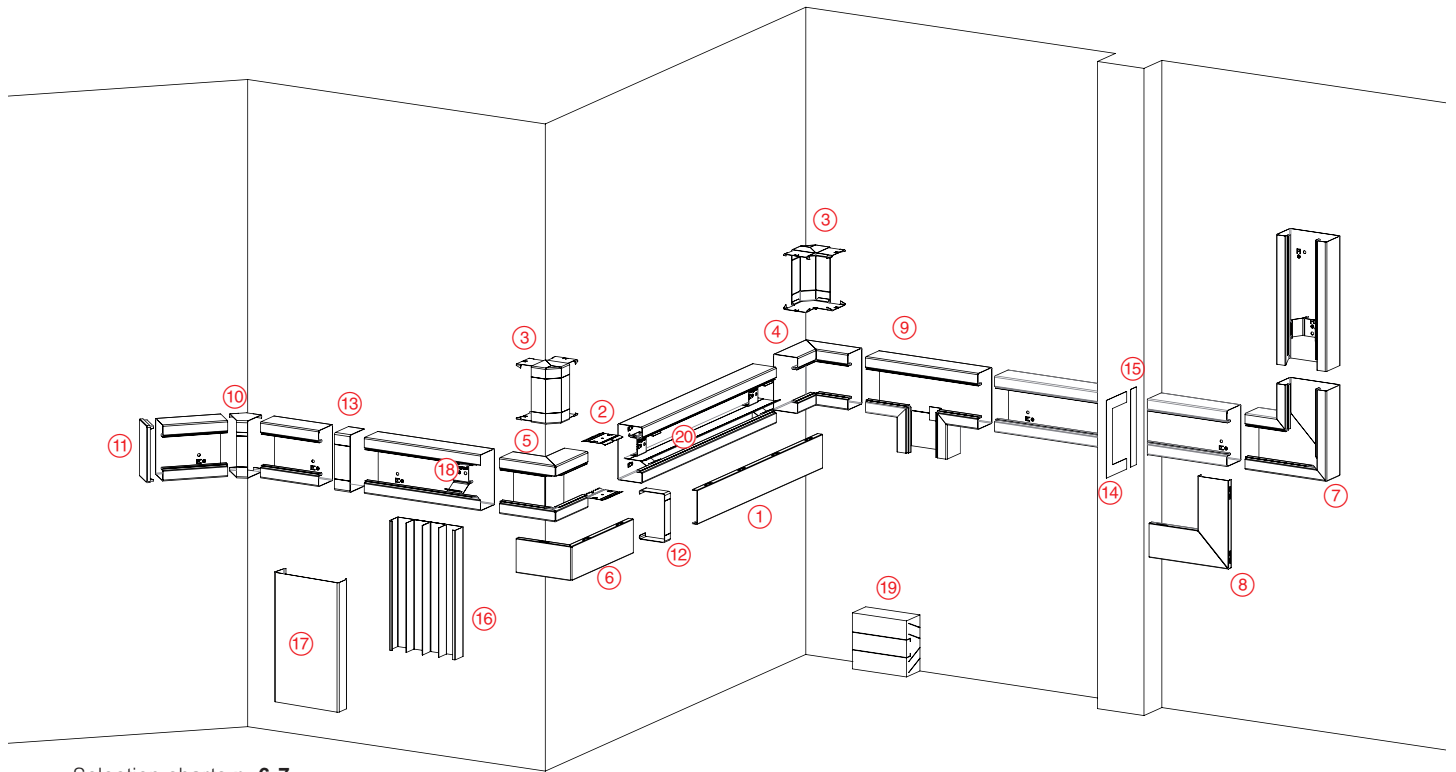
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Pack	Cat. Nos.	Fittings (continued)	Pack	Cat. Nos.	Regular power and data separation
1	MP351043	End cap ⁽¹¹⁾	20	MP351319	Universal snapper clip ¹ ⁽¹⁸⁾ Multifunction clip for fitting of divider, separation of cables (50 mm) and additional support of lid 
10	MP351103	Cover strap ⁽¹²⁾ Width – 25 mm	10	MP351189	Divider ¹ ⁽²⁰⁾ Requires universal snapper clip Cat. No. MP351319 Length – 1 m 
8	MP351073	Tolerance cover strap ⁽¹³⁾ Width – 40 mm	1	MP351469	Additional products IP 40 / IK 07 Internal lid support ¹ Fits inside lid joints to achieve IP 40 
1	MP351483	Wall flange plate ⁽¹⁴⁾	1	MP351250	Internal bend lid To achieve IP 40 on internal bends 
1	MP351513	Wall flange closing plate ⁽¹⁵⁾	5	MP351449	End support bracket ¹ Provides additional lid support at end of run Use to achieve IK 07 
1	MP351453	Support flange	5	MP351459	Tee support bracket ¹ Fits inside lid joints to achieve IP 40 at tee junction 
1	MP351409	Riser trunking body 170 x 38 mm ¹ ⁽¹⁶⁾ Pre-galvanised Length – 2 m	1	MP351389	Accessories Acoustic insulation block ⁽¹⁹⁾ For use when trunking passes through walls to reduce noise travel Self extinguishing plastic Acoustic tested according to NEN 5077/ISO 140/4 
1	MP351439	Riser trunking lid ⁽¹⁷⁾ Friction fit Length – 1 m	1	MP351533	Cutting support block Holds trunking in position and guides saw for a straight cut Steel 
1	MP351499	Earthing wire Length – 300 mm	1	MP351029	Touch-up paint Contents – 10 ml 

1: Internal components supplied unpainted

steel perimeter trunking system – 130 x 63 mm

for dado applications



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Pack	Cat. Nos.	Trunking body		Pack	Cat. Nos.	Fittings (continued)	
2	MP351245	Length – 3 m		1	MP351275	Internal bend body ④ Requires 2 pairs of couplers Cat. No. MP351525 (opposite)	
1	MP351230	Lid ① Length – 1.5 m		1	MP351305	External bend body ⑤ Requires 2 pairs of couplers Cat. No. MP351525 (opposite)	
1	MP351220	Length – 100 mm For use as a spacer in between wiring accessories		1	MP351240	External bend lid ⑥	
10	MP351525	Fittings Couplers¹ ② Supplied in pairs Zinc plated		1	MP351335	Flat bend body ⑦ Requires 2 pairs of couplers Cat. No. MP351525 (opposite)	
1	MP351175	Universal internal/external bend lid 90° +/- 5° ③ Complete with integral coupler		2	MP351260	Flat bend lid ⑧	
1	MP351205	Internal bend cover straps 135°- 180° ⑩ Complete with adjustable coupler		1	MP351395	Tee body ⑨ Requires 3 pairs of couplers Cat. No. MP351525 (opposite)	
				1	MP351565	Tee cover strap Rising to 130 mm trunking	

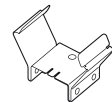

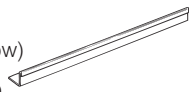



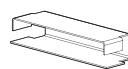

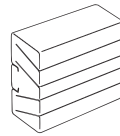
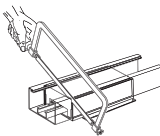

1: Internal components supplied unpainted

steel perimeter trunking system – 130 x 63 mm

for dado applications (continued)



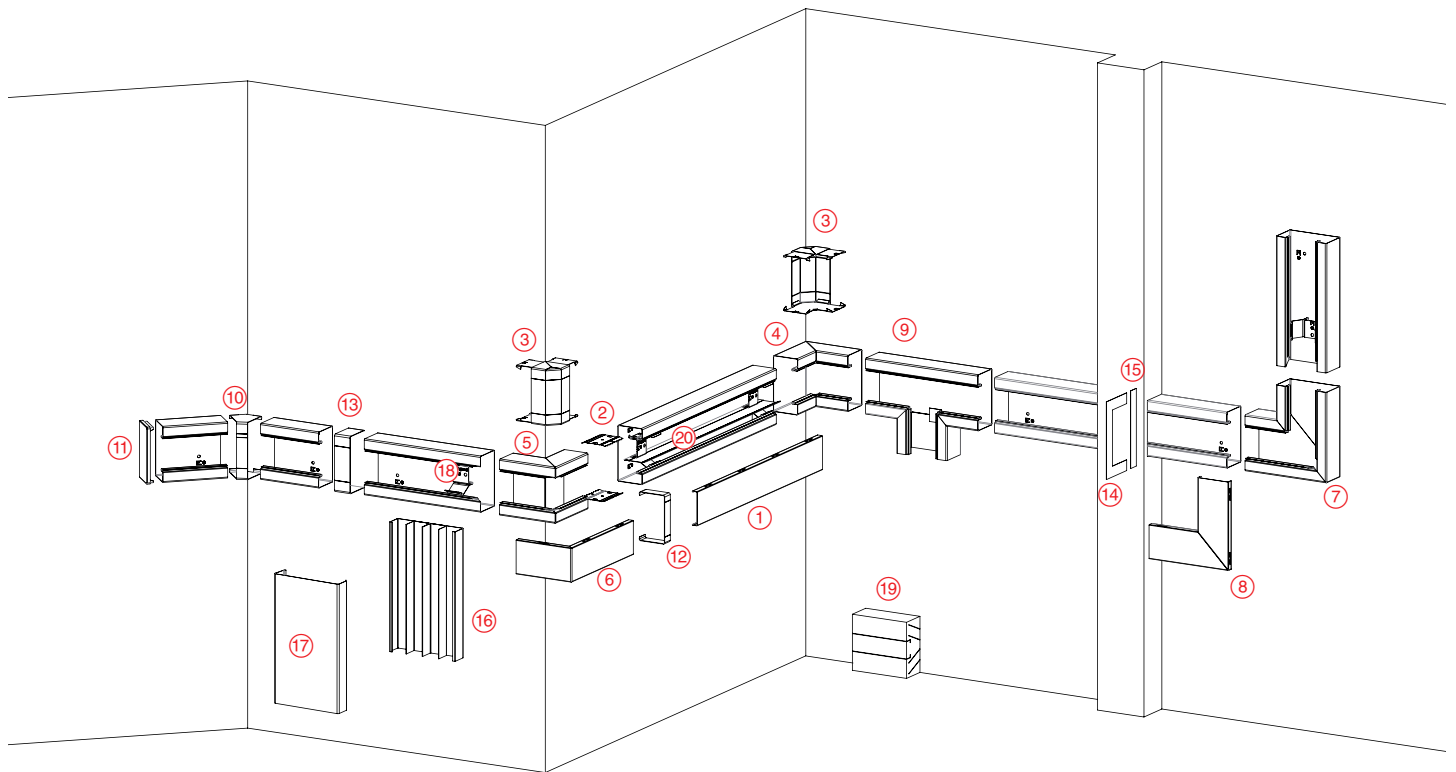
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Pack	Cat. Nos.	Fittings (continued)	Pack	Cat. Nos.	Regular power and data separation
1	MP351045	End cap ⁽¹¹⁾	20	MP351319	Universal snapper clip ¹ ⁽¹⁸⁾ Multifunction clip for fitting of divider, separation of cables (50 mm) and additional support of lid 
10	MP351105	Cover strap ⁽¹²⁾ Width – 25 mm	10	MP351189	Divider ¹ ⁽²⁰⁾ Requires universal snapper clip Cat. No. MP351319 Length – 1 m 
8	MP351075	Tolerance cover strap ⁽¹³⁾ Width – 40 mm	10	MP351279	Additional partition for the base Base divider ¹ Fixing bracket required (below) Length – 2 m Height – 22 mm, for type 130 
1	MP351485	Wall flange plate ⁽¹⁴⁾	10	MP351299	Base divider fixing bracket ¹ Height – 21 mm, for type 130 1 per metre required 
1	MP351515	Wall flange closing plate ⁽¹⁵⁾	1	MP351469	Additional products IP 40 / IK 07 Internal lid support ¹ Fits inside lid joints to achieve IP 40 
1	MP351455	Support flange	1	MP351250	Internal bend lid To achieve IP 40 on internal bends 
1	MP351409	Riser trunking body 170 x 38 mm ¹ ⁽¹⁶⁾ Pre-galvanised Length – 2 m	5	MP351449	End support bracket ¹ Provides additional lid support at end of run Use to achieve IK 07 
1	MP351439	Riser trunking lid ⁽¹⁷⁾ Friction fit Length – 1 m	5	MP351459	Tee support bracket ¹ Fits inside lid joints to achieve IP 40 at tee junction 
1	MP351499	Earthing wire Length – 300 mm	1	MP351389	Accessories Acoustic insulation block ⁽¹⁹⁾ For use when trunking passes through walls to reduce noise travel Self extinguishing plastic Acoustic tested according to NEN 5077/ISO 140/4 
			1	MP351535	Cutting support block Holds trunking in position and guides saw for a straight cut Steel 
			1	MP351029	Touch-up paint Contents – 10 ml 

1: Internal components supplied unpainted

steel perimeter trunking system – 170 x 63 mm

for dado or skirting applications



Selection charts **p. 6-7**
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 Installation material **p. 21**

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Pack	Cat. Nos.	Trunking body		Pack	Cat. Nos.	Fittings (continued)	
1	MP351236	Length – 3 m Supplied in singles		1	MP351276	Internal bend body ④ Requires 2 pairs of couplers Cat. No. MP351526 (opposite)	
1	MP351230	Lid ① Length – 1.5 m		1	MP351306	External bend body ⑤ Requires 2 pairs of couplers Cat. No. MP351526 (opposite)	
1	MP351220	Length – 100 mm For use as a spacer in between wiring accessories		1	MP351240	External bend lid ⑥	
10	MP351526	Fittings Couplers ② Supplied in pairs Zinc plated		1	MP351336	Flat bend body ⑦ Requires 2 pairs of couplers Cat. No. MP351526 (opposite)	
1	MP351176	Universal internal/external bend lid 90° +/- 5° ③ Complete with integral coupler		2	MP351260	Flat bend lid ⑧	
1	MP351206	Internal bend cover straps 135°- 180° ⑩ Complete with adjustable coupler		1	MP351396	Tee body ⑨ Requires 3 pairs of couplers Cat. No. MP351526 (opposite)	
				1	MP351566	Tee cover strap Rising to 170 mm trunking	

1: Internal components supplied unpainted

steel perimeter trunking system – 170 x 63 mm

for dado or skirting applications (continued)



MP351236



MP351526



MP351306



MP351046



MP351106



MP351076

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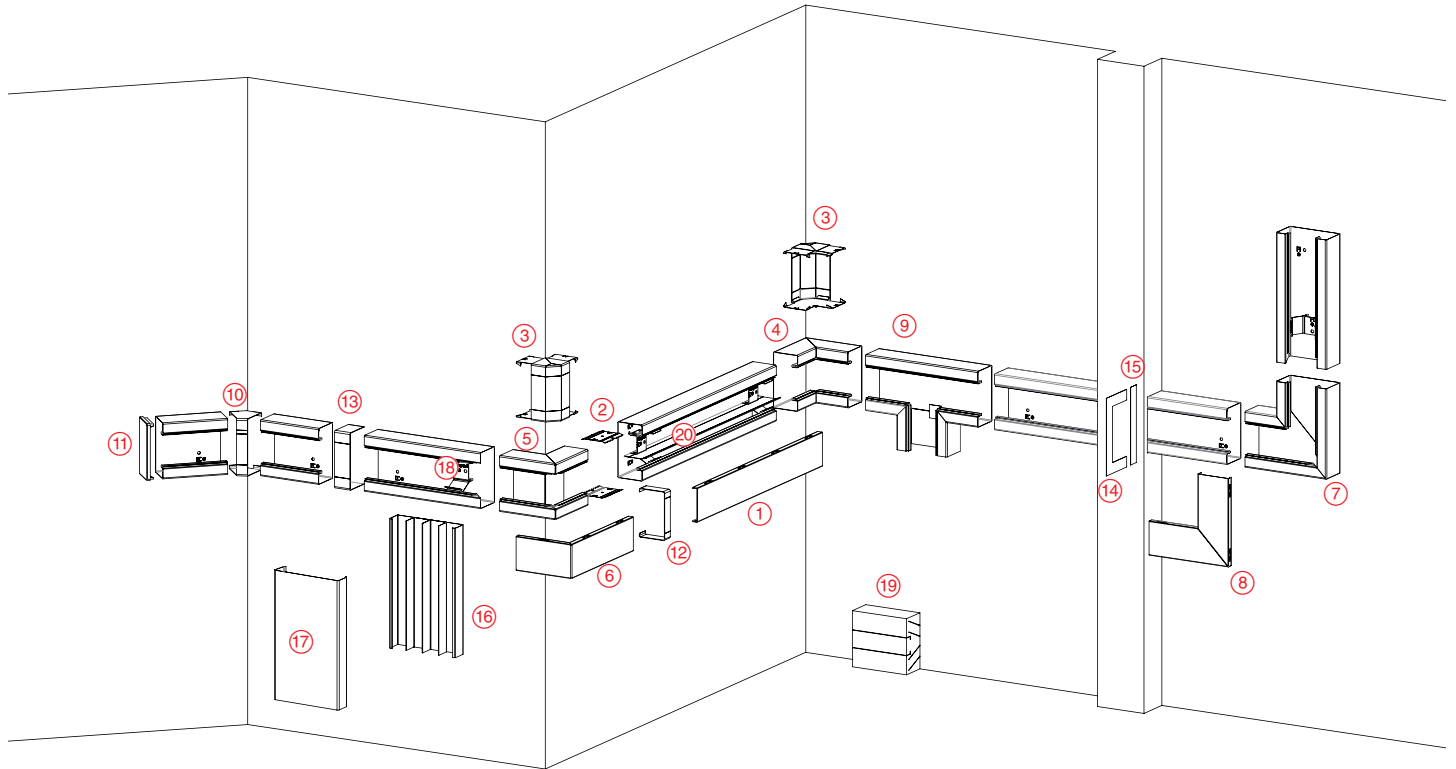
Pack	Cat. Nos.	Fittings (continued)
1	MP351046	End cap ⁽¹¹⁾
10	MP351106	Cover strap ⁽¹²⁾ Width – 25 mm
8	MP351076	Tolerance cover strap ⁽¹³⁾ Width – 40 mm
1	MP351486	Wall flange plate ⁽¹⁴⁾
1	MP351516	Wall flange closing plate ⁽¹⁵⁾
1	MP351456	Support flange
1	MP351409	Riser trunking body 170 x 38 mm ⁽¹⁶⁾ Pre-galvanised Length – 2 m
1	MP351439	Riser trunking lid ⁽¹⁷⁾ Friction fit Length – 1 m
1	MP351499	Earthing wire Length – 300 mm

Pack	Cat. Nos.	Regular power and data separation
20	MP351319	Universal snapper clip ⁽¹⁸⁾ Multifunction clip for fitting of divider, separation of cables (50 mm) and additional support of lid
10	MP351189	Divider ⁽²⁰⁾ Requires universal snapper clip Cat. No. MP351319 Length – 1 m
10	MP351289	Additional partition for the base Base divider ⁽¹⁾ Fixing bracket required (below) Length – 2 m Height – 45 mm, for type 170/170A
10	MP351309	Base divider fixing bracket ⁽¹⁾ Height – 44 mm, for type 170 1 per metre required
1	MP351469	Additional products IP 40 / IK 07 Internal lid support ⁽¹⁾ Fits inside lid joints to achieve IP 40
1	MP351250	Internal bend lid To achieve IP 40 on internal bends
5	MP351449	End support bracket ⁽¹⁾ Provides additional lid support at end of run Use to achieve IK 07
5	MP351459	Tee support bracket ⁽¹⁾ Fits inside lid joints to achieve IP 40 at tee junction
1	MP351399	Accessories Acoustic insulation block ⁽¹⁹⁾ For use when trunking passes through walls to reduce noise travel Self extinguishing plastic Acoustic tested according to NEN 5077/ISO 140/4
1	MP351536	Cutting support block Holds trunking in position and guides saw for a straight cut Steel
1	MP351029	Touch-up paint Contents – 10 ml

1: Internal components supplied unpainted

steel perimeter trunking system – 170A x 63 mm (with offset opening)

for dado or skirting applications



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Pack	Cat. Nos.	Trunking body	Pack	Cat. Nos.	Fittings (continued)
2	MP351247	Length – 3 m With offset opening for easier plug insertion and removal in skirting applications	1	MP351277	Internal bend body ④ Requires 2 pairs of couplers Cat. No. MP351527 (opposite)
1	MP351230	Lid ① Length – 1.5 m	1	MP351307	External bend body ⑤ Requires 2 pairs of couplers Cat. No. MP351527 (opposite)
1	MP351220	Length – 100 mm For use as a spacer in between wiring accessories	1	MP351240	External bend lid ⑥
10	MP351527	Fittings Couplers ② Supplied in pairs Zinc plated	1	MP351337	Flat bend body rising ⑦ Requires 2 pairs of couplers Cat. No. MP351527 (opposite)
1	MP351177	Universal internal/external bend lid 90° +/- 5° ③ Complete with integral coupler	1	MP351367	Flat bend body descending Requires 2 pairs of couplers Cat. No. MP351527 (opposite)
1	MP351207	Internal bend cover straps 135°- 180° ⑩ Complete with adjustable coupler	2	MP351260	Flat bend lid ⑧ Suitable for rising or descending bend body
			1	MP351397	Tee body rising Requires 2 pairs of couplers Cat. No. MP351527 (opposite) Rising to 130 mm trunking

1: Internal components supplied unpainted

steel perimeter trunking system – 170A x 63 mm (with offset opening)

for dado or skirting applications (continued)



MP351247



MP351527



MP351046



MP351107



MP351077

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Pack	Cat. Nos.	Fittings (continued)	Pack	Cat. Nos.	Regular power and data separation
1	MP351427	Tee body descending ⁹ Requires 3 pairs of couplers Cat. No. MP351527 (opposite) Descending to 170 mm trunking	20	MP351319	Universal snapper clip ¹⁸ Multifunction clip for fitting of divider, separation of cables (50 mm) and additional support of lid
1	MP351567	Tee cover strap For use when –	10	MP351189	Divider ²⁰ Requires universal snapper clip Cat. No. MP351319 Length – 1 m
1	MP351597	Rising to 170mm trunking			
1	MP351046	End cap ¹¹			
10	MP351107	Cover strap ¹² Width – 25 mm	10	MP351289	Additional partition for the base Base divider ¹ Fixing bracket required (below) Length – 2 m Height – 45 mm, for type 170/170A
			10	MP351309	Base divider fixing bracket ¹ Height = 44 mm, for type 170/170A 1 per metre required
8	MP351077	Tolerance cover strap ¹³ Width – 40 mm			
1	MP351486	Wall flange plate ¹⁴	1	MP351250	Additional products IP 40 / IK 07 Internal lid support ¹ Fits inside lid joints to achieve IP 40
			1	MP351250	Internal bend lid To achieve IP 40 on internal bends
1	MP351516	Wall flange closing plate ¹⁵	5	MP351449	End support bracket ¹ Provides additional lid support at end of run Use to achieve IK 07
			5	MP351459	Tee support bracket ¹ Fits inside lid joints to achieve IP 40 at tee junction
1	MP351456	Support flange			
1	MP351409	Riser trunking body 170 x 38 mm ¹⁶ Pre-galvanised Length – 2 m	1	MP351399	Accessories Acoustic insulation block ¹⁹ For use when trunking passes through walls to reduce noise travel Self extinguishing plastic Acoustic tested according to NEN 5077/ISO 140/4
			1	MP351536	Cutting support block Holds trunking in position and guides saw for a straight cut Steel
1	MP351439	Riser trunking lid ¹⁷ Friction fit Length – 1.0 m			
			1	MP351029	Touch-up paint Contents – 10 ml
1	MP351499	Earthing wire Length – 300 mm			

1: Internal components supplied unpainted



7300 60



7330 70



MP351049



5721 10



7300 70



8204 50



MP351089

Back boxes and contrast frames

Pack	Cat. Nos.	Socket back boxes	Contrast frames
1	MP820329	Material : pre-galvanised steel 1 gang back box	
1	MP820339	2 gang back box	
10	8218 46	Aid Part M compliance when using Synergy white wiring accessories (see below) 1 gang contrast frame	
10	8218 47	2 gang contrast frame	

Pack	Cat. Nos.	Synergy sockets (monobloc)	Synergy white wiring accessories	Synergy brushed stainless steel wiring accessories	MEIGaN socket outlets
10	7300 60	Front plates : white thermoset Terminal screws backed off and ready for cabling Supplied with optional faceplate screw caps White	Conform to BS 1363 - Part 2 : 1995 13 A single switched socket	Conform to BS 1363 - Part 2 : 1995 13 A single switched socket brushed stainless steel	Conform to BS 1363 - Part 2 : 1995 13 A single switched socket (MEIGaN) blue stainless steel
5	7300 70		Conform to BS 1363 - Part 2 : 1995 13 A twin switched socket	Conform to BS 1363 - Part 2 : 1995 13 A twin switched socket brushed stainless steel	Conform to BS 1363 - Part 2 : 1995 13 A twin switched socket (MEIGaN) blue stainless steel
1	7300 98		Conform to BS 7288 : 1990 and BS 1363 - Part 2 : 1995 13 A twin RCD 30 mA passive socket	Conform to BS 7288 : 1990 and BS 1363 - Part 2 : 1995 13 A twin RCD 30 mA passive socket brushed stainless steel	
1	7330 60				
1	7330 70				
1	7330 98				
1	8204 50				
1	8204 51				

Support frames and surround plates for Arteor socket modules

Pack	Cat. Nos.	Support frames	Surround plates – RAL 9010
10	MP351069	Material : plastic For 2 or 3 modules 118 x 80 mm	
10	MP351109	For 4 or 6 modules 191 x 80 mm	
10	MP351049	Use with 2/3 module support frame Cat. No. MP351069	
10	MP351059	2 modules 3 modules	
10	MP351089	Use with 4/6 module support frame Cat. No. MP351109	
10	MP351099	4 modules 6 modules	

Pack	Cat. Nos.	Arteor sockets (modular)	Number of modules (22.5 x 45 mm)
10	5721 10	Shuttered for child safety Use support frames and surround plates above White	Conform to BS 546 : 1950 5 A single unswitched socket
10	5721 11 ¹		Conform to BS 1363 – Part 2 : 1995 13 A single unswitched socket
5	5721 30		Conform to BS 1363 – Part 2 : 1995 13 A single switched socket
5	5721 32		Conform to BS 546 : 1950 15 A single switched socket
5	5724 67		13 A single switched non-standard socket

For complete range of wiring accessories see Legrand's Wiring Devices catalogue



¹ : when using two or more Arteor unswitched 13 A sockets (Cat. No. 5721 11) next to each other, it is necessary to separate the sockets with a 1 module spacer (Cat. No. 5723 41)

steel perimeter trunking

technical information

■ Compliance

A steel perimeter trunking system with strength and rigidity manufactured using pre-galvanised steel to BS EN 10346 : 2009 grade DX51D. Manufactured to BS EN 50085-2-1 : 2006 in BS EN ISO9001 : 2008 and BS EN ISO14001 : 2004 approved facilities Trunking is supplied as standard powder coated with LSF powder to RAL 9010 "Pure White" with a safety return edge Covers are supplied as push-fit and are designed to give excellent earth continuity without extra components

Classification to BS EN 50085-1 : 2005 and BS EN 50085-2-1 : 2006

Clause 6.2 According to resistance to impact for installation and application :

Impact 2·0J when used in conjunction with IK 07 accessories

Clause 6.3 According to temperatures given in the table below :

	Min.	Max.
1. Storage and transport	-25°	-
2. Installation	-15°	-
3. Application	-	+60°

Clause 6.4 According to resistance to flame propagation :

Non-flame propagating

Clause 6.5 According to electrical continuity characteristic :

CTS with electrical continuity (maximum linear impedance 1·0 milliohms per metre)

Clause 6.6 According to electrical insulating characteristic :

CTS without electrical insulating characteristic

Clause 6.7 According to degree of protection provided by enclosure according to BS EN 0529 : 1991 :

IP 30 – standard range

IP 40 – when used with IP 40 accessories

Clauses 6.9 According to system access cover retention :

CTS access cover which can only be opened with a tool when installation is complete

Clause 6.10 According to electrically protective separation :

CTS without internal protective partition

Clause 6.101 According to position when surface mounted :

CTS surface mounted on wall

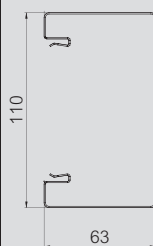
Clause 6.103 According to the functions provided :

Type 2 CTS (installation)

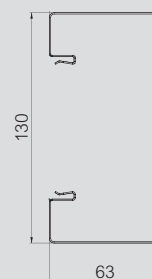
■ Sizes available

There are four sizes of body within the range, these are :

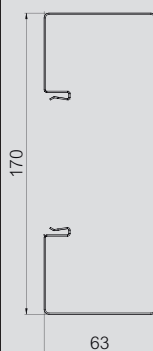
110 x 63 mm



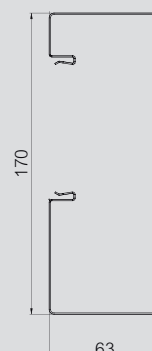
130 x 63 mm



170 x 63 mm



170A x 63 mm



110, 130, 170 and 170A systems are all suitable for dado applications

170 and 170A are also suitable for skirting applications

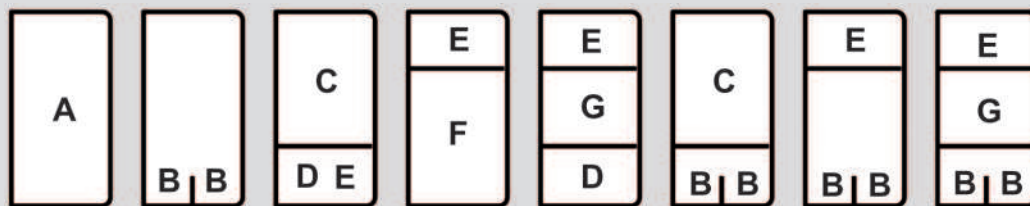
Ensure clearance between trunking body and floor finish is allowed to fit the cover straps etc

Each of these sizes can be configured with 2 or 3 compartments with the option of a base divider giving a maximum potential of 4 compartmented areas within the trunking

steel perimeter trunking

technical information

■ Compartment options



■ Cable capacity

Full capacity mm² per compartment area

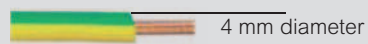
Trunking Size	Back box without		Back box with		Back box without		Back box with		
	without	with	without	with	without	with	without	with	
110 x 63	110 x 63		130 x 63		170 x 63		170A x 63		
Compartment	A	6408	3348	7628	4568	10068	7008	10068	7008
	B	–	–	616	616	1260	1260	1260	1260
	C	4607	2087	5217	2697	6437	3917	5217	2697
	D	1801	1261	2411	1871	3631	3091	4851	4311
	E	1801	1261	2411	1871	3631	3091	2411	1961
	F	4607	2087	5217	2697	6437	3917	7657	5047
	G	2806	826	2806	826	2806	826	2806	736

For each size of cable multiply the number to be installed by its own common factor. Add together the results of these calculations for all cable sizes. The resulting sum should be equal to or less than the trunking capacity. It is recommended that each compartment should not be filled over 45% of its full capacity

Common cable factors

If the cable is not shown in the table below then the factor (area) can be calculated by :

Measuring diameter
Dividing diameter by 2 to give the radius
Area = 3.142 x radius x radius
e.g.



$$3.142 \times 2 \times 2 = 12.6 \text{ mm}^2$$

Cable factors : power		
	Conductor size mm ²	Factor
Solid	1.5	8.0
Solid	2.5	11.9
Stranded	1.5	8.6
Stranded	2.5	12.6
Stranded	4.0	16.6
Stranded	6.0	21.2

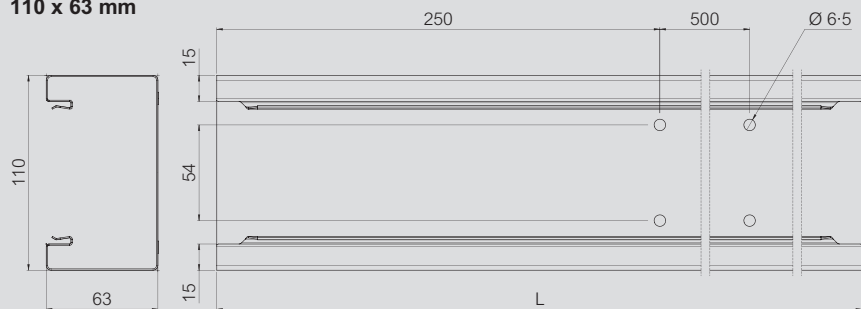
Cable factors : data		
	Ø mm	Factor
5e. UTP	5.5	30.2
5e. STP	6.0	36.0
6 UTP	6.5	42.2
6 STP	7.0	49.0

steel perimeter trunking

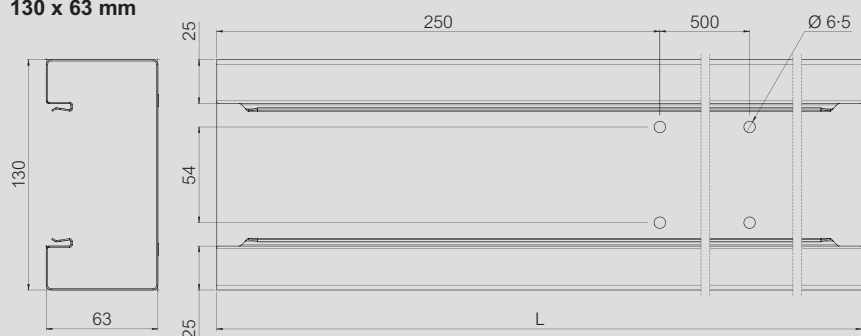
technical information

■ Dimensions

110 x 63 mm



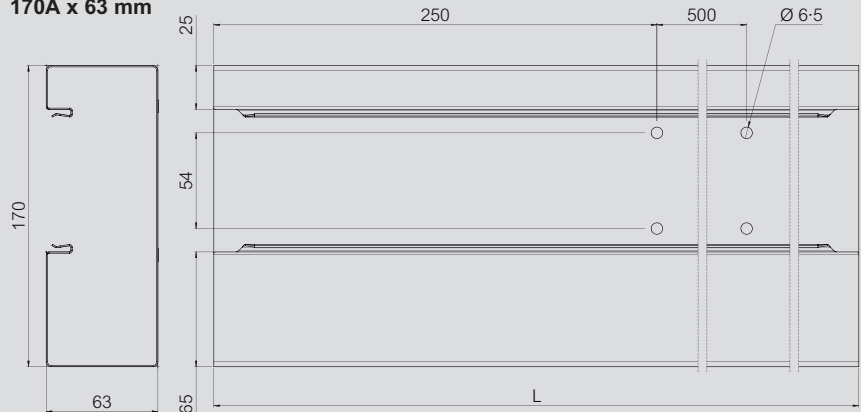
130 x 63 mm



170 x 63 mm



170A x 63 mm



All dimensions (mm) are nominal

steel perimeter trunking

technical information

■ Weights

Trunking size	Product							
	110		130		170		170A	
	Cat. Nos.	Weight	Cat. Nos.	Weight	Cat. Nos.	Weight	Cat. Nos.	Weight
Body 3 m	MP351243	5.56	MP351245	6.27	MP351236 ¹	7.68	MP351247	7.68
Lid 1.5 m	MP351230	0.98	MP351230	0.98	MP351230	0.98	MP351230	0.98
Accessory spacer lid 100 mm	MP351220	0.07	MP351220	0.07	MP351220	0.07	MP351220	0.07
Coupler ²	MP351523	0.08	MP351525	0.09	MP351526	0.05	MP351527	0.11
Universal internal/external bend lid	MP351173	0.23	MP351175	0.24	MP351176	0.27	MP351177	0.27
Internal bend cover straps	MP351203	0.37	MP351205	0.37	MP351206	0.38	MP351207	0.38
Internal bend body	MP351273	0.47	MP351275	0.52	MP351276	0.62	MP351277	0.62
External bend body	MP351303	0.53	MP351305	0.59	MP351306	0.71	MP351307	0.71
External bend lid	MP351240	0.26	MP351240	0.26	MP351240	0.26	MP351240	0.26
Flat bend body	MP351333	0.44	MP351335	0.65	MP351336	1.09	–	–
Flat bend lid	MP351260	0.21	MP351260	0.21	MP351260	0.21	MP351260	0.21
Flat bend body rising	–	–	–	–	–	–	MP351337	1.08
Flat bend body descending	–	–	–	–	–	–	MP351367	1.10
Tee body	MP351393	0.62	MP351395	0.74	MP351396	0.99	–	–
Tee body rising	–	–	–	–	–	–	MP351397	0.96
Tee body descending	–	–	–	–	–	–	MP351427	1.01
Tee cover strap	MP351563	0.15	MP351565	0.20	MP351566	0.30	MP351567 ³ MP351597 ⁴	0.29
End cap	MP351043	0.08	MP351045	0.08	MP351046	0.10	MP351046	0.10
Cover strap	MP351103	0.05	MP351105	0.06	MP351106	0.07	MP351107	0.07
Tolerance cover strap	MP351073	0.09	MP351075	0.10	MP351076	0.11	MP351077	0.11
Wall flange plate	MP351483	0.05	MP351485	0.05	MP351486	0.06	MP351486	0.06
Wall flange closing plate	MP351513	0.03	MP351515	0.03	MP351516	0.04	MP351516	0.04
Support flange	MP351453	0.13	MP351455	0.14	MP351456	0.15	MP351456	0.15
Riser trunking body ² – 2 m	MP351409	5.60	MP351409	5.60	MP351409	5.60	MP351409	5.60
Riser trunking lid – 1 m	MP351439	1.47	MP351439	1.47	MP351439	1.47	MP351439	1.47
Earthing wire	MP351499	0.01	MP351499	0.01	MP351499	0.01	MP351499	0.01
Universal snapper clip ²	MP351319	0.06	MP351319	0.06	MP351319	0.06	MP351319	0.06
Divider ² – 1 m	MP351189	0.36	MP351189	0.36	MP351189	0.36	MP351189	0.36
Base divider ² – 2 m	–	–	MP351279	0.47	MP351289	0.66	MP351289	0.66
Base divider fixing bracket ²	–	–	MP351299	0.02	MP351309	0.02	MP351309	0.02
Internal lid support ²	MP351469	0.03	MP351469	0.03	MP351469	0.03	MP351469	0.03
Internal bend lid	MP351250	0.12	MP351250	0.12	MP351250	0.12	MP351250	0.12
End support bracket ²	MP351449	0.03	MP351449	0.03	MP351449	0.03	MP351449	0.03
Tee support bracket ²	MP351459	0.03	MP351459	0.03	MP351459	0.03	MP351459	0.03
Acoustic insulation block	MP351389	0.05	MP351389	0.05	MP351399	0.05	MP351399	0.05
Cutting support block	MP351533	1.51	MP351535	1.64	MP351536	1.89	MP351536	1.89
Touch-up paint	MP351029	0.04	MP351029	0.04	MP351029	0.04	MP351029	0.04
1 gang back box	MP820329	0.85	MP820329	0.85	MP820329	0.85	MP820329	0.85
2 gang back box	MP820339	0.15	MP820339	0.15	MP820339	0.15	MP820339	0.15

1 : All trunking body lengths supplied in packs of 2 x 3 m lengths except Cat. No. MP351236 which is supplied singly 2 : Internal components supplied unpainted
3 : Rising to 170 mm wide trunking 4 : Rising to 130 mm wide trunking

steel perimeter trunking

technical information

■ Supporting cable trunking systems

The connector between all types of cable trunking lengths is to provide electrical and mechanical connection between the lengths ; it does not provide a load bearing connection between lengths. Consequently each length must be fully secured to the wall so that there is no significant bending force applied to the connector

■ Electromagnetic compatibility (EMC)

Cable trunking and duct systems are considered passive under normal conditions in respect of electromagnetic influences. The installation of current carrying cables may cause emissions and these cables may also be influenced by electromagnetic signals from elsewhere, but the degree of influence will depend on the nature of the installation and the apparatus connected to the system. Specific information relating to the details of cable separation required according to the type of signal, and further information on the subject of EMC, is provided in the relevant Standards and Regulations. However, as a basic principle, if power and data cables are run in separate compartments of a metal trunking system, then the metal segregation will significantly reduce the possibility of one circuit having an undesirable effect upon another

■ Installation

110, 130, 170 and 170A systems are all suitable for dado applications
170 and 170A systems are also suitable for skirting applications
Ensure clearance between trunking body and floor finish is allowed to fit the cover straps etc

The system is designed to fit together without the use of screws on the body, lid or component parts, with the exception of the wiring accessory back box which has a screw to secure a sliding plate into the body

Trunking body

The trunking body has fixing points every 500 mm and 250 mm from each end

It is recommended to secure at least every metre and near to joints / ends

Use washers and dome head screws or plastic caps to avoid damage to cables

Do not over tighten

Fit trunking body to wall ensuring it is level with preceding length and that joints are closely butted together

Once secured, install earthing coupler to trunking joint by simply pushing into place ensuring that the coupler is evenly distributed over both parts

For best results when cutting, use a fine tooth circular saw

Cut edges must be de-burred to avoid cable damage

The trunking body is supplied with a protective film to avoid marks and scratches during installation ; this can be removed when lids are fitted

Fittings

Fittings (e.g. bends, tees) are installed in the same manner as the trunking body

Dividers

The trunking can be divided into two or three compartments

Dividers are supplied in 1 m lengths and have rolled edges for safety

The multifunction snapper clips into the base and provides two locations to fit the dividers

The snapper is earthed to the trunking body and dividers automatically when installed

One snapper is required per metre

Additional snapper clips may be required at the end of the run and closer to back boxes. The snapper also provides additional support to the lid

A base divider is also available to further separate the base compartment if required

Back boxes

The 35 mm steel back boxes are slotted into place and secured by sliding the two fixing brackets under the return and tightening the screws
Boxes are designed to have some lateral movement for final adjustments
Marks in the rear of the trunking body every 100 mm allow for easy positioning

20 mm knockouts are provided on all sides and the base. Once removed, 20 mm grommets should be fitted to protect the cable from the cut edge before feeding cable into box

Lids

Once the wiring installation is complete, lids are simply clicked into place

Earthing cams are located every 150 mm

Minimum length of lid should be 50 mm and include at least one earthing cam

To remove, the lids should be carefully lifted from one end

This can be from any joint, fitting or wiring accessory location

If the installation comprises a single length between two walls, a coupler joint is required in the centre to aid lid removal

25 mm wide cover straps are available to provide a neat finish at lid and body joints

These clip into place over the completed trunking run after the lids have been fitted

A wider (40 mm) tolerance cover strap is also available

Earthing

The Legrand steel perimeter trunking system is designed with parts that provide earth continuity when installed, however, the connection to earth is the responsibility of the installer. Legrand provides the means to achieve a correct and safe installation. It is the responsibility of the installer to determine the number and position of earth connections

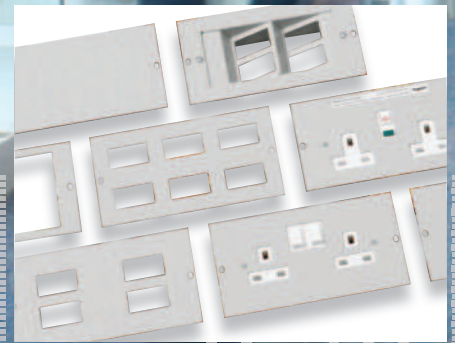
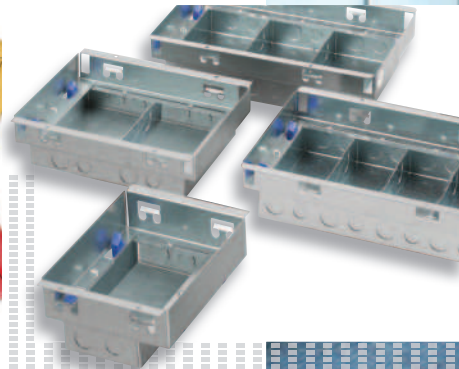
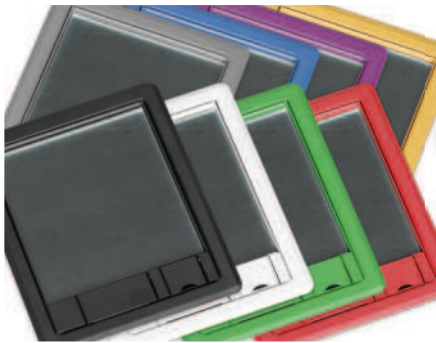
CAVITY FLOOR BOXES

building
on success

Legrand's latest range of cavity floor boxes offer a modular product that is simple to order. Components are sold separately enabling any configuration to be accommodated on site.

Available in 1, 2, 3 and 4 compartments and three depths - the range has been developed with a host of special features:

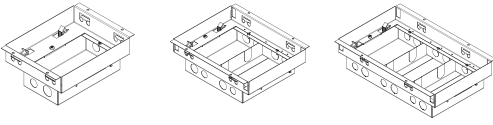
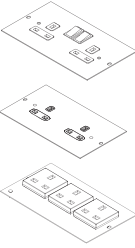
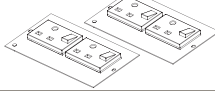
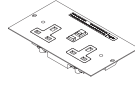
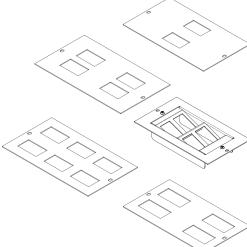
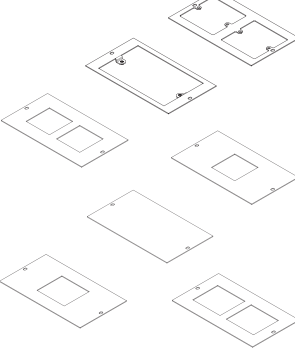

- Rapid fit and remove mechanism
- Reversible lid
- Push-fit detail to secure base in the floor
- 1 compartment floor box is designed to easily accommodate moulded plugs





cavity floor service outlet boxes

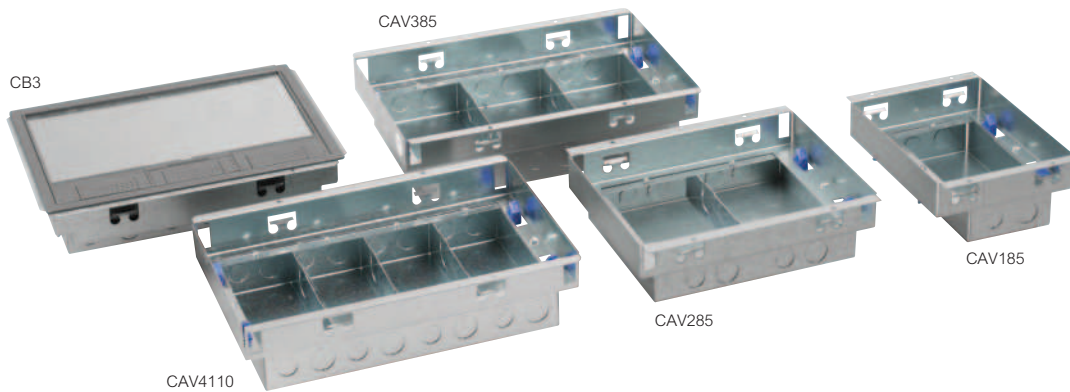
selection chart

No. of compartments		
Floor box base		
Depth 	Cavity floor box base – 75 mm deep	
	Cavity floor box base – 85 mm deep	
	Cavity floor box base – 110 mm deep	
Socket outlet plates		
13 A standard 	13 A twin switched socket plate	
	13 A twin unswitched socket plate	
	13 A twin switched clean earth socket plate	
	13 A triple unswitched socket plate	
	13 A triple unswitched clean earth socket plate	
13 A non-standard 	13 A twin NS switched socket plate	
	13 A twin NS switched clean earth socket plate	
RCD 30 mA passive 	2 gang RCD socket plate	
	2 gang RCD socket plate – clean earth	
Data 	37 x 22 mm – 2 cut-out plate	
	37 x 22 mm – 4 cut-out plate	
	37 x 22 mm – 4 cut-out wave plate	
	37 x 22 mm – 6 cut-out plate	
	47.5 x 23.5 mm – 4 cut-out plate	
General 	2 x standard single outlet 60.3 mm	
	Standard 2 gang outlet plate 120.6 mm	
	51 x 51 mm – 1 cut-out plate	
	51 x 51 mm – 2 cut-out plate	
	Blank plate	
	58 x 53.5 mm – 1 cut-out plate to accept Arteor mounting frame ¹	
	58 x 53.5 mm – 2 cut-out plate to accept 2 x Arteor mounting frames ¹	
Lids and trims		
	ABS with carpet trim – 6 mm recess	
	Combination with edge trim – 6 mm recess	
	Metal, powder coated with carpet trim – 8 mm recess	
	Metal, powder coated with edge trim – 8 mm recess	
	Stainless steel with carpet trim – 8 mm recess	
	Stainless steel with edge trim – 8 mm recess	
	Brass with carpet trim – 8 mm recess	
	Brass with edge trim – 8 mm recess	


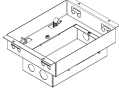
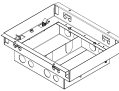
1 : For Arteor mounting frames, refer to the latest Wiring Devices catalogue

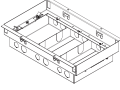
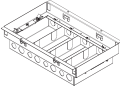
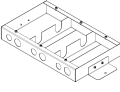
	1 compartment	2 compartment	3 compartment	4 compartment
	–	CAV275	CAV375	CAV475
	CAV185	CAV285	CAV385	CAV485
	–	CAV2110	CAV3110	CAV4110
	SP3201	SP3201	SP3201	SP4201
	SP3200	SP3200	SP3200	SP4200
	SP3211	SP3211	SP3211	SP4211
	SP3300	SP3300	SP3300	SP4300
	SP3310	SP3310	SP3310	SP4310
	SP3221	SP3221	SP3221	SP4221
	SP3231	SP3231	SP3231	SP4231
	SP3202	SP3202	SP3202	SP4202
	SP3212	SP3212	SP3212	SP4212
	SP3203	SP3203	SP3203	SP4203
	SP3403	SP3403	SP3403	SP4403
	SP3404	SP3404	SP3404	SP4404
	SP3603	SP3603	SP3603	SP4603
	SP3408	SP3408	SP3408	SP4408
	SP3205	SP3205	SP3205	–
	SP3105	SP3105	SP3105	–
	SP3106	SP3106	SP3106	SP4106
	SP3206	SP3206	SP3206	SP4206
	SP3000	SP3000	SP3000	SP4000
	SP3107	SP3107	SP3107	SP4107
	SP3207	SP3207	SP3207	SP4207
	–	FBL2ABS	FBL3ABS	FBL3ABS
	–	FBL2COM	FBL3COM	FBL3COM
	FBL1MCT	FBL2MCT	FBL3MCT	FBL3MCT
	FBL1MET	FBL2MET	FBL3MET	FBL3MET
	FBL1SCT	FBL2SCT	FBL3SCT	FBL3SCT
	FBL1SET	FBL2SET	FBL3SET	FBL3SET
	FBL1BCT	FBL2BCT	FBL3BCT	FBL3BCT
	FBL1BET	FBL2BET	FBL3BET	FBL3BET

cavity floor service outlet boxes



Cavity floor outlet boxes selection chart **p. 24-25**
 Dimensions and technical information **p. 29**
 Installation details **p. 30**

Pack	Cat. Nos.	Cavity floor boxes
1	CB3	Contractor floor box Supplied empty Ready to accept standard BS two gang wiring accessories Additional mounting plates not required Recommended hole cut-out size : 302-304 mm x 219-221 mm 7 mm lid recess Standard depth : 85 mm 20/25 mm knockouts to each compartment Manufactured from pre-galvanised steel to BS EN 10142 and 3, and polycarbonate/ABS 3 compartment contractor floor box 
1	CAV185	Floor box bases Supplied empty Lids and trims are detailed on p. 27 Outlet plates are detailed on p. 27 1 compartment floor box base Recommended hole cut-out size : 165-167 mm x 203-205 mm 85 mm deep 
1	CAV275	2 compartment floor box base Recommended hole cut-out size : 263-265 mm x 203-205 mm 75 mm deep 
1	CAV285	85 mm deep
1	CAV2110 ¹	110 mm deep

Pack	Cat. Nos.	Cavity floor boxes (continued)
1	CAV375	3 compartment floor box base Recommended hole cut-out size : 340-342 mm x 203-205 mm 75 mm deep 
1	CAV385	85 mm deep
1	CAV3110 ¹	110 mm deep
1	CAV475	4 compartment floor box base Recommended hole cut-out size : 340-342 mm x 203-205 mm 75 mm deep 
1	CAV485	85 mm deep
1	CAV4110 ¹	110 mm deep
1	SLAB1	Slab floor box 1 compartment 
1	SLAB2	2 compartment
1	SLAB3	3 compartment
1	SLAB4	4 compartment

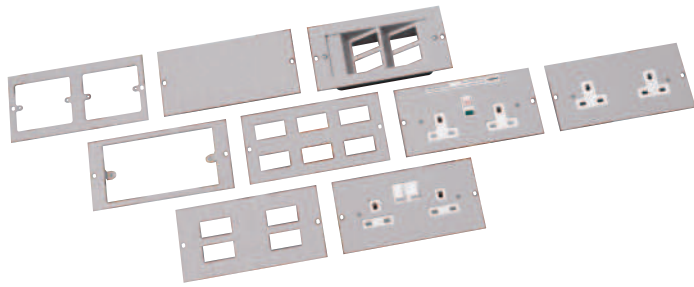
1 : 110 mm deep base boxes not suitable for edge trim lids



Cavity floor boxes and slab boxes are available pre-wired to tap-offs **p. 38-39**

outlet plates for floor boxes

power and data



Cavity floor outlet boxes selection chart **p. 24-25**
Dimensions and technical information **p. 29**
Installation details **p. 30**

Plates to fit 1, 2 and 3 compartment boxes are all 100 mm wide
Plates to fit 4 compartment boxes are 75 mm wide
Non-standard sockets have a round earth pin
Due to overall depth, RCD sockets and wave type data plates will NOT fit in the flush floor and shallow flush floor ranges (Cat. Nos. FFO/AFS)
When using with underfloor duct systems (Cat. No. AFU) the outlet box must be raised by 8 mm from the lowest point to allow for wiring

Pack	Cat. Nos.		Power and data plates
	1, 2, 3 comp. 100 mm wide	4 comp. 75 mm wide	
			13 A standard socket plates
1	SP3201	SP4201	Twin switched
1	SP3200	SP4200	Twin unswitched
1	SP3211	SP4211	Twin switched – clean earth
1	SP3300	SP4300	Triple unswitched
1	SP3310	SP4310	Triple unswitched – clean earth
			13 A non-standard socket plates
1	SP3221	SP4221	Twin NS switched
1	SP3231	SP4231	Twin NS switched – clean earth
			RCD socket plates
			Double pole 30 mA passive will not trip in event of power failure. Eliminating need to manually reset all units after power failure
1	SP3202	SP4202	2 gang
1	SP3212	SP4212	2 gang – clean earth
			Data plates
1	SP3203	SP4203	37 x 22 mm – 2 cut-outs
1	SP3403	SP4403	37 x 22 mm – 4 cut-outs
1	SP3404	SP4404	37 x 22 mm – 4 cut-outs (wave plate)
1	SP3603	SP4603	37 x 22 mm – 6 cut-outs
1	SP3408	SP4408	47.5 x 23.5 mm – 4 cut-outs
			General
1	SP3205	-	2 x standard single outlet 60.3 mm
1	SP3105	-	Standard 2 gang outlet plate 120.6 mm
1	SP3106	SP4106	51 x 51 mm – 1 cut-out plate
1	SP3206	SP4206	51 x 51 mm – 2 cut-out plate
1	SP3000	SP4000	Blank plate
1	SP3107	SP4107	58 x 53.5 mm – 1 cut-out plate to accept Arteor mounting frame (Cat. No. 576016) ¹
1	SP3207	SP4207	58 x 53.5 mm – 2 cut-outs plate to accept 2 x Arteor mounting frames (Cat. No. 576016) ¹
			Fasteners
50	SPSCREW		M3.5 x 6 spare socket plate screws

1: For Arteor mounting frames, refer to the latest Wiring Devices catalogue

lids and trims for floor boxes

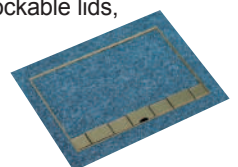


Cavity floor outlet boxes selection chart **p. 24-25**
Dimensions and technical information **p. 29**
Installation details **p. 30**

Moulded lids and trims are manufactured from durable ABS and feature a quick fit / release ratchet system
ABS lid and trim versions are supplied with 6 mm carpet recess
Metal lid and trim versions are supplied with 8 mm recess
Stainless steel is satin finish as standard
Brass is polished finish as standard

Pack	Cat. Nos.		Floor box lids and trims
	1 comp.	2 comp.	
			1 and 2 compartment
			Carpet trim
1	-	FBL2ABS	ABS
1	FBL1MCT	FBL2MCT	Metal – grey
1	FBL1SCT	FBL2SCT	Stainless steel
1	FBL1BCT	FBL2BCT	Brass
			Edge trim
1	-	FBL2COM	ABS lid/metal trim – ABS/grey
1	FBL1MET	FBL2MET	Metal – grey
1	FBL1SET	FBL2SET	Stainless steel
1	FBL1BET	FBL2BET	Brass
			3 and 4 compartment
			Carpet trim
1		FBL3ABS	ABS
1		FBL3MCT	Metal – grey
1		FBL3SCT	Stainless steel
1		FBL3BCT	Brass
			Edge trim
1		FBL3COM	ABS lid/metal trim – ABS/grey
1		FBL3MET	Metal – grey
1		FBL3SET	Stainless steel
1		FBL3BET	Brass

Metal lids and trims can be powder coated to any RAL reference. Other options, such as lockable lids, are available to special order
Contact us on +44 (0) 870 608 9020



cavity floor grommets

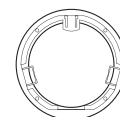
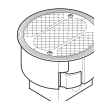


Dimensions and technical information p. 31

Pack	Cat. Nos.	150 mm plastic grommets
1	SG6	Hole size 152 mm Carpet recess optional on power versions Secured by quarter-turn fasteners Access grommet Allows power, data and flexible conduit up to 32 mm to pass safely through raised access floor Maximum number of conduit entries : 9 x 20 mm Ø 5 x 25 mm Ø 3 x 32 mm Ø
1	PG6	13 A power grommet Supplied complete with 13 A unswitched socket
1	PG6RCD	RCD power grommet Supplied complete with 13 A RCD socket
1	PG6PD	13 A power/data grommet Supplied complete with 13 A socket and 1 x 37 x 22 mm cut-out
1	PG6D	Data grommet Supplied complete with data plate 2 x 37 x 22 mm cut-out



Pack	Cat. Nos.	125 mm aluminium grommets
1	089307	Hole size 127 mm Body – cast aluminium Lid – injection moulded plastic Nylon 66 with neoprene cable gasket Secured by quarter-turn fasteners Floor depth 25 to 55 mm Access grommet depth 60 mm (95 mm when back box included) Access grommet Allows power, data and flexible conduit up to 25 mm to pass safely through raised access floor
1	AM1C	13 A power grommet Supplied complete with 13 A unswitched socket
1	LSG2	250 mm grommet Hole size 250 mm Manufactured from polycarbonate/ABS Colour : grey to BS 4800 18B25 Secured by quarter-turn fasteners Floor depth 15 to 35 mm 7 mm lid recess Depth 55 mm Access grommet Allows power, data and flexible conduit up to 32 mm to pass safely through raised access floor



All power grommets are available pre-wired
Contact us on +44 (0) 870 608 9020

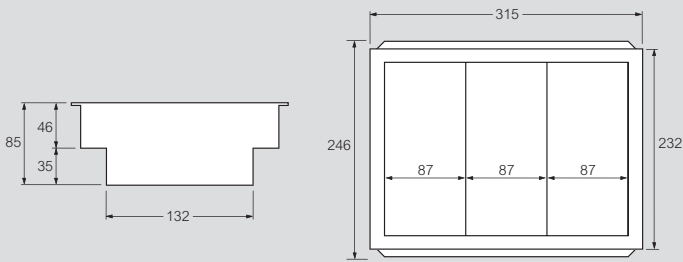
cavity floor service outlet boxes

technical information

■ Cavity floor service outlet boxes

Contractor floor box (Cat. No. CB3)

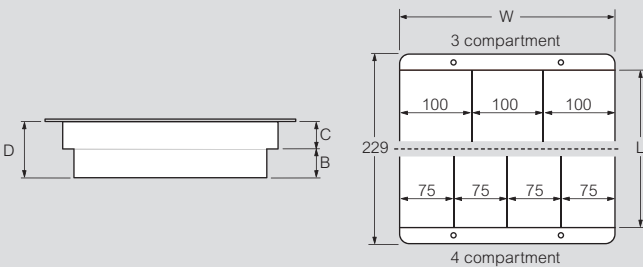
Cut-out 302-304 mm x 219-221 mm



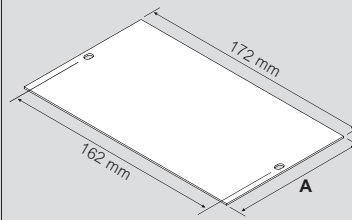
Floor box bases

Cat. Nos. CAV1..., CAV2..., CAV3... and CAV4...

Cat. No.	D	B	C	Cutout		Plate Size
				W	L	
CAV185	85	45	40	165	203	100
CAV275	75	35	40	263	203	100
CAV285	85	45	40	263	203	100
CAV2110	110	45	65	263	203	100
CAV375	75	35	40	340	203	100
CAV385	85	45	40	340	203	100
CAV3110	110	45	65	340	203	100
CAV475	75	35	40	340	203	75
CAV485	85	45	40	340	203	75
CAV4110	110	45	65	340	203	75

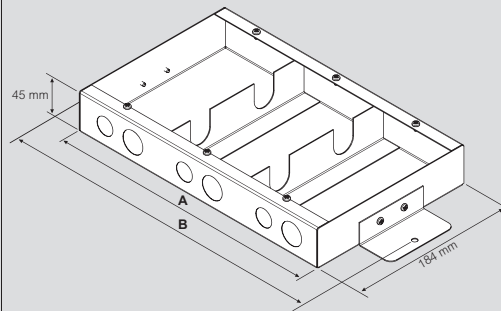


■ Outlet plates



	A
1, 2, 3 comp.	100
4 comp.	75

■ Slab boxes



Cat. No.	A	B
Slab 1	102	162
Slab 2	202	262
Slab 3	302	362
Slab 4	302	362

All dimensions (mm) are nominal

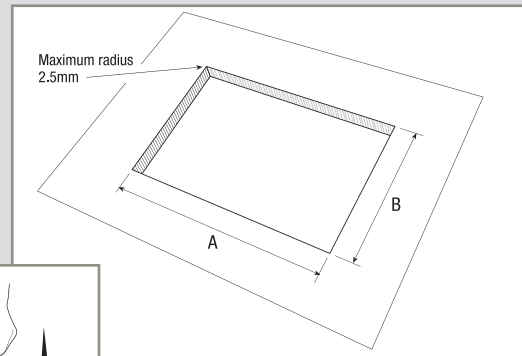
cavity floor service outlet boxes

installation

Cut hole in floor tile

1

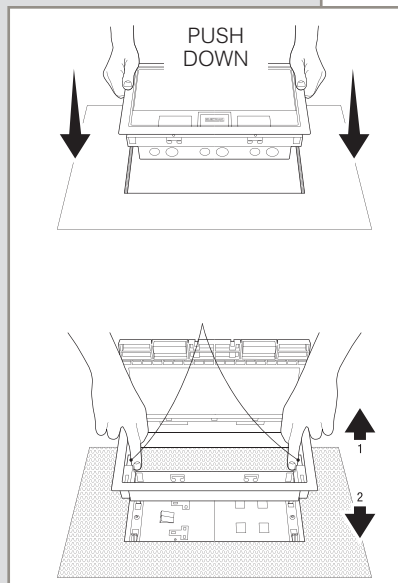
	Minimum	Maximum	Minimum	Maximum
	A		B	
1 compartment	165 mm	167 mm	203 mm	205 mm
2 compartment	263 mm	265 mm	203 mm	205 mm
3 compartment	340 mm	342 mm	203 mm	205 mm
4 compartment	340 mm	342 mm	203 mm	205 mm



Install box

2

Lower base box into aperture and push firmly down
This will engage the fixing latches

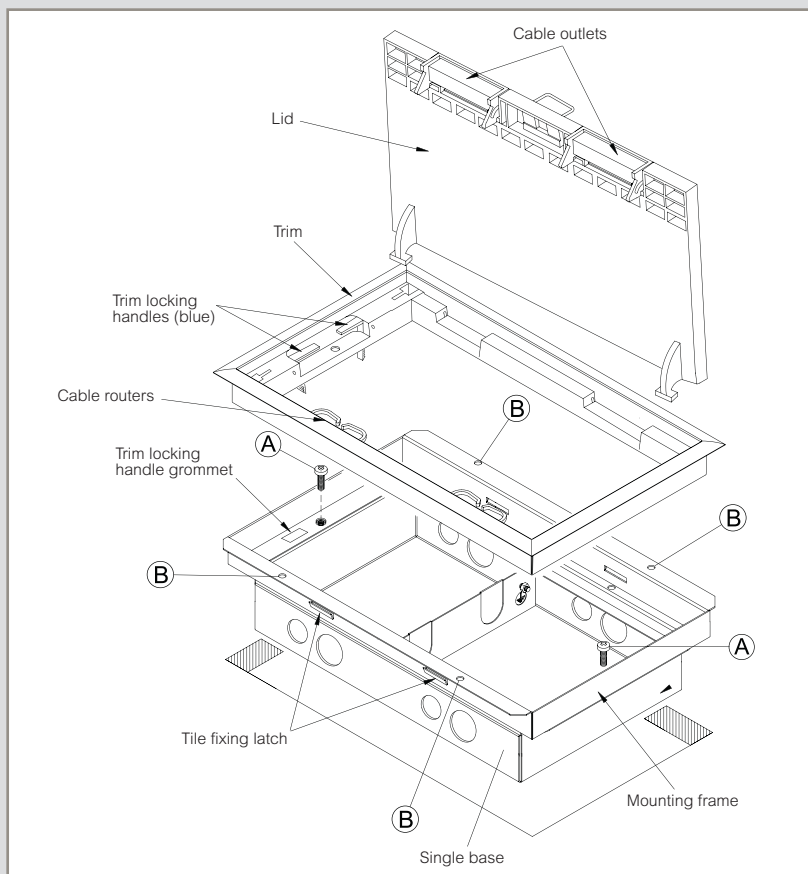


Fitting lid and trim

3

Lid and trim is a simple push fit
1 The ratchets allow the trim to find its own level on top of the final floor finish
2 To remove, lift out by releasing the blue locking handles

FOR SAFETY : All cables exiting boxes must be positioned into the cable routers on box trim and exit box via cable outlets
Lid and lid handle must always be placed in the closed positions
When using metal lid and trims, the lifting device at the centre of the lid is not to be used as a cable exit



Opening lid to an angle of 30° and lifting upwards will detach lid from trim. Inserting lid into the opposite side of trim will change direction of the lid

Cable routers can also be removed and attached to opposite side of trim

A) Base can be detached from mounting frame by releasing screws (A)
This enables the base to be connected to the services and left under floor tiles for protection until the carpet, lid and trim are fitted

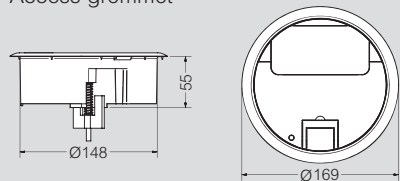
B) Box can be screw fitted to floor tile by using holes (B) in mounting frame
(If hole in tile is outside maximum tolerance Use 4 x No.8 25 mm self tapping screws)

cavity floor grommets

technical information

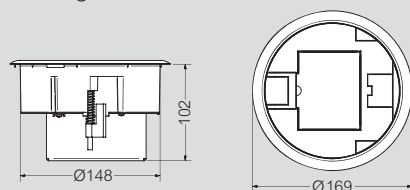
■ 150 mm plastic grommets

Access grommet



Cat. No. SG6

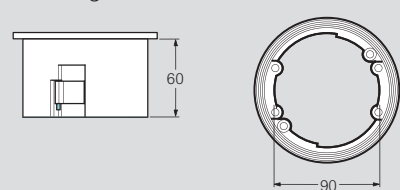
Power grommet



Cat. No. PG6

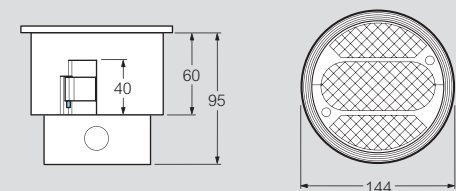
■ 125 mm aluminium grommets

Access grommet



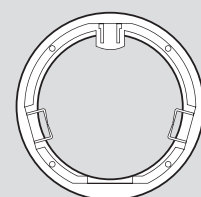
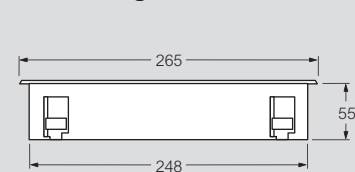
Cat. No. 089307

13 A power grommet



Cat. No. AM1C

■ 250 mm grommet



Cat. No. LSG2

NEW

The powertrack 63A compact busbar system is available in standard, clean earth and dual circuit versions.

- Fast, simple installation
- Push-fit connections
- Easily reconfigured





Legrand's new powertrack system is the fast fit, versatile choice to supply power in cavity floors.

Reliable, push-fit connections make the system easy to install and reconfigure and, when used with a Soluflex cavity floor system, it creates a flexible cable management system that can adapt to changing requirements.

POWERTRACK

reliable, flexible workspace power



STANDARD

Two bar and earth powertrack system

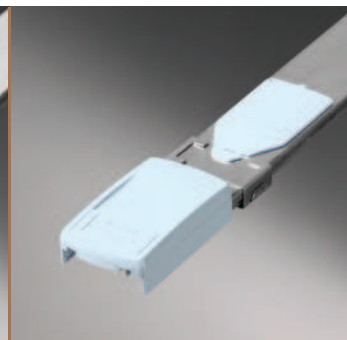
See page p. 35



CLEAN EARTH

Three bar and earth powertrack system including an independent clean earth copper bar

See page p. 36



DUAL CIRCUIT

Five bar and earth powertrack system incorporating both standard and clean earth systems within one enclosure

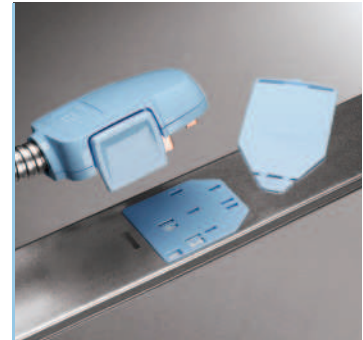
See page p. 37

THE POWER TO DELIVER

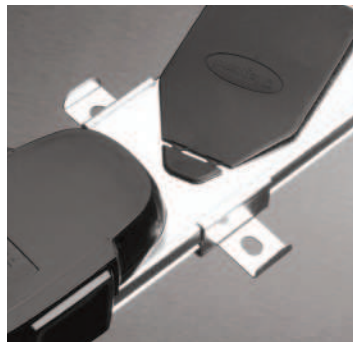
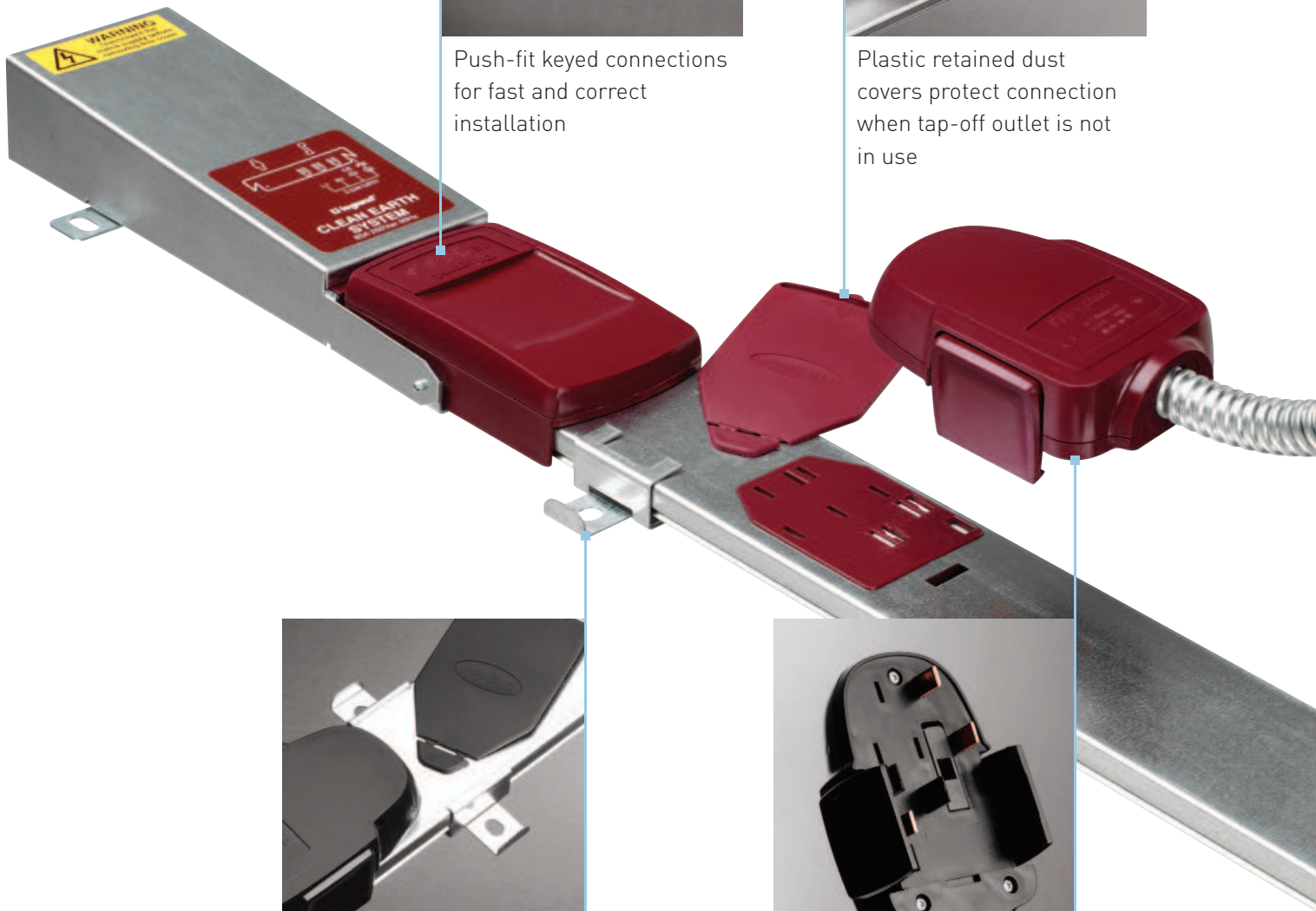
Innovative design makes Legrand's powertrack system the quick fit choice for supplying power under the floor



Push-fit keyed connections for fast and correct installation



Plastic retained dust covers protect connection when tap-off outlet is not in use



Integral fixing brackets secure track runs to the floor



Accessible fuse holder for an easy fuse change

NEW

Legrand powertrack system

standard (black)

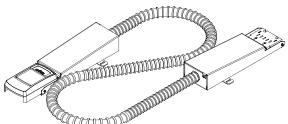
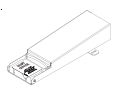
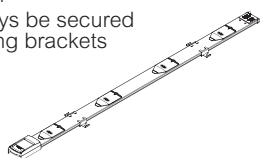
Standard powertrack integral track connectors, tap-off outlets and tap-off units are coloured black for easy identification



Dimensions and technical information p. 40-45

Two bar and earth 63 A powertrack system

Pack	Cat. Nos.	Track lengths and feeder unit
		Standard track lengths 300 mm socket pitch Track lengths fit together using the integral connectors on each length Track lengths should always be secured using the integral floor fixing brackets
1	820712	1.2 m, 4 tap-off outlets
1	820718	1.8 m, 6 tap-off outlets
1	820730	3.0 m, 10 tap-off outlets
		Standard feeder unit 25 mm cable entry Terminal capacity 16 mm ² maximum
1	820701	
		Flexible bend Standard flexible bend Comprises a length of 25 mm conduit with a plug-in feed at each end, pre-wired with 10 mm ² tri-rated cable Cable length = 1.2 m
1	820702	



Pack	Cat. Nos.	Standard tap-off units
		Tap-off length refers to the cable and not the conduit length Unfused 32 A tap-off units in excess of 3 m should only be used if the track is protected by a protective device not exceeding 32 A These tap-off units can also be used with the dual circuit powertrack system (p. 37)
		13 A fused 16 mm Ø – 1.5 mm ² L, N, PE 3 m 5 m
1	820732	
1	820752	
		13 A fused – high integrity 543-7 16 mm Ø – 1.5 mm ² L, N, - 4 mm ² PE 3 m 5 m
1	820734	
1	820754	
		32 A unfused 16 mm Ø – 4 mm ² L, N, PE 3 m 5 m
1	820738	
1	820758	
		Accessory Arena-Walsall to Legrand adaptor Flexible adaptor unit to connect Arena-Walsall powertrack system to the new Legrand system
1	820703	Standard adaptor 1.2 m

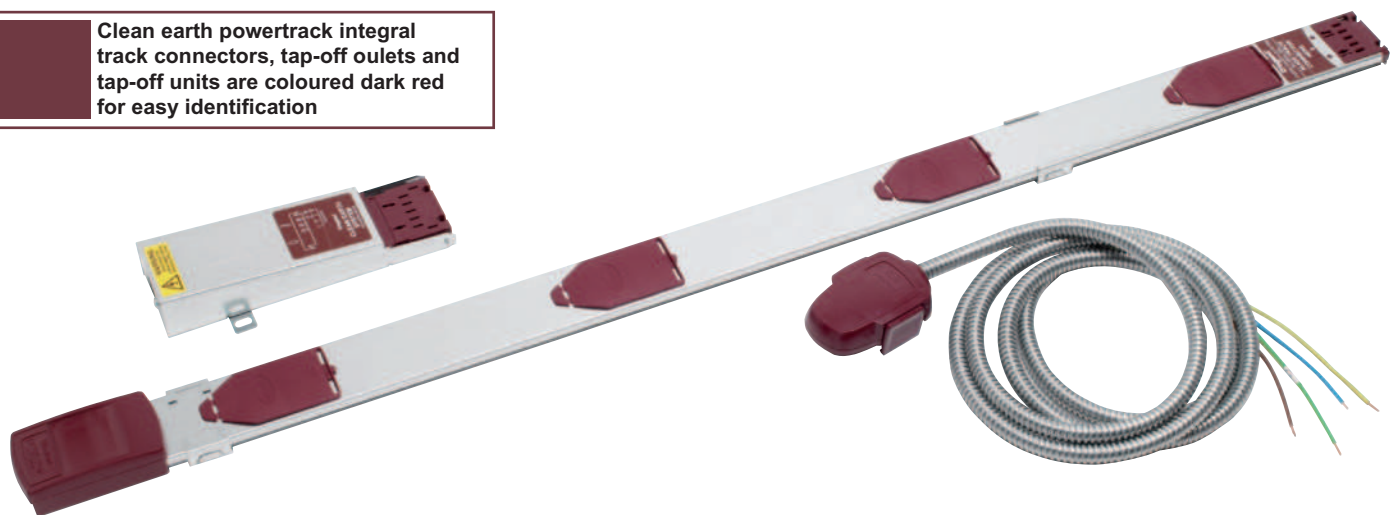


For pre-wired floor boxes and slab boxes p. 38-39

Legrand powertrack system

clean earth (dark red)

Clean earth powertrack integral track connectors, tap-off outlets and tap-off units are coloured dark red for easy identification



Dimensions and technical information p. 40-45

63 A powertrack system including an independent clean earth copper bar

Pack	Cat. Nos.	Track lengths and feeder unit
		Clean earth track lengths 300 mm socket pitch Track lengths fit together using the integral connectors on each length Track lengths should always be secured using the integral floor fixing brackets
1	820812	1.2 m, 4 tap-off outlets
1	820818	1.8 m, 6 tap-off outlets
1	820830	3.0 m, 10 tap-off outlets
		Clean earth feeder unit 25 mm cable entry Terminal capacity 16 mm ² maximum
1	820801	
		Flexible bend Clean earth flexible bend Comprises a length of 25 mm conduit with a plug-in feed at each end, pre-wired with 10 mm ² tri-rated cable Cable length = 1.2 m
1	820802	

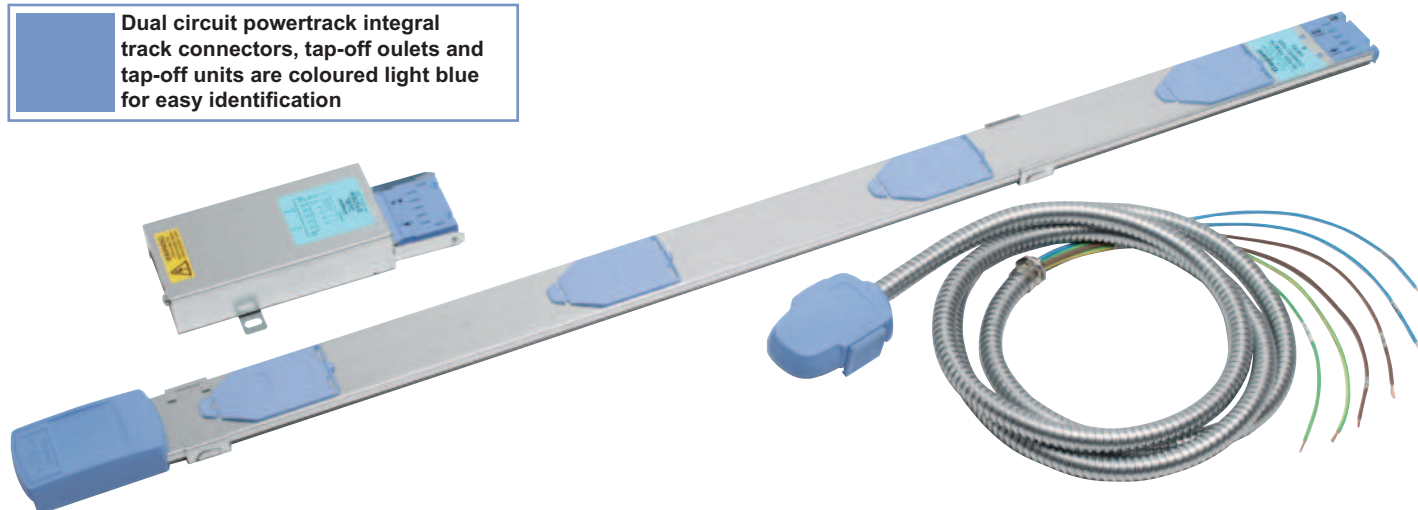
Pack	Cat. Nos.	Clean earth tap-off units
		Tap-off length refers to the cable and not the conduit length Unfused 32 A tap-off units in excess of 3 m should only be used if the track is protected by a protective device not exceeding 32 A These tap-off units can also be used with the dual circuit powertrack system (p. 37)
		13 A fused 16 mm Ø – 1.5 mm ² L, N, PE, CE
1	820832	3 m
1	820852	5 m
		13 A fused – high integrity 543-7 16 mm Ø – 1.5 mm ² L, N, - 4 mm ² PE, CE
1	820834	3 m
1	820854	5 m
		32 A unfused 16 mm Ø – 4 mm ² L, N, PE, CE
1	820838	3 m
1	820858	5 m
		Accessory Arena-Walsall to Legrand adaptor Flexible adaptor unit to connect Arena-Walsall powertrack system to the new Legrand system
1	820803	Clean earth adaptor 1.2 m

NEW

Legrand powertrack system

dual circuit (light blue)

Dual circuit powertrack integral track connectors, tap-off outlets and tap-off units are coloured light blue for easy identification



Dimensions and technical information p. 40-45

63 A powertrack system incorporating both standard and clean earth systems within one enclosure

Pack	Cat. Nos.	Track lengths and feeder unit
		Dual circuit track lengths 300 mm socket pitch Track lengths fit together using the integral connectors on each length Track lengths should always be secured using the integral floor fixing brackets
1	820912	1.2 m, 4 tap-off outlets
1	820918	1.8 m, 6 tap-off outlets
1	820930	3.0 m, 10 tap-off outlets
		Dual circuit feeder unit 2 x 25 mm cable entry Terminal capacity 16 mm ² maximum
1	820901	
		Flexible bend Dual circuit flexible bend Comprises a length of 25 mm conduit with a plug-in feed at each end, pre-wired with 10 mm ² tri-rated cable Cable length = 1.2 m
1	820902	

Pack	Cat. Nos.	Dual circuit tap-off units
		Tap-off length refers to the cable and not the conduit length Unfused 32 A tap-off units in excess of 3 m should only be used if the track is protected by a protective device not exceeding 32 A
1	820938	Dual circuit 32 A unfused 20 mm Ø – 4 mm ² L1, N1, CE, L2, N2, PE
1	820958	3 m
1	820958	5 m
		Standard tap-off units
		Standard 13 A fused 16 mm Ø – 1.5 mm ² L, N, PE
1	820732	3 m
1	820752	5 m
		Standard 13 A fused – high integrity 543-7 16 mm Ø – 1.5 mm ² L, N, - 4 mm ² PE
1	820734	3 m
1	820754	5 m
		Standard 32 A unfused 16 mm Ø – 4 mm ² L, N, PE
1	820738	3 m
1	820758	5 m
		Clean earth tap-off units
		Clean earth 13 A fused 16 mm Ø – 1.5 mm ² L, N, PE, CE
1	820832	3 m
1	820852	5 m
		Clean earth 13 A fused – high integrity 543-7 16 mm Ø – 1.5 mm ² L, N, - 4 mm ² PE, CE
1	820834	3 m
1	820854	5 m
		Clean earth 32 A unfused 16 mm Ø – 4 mm ² L, N, PE, CE
1	820838	3 m
1	820858	5 m
		Accessory
		Arena-Walsall to Legrand adaptor Flexible adaptor unit to connect Arena-Walsall powertrack system to the new Legrand system
1	820903	Dual circuit adaptor 1.2 m

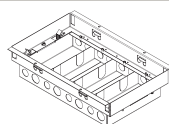
For pre-wired floor boxes and slab boxes p. 38-39

pre-wired cavity floor service outlet boxes

NEW

configuration table for standard tap-off units

The table below details the elements required to correctly order a pre-wired floor box or slab box
 Lid and trim to be ordered separately **p. 27**
 Simply suffix the service outlet box Cat. No. with the relevant "PW..." Cat. No. from the table, eg :
 4 compartment cavity floor box, 110 mm deep (Cat. No. CAV4110) pre-wired with 1 x standard twin switched socket (Cat. No. SP3201) to a 3 m 13 A fused standard tap-off (Cat. No. 820732) = CAV4110PW11



Service outlet box (eg. CAV4110)

CAV4110

+



Standard tap-off unit (eg. 3 m 13 A fused 820732)

+



Socket outlet plates (eg. SP3201)

PW11

Choose your service outlet box

Cavity floor service outlet boxes	Depth	1 compartment	2 compartment	3 compartment	4 compartment
	75 mm	–	CAV275	CAV375	CAV475
	85 mm	CAV185	CAV285	CAV385	CAV485
	110 mm	–	CAV2110	CAV3110	CAV4110
Slab floor box		SLAB1	SLAB2	SLAB3	SLAB4

Choose your tap-off and socket outlet plates

Standard tap-off unit	3 m			5 m		
	13 A Fused	32 A Unfused	13 A High integrity	13 A Fused	32 A Unfused	13 A High integrity
Cat. Nos.	820732	820738	820734	820752	820758	820754
1 x 13 A standard socket outlet						
13 A twin switched socket plate	PW11	PW12	PW13	PW14	PW15	PW16
13 A twin unswitched socket plate	PW17	PW18	PW19	PW110	PW111	PW112
13 A triple unswitched socket plate ¹	PW119	PW120	PW121	PW122	PW123	PW124
2 x 13 A standard socket outlets						
13 A twin switched socket plate ¹	PW21	PW22	PW23	PW24	PW25	PW26
13 A twin unswitched socket plate ¹	PW27	PW28	PW29	PW210	PW211	PW212
13 A triple unswitched socket plate ¹	PW219	PW220	PW221	PW222	PW223	PW224
3 x 13 A standard socket outlets						
13 A twin switched socket plate ¹	PW31	PW32	PW33	PW34	PW35	PW36
13 A twin unswitched socket plate ¹	PW37	PW38	PW39	PW310	PW311	PW312
13 A triple unswitched socket plate ¹	PW319	PW320	PW321	PW322	PW323	PW324
1 x 13 A non-standard socket outlet						
13 A twin NS switched socket plate	PW131	PW132	PW133	PW134	PW135	PW136
2 x 13 A non-standard socket outlets						
13 A twin NS switched socket plate ¹	PW231	PW232	PW233	PW234	PW235	PW236
3 x 13 A non-standard socket outlets						
13 A twin NS switched socket plate ¹	PW331	PW332	PW333	PW334	PW335	PW336
1 x RCD socket outlet						
2 gang RCD socket plate ¹	PW149	PW150	PW151	PW152	PW153	PW154
2 x RCD socket outlets						
2 gang RCD socket plate ¹	PW249	PW250	PW251	PW252	PW253	PW254
3 x RCD socket outlets						
2 gang RCD socket plate ¹	PW349	PW350	PW351	PW352	PW353	PW354

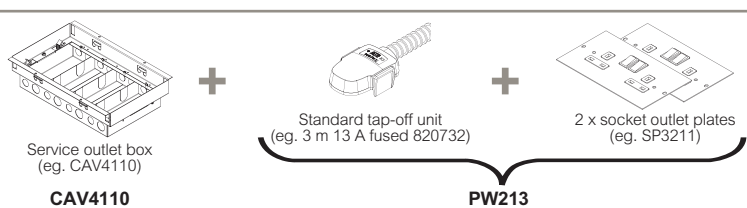
1: Where boxes are supplied with a single tap-off unit and contain more than 2 x single socket outlets, the loading of the service box must not exceed 32 A

pre-wired cavity floor service outlet boxes

NEW

configuration table for clean earth tap-off units

The table below details the elements required to correctly order a pre-wired floor box or slab box
 Lid and trim to be ordered separately **p. 27**
 Simply suffix the service outlet box Cat. No. with the relevant "PW..." Cat. No. from the table, eg :
 4 compartment cavity floor box, 110 mm deep (Cat. No. CAV4110) pre-wired with 2 x clean earth twin switched sockets (Cat. No. SP3211) to a 3 m 13 A fused clean earth tap-off (Cat. No. 820832) = CAV4110PW213



Choose your service outlet box					
Cavity floor service outlet boxes	Depth	1 compartment	2 compartment	3 compartment	4 compartment
	75 mm	–	CAV275	CAV375	CAV475
	85 mm	CAV185	CAV285	CAV385	CAV485
	110 mm	–	CAV2110	CAV3110	CAV4110
Slab floor box		SLAB1	SLAB2	SLAB3	SLAB4

Choose your tap-off and socket outlet plates						
Clean earth tap-off unit	3 m			5 m		
	13 A Fused	32 A Unfused	13 A High integrity	13 A Fused	32 A Unfused	13 A High integrity
Cat. Nos.	820832	820838	820834	820852	820858	820854
1 x 13 A clean earth socket outlet						
13 A twin switched socket plate	PW113	PW114	PW115	PW116	PW117	PW118
13 A triple unswitched socket plate ¹	PW125	PW126	PW127	PW128	PW129	PW130
2 x 13 A clean earth socket outlets						
13 A twin switched socket plate ¹	PW213	PW214	PW215	PW216	PW217	PW218
13 A triple unswitched socket plate ¹	PW225	PW226	PW227	PW228	PW229	PW230
3 x 13 A clean earth socket outlets						
13 A twin switched socket plate ¹	PW313	PW314	PW315	PW316	PW317	PW318
13 A triple unswitched socket plate ¹	PW325	PW326	PW327	PW328	PW329	PW330
1 x 13 A non-standard clean earth socket outlet						
13 A twin NS switched socket plate	PW143	PW144	PW145	PW146	PW147	PW148
2 x 13 A non-standard clean earth socket outlets						
13 A twin NS switched socket plate ¹	PW243	PW244	PW245	PW246	PW247	PW248
3 x 13 A non-standard clean earth socket outlets						
13 A twin NS switched socket plate ¹	PW343	PW344	PW345	PW346	PW347	PW348
1 x 13 A RCD clean earth socket outlet						
2 gang RCD socket plate ¹	PW155	PW156	PW157	PW158	PW159	PW160
2 x 13 A RCD clean earth socket outlets						
2 gang RCD socket plate ¹	PW255	PW256	PW257	PW258	PW259	PW260
3 x 13 A RCD clean earth socket outlets						
2 gang RCD socket plate ¹	PW355	PW356	PW357	PW358	PW359	PW360

¹: Where boxes are supplied with a single tap-off unit and contain more than 2 x single socket outlets, the loading of the service box must not exceed 32 A

Standards

IET Wiring Regulations

The Legrand powertrack system is suitable for installation to BS 7671 : 2001 or BS 7671 : 2008 + A1 : 2011 Requirements for Electrical Installations

Legrand powertrack system allows compliance with regulation 543.7, BS 7671 : 2008 and Section 607, BS 7671 : 2001.

However, this requirement must be stated at the time of order to ensure the correct system components are selected. See installations having high protective conductor currents (see below for further information)

Earth fault loop impedance

BS 7671 : 2008 + A1 : 2011 IET Wiring Regulations require accurate determination of the total earth loop impedance, which must be sufficiently low to allow the protective device to operate within the specified time, which for socket outlets is 0.4 seconds. The values relevant to Legrand for calculating the earth fault loop impedance are shown in the electrical test data table, see **p. 41**

Installations having high protective conductor currents

Section 543.7, BS 7671 : 2008 + A1 : 2011 (formerly Section 607, BS 7671 : 2001)

To comply with this particular requirement, care should be taken when selecting the tap-off units

Unfused tap-off units comply without the need for additional earth conductors

Fused tap-off units would normally have 1.5 mm² earth conductors. To meet this requirement the "High Integrity 543.7" tap-off units should be specified. The 1.5 mm² earth conductors in these tap-off units are replaced with 4 mm² conductors

These tap-off units then comply with 543.7.1.103(ii), "a single copper protective conductor having a cross-sectional area of not less than 4 mm², complying with the requirements of regulations 543.2 and 543.3, the protective conductor being enclosed to provide additional protection against mechanical damage, for example, within a flexible conduit"

Tap-off units

Section 434.2 of the Wiring Regulations requires conductors to have a fault current protective device (e.g. fuse) at the point where the current carrying capacity is reduced (e.g. tap-off unit)

32 A unfused 3 m tap-off units are designed to comply with regulation 434.2.1 of the IET Wiring Regulations by virtue of the following :

- maximum length of cable is 3 m
- it is factory assembled and fully tested item with cable installed in high quality flexible conduit

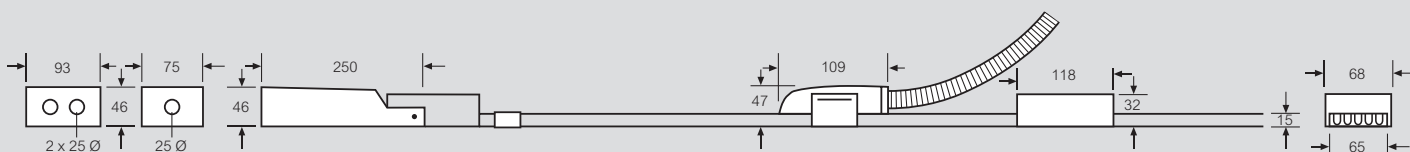
Unfused tap-off units comprise of either 16 mm or 20 mm diameter flexible metal conduit with integral 4 mm² LSOH conductors

Unfused tap-off units in excess of 3 m should only be used if the powertrack system is protected by a protective device not exceeding 32 A

13 A fused tap-off units are supplied with a BS 1362 13 A fuse fitted within the tap-off unit

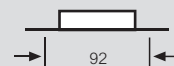
This requirement refers to the total length of the cable and not the conduit, the conduit therefore is approximately 400 mm shorter to allow for the cable in the tap-off unit and the equipment being connected

Dimensions



End view A

End view B



Integral fixing bracket fixing centres

All dimensions (mm) are nominal

Pre-wired floor boxes

If a floor service outlet box, supplied by a single tap-off unit, contains more than 2 x 13 A socket outlets then the total loading of the service outlet box must not exceed 32 A

Unfused 32 A tap-off units in excess of 3 m should only be used if the powertrack system is protected by a protective device not exceeding 32 A

General installation notes

Designed to ensure a fast and simple installation, Legrand's low profile powertrack system has an overall height of just 48 mm including tap-off unit. Available in standard, clean earth and dual circuit versions, tap-off and track connections are key coded to each range, avoiding unintentional connection of non-compatible system components.

Standard and clean earth ranges are not interchangeable, however tap-off units from both of these ranges can be used in the dual circuit range. Powertrack comes in lengths of 1.2 m, 1.8 m or 3 m with tap-off positions provided every 300 mm

Track feeder units have one or two 25 mm Ø holes for cable entries and the terminals are suitable for conductors up to 16 mm²

Track lengths are supplied with integral push-fit connectors

Track lengths should always be secured using the integral floor fixing brackets

Access to power is provided along the track length by simply lifting the plastic dust cover and plugging tap-off units into the shuttered socket outlets

Tap-off units can feed conventional floor service outlet boxes or workstations directly through the floor

These can be easily wired on site, or can be ordered pre-wired, see **p. 38-39**

To provide mechanical protection, 4 mm² or 1.5 mm² insulated conductors are contained in flexible metal conduit

Care must be taken when feeding desks directly from the powertrack system to ensure that the tap-off length is adequate

The dual circuit powertrack system incorporates both standard and clean earth systems within one enclosure

Tap-off units from all three ranges can be used in the dual circuit system

Legrand powertrack systems

technical data (continued)

■ Specification / technical data

Electrical data	
Rated current	63 A
Rated voltage	250 V
Frequency	50/60 Hz
Rated conditional short circuit	16 kA
Track conductor resistance – line and neutral	3 mΩ/m
Track conductor impedance	1.5 mΩ/m

Volt drops	
Line and neutral : busbars	3.0 mV/A/m
Tap-off (32 A)	0.4 mV/A
4 mm ² cable	11 mV/A/m
Flexible bend	6.3 mV/A
Feeder unit	0.4 mV/A
Track connector	0.4 mV/A

Earth fault loop impedance	
Busbar conductors	1.5 mΩ/m
Earth busbar conductor	1.5 mΩ/m
Tap-off (32 A)	0.6 mΩ
Earth housing 4 mm ² cable	1.1 mΩ/m
Feeder unit	0.4 mΩ
Track connector	0.6 mΩ
Flexible bend (10 mm ² tri-rated cable)	6.3 mΩ

Mechanical data	
Number of conductors	PE + 2, 3 or 5
Track conductor cross section area	13 mm ²
Incoming cable termination capacity	16 mm ²
Tap-off cable 32 A unfused	4 mm ²
Tap-off cable 13 A fused	L/N : 1.5 mm ²
Tap-off conduit	16 mm/20 mm diameter
Feeder entry	1 x 25 mm or 2 x 25 mm diameter
IP rating	IP 40 (when fully assembled)
Maximum profile height	48 mm including tap-off

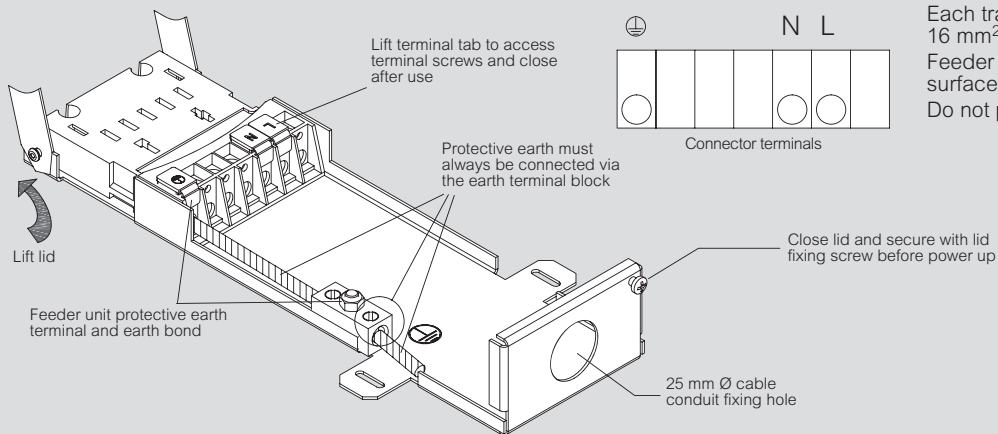
Material specification	
Track housing	Galvanised steel
Track conductors	High conductivity copper
Track insulator	PTFE
Outlets, track connectors, track ends	Flame retardant polycarbonate
Tap-off plugs	Flame retardant polycarbonate
Track shutters	Acetal
Tap-off / flexible bend cable	LSOH to BS 7211
Tap-off / feeder and connector pins	Copper

Legrand powertrack systems

technical data (continued)

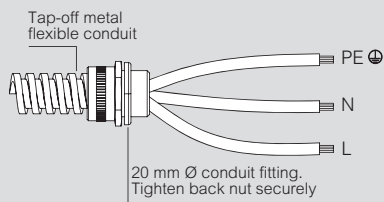
Product configuration – standard

Standard feeder unit (Cat. No. 820701) Sub-cabling



Each track feed is suitable for a conductor up to 16 mm². Tighten all screw terminals securely. Feeder unit box must be securely fixed to surface before conduit or cables are attached to it. Do not power up until track is installed.

Tap-off wiring

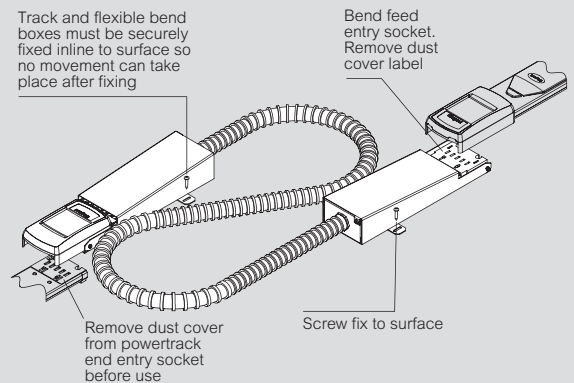


WARNING

Extend metal flexible conduit to its full length before terminating cables. Ensure metal conduit is earth bonded.

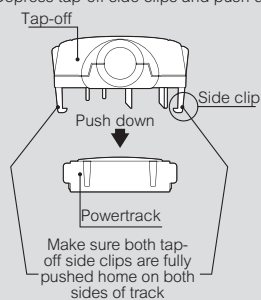
Tap-off lengths are determined by the cable and not conduit length, e.g. a 3 m tap-off has 3 m of cable and approximately 2.6 m of conduit length.

Standard flexible bend (Cat. No. 820702)



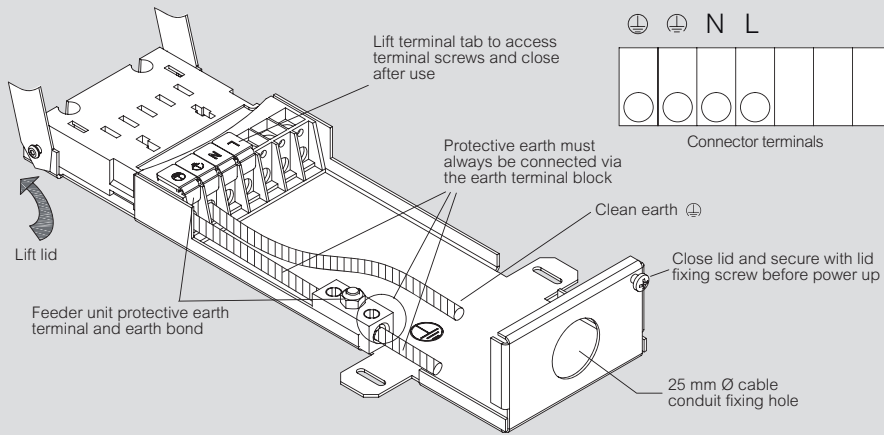
Tap-off unit connection

Depress tap-off side clips and push down



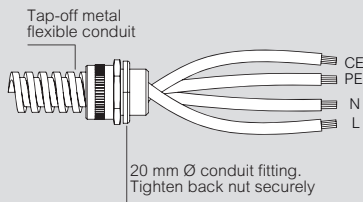
■ Product configuration – clean earth

Clean earth feeder unit (Cat. No. 820801) Sub-cabling



Each track feed is suitable for a conductor up to 16 mm². Tighten all screw terminals securely. Feeder unit box must be securely fixed to surface before conduit or cables are attached to it. Do not power up until track is installed.

Tap-off wiring

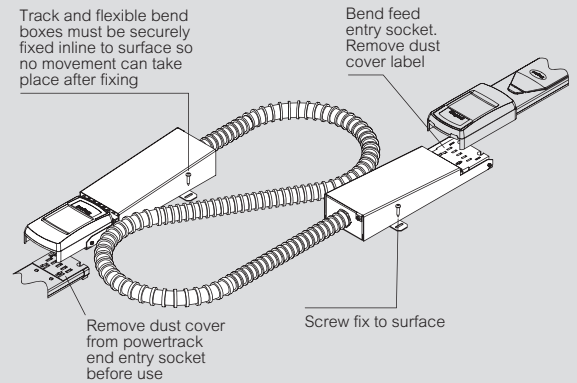


WARNING

Extend metal flexible conduit to its full length before terminating cables. Ensure metal conduit is earth bonded.

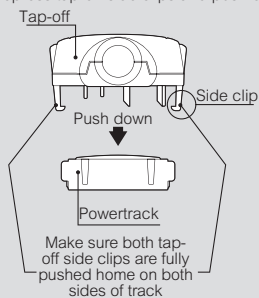
Tap-off lengths are determined by the cable and not conduit length, e.g. a 3 m tap-off has 3 m of cable and approximately 2.6 m of conduit length.

Clean earth flexible bend (Cat. No. 820802)



Tap-off unit connection

Depress tap-off side clips and push down

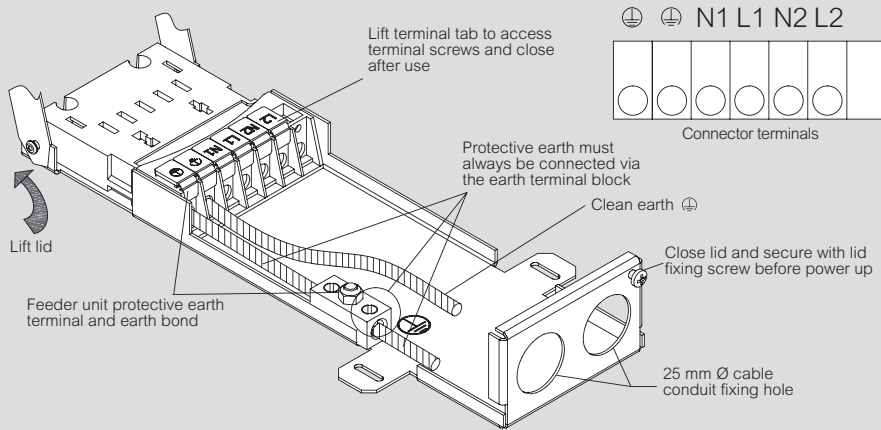


Legrand powertrack systems

technical data (continued)

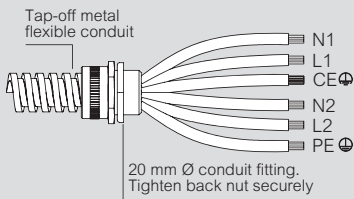
Product configuration – dual circuit

Dual circuit feeder unit (Cat. No. 820901) Sub-cabling



Each track feed is suitable for a conductor up to 16 mm². Tighten all screw terminals securely. Feeder unit box must be securely fixed to surface before conduit or cables are attached to it. Do not power up until track is installed.

Tap-off wiring

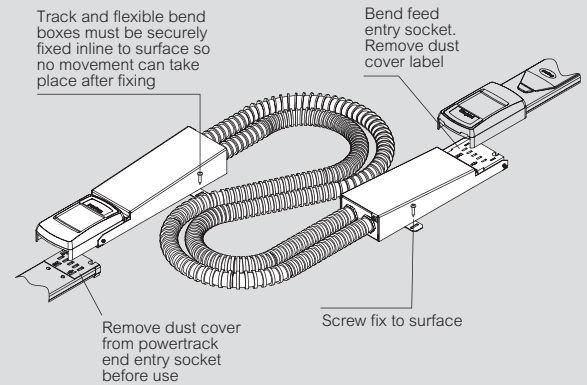


WARNING

Extend metal flexible conduit to its full length before terminating cables. Ensure metal conduit is earth bonded.

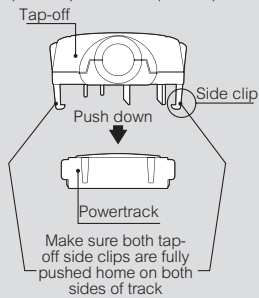
Tap-off lengths are determined by the cable and not conduit length, e.g. a 3 m tap-off has 3 m of cable and approximately 2.6 m of conduit length.

Dual circuit flexible bend (Cat. No. 820902)



Tap-off unit connection

Depress tap-off side clips and push down



Legrand powertrack systems

installation instructions

1 Fix feeder unit to surface

Fit feeder unit to surface first

Feeder unit

Direction of track run

Make chalk line to align track lengths

	Standard powertrack plug-in code
	Clean earth powertrack plug-in code
	Dual circuit powertrack plug-in code

2 Connect track length to feeder unit

Integral track connector

Track length

Remove dust cover

Push down

Push down

Make sure track connector clips are fully pushed home on both sides of track

Powertrack and integral track connector

Feeder unit

Remove dust cover before connecting track connector

3 Connect additional track lengths

First track fixing bracket

Tap-off outlets reusable plastic dust covers

4 Secure track lengths to surface

Pull out track fixing bracket lugs and screw fix on both sides

All integral track fixing brackets must be fixed to surface at 1.2 m fixing centres from first bracket on each track length

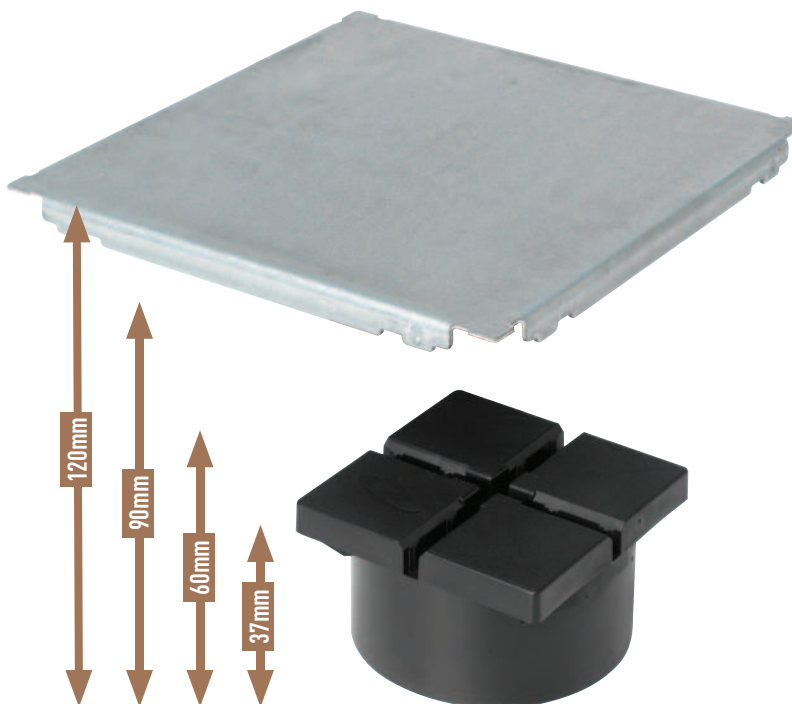
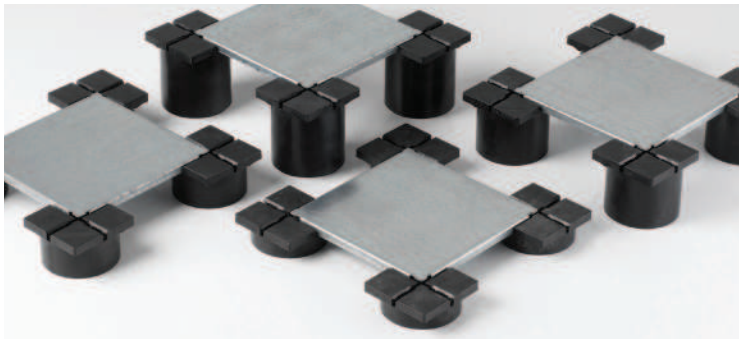
NOTE
Track fixing brackets are for slab mounting only

SOLUFLEX[®]

innovative cable management flooring

Soluflex is much more than just a raised floor, it's a quick and simple to install cable management solution.

This innovative system integrates low-level flooring with Legrand's market leading cable management ranges, allowing cables for power, data and communication to be structured in a logical, ready to use layout that remains hidden to end users.



NEW SIZES ALSO AVAILABLE - 50, 70, 80 and 150mm
Contact us on: +44 (0) 870 608 9020





PERFECT PARTNERS

Soluflex has been designed to integrate perfectly with Legrand's market leading cable management ranges and wiring accessories...

From ultra-compact powertrack systems to Cablofil steel wire cable tray, and from cavity floor boxes to Arteor power and data sockets, every solution can be installed in or under the floor using Soluflex.

QUICK AND EASY INSTALLATION

You don't have to be a flooring expert to install Soluflex. It's simply a question of placing supports on the floor and then clicking the durable steel tiles into place (without the need for glue or fixings).



Once the floor has been laid, the required cabling and connections can be installed between the supports by removing the relevant tiles until cabling is complete. The finished installation can then be covered with any type of covering... carpet tiles, rubber, stone or wood. And if the office layout changes, or even relocates, Soluflex can be reconfigured and reused.

IDEAL FOR RENOVATION

Ideal for use in existing buildings, Soluflex's non-invasive installation technique avoids damaging historic floors and includes a specially developed, ultra low 37 mm system... the perfect lightweight solution to bring older buildings into the 21st century without compromising floor to ceiling height.

Soluflex[®] cavity floor system

selection chart

Height (mm)	Tile	Support	Double edge plate	Single edge plate	Step	Step corner	Ramp	Earthing tile
37	84000 10	84037 00	84000 60	84000 61	84037 22	84037 30	84037 40	84000 20
60	84000 10	84060 00	84000 60	84000 61	84060 22	84060 30	84060 40	84000 20
90	84000 10	84090 00	84000 60	84000 61	84090 22	84090 30	84090 40	84000 20
120	84000 10	84120 00	84000 60	84000 61	84120 22	84120 30	84120 40	84000 20

Height (mm)	Floor box tile	Floor box lid + trim	3 comp. twin socket module	4 comp. twin socket module	3 comp. blank module	4 comp. blank module	3 comp. data module	4 comp. data module
37	-	-	-	-	-	-	-	-
60	84090 81	8218 21	8218 22	8218 23	8218 24	8218 25	8218 26	8218 27
90	84090 81	8218 21	8218 22	8218 23	8218 24	8218 25	8218 26	8218 27
120	84090 81	8218 21	8218 22	8218 23	8218 24	8218 25	8218 26	8218 27



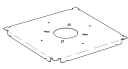





1 : For use with accessory outlet tile or cable outlet tile
 2 : For use with accessory outlet tile. Standard version shown. Requires back box, Cat. No. 8218 30. Other configurations available to special order.
 Contact us on +44 (0) 870 608 9020



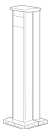
■ Floor boxes with lid and trim assemblies :

Suitable for 60, 90 and 120 mm systems

Specials also available, including RCD and RCBO options to comply with 17th Edition requirements



Cable outlet tile	Chrome outlet grommet	Accessory outlet tile	Fixing bracket	Semi-submerged power unit 2 x 240 V (empty)	Semi-submerged data unit 2 x 2 data (empty)	Fully submerged power unit 2 x 240 V (empty)	Fully submerged data unit 2 x 2 data (empty)
							
84000 30	81902 32	84000 40	84000 50	84037 50	84037 51	-	-
84000 30	81902 32	84000 40	84000 50	-	-	84060 72	84060 73
84000 30	81902 32	84000 40	84000 50	-	-	-	-
84000 30	81902 32	84000 40	84000 50	-	-	-	-

Cable snake – grey ¹	Cable snake – black ¹	Power pole ²
		
81906 40	81906 41	86502 10
81906 40	81906 41	86502 10
81906 40	81906 41	86502 10
81906 40	81906 41	86502 10



Now also available in 50, 70, 80 and 150 mm heights

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■ Cable snake

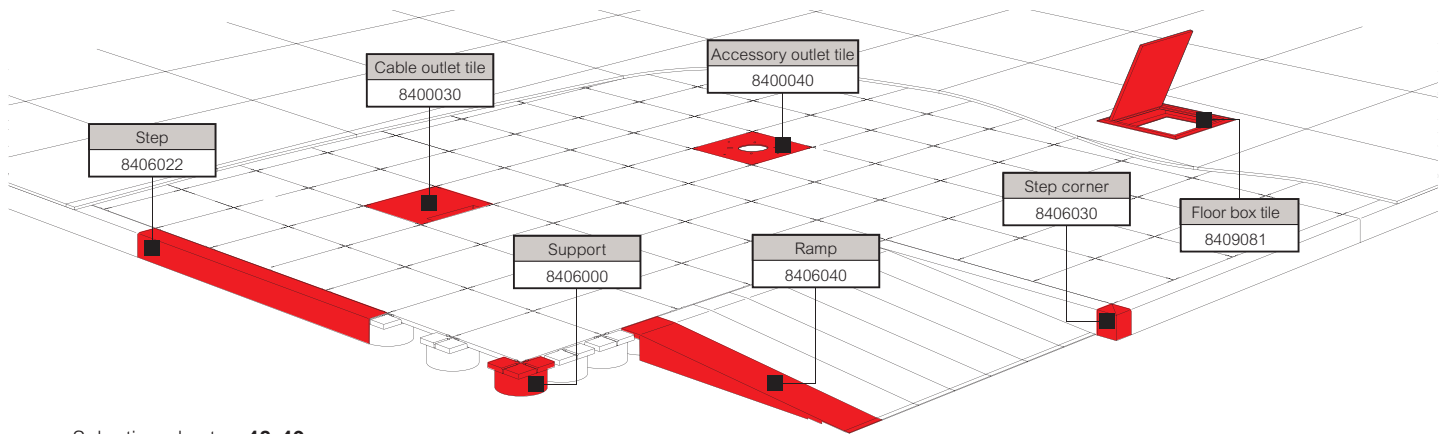
The cable snake creates neat, tidy work spaces by concealing cables between the floor and the desk.
For more information, contact us on +44 (0) 870 608 9020



■ Power pole

Multiple configurations available to special order
Contact us on +44 (0) 870 608 9020





Selection chart **p. 48-49**
 Installation instructions **p. 53**
 Dimensions **p. 54-55**

Cable management floor system
 225 x 225 mm tiles manufactured from pre-galvanised steel with
 13 mm return
 Integrated earthing design
 Click fit, no fixings required
 Supports manufactured from recycled polypropylene

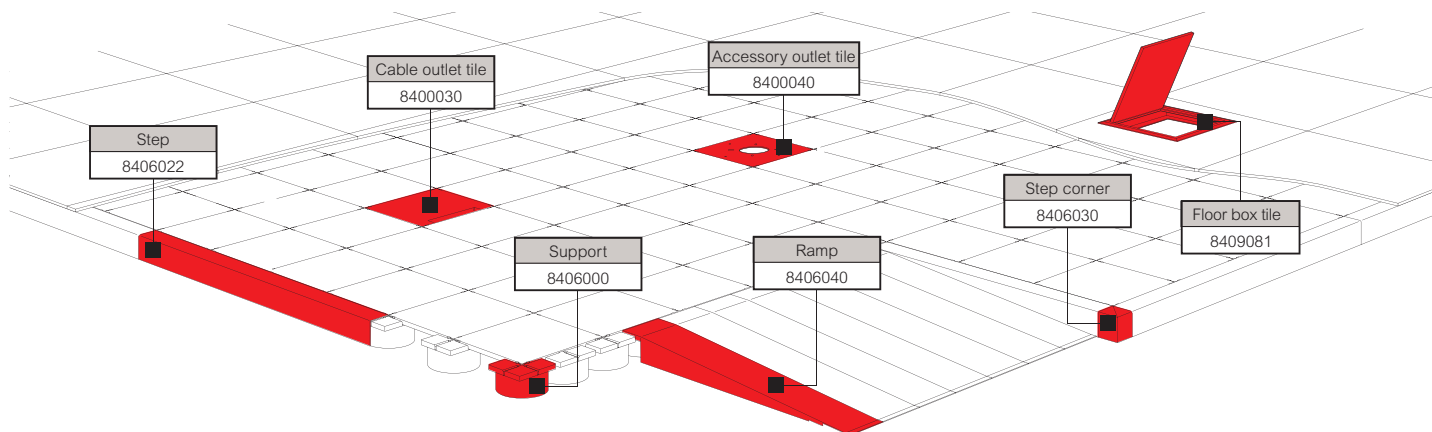
Pack	Cat. Nos.	Floor components
1	8400010	Tile 225 x 225 mm floor tile
1	8403700	Floor supports 37 mm height (35 mm support – 37 mm inc. tile)
1	8406000	60 mm height (58 mm support – 60 mm inc. tile)
1	8409000	90 mm height (88 mm support – 90 mm inc. tile)
1	8412000	120 mm height (118 mm support – 120 mm inc. tile)
1	8400020	Earthing tile 225 x 225 mm Earthing clamp 6 mm ² (max.) 1 earthing tile per 100 mm ²
1	8400060	Edge plates Used to finish installation against wall Trim to size on site 900 x 300 mm double edge plate
1	8400061	900 x 300 mm single edge plate
1	8403722	Step Width 900 mm Height (mm)
1	8406022	37
1	8409022	60
1	8412022	90


Pack	Cat. Nos.	Floor components (continued)
1	8403730	Step corner Width 900 mm Height (mm)
1	8406030	37
1	8409030	60
1	8412030	90
1	8412040	120
1	8403740	Ramp 10% incline Height (mm)
1	8406040	37
1	8409040	60
1	8412040	90
1	8412040	120
		Length (mm)
		400
		616
		898
		1181
		Width (mm)
		112
		112
		112

Now also available in 50, 70, 80 and 150 mm heights
Contact us on +44 (0) 870 608 9020

Soluflex®

ultra low cavity floor system (continued)




 Selection chart **p. 48-49**
 Installation instructions **p. 53**
 Dimensions **p. 54-55**

Cable management floor system
 225 x 225 mm tiles manufactured from pre-galvanised steel with
 13 mm return
 Integrated earthing design
 Click fit, no fixings required
 Supports manufactured from recycled polypropylene

Pack	Cat. Nos.	Floor box for 60, 90 and 120 mm high systems only
1	8409081	Floor box 450 x 450 mm floor box tile
1	821821	Floor box lid and trim
		Outlet plate options
1	821822	3 compartment twin switched socket module
1	821824	3 compartment blank module
1	821826	3 compartment data module (4 x 37 x 22 mm cut-outs)
1	821823	4 compartment twin switched socket module
1	821825	4 compartment blank module
1	821827	4 compartment data module (4 x 37 x 22 mm cut-outs)
		Outlet solutions for 37 mm high systems
1	8403750	Semi-submerged 37 mm power outlet to accept 2 x Arteor double modules ¹
1	8403751	37 mm data outlet to accept 2 x Arteor double modules ¹
		Outlet solutions for 60 mm high systems
1	8406072	Fully submerged 60 mm power outlet to accept 2 x Arteor double modules ¹
1	8406073	60 mm data outlet to accept 2 x Arteor double modules ¹

Pack	Cat. Nos.	Universal outlets
1	8400040	Accessory outlet tile 225 x 225 mm Used to fix power poles, cable snake or grommets
1	8650210	Aluminium power pole 670 mm high
1	821830	Single power pole back box
1	8400050	Accessory outlet tile fixing bracket
		Accessories
1	8190232	Chrome outlet grommet
1	8190640	Grey cable snake
1	8190641	Black cable snake
1	8400030	Cable outlet tile

1: For Arteor modules, refer to the latest Wiring Devices catalogue

Soluflex® cavity floor system

technical information

■ Specification / technical data

Construction

The Soluflex cable floor system is constructed of a raised floor of tiles and supports with integrated cabling and connection points for telecoms, power and data

Materials

- The tiles are manufactured from pre-galvanised sheet steel in accordance with BS EN 10326
- The supports are made of polypropylene. Inflammability class B2 according to DIN 4102

Weights and measures

- Dimensions of tiles : 225 x 225 mm
- 4 different heights : 37 mm, 60 mm, 90 mm, 120 mm
Other heights available on request (50, 70, 80 and 150 mm)
- Weight of the Soluflex cable floor system : approx. 20 kg per m²

■ Load bearing data

- Point load per tile/support : 1 500 Newton/25 mm²
- Equal divided load of 3 000 kg per m²
- Minimum safety factor : V = 1.71

■ Sound measurements

The sound measurements have been carried out in the laboratory of consultancy firm Peutz & Associates. The complete report can be obtained from our sales department

Acoustic

- **Flanking airborne sound insulation in accordance with ISO 717-1 : 1996**

Tested according to ISO 140-12 : 2000

Soluflex cable floor system + carpet tiles, without mineral wool underneath the partition wall : D_{n,f,w} = 48 dB

Soluflex cable floor system + carpet tiles, with mineral wool underneath the partition wall : D_{n,f,w} = 48 dB

- **Flanking impact sound insulation in accordance with ISO 717-2 : 1996**

Tested in accordance to ISO 140-12 : 2000

Soluflex cable floor system + carpet tiles, without mineral wool underneath the partition wall : L_{n,f,w} = 49 dB

Soluflex cable floor system + carpet tiles, with mineral wool underneath the partition wall : L_{n,f,w} = 39 dB

- **Vertical impact sound insulation improvement in accordance with ISO 717-2 : 1996**

Tested in accordance with ISO 140-8 : 1978

Concrete floor 140 mm + Soluflex

□L_w = 17 dB □I_{lin} = 7 dB

Concrete floor 140 mm + Soluflex + carpet tiles

□L_w = 24 dB □I_{lin} = 12 dB

Tested to : PSA MOB PF2PS/SPU

BS EN 12825 : 2001

Working load : 1.9kN

Ultimate load above 12kN	Deflection under working load	Safety factor	Class of tolerance in manufacture
1	A	3	1

Working load : 2.9kN

Ultimate load above 12kN	Deflection under working load	Safety factor	Class of tolerance in manufacture
1	B	2	1

■ Safety

- Safety against short circuits : Soluflex is earthed (as long as 1 earthing tile is installed per 100 m²)
- Fire resistance : due to its low plenum height Soluflex is self-extinguishing
Tested according to BS EN 13501-1, class B(fl)S1-d0

Other characteristics

The Soluflex cable floor system feels extremely solid. Since the system is not adjustable in height, it needs no later adjustment
The grid layout of the system means the cables are perfectly parallel, and you can cross data cables at the required angle of 90°

■ TNO-fire

Fire propagation

Its low plenum height enables the cable floor system to be self-extinguishing

NEN-EN 13501-1

B(fl) S1-d0

NEN 1775 :

A – Inflammability – complies with the class T1 criteria for inflammability

B – Horizontal fire propagation : all heights
maximum horizontal fire propagation = 0 cm, which implies a critical density of heat flow of more than 11 kW/m²
Classification according to NEN 1775 : Class T1

NEN 6066 :

With (highest) heat flow supply of 50 kW/m² :
(highest) normative smoke density smaller than 0.5 m-1, which is very little smoke production in case of fire

DIN 4102 :

Resistance to fire in accordance with DIN 4102 Class B1

■ Level floor

The sub-floor must be dry, clean and level, suitable for laying carpet. If the floor is not level, it must be levelled before you start to install the Soluflex cable floor system. Please contact your floor specialist for professional advice

■ KEMA-certificate

Soluflex cable floor system has been certified by KEMA and meets the requirements for mechanical and electrical safety

Earthing

The cable floor system is automatically earthed, provided that 1 earthing tile is installed per 100 m². Install an earthing tile every 14 m length in gangways



Soluflex[®] cavity floor system

general installation instructions

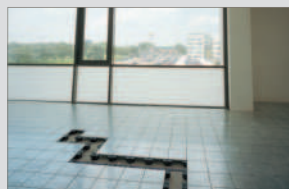
■ Installing the Soluflex cable floor system

- Start with a dry, clean and level sub-floor that is suitable for laying normal carpet. If the floor does not meet these requirements, level it first
- Start in the corner of the room and click the tiles into the plastic supports. Leave a 10 mm gap between the wall and tile to allow for expansion. Continue to build the floor like this and cut fitting tiles or edge plates to size
- You are now ready to open the cable routes using your cabling plan. Make sure that the cables are not placed under proposed locations of filing cabinets or other furniture as this limits flexibility
- The corners of the tiles have small recesses to enable them to be lifted using a screwdriver. Once one tile has been removed, the others can be removed by hand
- Now place the power track or cables into the cable routes, taking into account any extra cabling requirements for future flexibility
- By installing more outlet boxes you will be able to create extra connections without interruption later
- Dependent on the floor height being installed, a choice can be made from various (pre-wired) outlet units in or on the cable floor
- Earth the cable floor system every 100 m² by means of an earthing tile
- In stretched areas such as corridors, place an earthing tile at least every 14 metres
- The electrical installation should always be carried out by a qualified electrician in conjunction with the requirements of the latest wiring regulations
- To create 'islands', install steps with step corners to ensure a neat finishing of the system
- The ramp provides a constant transition from an existing floor to the Soluflex cable floor system
- The entire system can easily be dismantled and installed again as required, giving Soluflex a virtually unlimited life
- The finished installation can then be covered with rubber, stone, wood or carpet tiles
- Finishing with carpet tiles is advised for true flexibility and accessibility of the system

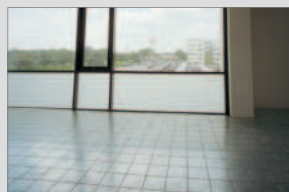
Ramp



Cable routes



Completed Soluflex installation



Finished example with carpet tiles

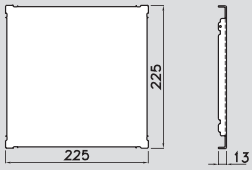


Soluflex[®] cavity floor system

37 mm, 60 mm, 90 mm, 120 mm height

■ Dimensions (mm)

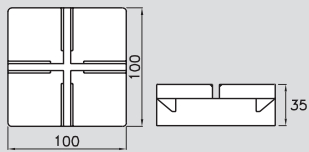
Tile



Cat. No. 8400010

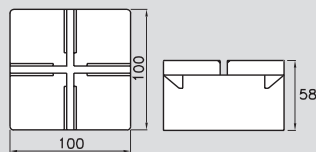
Supports

For 37 mm height



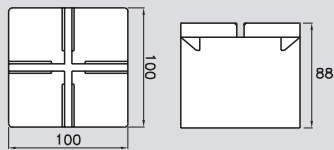
Cat. No. 8403700

For 60 mm height



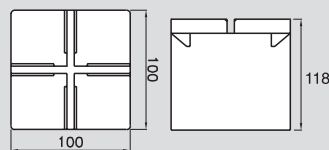
Cat. No. 8406000

For 90 mm height



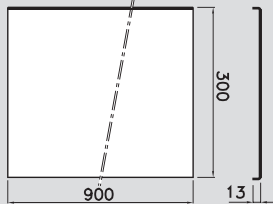
Cat. No. 8409000

For 120 mm height



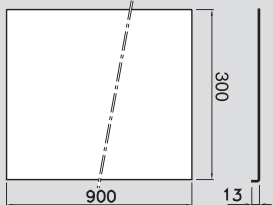
Cat. No. 8412000

Double edge plate



Cat. No. 8400060

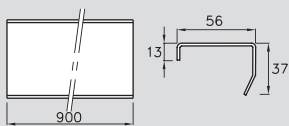
Single edge plate



Cat. No. 8400061

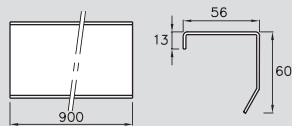
Steps

For 37 mm height



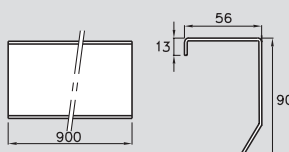
Cat. No. 8403722

For 60 mm height



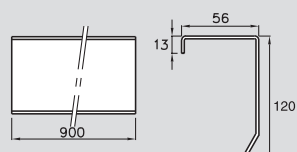
Cat. No. 8406022

For 90 mm height



Cat. No. 8409022

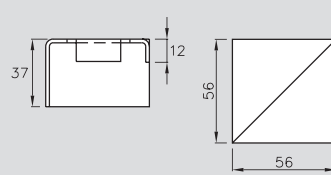
For 120 mm height



Cat. No. 8412022

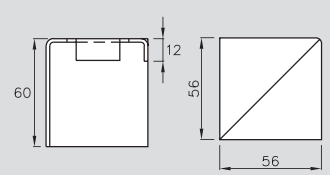
Step corner

For 37 mm height



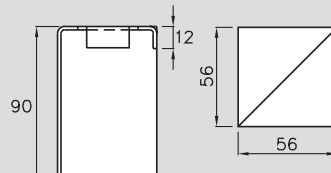
Cat. No. 8403730

For 60 mm height



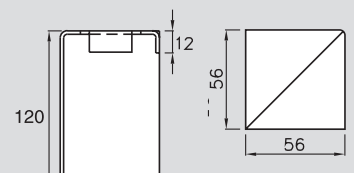
Cat. No. 8406030

For 90 mm height



Cat. No. 8409030

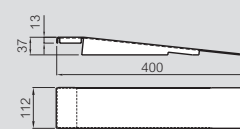
For 120 mm height



Cat. No. 8412030

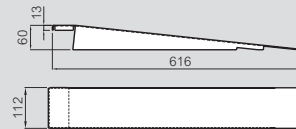
Ramp

For 37 mm height



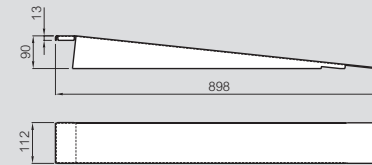
Cat. No. 8403740

For 60 mm height



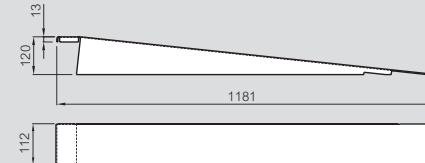
Cat. No. 8406040

For 90 mm height



Cat. No. 8409040

For 120 mm height



Cat. No. 8412040

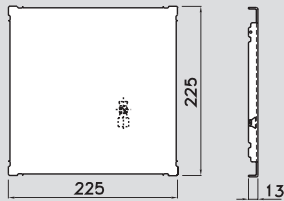
All dimensions (mm) are nominal

Soluflex[®] cavity floor system

37 mm, 60 mm, 90 mm, 120 mm height (continued)

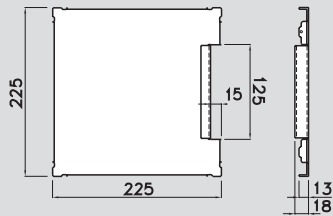
Dimensions (mm)

Earthing tile



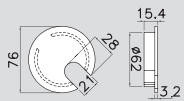
Cat. No. 8400020

Cable outlet tile



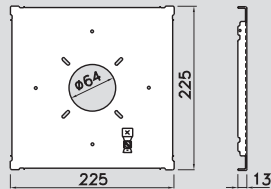
Cat. No. 8400030

Chrome outlet grommet



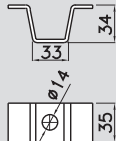
Cat. No. 8190232

Accessory outlet tile



Cat. No. 8400040

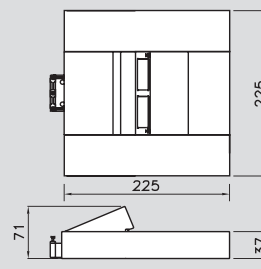
Fixing bracket



Cat. No. 8400050

Semi-submerged unit

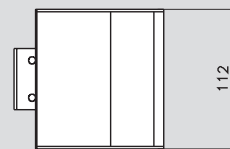
For 37 mm range only



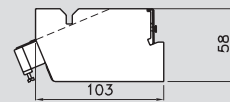
Cat. Nos. 8403750 Power
8403751 Data

Fully submerged power unit 2 x 240 V (empty)

For 60 mm range only

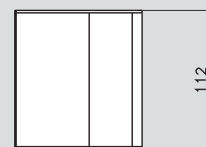


Cat. No. 8406072

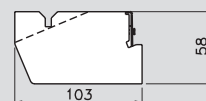


Fully submerged data unit 2 x 2 data (empty)

For 60 mm range only

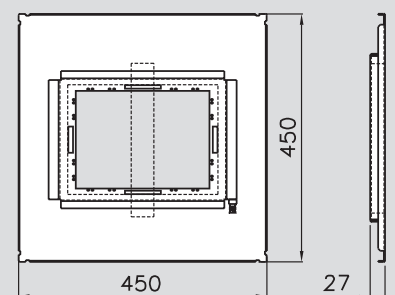


Cat. No. 8406073



Floor box tile

For 60 mm, 90 mm, 120 mm ranges only



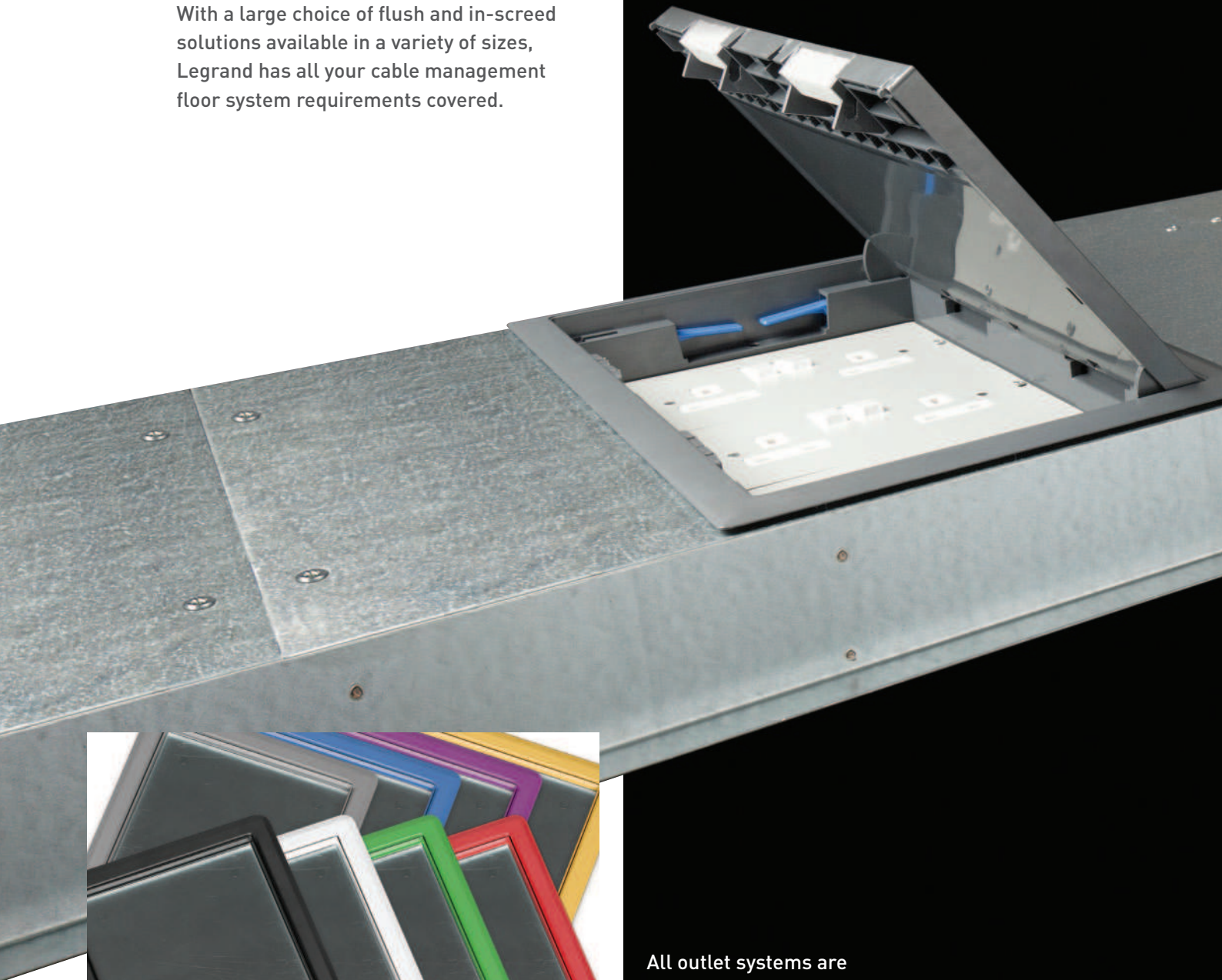
Cat. No. 8409081

All dimensions (mm) are nominal

FLOOR SYSTEMS

making the
right choice
simple

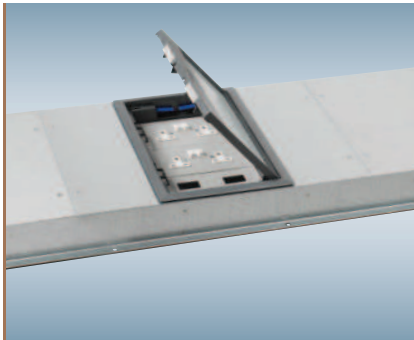
With a large choice of flush and in-screed solutions available in a variety of sizes, Legrand has all your cable management floor system requirements covered.



All outlet systems are designed to accept a wide range of mix and match lids and trims.

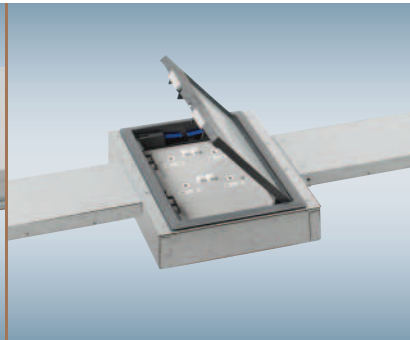
Bespoke metal trims are available in any RAL reference to suit a building's design scheme.

PRODUCT RANGES



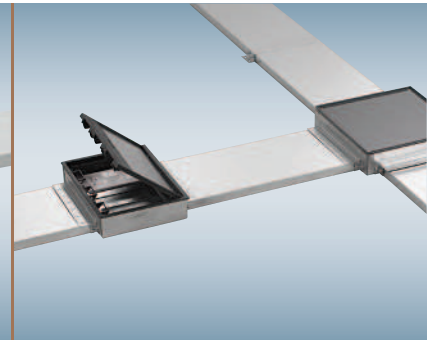
FLUSH FLOOR TRUNKING

- Commercial floor trunking system
- Ideal for distributing power, data and communication in any commercial environment
- Can be used if service outlets are required
- Cables can be accessed after installation has been completed
- Floor boxes can be positioned at any point along the trunking and removed and repositioned at a later date



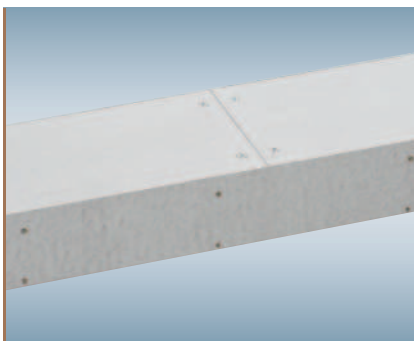
SHALLOW FLUSH FLOOR TRUNKING

- Commercial floor trunking system
- Designed to distribute power, data and communication where the amount of screed that can be removed is limited
- Can be used if service outlets are required
- Cables can be accessed after installation has been completed



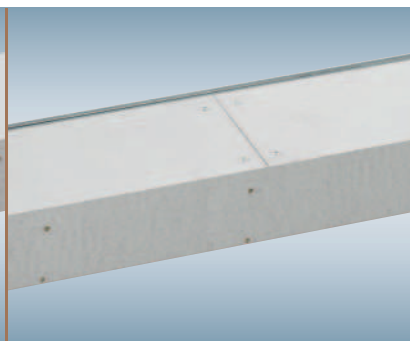
UNDERFLOOR DUCT

- Commercial floor ducting system
- Ducting is installed under the screed providing a strong yet cost effective solution
- Position of service outlet and junction boxes is fixed prior to installation
- Service outlet and junction boxes are height adjustable to fit flush with screed



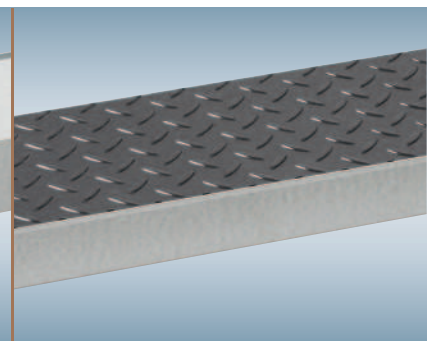
FLUSH LID FLOOR TRUNKING

- Commercial floor trunking system
- Floor finish is fitted over the flush lid giving a neat finish
- Available in a wide range of sizes
- Suitable for long runs of cable where no outlets are required



RECESSED LID FLOOR TRUNKING

- Commercial floor trunking system
- Floor finish is fitted recessed into the trunking lid
- Suitable for use in environments where access to cables may be required at a later date, for example hospitals

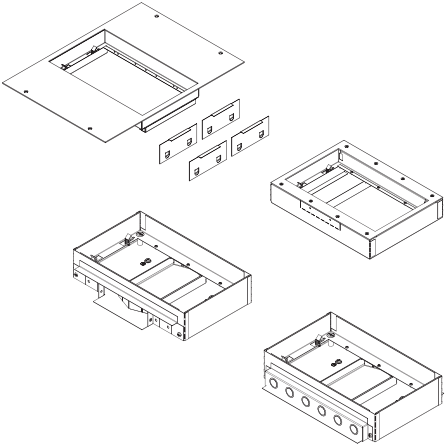
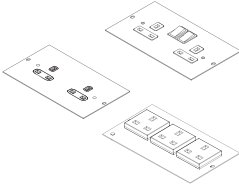
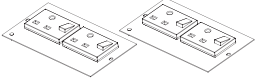
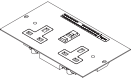
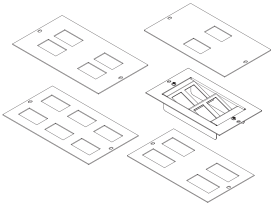
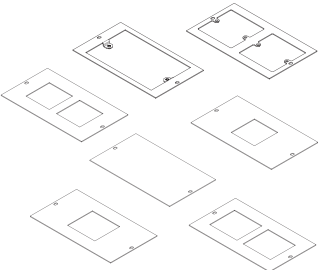



CHEQUER PLATE FLOOR TRUNKING

- Industrial floor trunking system
- Outward return flange for added strength
- Suitable for floors that are subjected to heavy loads, for example warehouses

screed floor service outlet boxes

selection chart

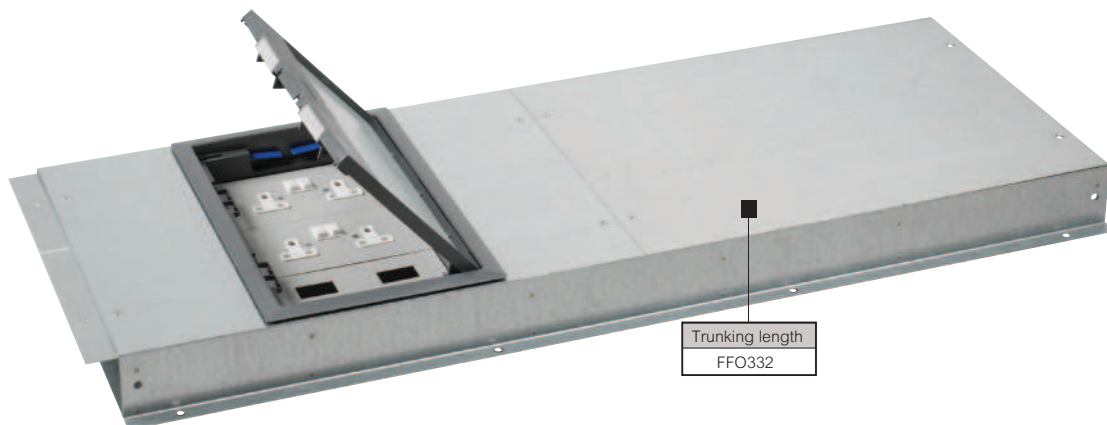
No. of compartments		
Floor box base		
System type 	Service outlet flush floor trunking	
	Shallow flush floor trunking 150 x 25 mm – 2 compartment	
	Shallow flush floor trunking 150 x 38 mm – 2 compartment	
	Shallow flush floor trunking 150 x 25 mm – 3 compartment	
	Shallow flush floor trunking 150 x 38 mm – 3 compartment	
	Shallow flush floor trunking 225 x 25 mm – 3 compartment	
	Shallow flush floor trunking 225 x 38 mm – 3 compartment	
	Screed floor box to suit shallow 25 mm ducting	
	Screed floor box to suit deep 38 mm ducting	
	Screed floor box to suit 20 mm conduit	
Screed floor box to suit 25 mm conduit		
Socket plates		
13 A standard 	13 A twin switched socket plate	
	13 A twin unswitched socket plate	
	13 A twin switched clean earth socket plate	
	13 A triple unswitched socket plate	
	13 A triple unswitched clean earth socket plate	
13 A non-standard 	13 A twin NS switched socket plate	
	13 A twin NS switched clean earth socket plate	
RCD 30 mA passive 	2 gang RCD socket plate ¹	
	2 gang RCD socket plate - clean earth ¹	
Data 	37 x 22 mm – 2 cut-out plate	
	37 x 22 mm – 4 cut-out plate	
	37 x 22 mm – 4 cut-out wave plate ¹	
	37 x 22 mm – 6 cut-out plate	
	47.5 x 23.5 mm – 4 cut-out plate	
General 	2 x standard single outlet 60.3 mm	
	Standard 2 gang outlet plate 120.6 mm	
	51 x 51 mm – 1 cut-out plate	
	51 x 51 mm – 2 cut-out plate	
	Blank plate	
	58 x 53.5 mm – 1 cut-out plate to accept Arteor mounting frame ²	
	58 x 53.5 mm – 2 cut-out plate to accept 2 x Arteor mounting frames ²	
Lids and trims		
	ABS with carpet trim – 6 mm recess	
	Combination with edge trim – 6 mm recess	
	Metal, powder coated with carpet trim – 8 mm recess	
	Metal, powder coated with edge trim – 8 mm recess	
	Stainless steel with carpet trim – 8 mm recess	
	Stainless steel with edge trim – 8 mm recess	
	Brass with carpet trim – 8 mm recess	
	Brass with edge trim – 8 mm recess	

1 : Due to overall depth, these items will NOT fit in the flush floor and shallow flush floor ranges (Cat. Nos. FFO and AFS). When using with underfloor duct systems (Cat. No. AFU) the outlet box must be raised by 8 mm from the lowest point to allow for wiring
 2 : For Arteor mounting frames, refer to the latest Wiring Devices catalogue

	1 compartment	2 compartment	3 compartment	4 compartment
	–	–	FFO3BB	FFO4BB
	–	AFS2BB261	–	AFS4BB261
	–	AFS2BB265	–	AFS4BB265
	–	–	AFS3BB361	AFS4BB361
	–	–	AFS3BB365	AFS4BB365
	–	–	AFS3BB391	AFS4BB391
	–	–	AFS3BB395	AFS4BB395
	–	AFU2BB78	AFU3BB78	AFU4BB78
	–	AFU2BB90	AFU3BB90	AFU4BB90
	AFU1CON78	AFU2CON78	AFU3CON78	AFU4CON78
	AFU1CON90	AFU2CON90	AFU3CON90	AFU4CON90
	SP3201	SP3201	SP3201	SP4201
	SP3200	SP3200	SP3200	SP4200
	SP3211	SP3211	SP3211	SP4211
	SP3300	SP3300	SP3300	SP4300
	SP3310	SP3310	SP3310	SP4310
	SP3221	SP3221	SP3221	SP4221
	SP3231	SP3231	SP3231	SP4231
	SP3202	SP3202	SP3202	SP4202
	SP3212	SP3212	SP3212	SP4212
	SP3203	SP3203	SP3203	SP4203
	SP3403	SP3403	SP3403	SP4403
	SP3404	SP3404	SP3404	SP4404
	SP3603	SP3603	SP3603	SP4603
	SP3408	SP3408	SP3408	SP4408
	SP3205	SP3205	SP3205	–
	SP3105	SP3105	SP3105	–
	SP3106	SP3106	SP3106	SP4106
	SP3206	SP3206	SP3206	SP4206
	SP3000	SP3000	SP3000	SP4000
	SP3107	SP3107	SP3107	SP4107
	SP3207	SP3207	SP3207	SP4207
	–	FBL2ABS	FBL3ABS	FBL3ABS
	–	FBL2COM	FBL3COM	FBL3COM
	FBL1MCT	FBL2MCT	FBL3MCT	FBL3MCT
	FBL1MET	FBL2MET	FBL3MET	FBL3MET
	FBL1SCT	FBL2SCT	FBL3SCT	FBL3SCT
	FBL1SET	FBL2SET	FBL3SET	FBL3SET
	FBL1BCT	FBL2BCT	FBL3BCT	FBL3BCT
	FBL1BET	FBL2BET	FBL3BET	FBL3BET

commercial floor trunking systems

service outlet flush floor trunking



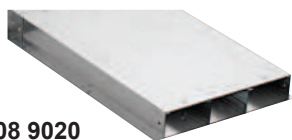
Screed floor outlet boxes selection chart **p. 58-59**
 Dimensions and technical information **p. 66**
 Installation details **p. 69**

Body and lid manufactured from pre-galvanised sheet steel to BS EN 10142 and 3
 Standard lengths : trunking 2.0 m, lid 0.5 m
 Standard lid thickness : 2.5 mm
 Each 2 m length is fitted with 4 x 500 mm long lids and supplied complete with all necessary connectors and screws
 Trunking to floor fixings not supplied
 A service outlet floor box can be fitted at each lid position

Pack	Cat. Nos.	Flush floor trunking	
1	3 comp FFO332 4 comp FFO342	Trunking length – 2 m 370 x 65 mm	
1	FFO330	Spare connector set 370 x 65 mm	
1	3 comp FFO3311 4 comp FFO3411	90° riser bend Supplied with screeding cover Provides conduit entry with 20 mm knockouts 370 x 65 mm	
1	3 comp FFO33SK6 4 comp FFO34SK6	Back entry skirting adaptor 370 x 65 – 150 mm high skirting	
1	FFOS3SK8 FFO34SK8		
1	3 comp FFOT332T 4 comp FFOT342T	Cable trunking adaptor 370 x 65 mm To complete the Cat. No. specify : T = standard cable trunking Cat. No. Example : FFOT 332 MGR623C	

Pack	Cat. Nos.	Flush floor trunking (continued)	
1	FFO3312	End cap 370 x 65 mm	
1	3 comp FFO3313 4 comp FFO3413	Junction box Supplied with connections and plates Can be configured as a fourway, tee, bend or straight through connector box 370 x 65 mm	
1	3 comp FFO33BB 4 comp FFO4BB	Service outlet base boxes Service outlet base boxes are supplied fitted into a 500 mm long cover To complete the system, the outlet base box requires outlet plates, lid and trim Outlet plates, lids and trims ordered separately, (see p. 64)	

Flush floor trunking can be supplied in widths and depths greater than 370 x 65 mm to special order
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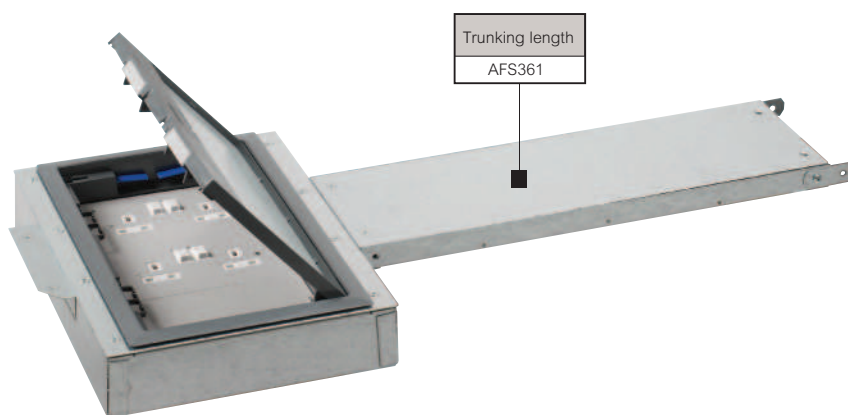


All trims for service outlet boxes can be ABS, stainless steel, brass or powder coated any colour **p. 64**



commercial floor trunking systems

shallow flush floor trunking



Screed floor outlet boxes selection chart p. 58-59
Dimensions and technical information p. 67
Installation details p. 69

Body and lid manufactured from pre-galvanised sheet steel to BS EN 10142 and 3

Standard lengths : trunking 2.0 m, lid 0.5 m

Standard lid thickness : 2.5 mm

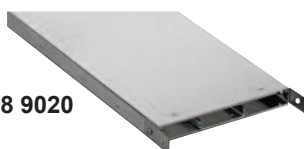
Each 2 m length is fitted with 4 x 500 mm long lids and supplied complete with all necessary connectors and screws

Pack	Cat. Nos.	Shallow flush floor trunking	
		Trunking length – 2 m	
1	2 comp AFS261	3 comp AFS361	150 x 25 mm
1	AFS265	AFS365	150 x 38 mm
1		AFS391	225 x 25 mm
1		AFS395	225 x 38 mm
		Spare connector set	
1	AFS3611		150 mm wide
1	AFS3911		225 mm wide
		90° riser bend	
		Supplied with screeding cover Provides conduit entry with 20 mm knockouts	
1	2 comp AFS2613	3 comp AFS3613	150 x 25 mm
1	AFS2653	AFS3653	150 x 38 mm
1		AFS3913	225 x 25 mm
1		AFS3953	225 x 38 mm
		Back entry skirting adaptor	
1	AFSSFSKS	To complete the Cat. No. specify : F = shallow flush floor trunking size code S = skirting trunking height in inches Example : AFSS 361 SK6	
		Cable trunking adaptor	
1	AFSTFT	Supplied with turnbuckle fix lid To complete the Cat. No. specify : F = shallow flush floor trunking size code T = standard cable trunking Cat. No. Example : AFST 361 MGR623C	

Pack	Cat. Nos.	Shallow flush floor trunking (continued)	
		End cap	
1	AFS2615		150 x 25 mm
1	AFS2655		150 x 38 mm
1	AFS3915		225 x 25 mm
1	AFS3955		225 x 38 mm
		Junction box	
		Supplied with connections and plates Can be configured as a fourway, tee, bend or straight through connector box	
1	2 comp AFS2614	3 comp AFS3614	150 x 25 mm
1	AFS2654	AFS3654	150 x 38 mm
1		AFS3914	225 x 25 mm
1		AFS3954	225 x 38 mm
		Service outlet base boxes	
		Service outlet base boxes are supplied empty Service outlet boxes are 65 mm deep Due to shallow depth of trunking, box locations need to be defined and recessed locally before installation To complete the system, the outlet base box requires outlet plates, lid and trim Outlet plates, lids and trims ordered separately, (see p. 64)	
1	2 comp AFS2BB261	3 comp AFS3BB361	To suit 150 x 25 mm trunking
1	AFS2BB265	AFS3BB365	To suit 150 x 38 mm trunking
1		AFS3BB391	To suit 225 x 25 mm trunking
1		AFS3BB395	To suit 225 x 38 mm trunking
		Service outlet base boxes (continued)	
1	4 comp AFS4BB261		To suit 150 x 25 mm trunking
1	AFS4BB265		To suit 150 x 38 mm trunking
1	AFS4BB361		To suit 150 x 25 mm trunking
1	AFS4BB365		To suit 150 x 38 mm trunking
1	AFS4BB391		To suit 225 x 25 mm trunking
1	AFS4BB395		To suit 225 x 38 mm trunking

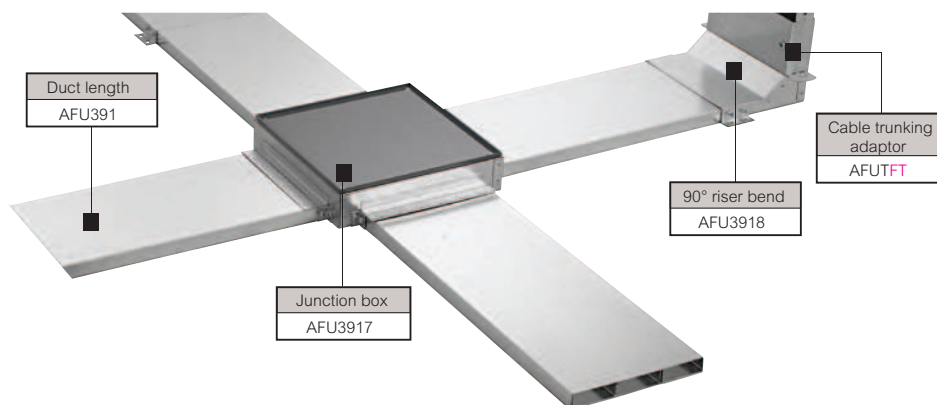
Shallow flush floor trunking
can be supplied in different
widths and depths

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commercial floor trunking systems

underfloor duct



Screed floor outlet boxes selection chart **p. 58-59**
 Dimensions and technical information **p. 67**
 Installation details **p. 69**

Body and lid manufactured from pre-galvanised sheet steel to BS EN 10142 and 3
 Standard length : 2.0 m. Standard lid thickness : 1.0 mm
 Each 2 m length is supplied with 2 saddle clamps and screws
 Duct to floor fixings are not supplied

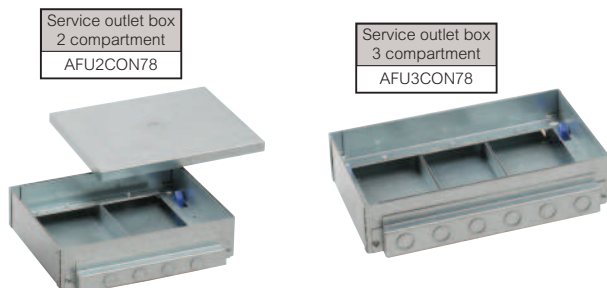
Pack	Cat. Nos.	Underfloor duct
Duct length – 2 m		
1	2 comp AFU261	150 x 25 mm
1	3 comp AFU361	150 x 38 mm
1	2 comp AFU265	225 x 25 mm
1	3 comp AFU365	225 x 38 mm
1	2 comp AFU391	225 x 38 mm
1	3 comp AFU395	300 x 25 mm
1	2 comp AFU311	300 x 25 mm
1	3 comp AFU315	300 x 38 mm
Spare saddle clamp		
1	AFU2612	150 x 25 mm
1	AFU2652	150 x 38 mm
1	AFU3912	225 x 25 mm
1	AFU3952	225 x 38 mm
1	AFU3112	300 x 25 mm
1	AFU3152	300 x 38 mm
90° flat bend		
1	2 comp AFU2613	150 x 25 mm
1	3 comp AFU3613	150 x 38 mm
1	2 comp AFU2653	225 x 25 mm
1	3 comp AFU3653	225 x 38 mm
1	2 comp AFU3913	300 x 25 mm
1	3 comp AFU3953	300 x 38 mm
1	2 comp AFU3113	300 x 25 mm
1	3 comp AFU3153	300 x 38 mm
90° riser bend		
Supplied with screeding cover Provides conduit entry with 20 mm knockouts		
1	2 comp AFU2618	150 x 25 mm
1	3 comp AFU3618	150 x 38 mm
1	2 comp AFU2654	225 x 25 mm
1	3 comp AFU3654	225 x 38 mm
1	2 comp AFU3918	300 x 25 mm
1	3 comp AFU3954	300 x 38 mm
1	2 comp AFU3118	300 x 25 mm
1	3 comp AFU3154	300 x 38 mm
Back entry skirting adaptor		
1	AFUSFSK S	To complete the Cat. No. specify : F = underfloor duct size code S = skirting trunking height in inches Example : AFUS 391 SK6
Cable trunking adaptor		
1	AFUTFT	Supplied with turnbuckle fix lid To complete the Cat. No. specify : F = underfloor duct size code T = standard cable trunking Cat. No. Example : AFUT 395 MGR623C

Pack	Cat. Nos.	Underfloor duct (continued)
End cap		
1	AFU2615	150 x 25 mm
1	AFU2655	150 x 38 mm
1	AFU3915	225 x 25 mm
1	AFU3955	225 x 38 mm
1	AFU3115	300 x 25 mm
1	AFU3155	300 x 38 mm
Junction box		
Can be configured as a fourway, tee, bend or straight through connector box When using with a conduit system, select junction box depending on conduit size For 20 mm conduit use junction box that would suit a 25 mm ducting For 25 mm conduit use junction box that would suit a 38 mm ducting To suit screed 65 mm to 80 mm deep		
1	2 comp AFU2617	150 x 25 mm
1	3 comp AFU3617	225 x 25 mm
1	2 comp AFU3917	300 x 25 mm
1	3 comp AFU3117	300 x 25 mm
To suit screed 75 mm to 90 mm deep		
1	AFU2656	150 x 38 mm
1	AFU3956	225 x 38 mm
1	AFU3156	300 x 38 mm

Underfloor duct can be supplied in other widths, depths and compartment configurations to special order
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commercial floor trunking systems

underfloor duct (continued)



Service outlet box
2 compartment
AFU2CON78

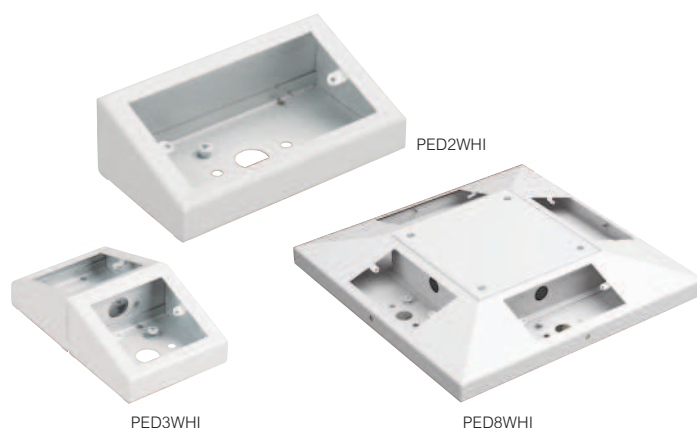
Service outlet box
3 compartment
AFU3CON78

Screed floor outlet boxes selection chart **p. 58-59**
Dimensions and technical information **p. 67**
Installation details **p. 69**

Body and lid manufactured from pre-galvanised sheet steel to BS EN 10142 and 3
Standard length : 2.0 m. Standard lid thickness : 1.0 mm
Each 2 m length is supplied with 2 saddle clamps and screws
Duct to floor fixings are not supplied

Pack	Cat. Nos.	In-screed service outlet base boxes
		Service outlet base boxes are supplied empty To complete the system, the outlet base box requires outlet plates, lid and trim Outlet plates, lids and trims ordered separately, (see p. 64) Use a 2 or 4 compartment service outlet box with 2 compartment duct 2 compartment box can only be used with 150 and 225 mm wide ducting
		To fit 25 mm deep ducting
1	AFU2BB78	To suit screed 65 mm to 80 mm deep 2 compartment to suit 25 mm shallow ducting
1	AFU3BB78	3 compartment to suit 25 mm shallow ducting
1	AFU4BB78	4 compartment to suit 25 mm shallow ducting
		To fit 38 mm deep ducting
1	AFU2BB90	To suit screed 75 mm to 90 mm deep 2 compartment box to suit 38 mm deep ducting
1	AFU3BB90	3 compartment box to suit 38 mm deep ducting
1	AFU4BB90	4 compartment box to suit 38 mm deep ducting
		20 mm conduit fed
1	AFU1CON78	To suit screed 65 mm to 80 mm deep 1 compartment box to suit 20 mm conduit
1	AFU2CON78	2 compartment box to suit 20 mm conduit
1	AFU3CON78	3 compartment box to suit 20 mm conduit
1	AFU4CON78	4 compartment box to suit 20 mm conduit
		25 mm conduit fed
1	AFU1CON90	To suit screed 75 mm to 90 mm deep 1 compartment box to suit 25 mm conduit
1	AFU2CON90	2 compartment box to suit 25 mm conduit
1	AFU3CON90	3 compartment box to suit 25 mm conduit
1	AFU4CON90	4 compartment box to suit 25 mm conduit

pedestal units



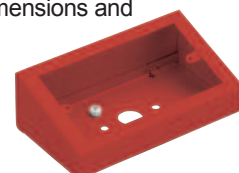
Dimensions and technical information **p. 70**

Material : zinc coated mild steel to BS EN 10152
Colour : white epoxy powder coated, RAL 9003. For other colours, please specify RAL number
Zintec finish is available on request (Zintec pedestal units are to be painted on site)

Pack	Cat. Nos.	Pedestal units
1	PED1WHI	Single socket
1	PED2WHI	Twin socket
1	PED3WHI	Back-to-back single sockets
1	PED4WHI	Back-to-back twin sockets
1	PED8WHI	Pyramid box

Pedestal units are available in other dimensions and finishes to special order

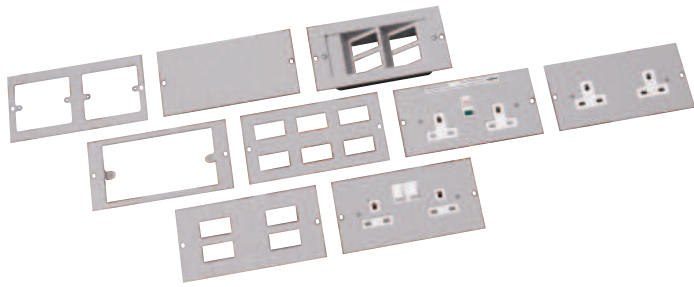
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outlet plates for floor trunking

power and data

lids and trims for floor trunking



Screed floor outlet boxes selection chart **p. 58-59**
Installation details **p. 30**

Plates to fit 1, 2 and 3 compartment boxes are all 100 mm wide
Plates to fit 4 compartment boxes are 75 mm wide
Non-standard sockets have a round earth pin
Due to overall depth, RCD sockets and wave type data plates will NOT fit in the flush floor and shallow flush floor ranges (Cat. Nos. FFO/AFS).
When using with underfloor duct systems (Cat. No. AFU) the outlet box must be raised by 8 mm from the lowest point to allow for wiring

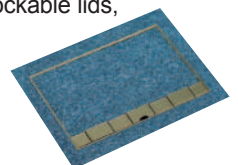
Screed floor outlet boxes selection chart **p. 58-59**
Installation details **p. 30**

Moulded lids and trims are manufactured from durable ABS and feature a quick fit / release ratchet system
ABS lid and trim versions are supplied with 6 mm carpet recess
Metal lid and trim versions are supplied with 8 mm recess
Metal trim versions are powder coated grey RAL7024 matt as standard
Stainless steel is satin finish as standard
Brass is polished finish as standard

Pack	Cat. Nos.		Power and data plates
	1, 2, 3 comp. 100 mm wide	4 comp. 75 mm wide	
			13 A standard socket plates
1	SP3201	SP4201	Twin switched
1	SP3200	SP4200	Twin unswitched
1	SP3211	SP4211	Twin switched – clean earth
1	SP3300	SP4300	Triple unswitched
1	SP3310	SP4310	Triple unswitched – clean earth
			13 A non-standard socket plates
1	SP3221	SP4221	Twin NS switched
1	SP3231	SP4231	Twin NS switched – clean earth
			RCD socket plates
			Double pole 30 mA passive will not trip in event of power failure. Eliminating need to manually reset all units after power failure
1	SP3202	SP4202	2 gang
1	SP3212	SP4212	2 gang – clean earth
			Data plates
1	SP3203	SP4203	37 x 22 mm – 2 cut-outs
1	SP3403	SP4403	37 x 22 mm – 4 cut-outs
1	SP3404	SP4404	37 x 22 mm – 4 cut-outs (wave plate)
1	SP3603	SP4603	37 x 22 mm – 6 cut-outs
1	SP3408	SP4408	47.5 x 23.5 mm – 4 cut-outs
			General
1	SP3205	-	2 x standard single outlet 60.3 mm
1	SP3105	-	Standard 2 gang outlet plate 120.6 mm
1	SP3106	SP4106	51 x 51 mm – 1 cut-out plate
1	SP3206	SP4206	51 x 51 mm – 2 cut-out plate
1	SP3000	SP4000	Blank plate
1	SP3107	SP4107	58 x 53.5 mm – 1 cut-out plate to accept Arteor mounting frame (Cat. No. 576016) ¹
1	SP3207	SP4207	58 x 53.5 mm – 2 cut-outs plate to accept 2 x Arteor mounting frames (Cat. No. 576016) ¹
			Fasteners
50	SPSCREW		M3.5 x 6 spare socket plate screws

Pack	Cat. Nos.		Floor box lids and trims
	1 comp.	2 comp.	
			1 and 2 compartment
			Carpet trim
1	-	FBL2ABS	ABS
1	FBL1MCT	FBL2MCT	Metal – grey
1	FBL1SCT	FBL2SCT	Stainless steel
1	FBL1BCT	FBL2BCT	Brass
			Edge trim
1	-	FBL2COM	ABS lid/metal trim – ABS/grey
1	FBL1MET	FBL2MET	Metal – grey
1	FBL1SET	FBL2SET	Stainless steel
1	FBL1BET	FBL2BET	Brass
			3 and 4 compartment
			Carpet trim
1	-	FBL3ABS	ABS
1	FBL3MCT	FBL3MCT	Metal – grey
1	FBL3SCT	FBL3SCT	Stainless steel
1	FBL3BCT	FBL3BCT	Brass
			Edge trim
1	-	FBL3COM	ABS lid/metal trim – ABS/grey
1	FBL3MET	FBL3MET	Metal – grey
1	FBL3SET	FBL3SET	Stainless steel
1	FBL3BET	FBL3BET	Brass

Metal lids and trims can be powder coated to any RAL reference. Other options, such as lockable lids, are available to special order
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¹ : For Arteor mounting frames, refer to the latest Wiring Devices catalogue

commercial floor trunking systems

flush lid floor trunking



Dimensions and technical information **p. 68**
Installation details **p. 69**

Body and lid manufactured from pre-galvanised sheet steel to BS EN 10142 and 3
Standard length : 2.0 m body / 500 mm lid
Standard lid thickness : 2.5 mm
Supplied complete with all necessary connectors and screws
Internal dividers are fitted on all trunking lengths 225 mm and above to provide lid support

Service outlet boxes are not available for this range

Pack	Cat. Nos.	Flush lid floor trunking	
		Trunking length – 2 m	
1	FF42	100 x 50 mm	
1	FF63	150 x 75 mm	
1	FF124	300 x 100 mm	
		90° riser bend	
		Supplied with screeding cover Provides conduit entry with 20 mm knockouts	
1	FFRB42	100 x 50 mm	
1	FFRB63	150 x 75 mm	
1	FFRB124	300 x 100 mm	
		End stop	
1	FFEB42	100 x 50 mm	
1	FFEB63	150 x 75 mm	
1	FFEB124	300 x 100 mm	
		Junction box	
		Supplied with connectors and plates To be configured as a fourway, tee, bend or straight through connector box	
1	FFI42	100 x 50 mm	
1	FFI63	150 x 75 mm	
1	FFI124	300 x 100 mm	

commercial floor trunking systems

recessed lid floor trunking



Dimensions and technical information **p. 68**
Installation details **p. 69**

Body and lid manufactured from pre-galvanised sheet steel to BS EN 10142 and 3
Standard length : 2.0 m body / 500 mm lid
Standard lid thickness : 2.5 mm
Lid recess : 3.5 mm
Supplied complete with all necessary connectors and screws
Internal dividers are fitted on all trunking lengths 225 mm and above to provide lid support

Service outlet boxes are not available for this range

Pack	Cat. Nos.	Recessed lid floor trunking	
		Trunking length – 2 m	
1	FRL42	100 x 50 mm	
1	FRL63	150 x 75 mm	
1	FRL124	300 x 100 mm	
		90° riser bend	
		Supplied with screeding cover Provides conduit entry with 20 mm knockouts	
1	FRLRB42	100 x 50 mm	
1	FRLRB63	150 x 75 mm	
1	FRLRB124	300 x 100 mm	
		End stop	
1	FRLEB42	100 x 50 mm	
1	FRLEB63	150 x 75 mm	
1	FRLEB124	300 x 100 mm	
		Junction box	
		Supplied with connectors and plates To be configured as a fourway, tee, bend or straight through connector box	
1	FRLI42	100 x 50 mm	
1	FRLI63	150 x 75 mm	
1	FRLI124	300 x 100 mm	



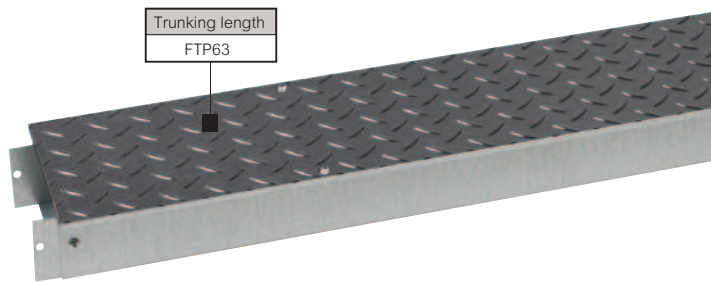
Flush lid and recessed lid floor trunking can be supplied in other widths, depths and compartment configurations to special order

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industrial floor trunking systems

chequer plate floor trunking

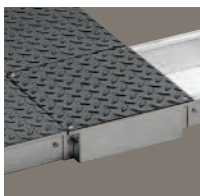


Dimensions and technical information p. 68
Installation details p. 69

Body manufactured from pre-galvanised sheet steel to BS EN 10142 and 3
Lid manufactured from mild steel, powder coated grey 18B25
Other colours available to special order
Standard lengths : body 2.0 m, lid 1.0 m
Standard lid thickness : 6.5 mm
Chequer plate floor trunking is available in single compartment as standard complete with lid, all necessary connectors and screws
Internal dividers are fitted on all trunking lengths 225 mm and above to provide lid support
Service outlet boxes are not available for this range

Pack	Cat. Nos.	Chequer plate floor trunking	
		Trunking length – 2 m	
1	FTP42	100 x 50 mm	
1	FTP63	150 x 75 mm	
1	FTP124	300 x 100 mm	
		90° riser bend	
		Supplied with screeding cover Provides conduit entry with 20 mm knockouts	
1	FTPRB42	100 x 50 mm	
1	FTPRB63	150 x 75 mm	
1	FTPRB124	300 x 100 mm	
		End stop	
1	FTPEB42	100 x 50 mm	
1	FTPEB63	150 x 75 mm	
1	FTPEB124	300 x 100 mm	
		Junction box	
		Supplied with connectors and plates To be configured as a fourway, tee, bend or straight through connector box	
1	FTPI42	100 x 50 mm	
1	FTPI63	150 x 75 mm	
1	FTPI124	300 x 100 mm	

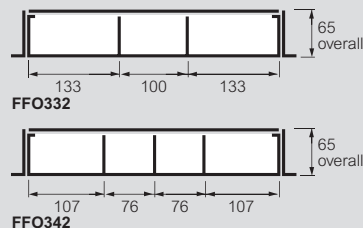
Chequer plate floor trunking can be supplied in other widths, depths and compartment configurations to special order
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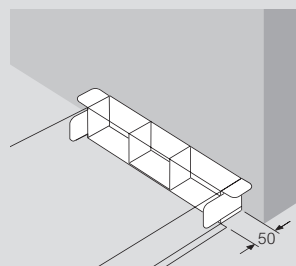
commercial floor trunking systems

dimensions and technical information

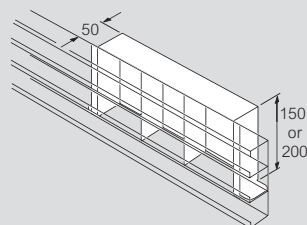
Flush floor trunking



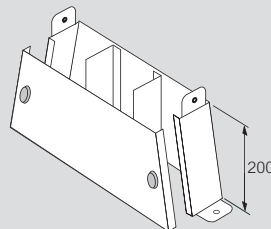
90° riser bends



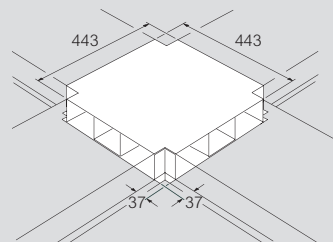
Back entry skirting adaptor



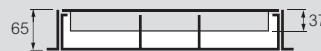
Cable trunking adaptors



Junction box



Service outlet boxes



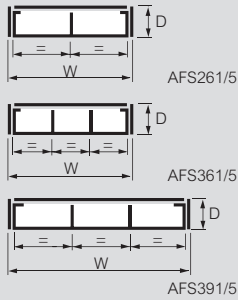
Reduced cabling area when fitting service outlet box

commercial floor trunking systems

dimensions and technical information

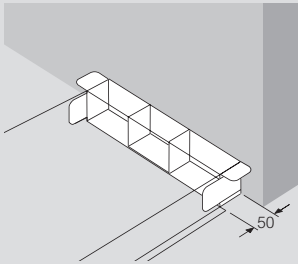
Shallow flush floor trunking

Cat. No.	W	D
AFS261	155	25
AFS265	155	38
AFS361	155	25
AFS365	155	38
AFS391	230	25
AFS395	230	38

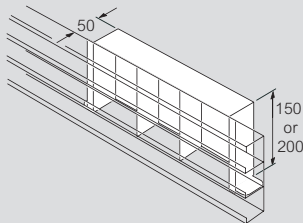


W = Overall trunking width
D = Overall trunking depth

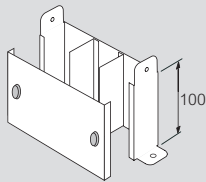
90° riser bends



Back entry skirting adaptor

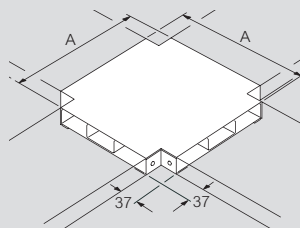


Cable trunking adaptors



Junction box

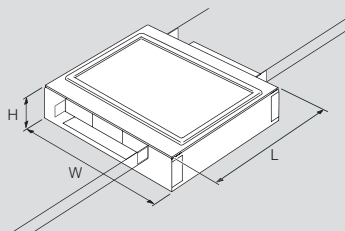
Trunking width	A
150	223
225	298



A = Trunking end to end

Service outlet boxes

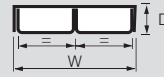
Compartment	W	L	H
2C	297	274	65
3C	372	274	65
4C	372	274	65



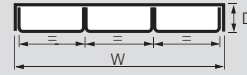
All dimensions (mm) are nominal

Underfloor duct

Cat. No.	W	D
AFU261	150	25
AFU265	150	38



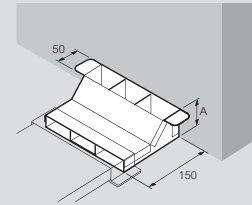
Cat. No.	W	D
AFU361	150	25
AFU365	150	38
AFU391	225	25
AFU395	225	38
AFU311	300	25
AFU315	300	38



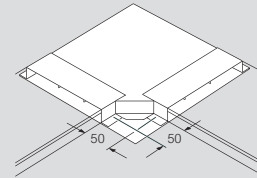
W = Overall ducting width
D = Overall ducting depth

90° riser bends

Duct depth	A
25	65
38	75



90° flat bends



Junction box

Shallow junction box to suit 25 mm duct / 20 mm conduit

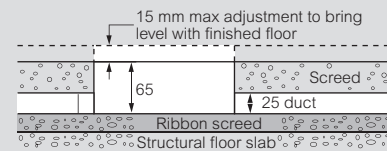
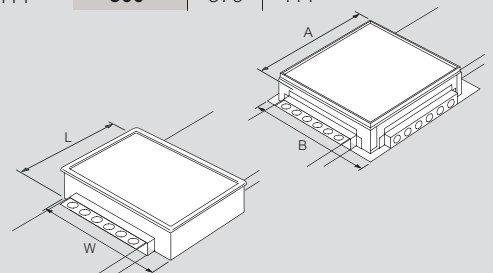
Junction box trunking width	A	B
150	300	336
225	300	336
300	375	411

Deep junction Box to suit 38 mm duct / 25 mm conduit

Junction box trunking width	A	B
150	300	336
225	300	362
300	375	411

Service outlet box

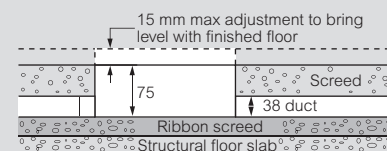
Compartment	W	L
1C	175	245
2C	275	245
3C	350	245
4C	350	245



65-80 mm

- AFU2CON78
- AFU3CON78
- AFU4CON78
- AFU2BB78
- AFU3BB78
- AFU4BB78

Using a 25 mm deep duct, junction boxes and service outlet boxes provide conduit entry with 20 mm knockouts only, and are adjustable from 65 to 80 mm deep



75-90 mm

- AFU2CON90
- AFU3CON90
- AFU4CON90
- AFU2BB90
- AFU3BB90
- AFU4BB90

Using a 38 mm deep duct, junction boxes and service outlet boxes provide conduit entry with 20/25 mm combination knockouts and are adjustable from 75 to 90 mm deep

commercial floor trunking systems

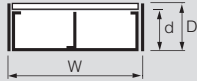
dimensions and technical information

■ Flush lid and recessed lid floor trunking

Flush lid

Cat. No.	W	D	d
FF42	102.5	50	47.5
FF63	152.5	75	72.5
FF124	302.5	100	97.5

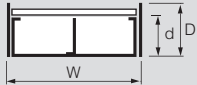
W = Overall trunking width
d = Depth to underside of trunking lid
D = Overall trunking depth



Recessed lid

Cat. No.	W	D	d
FRL42	102.5	50	44
FRL63	152.5	75	69
FRL124	302.5	100	94

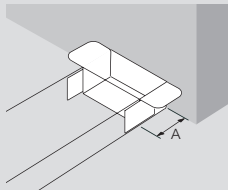
W = Overall trunking width
d = Depth to underside of trunking lid
D = Overall trunking depth



90° riser bends

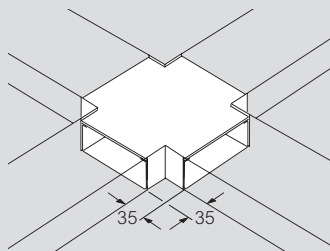
For flush lid and recessed lid floor trunking

Duct depth	A
50	50
75	75
100	100

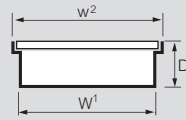


Junction box

For flush lid and recessed lid floor trunking



■ Chequer plate floor trunking

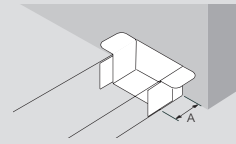


W¹ = Overall trunking width
D = Overall trunking depth
w² = Overall width including trunking lid

Cat. No.	W ¹	D	w ²
FTP42	100	50	150
FTP63	150	75	200
FTP124	300	100	350

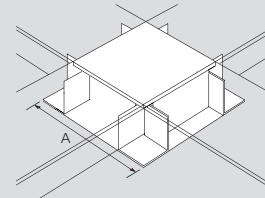
90° riser bends

Duct depth	A
50	50
75	75
100	100



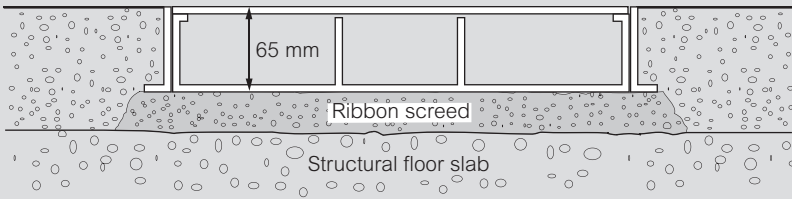
Junction box

Trunking width	A
100	150
150	200
300	350

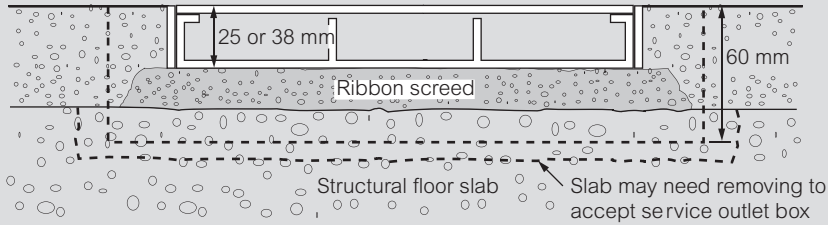


■ Installation details

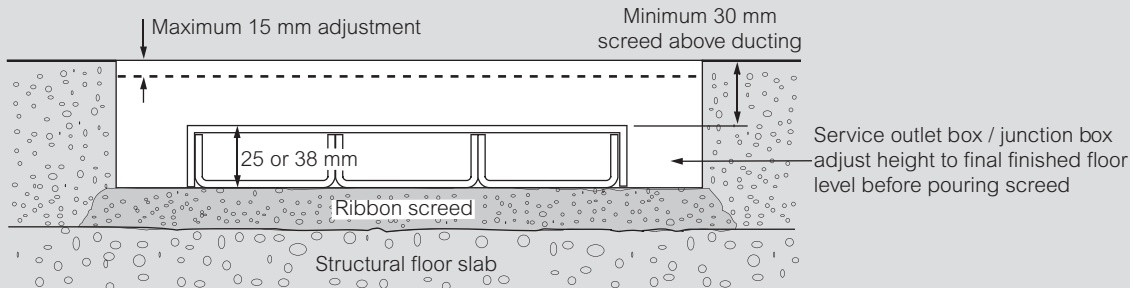
Flush floor trunking in screeded floor



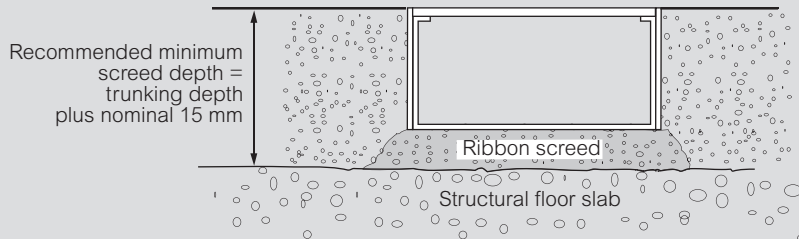
Shallow flush floor trunking in screeded floor



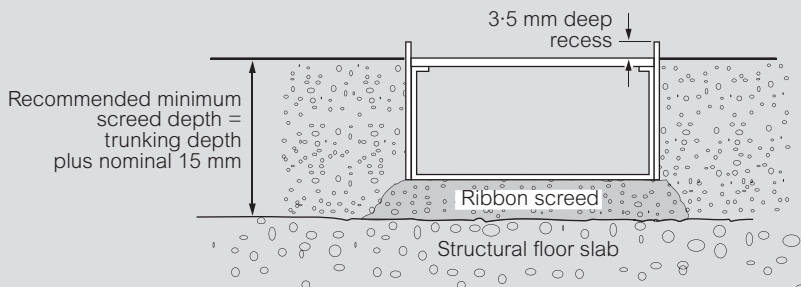
Underfloor duct in screeded floor



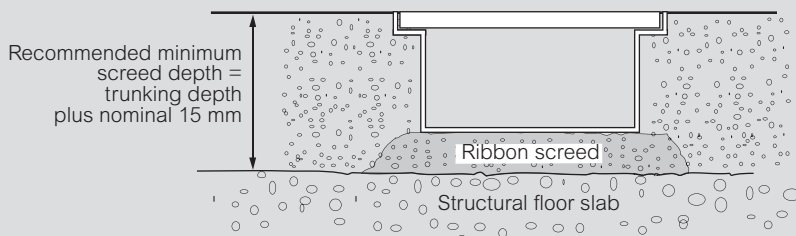
Flush lid floor trunking in screeded floor



Recessed lid floor trunking in screeded floor



Chequer plate floor trunking in screeded floor



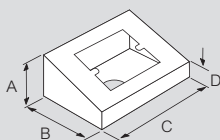
pedestal units

technical information

■ Pedestal units dimensions

Single socket

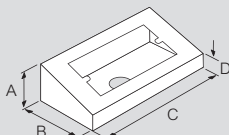
A	54
B	89
C	102
D	24



Cat. No. PED1WHI

Twin socket

A	54
B	89
C	162
D	24

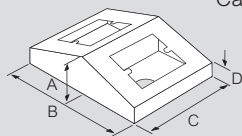


Cat. No. PED2WHI

Back-to-back sockets

Single socket

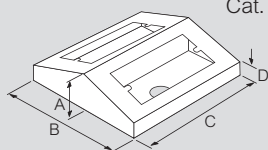
A	54
B	178
C	102
D	24



Cat. No. PED3WHI

Twin socket

A	54
B	178
C	162
D	24

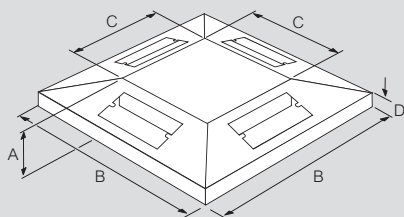


Cat. No. PED4WHI

For all pedestal units above, hole diameter in base is 20 mm

Pyramid box

A	55
B	368
C	184
D	24



Cat. No. PED8WHI

Cat. Nos.	Page No.	Cat. Nos.	Page No.	Cat. Nos.	Page No.	Cat. Nos.	Page No.	Cat. Nos.	Page No.	Cat. Nos.	Page No.
0800 00		80000 00		AFS3911	61	AFU4BB90	63	FFOS4SK6	60	MP351230	8
0893 07	28	8190232	51	AFS3913	-	AFU4CON78	-	FFOS4SK8	-	MP351236	12
5000 00		8190640	-	AFS3914	-	AFU4CON90	-	FFOT332T	-	MP351240	8
5721 10	16	8190641	-	AFS3915	-	AFUSFSK	62	FFOT342T	-	MP351243	-
5721 11	-	8400010	50	AFS3953	-	AFUTFT	-	FFRB42	65	MP351245	10
5721 30	-	8400020	-	AFS3954	-	AM1C	28	FFRB63	-	MP351247	14
5721 32	-	8400030	51	AFS3955	-	C		FFRB124	-	MP351250	9
5724 67	-	8400040	-	AFSSFSKS	-	CAV185	26	FRL42	-	MP351260	8
		8400050	-	AFSTFT	-	CAV275	-	FRL63	-	MP351273	-
7000 00		8400060	50	AFU1CON78	63	CAV285	-	FRL124	-	MP351275	10
7300 60	16	8400061	-	AFU1CON90	-	CAV285	-	FRLEB42	-	MP351276	12
7300 70	-	8403700	-	AFU2BB78	-	CAV375	-	FRLEB63	-	MP351277	14
7300 98	-	8403722	-	AFU2BB90	-	CAV385	-	FRLEB124	-	MP351279	11
7330 60	-	8403730	-	AFU2CON78	-	CAV475	-	FRLI42	-	MP351289	13
7330 70	-	8403740	-	AFU2CON90	-	CAV485	-	FRLI63	-	MP351299	11
7330 98	-	8403750	51	AFU261	62	CAV2110	-	FRLI124	-	MP351303	8
		8403751	-	AFU265	-	CAV3110	-	FRLRB42	-	MP351305	10
8000 00		8406000	50	AFU2612	-	CAV4110	-	FRLRB63	-	MP351306	12
8204 50	16	8406022	-	AFU2613	-	CB3	-	FRLRB124	-	MP351307	14
8204 51	-	8406030	-	AFU2615	-	F		FTP42	66	MP351309	13
8207 01	35	8406040	-	AFU2617	-	FBL1BCT	27	FTP63	-	MP351319	9
8207 02	-	8406072	51	AFU2618	-	FBL1MCT	-	FTP124	-	MP351333	8
8207 03	-	8406073	-	AFU2652	-	FBL1SCT	-	FTPI42	-	MP351335	10
8207 12	-	8409000	50	AFU2653	-	FBL1SET	-	FTPI63	-	MP351336	12
8207 18	-	8409022	-	AFU2654	-	FBL1BET	-	FTPI124	-	MP351337	14
8207 30	-	8409030	-	AFU2655	-	FBL1MET	-	FTPEB42	-	MP351367	-
8207 32	-	8409040	-	AFU2656	-	FBL1SET	-	FTPEB63	-	MP351389	9
8207 34	-	8409081	51	AFU3BB78	63	FBL2ABS	-	FTPEB124	-	MP351393	8
8207 38	-	8412000	50	AFU3BB90	-	FBL2BCT	-	FTPRB42	-	MP351395	10
8207 52	-	8412022	-	AFU3CON78	-	FBL2BET	-	FTPRB63	-	MP351396	12
8207 54	-	8412030	-	AFU3CON90	-	FBL2COM	-	FTPRB124	-	MP351397	14
8207 58	-	8412040	-	AFU311	62	FBL2COM	-	L		MP351399	13
8208 01	36	8650210	51	AFU3112	-	FBL2MCT	-	LSG2	28	MP351409	9
8208 02	-	A		AFU3113	-	FBL2MET	-	M		MP351427	15
8208 03	-	AFS2BB261	61	AFU3115	-	FBL2SET	-	MP351029	9	MP351439	9
8208 12	-	AFS2BB265	-	AFU3117	-	FBL2SCT	-	MP351043	-	MP351449	-
8208 18	-	AFS3BB361	-	AFU3118	-	FBL3ABS	-	MP351045	11	MP351453	-
8208 30	-	AFS3BB365	-	AFU315	-	FBL3COM	-	MP351046	13	MP351455	11
8208 32	-	AFS3BB391	-	AFU3152	-	FBL3BCT	-	MP351049	16	MP351456	13
8208 34	-	AFS3BB395	-	AFU3153	-	FBL3MCT	-	MP351059	-	MP351459	9
8208 38	-	AFS4BB261	-	AFU3154	-	FBL3SCT	-	MP351069	-	MP351469	-
8208 52	-	AFS4BB265	-	AFU3155	-	FBL3BET	-	MP351073	9	MP351483	-
8208 54	-	AFS4BB361	-	AFU3156	-	FBL3MET	-	MP351075	11	MP351485	11
8208 58	-	AFS4BB365	-	AFU361	-	FBL3SET	-	MP351077	13	MP351486	13
8209 01	37	AFS4BB391	-	AFU3613	-	FF42	65	MP351076	13	MP351499	9
8209 02	-	AFS4BB395	-	AFU3617	-	FF63	-	MP351077	15	MP351513	-
8209 03	-	AFS261	-	AFU3618	-	FF124	-	MP351089	16	MP351515	11
8209 12	-	AFS2613	-	AFU365	-	FFEB42	-	MP351099	-	MP351516	13
8209 18	-	AFS2614	-	AFU3653	-	FFEB63	-	MP351103	9	MP351523	8
8209 30	-	AFS2615	-	AFU3654	-	FFEB124	-	MP351105	11	MP351525	10
8209 38	-	AFS265	-	AFU3656	-	FFI42	-	MP351106	13	MP351526	12
8209 58	-	AFS2653	-	AFU391	-	FFI63	-	MP351107	15	MP351527	14
8218 21	51	AFS2654	-	AFU3912	-	FFI124	-	MP351107	15	MP351533	9
8218 22	-	AFS2655	-	AFU3913	-	FFO3BB	60	MP351109	16	MP351535	11
8218 23	-	AFS361	-	AFU3915	-	FFO4BB	-	MP351173	8	MP351536	13
8218 24	-	AFS391	-	AFU3917	-	FF0330	-	MP351175	10	MP351563	8
8218 25	-	AFS395	-	AFU3918	-	FF0332	-	MP351176	12	MP351565	10
8218 26	-	AFS3611	-	AFU395	-	FF0342	-	MP351177	14	MP351566	12
8218 27	-	AFS3613	-	AFU3952	-	FF03311	-	MP351189	9	MP351567	15
8218 30	-	AFS3614	-	AFU3953	-	FF03312	-	MP351203	8	MP351597	-
8218 46	16	AFS365	-	AFU3954	-	FF03313	-	MP351205	10	MP820329	16
8218 47	-	AFS3653	-	AFU3955	-	FF03411	-	MP351206	12	MP820339	-
		AFS3654	-	AFU3956	-	FF03413	-	MP351207	14		
				AFU4BB78	63	FFOS3SK6	-	MP351220	8		
						FFOS3SK8	-				

Cat. Nos.	Page No.	Cat. Nos.	Page No.	Cat. Nos.	Page No.	Cat. Nos.	Page No.
P		PW143	39	PW312	38	SP3231	27
		PW144	-	PW313	39	SP3300	-
PED1WHI	63	PW145	-	PW314	-	SP3310	-
PED2WHI	-	PW146	-	PW315	-	SP3403	-
PED3WHI	-	PW147	-	PW316	-	SP3404	-
PED4WHI	-	PW148	-	PW317	-	SP3408	-
PED8WHI	-	PW149	38	PW318	-	SP3603	-
PG6	28	PW150	-	PW319	38	SP4000	-
PG6D	-	PW151	-	PW320	-	SP4106	-
PG6PD	-	PW152	-	PW321	-	SP4107	-
PG6RCD	-	PW153	-	PW322	-	SP4200	-
PW11	38	PW154	-	PW323	-	SP4201	-
PW12	-	PW155	39	PW324	-	SP4202	-
PW13	-	PW156	-	PW325	39	SP4203	-
PW14	-	PW157	-	PW326	-	SP4206	-
PW15	-	PW158	-	PW327	-	SP4207	-
PW16	-	PW159	-	PW328	-	SP4211	-
PW17	-	PW160	-	PW329	-	SP4212	-
PW18	-	PW210	38	PW330	-	SP4221	-
PW19	-	PW211	-	PW331	38	SP4231	-
PW21	-	PW212	-	PW332	-	SP4300	-
PW22	-	PW213	39	PW333	-	SP4310	-
PW23	-	PW214	-	PW334	-	SP4403	-
PW24	-	PW215	-	PW335	-	SP4404	-
PW25	-	PW216	-	PW336	-	SP4408	-
PW26	-	PW217	-	PW343	39	SP4603	-
PW27	-	PW218	-	PW344	-		
PW28	-	PW219	38	PW345	-		
PW29	-	PW220	-	PW346	-		
PW31	-	PW221	-	PW347	-		
PW32	-	PW222	-	PW348	-		
PW33	-	PW223	-	PW349	38		
PW34	-	PW224	-	PW350	-		
PW35	-	PW225	39	PW351	-		
PW36	-	PW226	-	PW352	-		
PW37	-	PW227	-	PW353	-		
PW38	-	PW228	-	PW354	-		
PW39	-	PW229	-	PW355	39		
PW110	-	PW230	-	PW356	-		
PW111	-	PW231	38	PW357	-		
PW112	-	PW232	-	PW358	-		
PW113	39	PW233	-	PW359	-		
PW114	-	PW234	-	PW360	-		
PW115	-	PW235	-				
PW116	-	PW236	-	S			
PW117	-	PW243	39	SG6	28		
PW118	-	PW244	-	SLAB1	26		
PW119	38	PW245	-	SLAB2	-		
PW120	-	PW246	-	SLAB3	-		
PW121	-	PW247	-	SLAB4	-		
PW122	-	PW248	-	SPSCREW	27		
PW123	-	PW249	38	SP3000	-		
PW124	-	PW250	-	SP3105	-		
PW125	-	PW251	-	SP3106	-		
PW126	-	PW252	-	SP3107	-		
PW127	-	PW253	-	SP3200	-		
PW128	-	PW254	-	SP3201	-		
PW129	-	PW255	39	SP3202	-		
PW130	-	PW256	-	SP3203	-		
PW131	-	PW257	-	SP3205	-		
PW132	-	PW258	-	SP3206	-		
PW133	-	PW259	-	SP3207	-		
PW134	-	PW260	-	SP3211	-		
PW135	-	PW310	38	SP3212	-		
PW136	-	PW311	-	SP3221	-		

Protection classifications

Protection against solid bodies and liquids : Index of protection - IP xx

Degree of protection of enclosures of electrical equipment in accordance with standards IEC 60529, BS EN 60529
Up to 1 000 V~ and 1 500 V=

1st digit: protection against solid bodies			Additional letter IP XX (ABCD): protection against direct contact resulting from the access to hazardous current-carrying parts			2nd digit: protection against liquids		
IP	tests		IP	tests	protection	IP	tests	
0		No protection				0		No protection
1		Protected against solid bodies larger than 50 mm	A		The back of the hand remains remote from dangerous parts	1		Protected against vertically-falling drops of water (condensation)
2		Protected against solid bodies larger than 12.5 mm	B		The dangerous parts can not be touched when introducing a finger	2		Protected against drops of water falling at up to 15° from the vertical
3		Protected against solid bodies larger than 2.5 mm	C		The dangerous parts can not be touched when introducing a tool (eg a screwdriver)	3		Protected against drops of rain water at up to 60° from the vertical
4		Protected against solid bodies larger than 1 mm				4		Protected against projections of water from all directions
5		Protected against dust (no harmful deposit)				5		Protected against jets of water from all directions
6		Completely protected against dust	D		The dangerous parts can not be touched when introducing a wire	6		Protected against jets of water of similar force to heavy seas
						7		Protected against the effects of immersion
						8		Protected against prolonged effects of immersion under pressure

Protection against mechanical impact : Index of protection - IK

According to standards IEC 62262 and BS EN 62262

IK	Tests	Impact energy (in Joules)
IK 00		0
IK 01		0.15
IK 02		0.2
IK 03		0.35
IK 04		0.5
IK 05		0.7
IK 06		1
IK 07		2
IK 08		5
IK 09		10
IK 10		20

(1) A product previously classed as IP xx-7 can be assumed to fulfill the conditions of an IP xx - IK 08

This table can be used to ascertain the resistance of a product to an impact given in Joules from the IK code (graduated from 00 to 10). It can also be used to ascertain the correspondence with the old IP code 3rd digit and the corresponding external "Ag" conditions.

The contents of the Protection Classifications charts are for guidance only. If you have any doubt as to the interpretation of the information contained therein, please refer either to the standard itself or contact Legrand.

Health and Safety at Work, etc. Act. 1974

Statement to Purchasers and Prospective Purchasers

1. Section 6 of this Act provides that manufacturers, designers, importers or suppliers of articles for use at work have a duty to ensure so far as is reasonably practical, that the article will be safe and without risk to health when properly used. An article is not regarded as being 'properly used' if it is used without regard to any relevant information or advice relating to its use made available by the manufacturer, designer, importer or supplier.

2. With regard to these provisions the following is given as a guide to the information which is readily available to you. This information relates to those products detailed in our catalogue(s) or associated literature or may be obtained by specific request to the Company.

3. All products should be installed and maintained in accordance with good engineering practice and relevant British or

other applicable standards, regulations for the installation of equipment by the Institute of Electrical Engineers or any other applicable Codes of Practice.

Health and Safety at Work Act

The Electricity at Work Regulations, 1989

1. All installations and maintenance should be carried out within the provision of the above Act and by persons so qualified as defined in the Act.

2. Information and advice on the suitability of our products can be obtained from Legrand Electric Limited on specific request.

For information concerning wiring device standards outside the UK contact :

BSI

Tel : +44 (0) 20 8996 9000

Fax : +44 (0) 20 8996 7001

Email : cservices@bsigroup.com

www.bsigroup.com

marking appears on electrical or electronic products from Legrand and enables the circulation of goods outside the UK.



Conditions of sale
Please consult our current price list

In accordance with its policy of continuous improvement the Company reserves the right to change specifications and designs without notice. All illustrations, descriptions, dimensions and weights in this catalogue are for guidance and cannot be held binding on the Company.

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