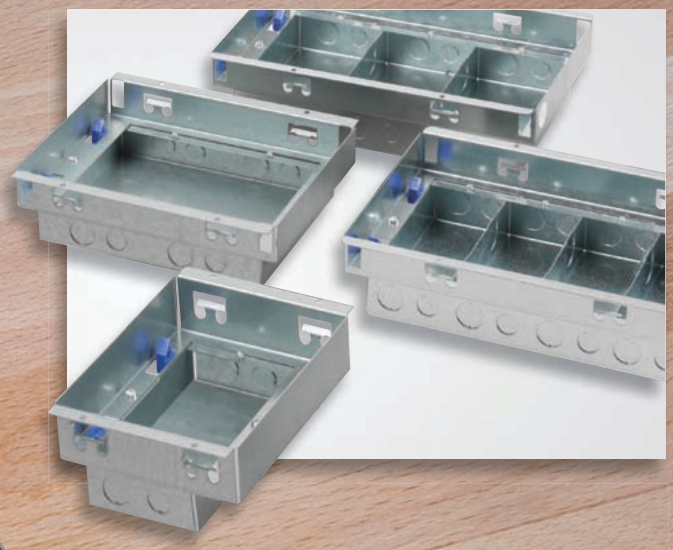
NEW cavity floor boxes... building on success

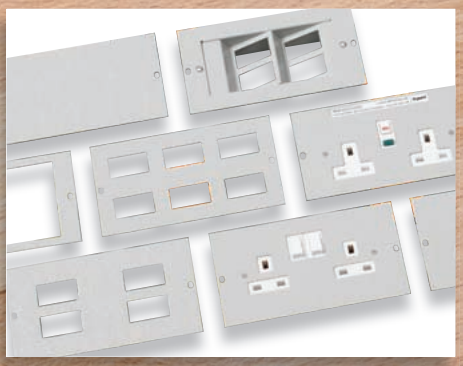
Legrand's new range of cavity floor boxes offer a modular product that is simpler to order. Components are sold separately enabling any configuration to be accommodated on site.

Available in 1, 2, 3 and 4 compartments and three depths - the new 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 better accommodate moulded plugs







Full range of module and accessory plates

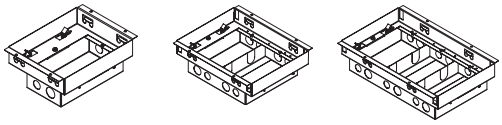
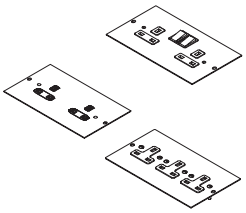
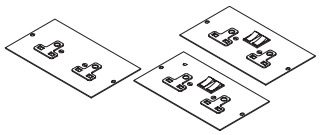
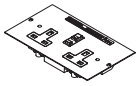
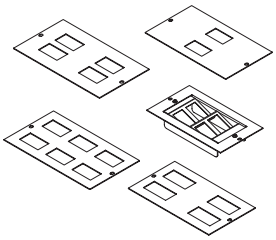
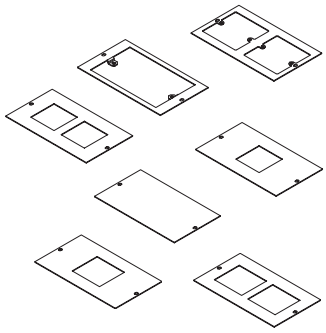


Bespoke metal trims are available in any RAL reference to suit a building's design scheme


Reversible lid
2 cable outlets with sponge foam to prevent ingress
Rapid fit /remove mechanism adjusts for flooring thickness
Durabable ABS trim and lid surround
Full range of power and data module plates
20mm and 25mm knockouts
Removable base for easy wiring
Inter-compartment knockouts
Rapid fit push lock secures base in floor aperture

cavity floor service outlet boxes
selection chart

NEW

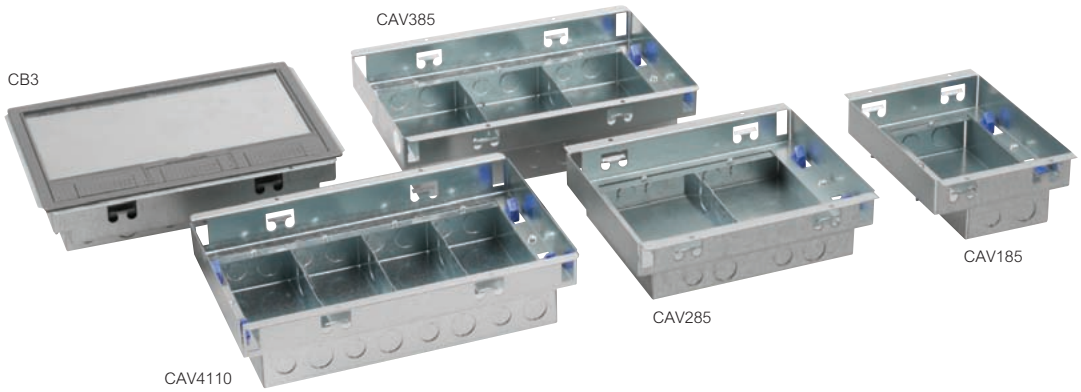
No. of compartments	
Floor box base	
Depth 	Cavity floor box base 75 mm deep
	Cavity floor box base 85 mm deep
	Cavity floor box base 110 mm deep
Socket outlet plates	
13 A standard 	13 A twin switched socket plate
	13 A twin unswitched socket plate
	13 A twin switched clean earth socket plate
	13 A 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 unswitched socket plate
	13 A twin NS switched clean earth socket plate
RCD 	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
	50 x 50 mm – 1 cut-out plate
	50 x 50 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 – 6 mm recess
	Metal, powder coated with edge trim – 10 mm recess
	Stainless steel with carpet trim – 6 mm recess
	Stainless steel with edge trim – 10 mm recess
	Brass with carpet trim – 6 mm recess
	Brass with edge trim – 10 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
	SP3220	SP3220	SP3220	SP4220
	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

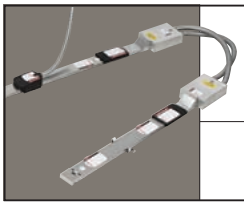
NEW



Cavity floor service outlet boxes selection chart (p. 10-11)
Dimensions and technical information (p. 16)

Pack	Cat. Nos.	Cavity floor boxes
		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
1	CB3	3 compartment contractor floor box
		Floor box bases
		Supplied empty Lids and trims are detailed on p. 13 Outlet plates are detailed on p. 13
		1 compartment floor box base
		Recommended hole cut-out size : 165-167 mm x 203-205 mm
1	CAV185	85 mm deep
		2 compartment floor box base
		Recommended hole cut-out size : 263-265 mm x 203-205 mm
1	CAV275	75 mm deep
1	CAV285	85 mm deep
1	CAV2110	110 mm deep

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



Cavity floor boxes and slab boxes are available pre-wired to tap-offs

see p. 15

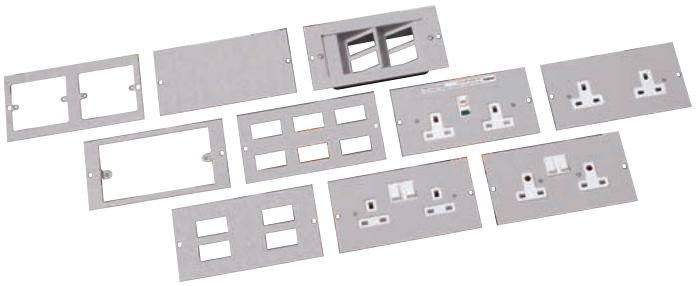


Floor boxes with built-in RCD and RCBOs are also available

Contact us on +44 (0) 870 608 9020

outlet plates for floor boxes
power and data

NEW



Dimensions and technical information (p. 16)
Cavity floor outlet boxes selection chart (p. 10-11)
Installation details (p. 17)

Plates to fit 1, 2 and 3 compartment boxes are all 100 mm wide
4 compartment plates 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

Power and data plates

Pack	Cat. Nos. 1, 2, 3 comp. 100 mm wide	Cat. Nos. 4 comp. 75 mm wide	
			13 A standard socket plates
1	SP3201	SP4201	Twin switched
1	SP3200	SP4200	Twin unswitched socket plate
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	SP3220	SP4220	Twin NS unswitched
1	SP3231	SP4231	Twin NS switched clean earth
			RCD socket plates
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	50 x 50 mm – 1 cut-out plate
1	SP3206	SP4206	50 x 50 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

NEW

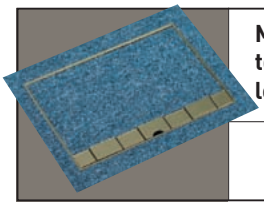


Dimensions and technical information (p. 16)
Cavity floor outlet boxes selection chart (p. 10-11)
Installation details (p. 17)

Moulded lids and trims are manufactured from durable ABS and feature a quick fit / release ratchet system
Carpet trim versions are supplied with a 6 mm carpet recess
Edge trim versions are supplied with a 10 mm recess
Metal trim versions are powder coated grey RAL 7024 matt as standard
Stainless steel is satin finish as standard
Brass is polished finish as standard

Floor box lids and trims

Pack	Cat. Nos. 1 comp.	Cat. Nos. 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

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cavity floor grommets



0893 07



AM1 C



LSG2

Dimensions and technical information (p. 16)

150 mm plastic grommets

Pack	Cat. Nos.	
		Hole size 152 mm Carpet recess optional on power versions Secured by quarter-turn fasteners
1	SG6	**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

NEW Available 2013

125 mm aluminium grommets

Pack	Cat. Nos.	
		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)
1	089307	**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

250 mm grommet

Pack	Cat. Nos.	
		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
1	LSG2	**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

Refer to p. 15 for pre-wired Cat. Nos.

pre-wired cavity floor boxes, slab boxes and grommets

NEW

configuration table

The table below details the elements required to correctly order a pre-wired floor box, slab box or grommet
Simply suffix the outlet unit Cat. No. with the relevant "PR" Cat. No. from the table
Outlet options are detailed in the cavity floor box section and the tap-offs are detailed within the power track section, eg :

4 compartment cavity floor box, 110mm deep pre-wired with 2 x clean earth twin switched sockets to a CTO3F tap-off = CAV4110PR23
3 compartment slab box, pre-wired with 1 x twin switched socket to a ST05F tap-off = SLAB3PR3



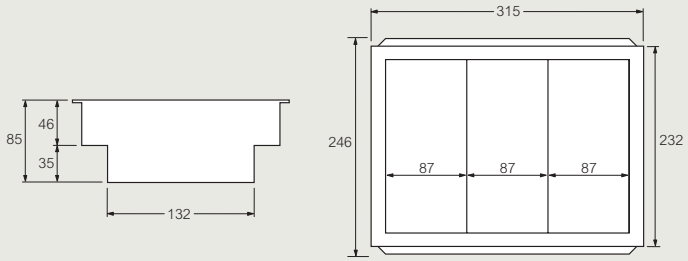


Tap-off Cat. Nos.	ST03U	ST03F	ST05F	CT03U	CT03F	CT05F
1 x 13 A standard socket outlet						
13 A twin switched socket plate	PR1	PR2	PR3			
13 A twin unswitched socket plate	PR4	PR5	PR6			
13 A twin switched clean earth socket plate				PR7	PR8	PR9
13 A triple unswitched socket plate	PR10	PR11	PR12			
13 A triple unswitched clean earth socket plate				PR13	PR14	PR15
2 x 13 A standard socket outlets						
13 A twin switched socket plate	PR16	PR17	PR18			
13 A twin unswitched socket plate	PR19	PR20	PR21			
13 A twin switched clean earth socket plate				PR22	PR23	PR24
13 A triple unswitched socket plate	PR25	PR26	PR27			
13 A triple unswitched clean earth socket plate				PR28	PR29	PR30
1 x 13 A non-standard						
13 A twin NS switched socket plate	PR31	PR32	PR33			
13 A twin NS unswitched socket plate	PR34	PR35	PR36			
13 A twin NS switched clean earth socket plate				PR37	PR38	PR39
2 x 13 A non-standard						
13 A twin NS switched socket plate	PR40	PR41	PR42			
13 A twin NS unswitched socket plate	PR43	PR44	PR45			
13 A twin NS switched clean earth socket plate				PR46	PR47	PR48
1 x RCD						
2 gang RCD socket plate	PR49	PR50	PR51			
2 gang RCD socket plate – clean earth				PR52	PR53	PR54
2 x RCDs						
2 gang RCD socket plate	PR55	PR56	PR57			
2 gang RCD socket plate – clean earth				PR58	PR59	PR60

cavity floor service outlet boxes and grommets
technical information

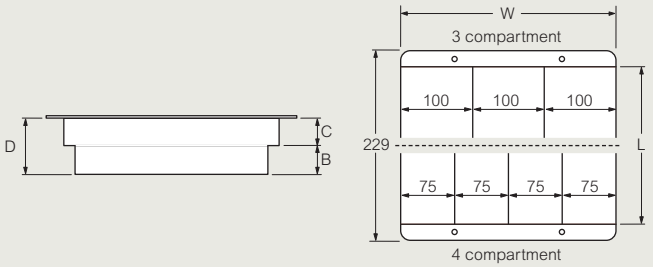
■ Cavity floor service outlet boxes

Contractor floor box
Cut-out 302-304 mm x 219-221 mm



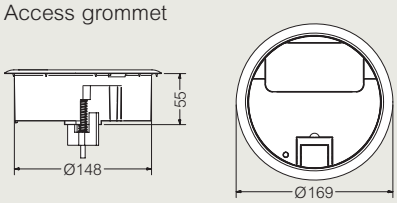
	Cutout					
	D	B	C	W	L	Plate Size
CAV185	85	45	40	165	203	100
CAV275	75	35	40	263	203	100
CAV285	85	45	40	263	203	100
CAV2110	110	45	65	263	203	100
CAV375	75	35	40	340	203	100
CAV385	85	45	40	340	203	100
CAV3110	110	45	65	340	203	100
CAV475	75	35	40	340	203	75
CAV485	85	45	40	340	203	75
CAV4110	110	45	65	340	203	75

Floor box bases
Cat. Nos. CAV1, CAV2, CAV3 and CAV4



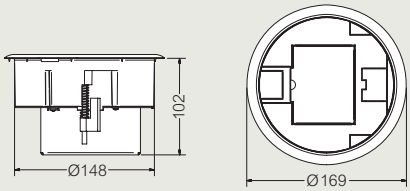
■ 150 mm plastic grommets

Access grommet



Cat. No. SG6

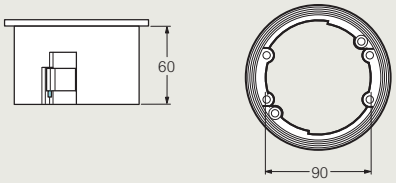
Power grommet



Cat. No. PG6

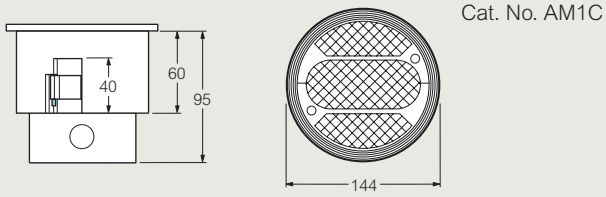
■ 125 mm aluminium grommets

Access grommet



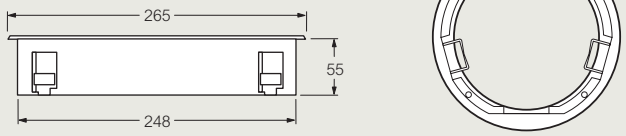
Cat. No. 089307

13 A power grommet



Cat. No. AM1C

■ 250 mm grommet



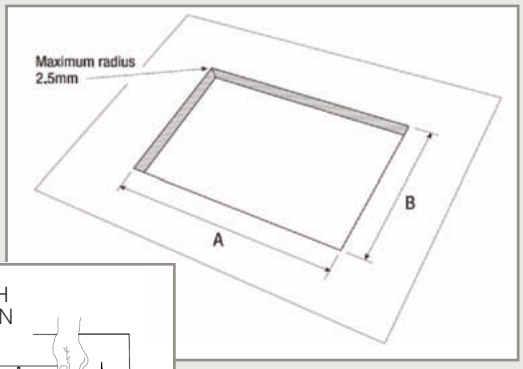
Cat. No. LSG2

All dimensions (mm) are nominal

cavity floor service outlet boxes and grommets
installation

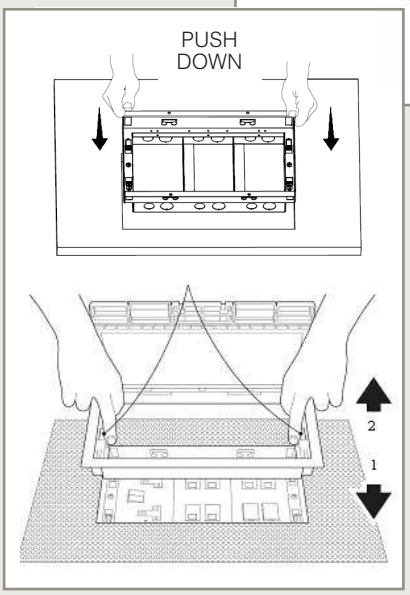
1 **Cut hole in floor tile**

	Minimum A	Maximum A	Minimum B	Maximum 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



2 **Install box**

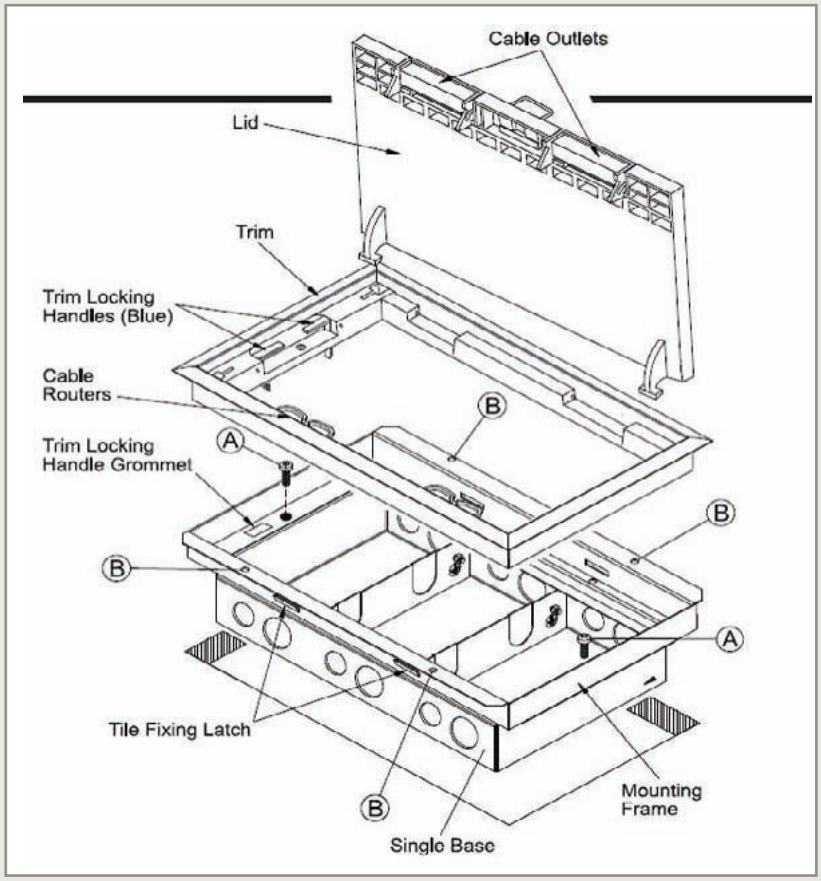
Lower base box into aperture and push firmly down
This will engage the fixing latches



3 **Fitting lid and trim**

Lid and trim is a simple push fit
1 The rachets 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 positionedinto 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)

Power track... delivering power to the workspace

Legrand's Arena-Walsall power track is the ultra compact, versatile choice to supply power in cavity floor scenarios. When used with a Soluflex cavity floor system it creates a flexible cable management system which can adapt to changing requirements.



This compact busbar system is available in standard, clean earth, dual circuit and three phase versions - all of which are quick to install and flexible:

- Push fit connections
- Easily reconfigured
- Overall height of just 47 mm
- ASTA certified and tested to BS EN 60439-1:1999 and BS EN 60439-2:2000

The Arena-Walsall power track system has much to offer the specifier, installer and end user:

Specifier - The modular system simplifies the wiring plan to a linear grid which is easy to design and has built in flexibility to cope with a wide range of final end user requirements which are often unknown at the design stage.

Installer - The principle of a linear grid simplifies the estimating process. The system is quick and easy to install on site and its modular nature helps reduce wastage associated with trunking, tray and cable.

The end user - The availability of shuttered outlets throughout the linear grid facilitates the movement, addition and deletion of local power supplies. This facility is beneficial, particularly in commercial environments which experience frequent change.



PRODUCT RANGES



STANDARD

Two bar and earth 63 A power track system



CLEAN EARTH

Three bar and earth 63 A power track system including an independent clean earth copper bar



DUAL CIRCUIT

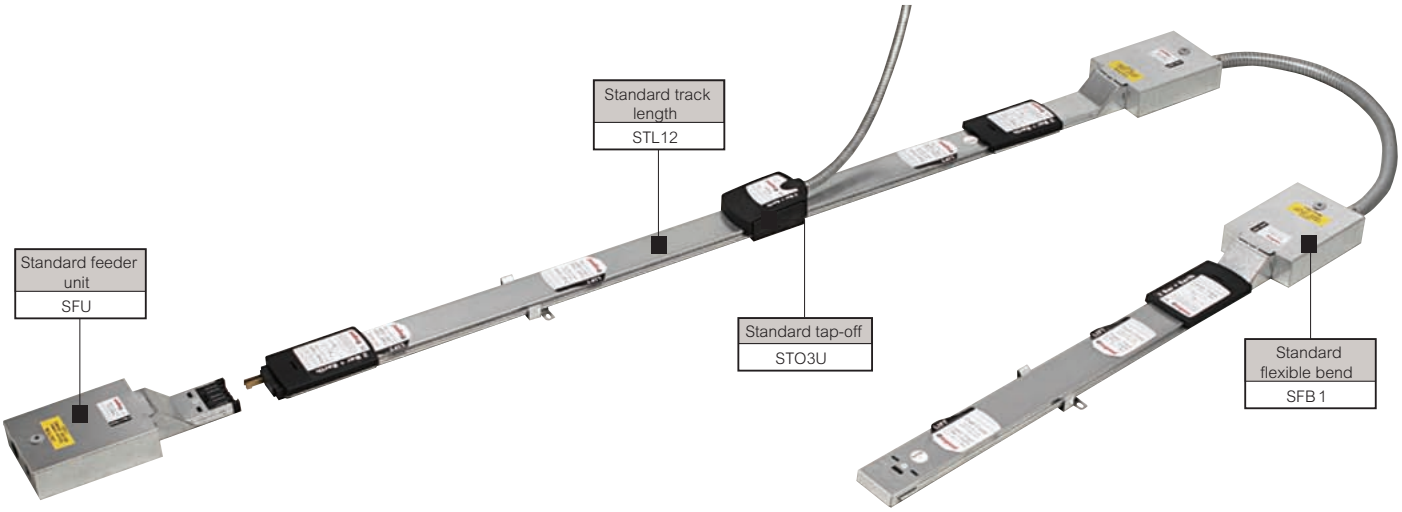
Five bar and earth 50 A power track system incorporating both standard and clean earth systems within one enclosure. Tap-offs from the standard, clean earth and dual circuit ranges can be used



THREE PHASE

Four bar and earth 50 A power track system. Three phased bars, one neutral bar and earth

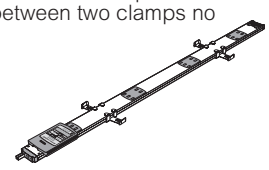
Arena-Walsall® power track system
standard

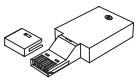


Dimensions and technical information (p. 24-25)

Two bar and earth 63 A power track system

Pack	Cat. Nos.	Track lengths and feeder unit
		Standard track lengths
		Supplied complete with hold down clamps Recommended spacing between two clamps no greater than one metre
1	STL12	1·2 metres, 4 tap-offs
1	STL18	1·8 metres, 6 tap-offs
1	STL24	2·4 metres, 8 tap-offs
1	STL30	3·0 metres, 10 tap-offs
1	STL36	3·6 metres, 12 tap-offs
		Standard feeder unit
		Supplied with one end cap to be fitted to track end
1	SFU	2 x 20/25 mm knockout entries Terminal capacity 16 mm² maximum

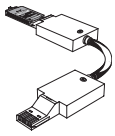


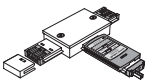


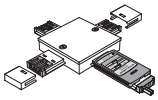
Pack	Cat. Nos.	Standard tap-offs
		All tap-offs conform to Section 607 of BS 7671 : 2001 Supplied with new cable colours to BS 7671 : 2001 amendment No. 2 'fixed wiring' These tap-offs can also be used with the dual circuit power track
1	STO3U	3 metres, unfused
1	STO3F	3 metres, fused
1	STO5F	5 metres, fused



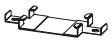
Pack	Cat. Nos.	Flexible bends and tee units
		Standard flexible bend
1	SFB1	Comprises a length of 25 mm conduit with a plug-in feed at each end, pre-wired with 10 mm² tri-rated cable Cable length = 1 metre Other lengths are available to special order Can be used as a bend or an offset
		Standard tee units
		Supplied with slider and one end cap
1	STU A	Left feed
1	STU B	Centre feed
1	STU C	Right feed
		Standard four way
1	SFW	Supplied complete with slider and two end caps

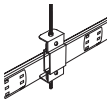


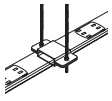




Pack	Cat. Nos.	Accessories
1	SHC	**Spare hold down clamp**
		Hanger brackets
1	SVB	Vertical hanger bracket
1	SHB	Horizontal hanger bracket
1	SEC	**Spare end cap**



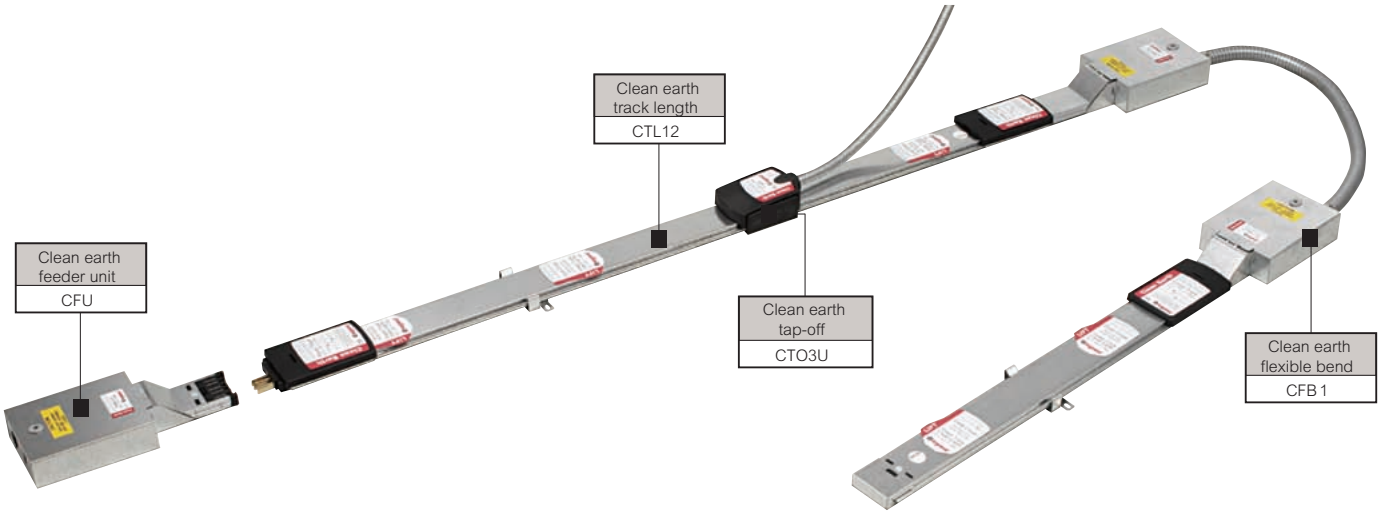






Standard power track is denoted by a white label with a black flash

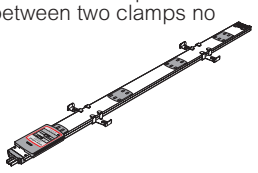
Arena-Walsall® power track system
clean earth

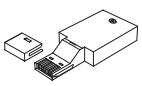


Dimensions and technical information (p. 24-25)

Three bar and earth 63 A power track system including an independent clean earth copper bar

Pack	Cat. Nos.	Track lengths and feeder unit
		Clean earth track lengths
		Supplied complete with hold down clamps Recommended spacing between two clamps no greater than one metre
1	CTL12	1·2 metres, 4 tap-offs
1	CTL18	1·8 metres, 6 tap-offs
1	CTL24	2·4 metres, 8 tap-offs
1	CTL30	3·0 metres, 10 tap-offs
1	CTL36	3·6 metres, 12 tap-offs
		Clean earth feeder unit
		Supplied with one end cap to be fitted to track end
1	CFU	2 x 20/25 mm knockout entries Terminal capacity 16 mm² maximum

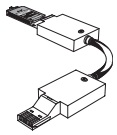


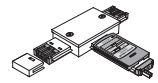


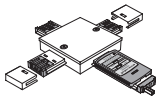
		Clean earth tap-offs
		All tap-offs conform to Section 607 of BS7671 : 2001 Supplied with new cable colours to BS 7671 : 2001 amendment No. 2 'fixed wiring' These tap-offs can also be used with the dual circuit power track
1	CTO3U	3 metres, unfused
1	CTO3F	3 metres, fused
1	CTO5F	5 metres, fused



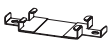
Pack	Cat. Nos.	Flexible bends and tee units
		Clean earth flexible bend
1	CFB1	Comprises a length of 25 mm conduit with a plug-in feed at each end, pre-wired with 10 mm² tri-rated cable Cable length = 1 metre Other lengths are available to special order Can be used as a bend or an offset
		Clean earth tee units
		Supplied with slider and one end cap
1	CTU A	Left feed
1	CTU B	Centre feed
1	CTU C	Right feed
		Clean earth four way
1	CFW	Supplied with slider and two end caps

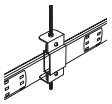


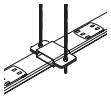




		Accessories
1	SHC	**Spare hold down clamp**
		Hanger brackets
1	SVB	Vertical hanger bracket
1	SHB	Horizontal hanger bracket
1	SEC	**Spare end cap**



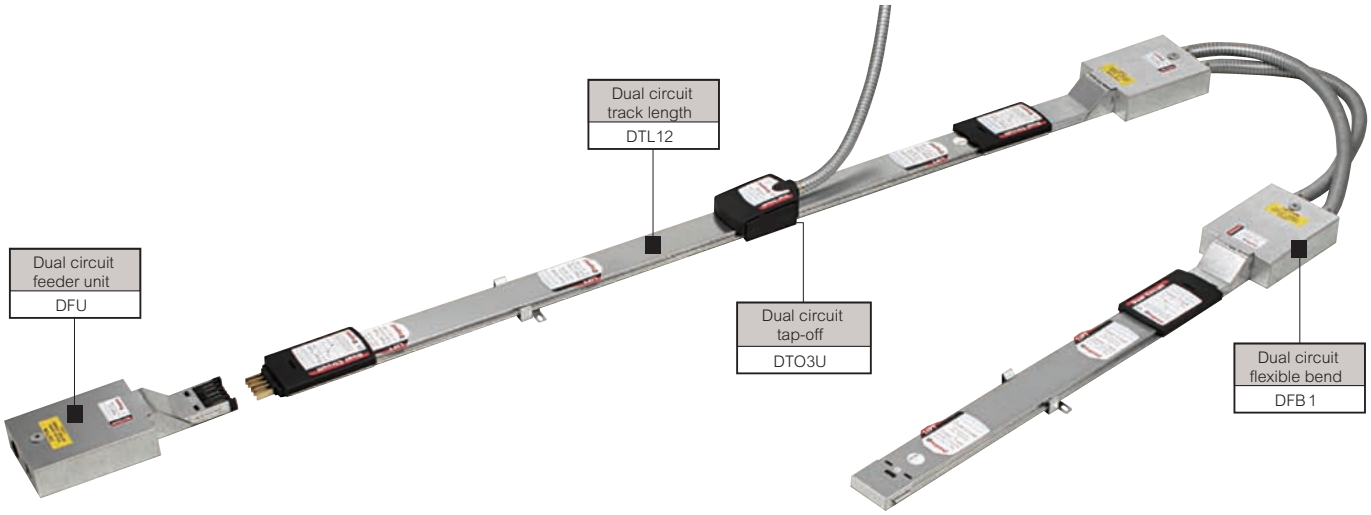






Clean earth power track is denoted by a white label with a red flash

Arena-Walsall® power track system
dual circuit

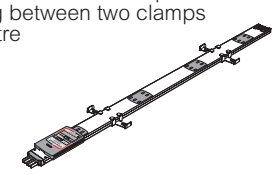


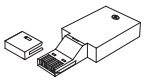
Dimensions and technical information (p. 24-25)

Five bar and earth 50 A power track system incorporating both standard and clean earth systems within one enclosure

Track lengths and feeder unit

Pack	Cat. Nos.	
		Dual circuit track lengths
		Supplied complete with hold down clamps Recommended spacing between two clamps no greater than one metre
1	DTL12	1·2 metres, 4 tap-offs
1	DTL18	1·8 metres, 6 tap-offs
1	DTL24	2·4 metres, 8 tap-offs
1	DTL30	3·0 metres, 10 tap-offs
1	DTL36	3·6 metres, 12 tap-offs
		Dual circuit feeder unit
		Supplied with one end cap to be fitted to track end
1	DFU	2 x 20/25 mm knockout entries Terminal capacity 16 mm² maximum





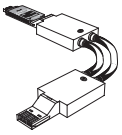
Dual circuit tap-offs

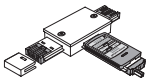
Pack	Cat. Nos.	
		All tap-offs conform to Section 607 of BS 7671 : 2001 Supplied with new cable colours to BS 7671 : 2001 amendment No. 2 'fixed wiring' These tap-offs must only be used with the dual circuit power track All tap-offs from standard and clean earth track can also be used
1	DTO3U	3 metres, unfused
1	DTO3F	3 metres, fused
1	DTO5F	5 metres, fused

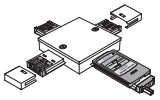


Flexible bends and tee units

Pack	Cat. Nos.	
		Dual circuit flexible bend
1	DFB1	Comprises a length of 25 mm conduit with a plug-in feed at each end, pre-wired with 10 mm² tri-rated cable Cable length = 1 metre Other lengths are available to special order Can be used as a bend or an offset
		Dual circuit tee units
		Supplied with slider and one end cap
1	DTU A	Left feed
1	DTU B	Centre feed
1	DTU C	Right feed
		Dual circuit four way
1	DFW	Supplied with slider and two end caps

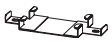


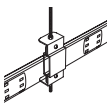


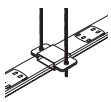


Accessories

1	SHC	**Spare hold down clamp**
		Hanger brackets
1	SVB	Vertical hanger bracket
1	SHB	Horizontal hanger bracket
1	SEC	**Spare end cap**

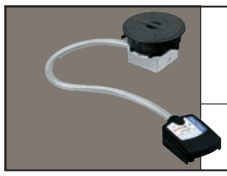








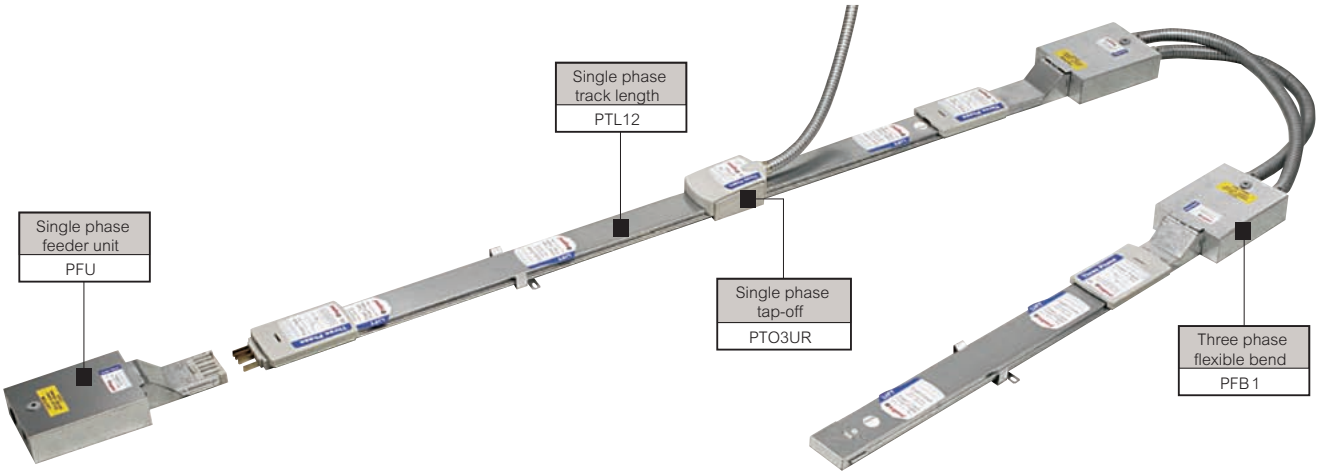
Dual circuit power track is denoted by a white label with a black and red flash



For pre-wired floor boxes and grommets, see p. 15

Contact us on +44 (0) 870 608 9020

Arena-Walsall® power track system
three phase



Dimensions and technical information (p. 24-25)

Four bar and earth 50 A power track system
Three phased bars, one neutral bar and earth

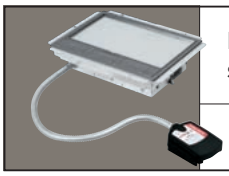
Pack	Cat. Nos.	Track lengths and feeder unit
		Three phase track lengths
		Supplied complete with hold down clamps Recommended spacing between two clamps no greater than one metre
1	PTL12	1·2 metres, 4 tap-offs
1	PTL18	1·8 metres, 6 tap-offs
1	PTL24	2·4 metres, 8 tap-offs
1	PTL30	3·0 metres, 10 tap-offs
1	PTL36	3·6 metres, 12 tap-offs
		Three phase feeder unit
		Supplied with one end cap to be fitted to track end
1	PFU	2 x 20/25mm knockout entries Terminal capacity 16 mm² maximum

		Tap-offs for three phase power track
		Single phase tap-offs
		All tap-offs conform to Section 607 of BS 7671 : 2001 Supplied with new cable colours to BS 7671 : 2001 amendment No. 2 'fixed wiring' These tap-offs must only be used with the 3 phase power track
1	PTO3UR	3 metres, unfused reconfigurable
1	PTO3FR	3 metres, fused reconfigurable
1	PTO5FR	5 metres, fused reconfigurable
		Three phase tap-off
		All tap-offs conform to Section 607 of BS7671 : 2001 Supplied with new cable colours to BS 7671 : 2001 amendment No. 2 'fixed wiring' This tap-off must only be used with the 3 phase power track
1	PTO3U	3 metres, unfused (L1, L2 and L3 connected)

Pack	Cat. Nos.	Flexible bends and tee units
		Three phase flexible bend
1	PFB1	Comprises a length of 25 mm conduit with a plug-in feed at each end, pre-wired with 10 mm² tri-rated cable Cable length = 1 metre Other lengths are available to special order Can be used as a bend or an offset
		Three phase tee units
		Supplied with slider and one end cap
1	PTU A	Left feed
1	PTU B	Centre feed
1	PTU C	Right feed
		Three phase four way
1	PFW	Supplied with slider and two end caps

		Accessories
1	SHC	**Spare hold down clamp**
		Hanger brackets
1	SVB	Vertical hanger bracket
1	SHB	Horizontal hanger bracket
1	SEC	**Spare end cap**

Three phase power track is denoted by a white label with a blue flash



For pre-wired floor boxes and grommets, see p. 15

Contact us on +44 (0) 870 608 9020

■ Specification / technical data

Electrical data	
Rated current	63 A/50 A
Rated voltage	250 V/415 V
Frequency	50/60 Hz
Rated short circuit withstand	16 kA
Track conductor resistance – line and neutral	3 mΩ/m
Track conductor impedance	1·43 mΩ/m

Volt drops	
Line and neutral : track	2·86 mV/A/m
Tap-off (32 A - 4 mm² cable)	10 mV/A/m
Flexible bend (10 mm² tri-rated cable)	3·7 mV/A/m
Feed unit	0·3 mV/A/m
Track connector	0·4 mV/A/m

Earth fault loop	
Impedance : L+N track conductors	1·5 mΩ/m
Earth track conductor	1·2 mΩ/m
Tap-off (32 A - 4 mm² cable)	33 mΩ (3 metre L/N/E)
Feed unit	0·3 mΩ
Track connector	0·4 mΩ
Flexible bend (10 mm² tri-rated cable)	3·7 mΩ (1 metre L/N/E)

Mechanical data	
Number of conductors	PE + 2,3,4 and 5
Track conductor cross section area	13 mm²
Incoming cable termination capacity	16 mm²
Tap-off cable 32 A unfused	4 mm²
Tap-off cable 13 A fused	L/N : 2·5 mm², E : 4 mm²
Tap-off conduit	16 mm/20 mm diameter
Feeder conduit entry	20 mm/25 mm diameter
IP rating	IP 40 (when fully assembled)
Maximum profile height	47 mm including tap-off
Track height	17 mm

Material specification	
Track housing	Galvanised steel
Track conductors	High conductivity copper
Track insulator	Self extinguishing PVC extrusion
Sockets, track connectors, track ends	Nylon
Tap-off plugs	Nylon
End shutters and track shutters	Glass filled nylon
Tap-off / flexible bend cable	LSF/PVC
Tap-off / feeder and connector pins	Brass

■ Standards

Certification

Asta Certified and tested to BS EN 60439-1 : 1999 and BS EN 60439-2 : 2000
Manufactured within an approved ISO 9001 : 2008 facility

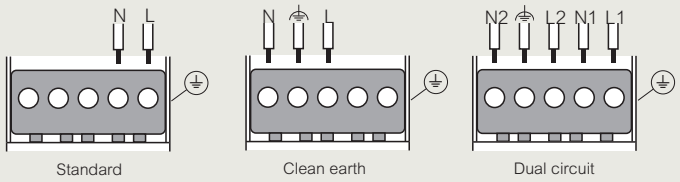
IEE Wiring Regulations

Legrand power track system is suitable for installation to BS7671 : 2001 or BS 7671 : 2008

Installations having high protective conductor currents (formerly Section 607, BS7671 : 2001)

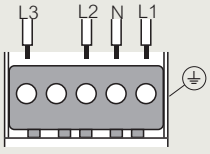
Legrand power track system allows compliance with regulation 543·7, BS7671 : 2008 and Section 607, BS7671 : 2001. However, this requirement must be stated at the time of order to ensure the correct system components are selected

■ Terminal block connections



Standard | Clean earth | Dual circuit

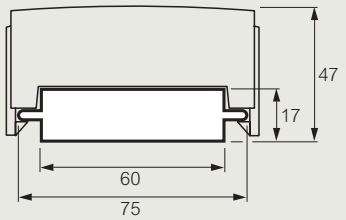
The three types above are compatible and an installation can be downrated from the dual circuit to either standard or clean earth in mid-run by means of a flexible bend or direct connection (see opposite)



Three phase

The three phase system is not interchangeable

■ Track length



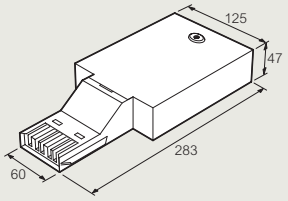
All dimensions in mm

Overall height : 47 mm with feeder unit and tap-off

All dimensions (mm) are nominal

■ Feeder units

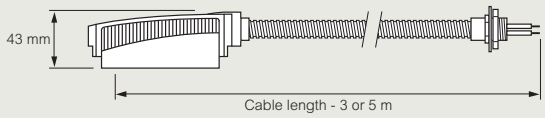
Two – 20/25 mm knockout entries
Terminal capacity 16 mm² maximum
Supplied complete with terminal block, lid and turnbuckle fastener and one end cap



■ Tap-offs and pre-wired floor boxes

Section 434.2.1 of the Wiring Regulations requires any conductor exceeding 3 m in length to have a fault current protective device (e.g. fuse) at the point where current carrying capacity is reduced (tap-off plug)
All tap-offs over 3 m will be supplied with a BS 1362 13 A fuse fitted within the plug
If the system is to be protected by a 32 A breaker then unfused tap-offs exceeding 3 m may be specified at time of order
If a floor service unit, supplied by a single tap-off, contains more than 2 x 13 A socket outlets then the total loading of the service box must not exceed 32 amps
Other pre-wired tap-off lengths are available on request, contact us on +44 (0) 870 608 9020

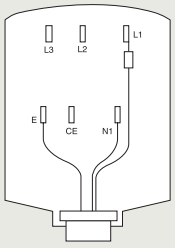
Unfused tap-offs are rated at 32 A
Fused tap-offs are supplied with a standard BS 1362 13 A fuse



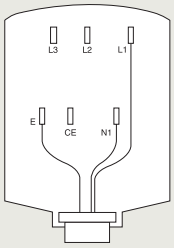
Tap-off length refers to the cable and not the conduit length
The conduit is 250 mm shorter than the cable length

■ Tap-offs for three phase power track

Single phase tap-offs

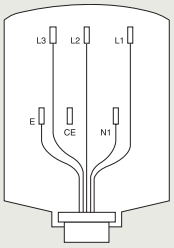


PTO3FR/PTO5FR
(fused)



PTO3UR
(unfused)

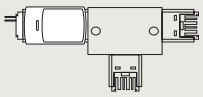
Three phase tap-off



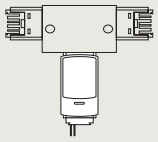
PTO3U
(unfused)

■ Tees and four ways

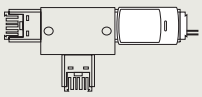
Supplied complete with slider, lid, turnbuckle fasteners and end cap(s)



Left feed tee unit
Component Cat. No./A

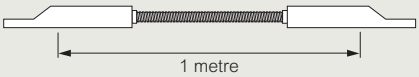


Centre feed tee unit
Component Cat. No./B



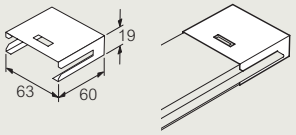
Right feed tee unit
Component Cat. No./C

■ Flexible bends



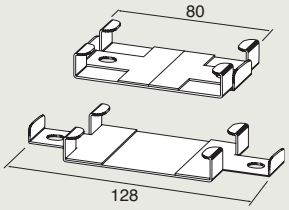
■ End cap

Cat. No. SEC



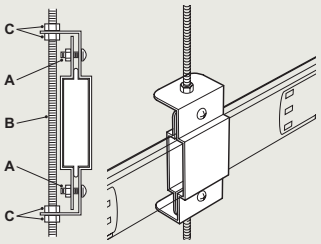
■ Hold down clamp

Each power track length is supplied already fitted with sliding clamps
- 2 clamps on each 1·2, 1·8 and 2·4 metre length
- 3 clamps on each 3·0 and 3·6 metre length



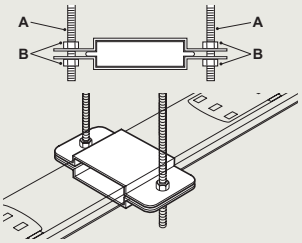
■ Vertical hanger bracket

Supplied in two parts complete with clamping screws (A)
Use one M8 threaded rod (B) and four M8 nuts (C) (one above and below each bracket flange)
Recommended spacing between vertical hanger brackets is 1 metre maximum



■ Horizontal hanger bracket

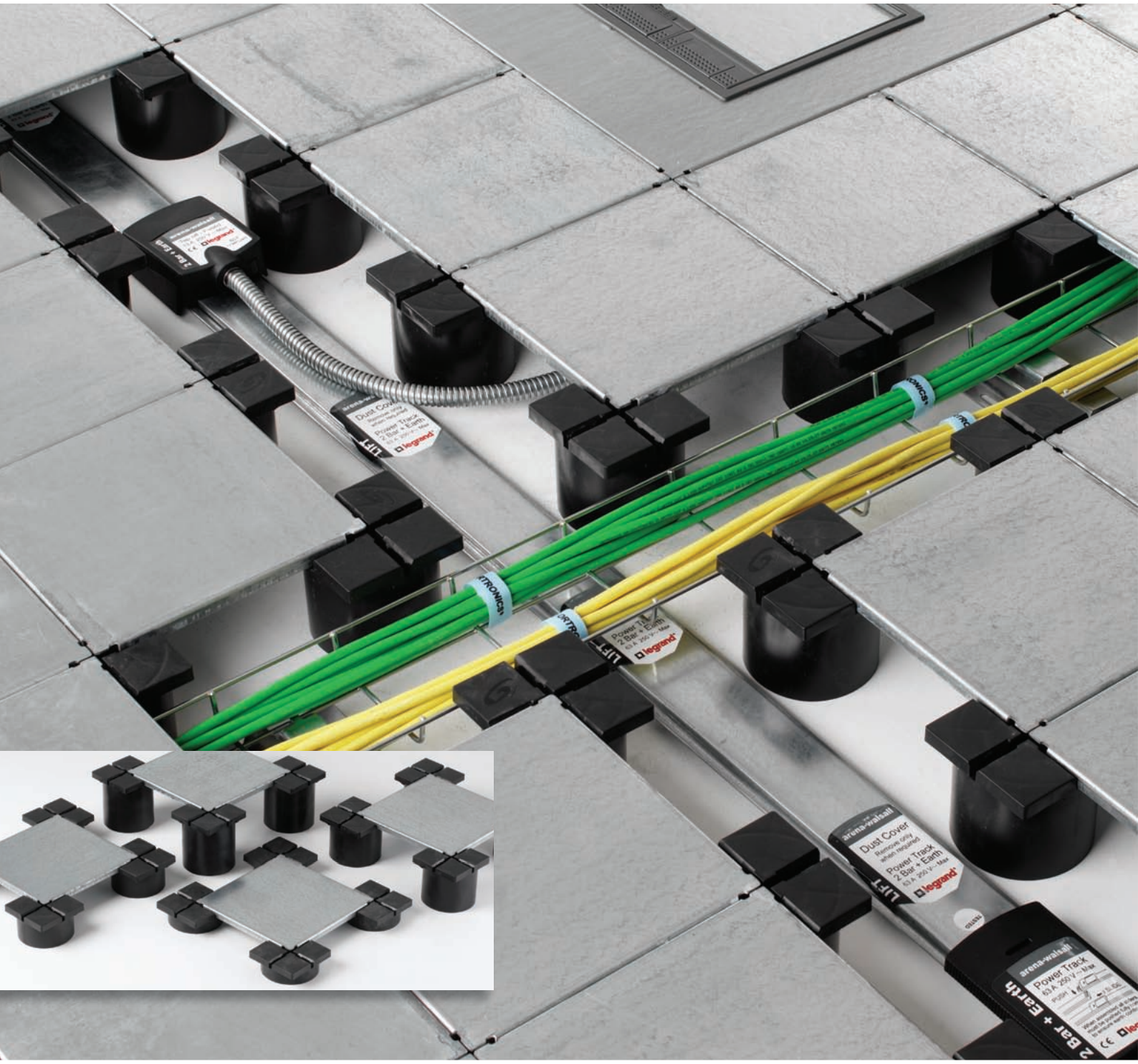
Supplied in two parts
Use two M8 threaded rods (A) and four M8 nuts (B) (one above and below each bracket flange)
Recommended spacing between horizontal hanger brackets is 1 metre maximum

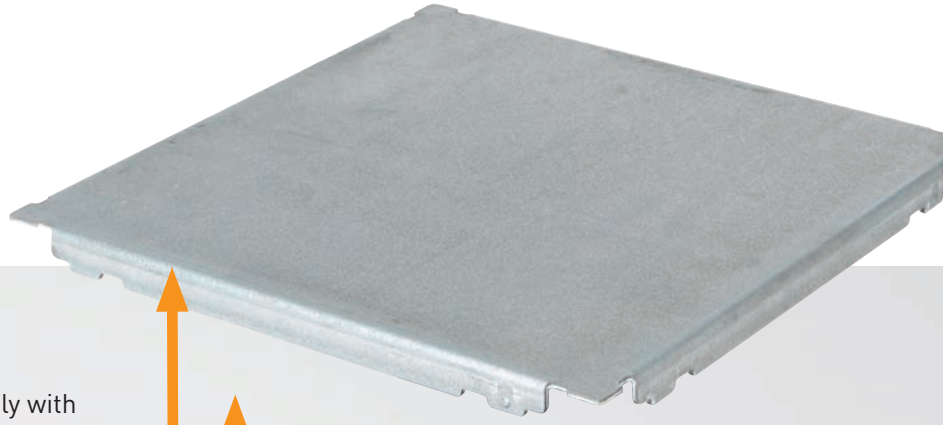


All dimensions (mm) are nominal

Soluflex®... innovation in 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 solutions, allowing cables for power, data and communication to be structured in a logical, ready to use layout that remains hidden to end users.

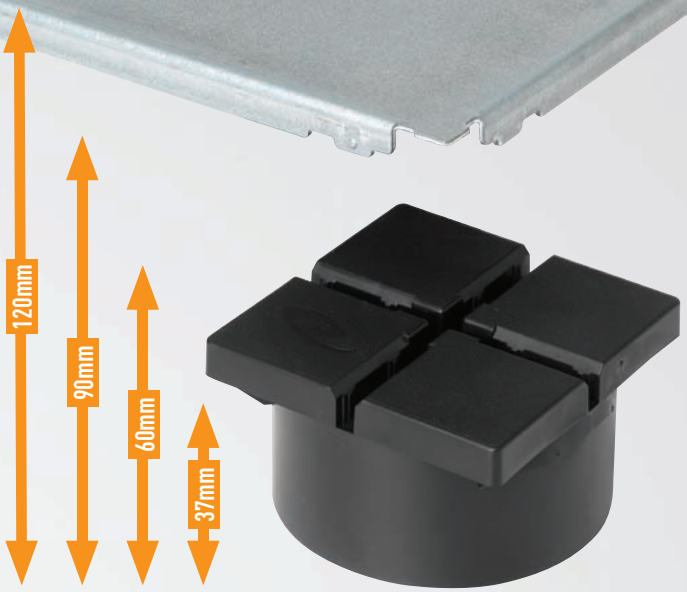




Perfect partners

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

From ultra-compact power track systems to 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

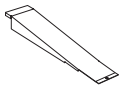
Ideal for use in existing buildings, Soluflex's non-invasive installation technique avoids damaging historic floors and includes a specially developed, ultra low 37 mm system... the perfect lightweight solution to bring older buildings into the 21st century without compromising floor to ceiling height.

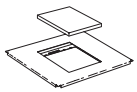
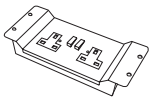
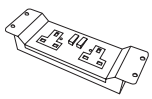
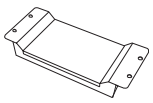
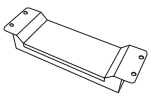
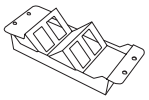
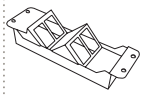






Soluflex® cavity floor system
selection chart

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

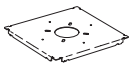
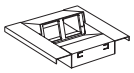
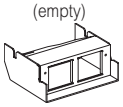
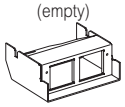
■ Floor boxes with lid and trim assemblies :

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

■ 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

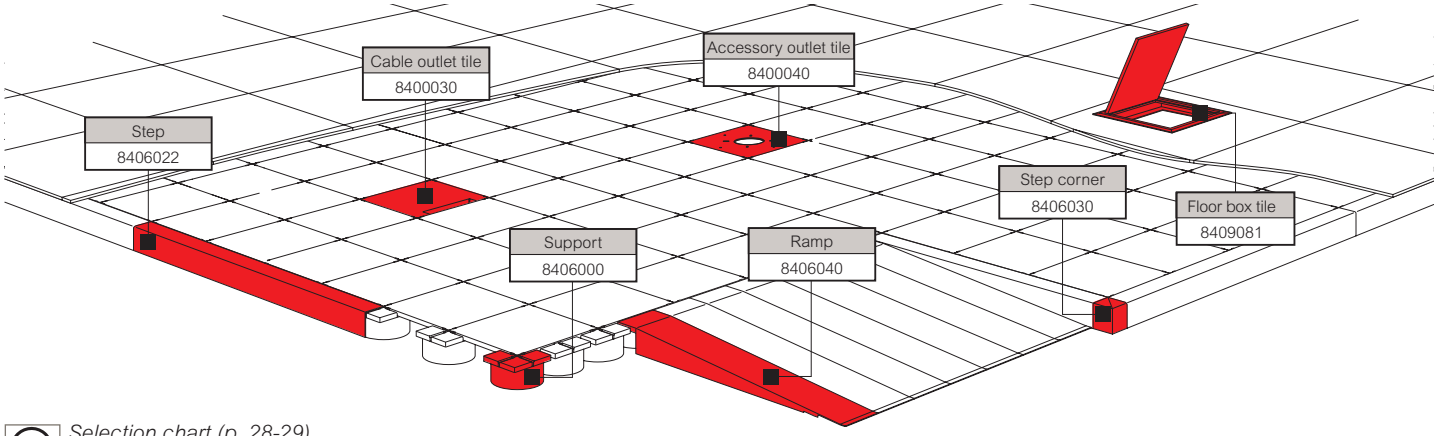


■ Power pole

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



Soluflex®
ultra low cavity floor system



Selection chart (p. 28-29)
Installation instructions (p. 33)
Dimensions (p. 34-35)

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

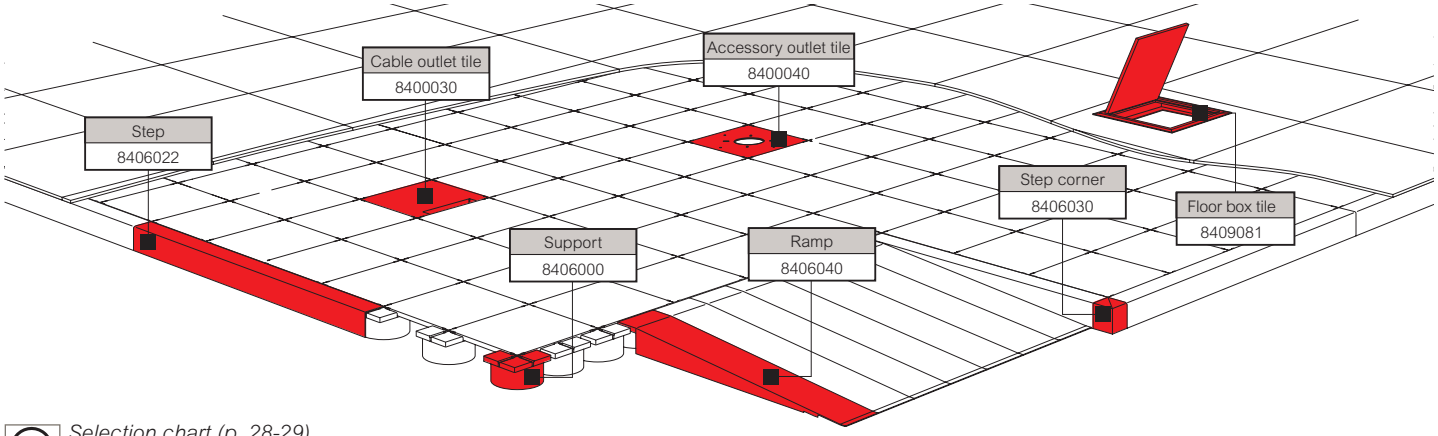
Floor components

Pack	Cat. Nos.	
		Tile
1	8400010	225 x 225 mm floor tile
		Floor supports
1	8403700	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)
		Earthing tile
1	8400020	225 x 225 mm Earthing clamp 6 mm² (max.) 1 earthing tile per 100 mm²
		Edge plates
		Used to finish installation against wall Trim to size on site
1	8400060	900 x 300 mm double edge plate
1	8400061	900 x 300 mm single edge plate
		Step
		Width 900 mm
		Height (mm)
1	8403722	37
1	8406022	60
1	8409022	90
1	8412022	120

Floor components (continued)

Pack	Cat. Nos.			
		Step corner		
		Width 900 mm		
		Height (mm)		
1	8403730	37		
1	8406030	60		
1	8409030	90		
1	8412030	120		
		Ramp		
		10% incline		
		Height (mm)	Length (mm)	Width (mm)
1	8403740	37	400	112
1	8406040	60	616	112
1	8409040	90	898	112
1	8412040	120	1 181	112

Soluflex®
ultra low cavity floor system (continued)



Selection chart (p. 28-29)
Installation instructions (p. 33)
Dimensions (p. 34-35)

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

Pack	Cat. Nos.	Floor box for 60, 90 and 120 mm high systems only	
		Floor box	
1	8409081	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	
		Semi-submerged	
1	8403750	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	
		Fully submerged	
1	8406072	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	
		Accessory outlet tile	
1	8400040	225 x 225 mm Used to fix power poles, cable snake or grommets	
		Aluminium power pole	
1	8650210	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

■ 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
- Weight of the Soluflex cable floor system : approx. 20 kg per m^2

■ Load bearing data
- Point load per tile/support : 1 500 Newton/25 mm^2
- Equal divided load of 3 000 kg per m^2
- Minimum safety factor : V = 1·71

■ Sound measurements
The sound measurements have been carried out in the laboratory of consultancy firm Peutz & Associes. 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 : Dn,f,w = 48 dB
  Soluflex cable floor system + carpet tiles, with mineral wool underneath the partition wall : Dn,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 : Ln,f,w = 49 dB
  Soluflex cable floor system + carpet tiles, with mineral wool underneath the partition wall : Ln,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
  ❒Lw = 17 dB ❒lin = 7 dB
  Concrete floor 140 mm + Soluflex + carpet tiles
  ❒Lw = 24 dB ❒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 m^2)
- 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/m^2
Classification according to NEN 1775 : Class T1

NEN 6066 :
With (highest) heat flow supply of 50 kW/m^2 :
(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 m^2. Install an earthing tile every 14 m length in gangways

CE

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 m^2 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 dismounted 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

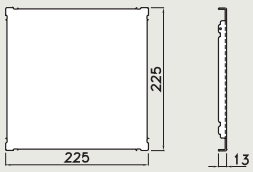


Soluflex® cavity floor system dimensions

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

■ Dimensions (mm)

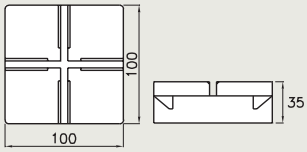
Tile



Cat. No. 8400010

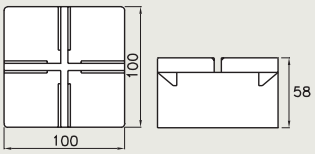
Supports

For 37 mm height



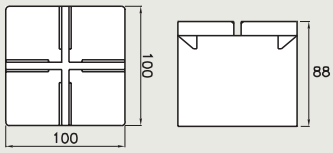
Cat. No. 8403700

For 60 mm height



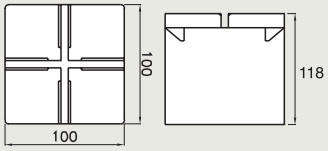
Cat. No. 8406000

For 90 mm height



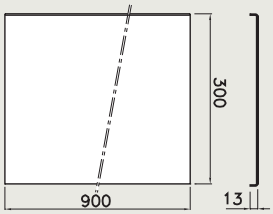
Cat. No. 8409000

For 120 mm height



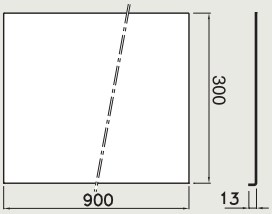
Cat. No. 8412000

Double edge plate



Cat. No. 8400060

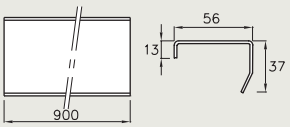
Single edge plate



Cat. No. 8400061

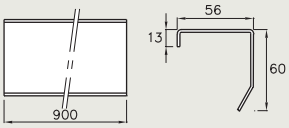
Steps

For 37 mm height



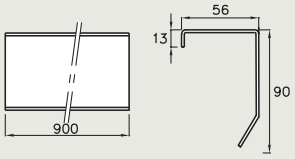
Cat. No. 8403722

For 60 mm height



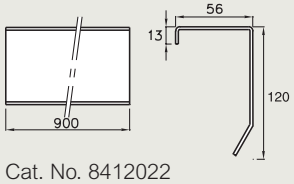
Cat. No. 8406022

For 90 mm height



Cat. No. 8409022

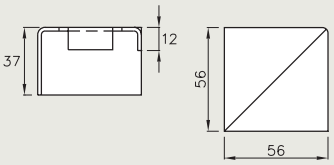
For 120 mm height



Cat. No. 8412022

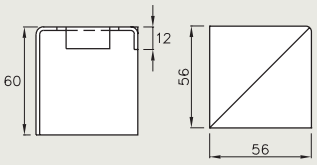
Step corner

For 37 mm height



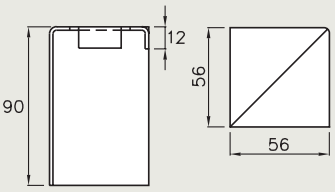
Cat. No. 8403730

For 60 mm height



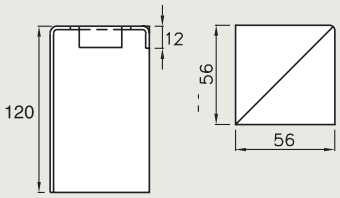
Cat. No. 8406030

For 90 mm height



Cat. No. 8409030

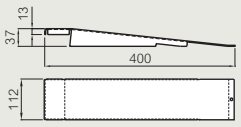
For 120 mm height



Cat. No. 8412030

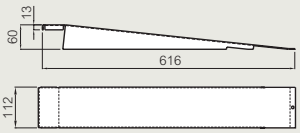
Ramp

For 37 mm height



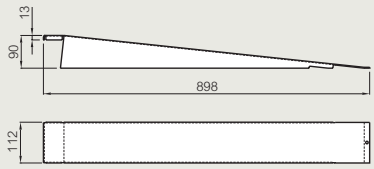
Cat. No. 8403740

For 60 mm height



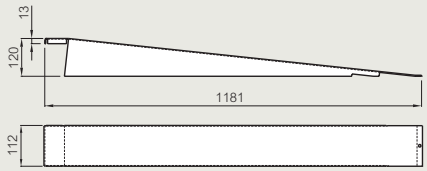
Cat. No. 8406040

For 90 mm height



Cat. No. 8409040

For 120 mm height



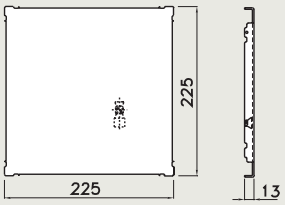
Cat. No. 8412040

All dimensions (mm) are nominal

Soluflex® cavity floor system dimensions
37 mm, 60 mm, 90 mm, 120 mm height (continued)

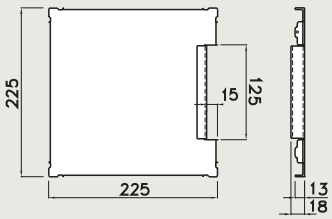
Dimensions (mm)

Earthing tile



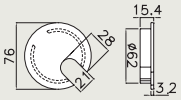
Cat. No. 8400020

Cable outlet tile



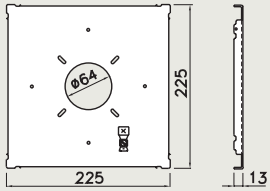
Cat. No. 8400030

Chrome outlet grommet



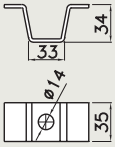
Cat. No. 8190232

Accessory outlet tile



Cat. No. 8400040

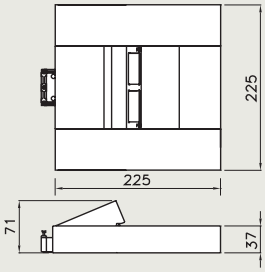
Fixing bracket



Cat. No. 8400050

Semi-submerged unit

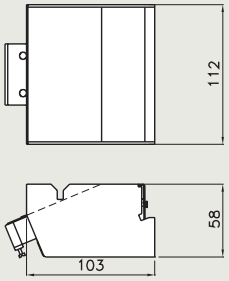
For 37 mm range only



Cat. Nos. 8403750 Power
8403751 Data

Fully submerged power unit 2 x 240 V (empty)

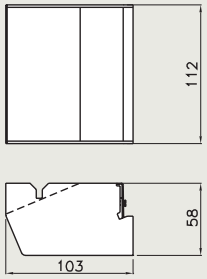
For 60 mm range only



Cat. No. 8406072

Fully submerged data unit 2 x 2 data (empty)

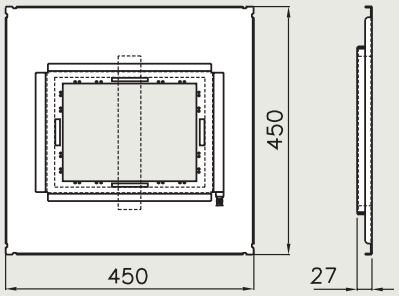
For 60 mm range only



Cat. No. 8406073

Floor box tile

For 60 mm, 90 mm, 120 mm ranges only



Cat. No. 8409081

All dimensions (mm) are nominal

NEW 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.

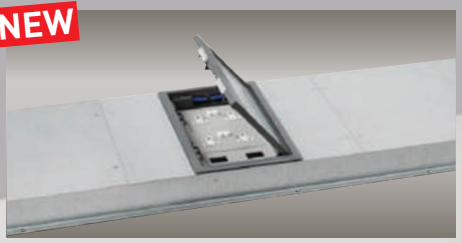
All outlet systems are designed to accept a wide range of mix and match lids and trims.

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



PRODUCT RANGES

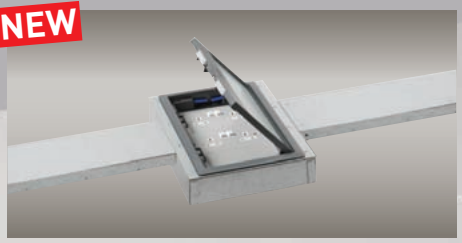
NEW



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

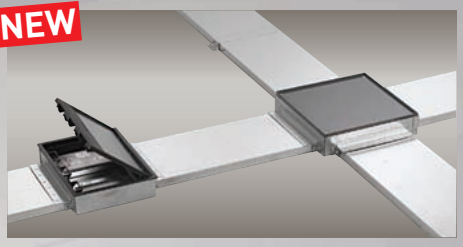
NEW



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

NEW



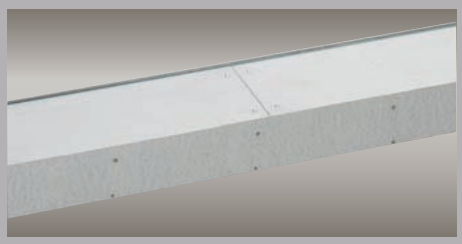
UNDERFLOOR DUCT

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



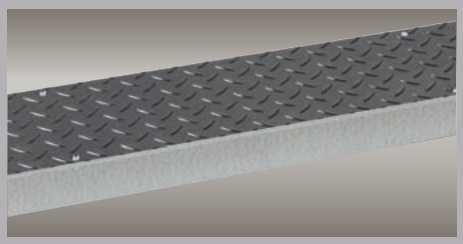
FLUSH LID FLOOR TRUNKING

- 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

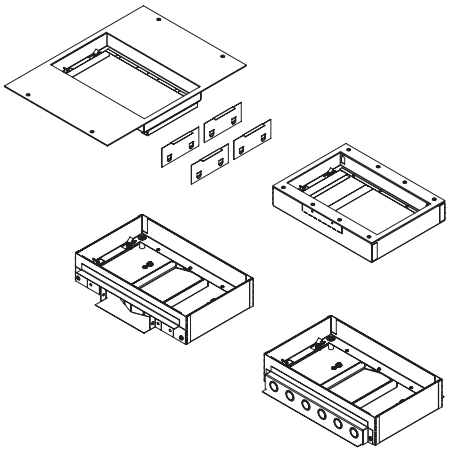
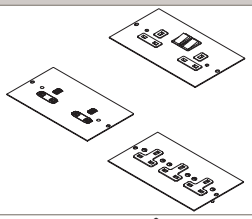
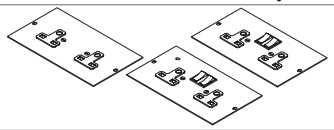
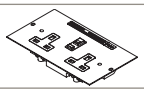
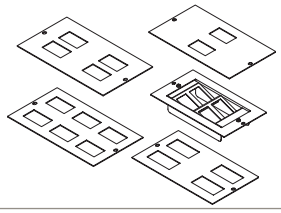
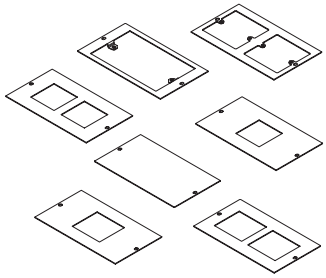


CHEQUER PLATE FLOOR TRUNKING

- 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

NEW

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 unswitched socket plate	
	13 A twin NS switched clean earth socket plate	
RCD 	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	
	50 x 50 mm – 1 cut-out plate	
	50 x 50 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 – 6 mm recess	
	Metal, powder coated with edge trim – 10 mm recess	
	Stainless steel with carpet trim – 6 mm recess	
	Stainless steel with edge trim – 10 mm recess	
	Brass with carpet trim – 6 mm recess	
	Brass with edge trim – 10 mm recess	

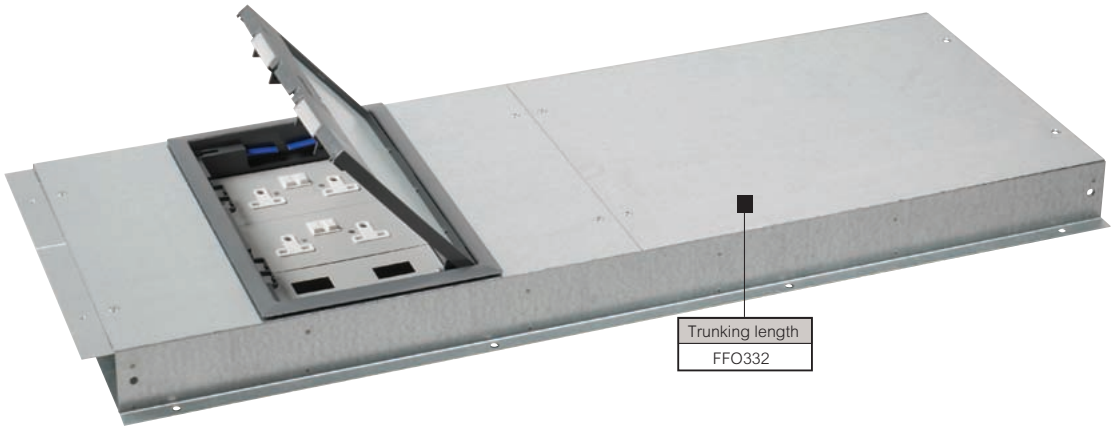
(1) Due to overall depth, these items will NOT fit in the flush floor and shallow flush floor ranges (Cat. Nos. FFO and AFS). When using with underfloor duct systems (Cat. No. AFU) the outlet box must be raised by 8 mm from the lowest point to allow for wiring
(2) For Arteor mounting frames, refer to 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
	SP3220	SP3220	SP3220	SP4220
	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

NEW



Dimensions and technical information (p. 46)
Screed floor outlet boxes selection chart (p. 38-39)
Installation details (p. 49)

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

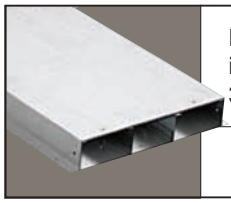
Pack	Cat. Nos.	Flush floor trunking
		Trunking length – 2 m
1	3 comp FFO332 | 4 comp FFO342	370 x 65 mm
		Spare connector set
1	FFO330	370 x 65 mm – spare connector set
		90° riser bend
		Supplied with screeding cover Provides conduit entry with 20 mm knockouts
1	3 comp FFO3311 | 4 comp FFO3411	370 x 65 mm
		Back entry skirting adaptor
1	3 comp FFOS3SK6 | 4 comp FFOS4SK6	370 x 65 – 150 mm high skirting
1	FFOS3SK8 | FFOS4SK8	370 x 65 – 200 mm high skirting
		Cable trunking adaptor
1	3 comp FFOT332T | 4 comp FFOT342T	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)
		End cap
1	FFO3312	370 x 65 mm
		Junction box
		Supplied with connections and plates Can be configured as a fourway, tee, bend or straight through connector box
1	3 comp FFO3313 | 4 comp FFO3413	370 x 65 mm

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. 44)

Pack	Cat. Nos.
1	3 comp FFO3BB | 4 comp FFO4BB



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

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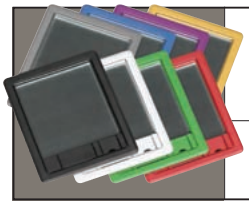
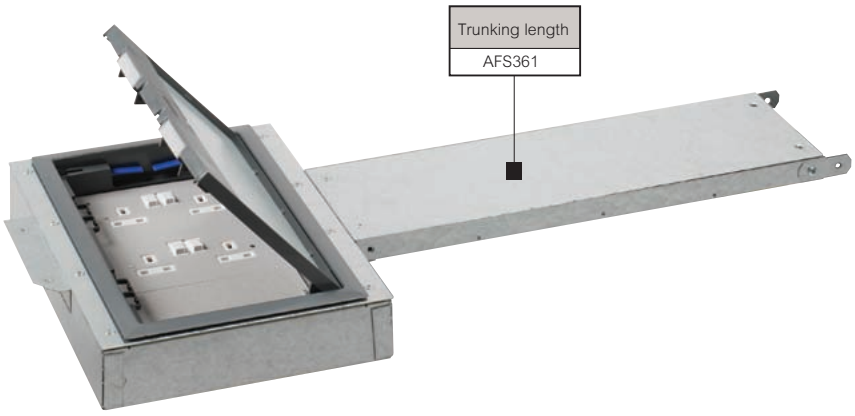


All trims for service outlet boxes can be ABS, stainless steel, brass or powder coated any colour

See p. 44

commercial floor trunking systems
shallow flush floor trunking

NEW

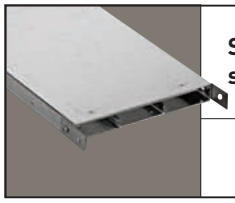


Dimensions and technical information (p. 47)
Screed floor outlet boxes selection chart (p. 38-39)
Installation details (p. 49)

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		
	2 comp	3 comp	
1	AFS261	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		
	2 comp	3 comp	
1	AFS2613	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	AFSS FSK S		To complete the Cat. No. specify : F = shallow flush floor trunking size code S = skirting trunking depth in inches Example : AFSS 361 SK6
	Cable trunking adaptor		
1	AFST F T		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		
	2 comp	3 comp	
1	AFS2614	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. 44)		
	2 comp	3 comp	
1	AFS2BB261	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
	4 comp		
1	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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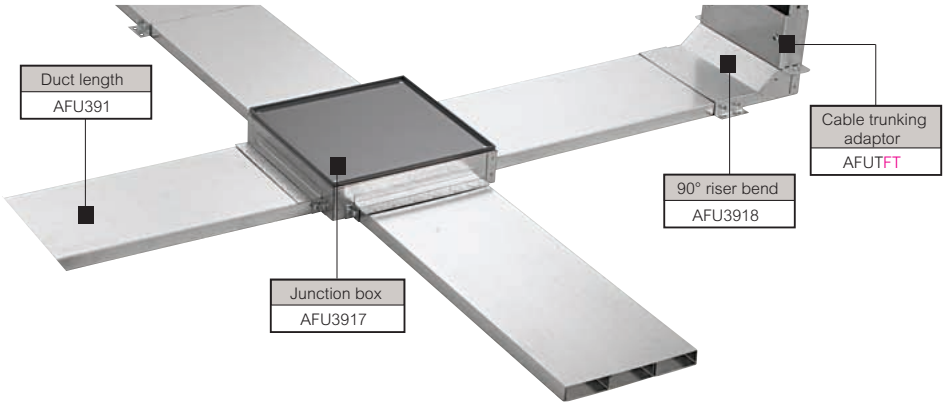


Dimensions and technical information (p. 47)
Screed floor outlet boxes selection chart (p. 38-39)
Installation details (p. 49)

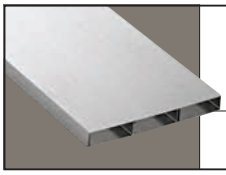
Body and lid manufactured from pre-galvanised sheet steel to BS EN 10142 and 3
Standard length : 2·0 m. Standard lid thickness : 1·0 mm
Each 2 m length is supplied with 2 saddle clamps and screws
Duct to floor fixings are not supplied

Underfloor duct

Pack	Cat. Nos. (2 comp)	Cat. Nos. (3 comp)	
			Duct length – 2 m
1	AFU261	AFU361	150 x 25 mm
1	AFU265	AFU365	150 x 38 mm
1		AFU391	225 x 25 mm
1		AFU395	225 x 38 mm
1		AFU311	300 x 25 mm
1		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	AFU2613	AFU3613	150 x 25 mm
1	AFU2653	AFU3653	150 x 38 mm
1		AFU3913	225 x 25 mm
1		AFU3953	225 x 38 mm
1		AFU3113	300 x 25 mm
1		AFU3153	300 x 38 mm
			90° riser bend
			Supplied with screeding cover Provides conduit entry with 20 mm knockouts
1	AFU2618	AFU3618	150 x 25 mm
1	AFU2654	AFU3654	150 x 38 mm
1		AFU3918	225 x 25 mm
1		AFU3954	225 x 38 mm
1		AFU3118	300 x 25 mm
1		AFU3154	300 x 38 mm
			Back entry skirting adaptor
1	AFUS F SK S		To complete the Cat. No. specify : F = underfloor duct size code S = skirting trunking depth in inches (either 6 or 8) Example : AFUS 391 SK6
			Cable trunking adaptor
1	AFUT F T		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

Underfloor duct (continued)

Pack	Cat. Nos. (2 comp)	Cat. Nos. (3 comp)	
			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 63 mm to 78 mm deep
1	AFU2617	AFU3617	150 x 25 mm
1		AFU3917	225 x 25 mm
1		AFU3117	300 x 25 mm
			To suit screed 75 mm to 90 mm deep
1	AFU2656	AFU3656	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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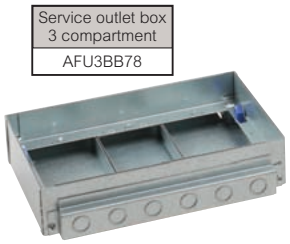
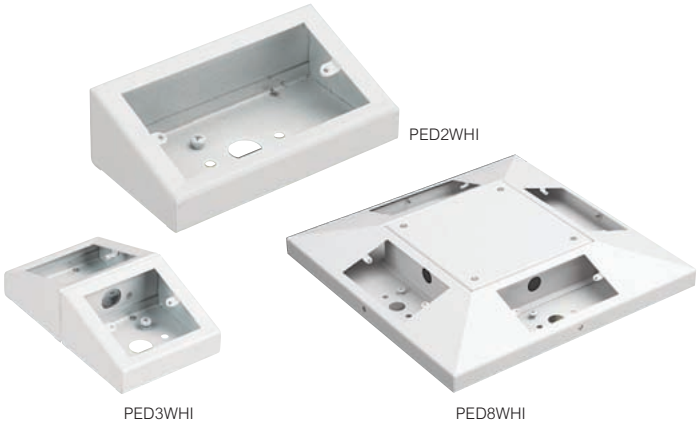
commercial floor trunking systems NEW
underfloor duct (continued)

pedestal units







Dimensions and technical information (p. 47)
Screed floor outlet boxes selection chart (p. 38-39)
Installation details (p. 49)

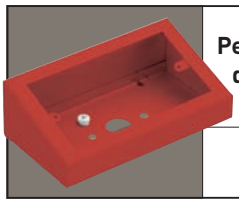
Body and lid manufactured from pre-galvanised sheet steel to BS EN 10142 and 3
Standard length : 2·0 m. Standard lid thickness : 1·0 mm
Each 2 m length is supplied with 2 saddle clamps and screws
Duct to floor fixings are not supplied

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. 44) 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 To suit screed 63 mm to 78 mm deep
1	AFU2BB78	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 To suit screed 75 mm to 90 mm deep
1	AFU2BB90	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 To suit screed 63 mm to 78 mm deep
1	AFU1CON78	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 To suit screed 75 mm to 90 mm deep
1	AFU1CON90	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

Dimensions and technical information (p. 50)

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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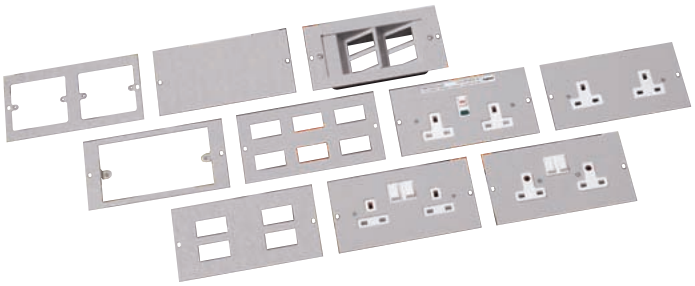
outlet plates for floor trunking
power and data

NEW



Screed floor outlet boxes selection chart (p. 38-39)
Installation details (p. 17)

Plates to fit 1, 2 and 3 compartment boxes are all 100 mm wide
4 compartment plates 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

Power and data plates

Pack	Cat. Nos. 1, 2, 3 comp. 100 mm wide	Cat. Nos. 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	SP3220	SP4220	Twin NS unswitched
1	SP3231	SP4231	Twin NS switched clean earth
			RCD socket plates
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	50 x 50 mm – 1 cut-out plate
1	SP3206	SP4206	50 x 50 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 trunking

NEW

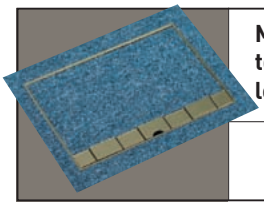


Screed floor outlet boxes selection chart (p. 38-39)
Installation details (p. 17)

Moulded lids and trims are manufactured from durable ABS and feature a quick fit / release ratchet system
Carpet trim versions are supplied with a 6 mm carpet recess
Edge trim versions are supplied with a 10 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

Floor box lids and trims

Pack	Cat. Nos. 1 comp.	Cat. Nos. 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

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commercial floor trunking systems
flush lid floor trunking



Dimensions and technical information (p. 48)
Installation details (p. 49)

Body and lid manufactured from pre-galvanised sheet steel to BS EN 10142 and 3
Standard length : 2·0 m
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

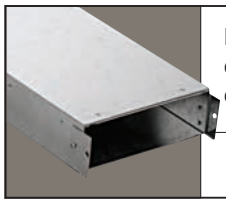
commercial floor trunking systems
recessed lid floor trunking



Dimensions and technical information (p. 48)
Installation details (p. 49)

Body and lid manufactured from pre-galvanised sheet steel to BS EN 10142 and 3
Standard length : 2·0 m
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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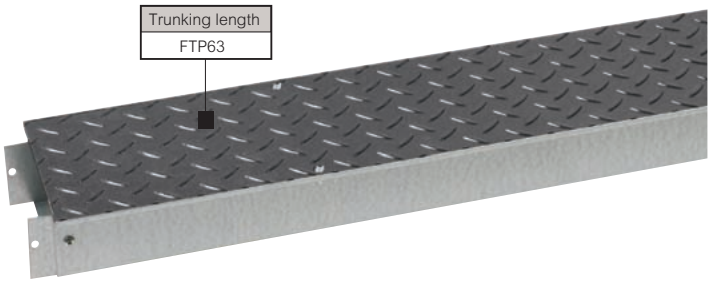
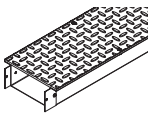
industrial floor trunking systems
chequer plate floor trunking

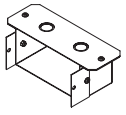


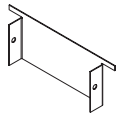
Dimensions and technical information (p. 48)
Installation details (p. 49)

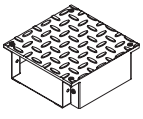
Body manufactured from pre-galvanised sheet steel to BS EN 10142 and 3
Lid manufactured from mild steel, powder coated grey 18B25
Other colours available to special order
Standard lengths : body 2·0 m, lid 1·0 m
Standard lid thickness : 6·5 mm
Chequer plate floor trunking is available in single compartment 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

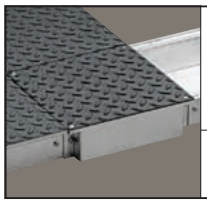
Pack	Cat. Nos.	Chequer plate floor trunking
		Trunking length – 2 m
1	FTP42	100 x 50 mm
1	FTP63	150 x 75 mm
1	FTP124	300 x 100 mm
		90° riser bend
		Supplied with screeding cover Provides conduit entry with 20 mm knockouts
1	FTPRB42	100 x 50 mm
1	FTPRB63	150 x 75 mm
1	FTPRB124	300 x 100 mm
		End stop
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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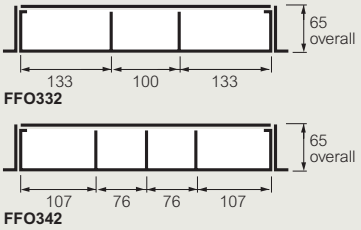
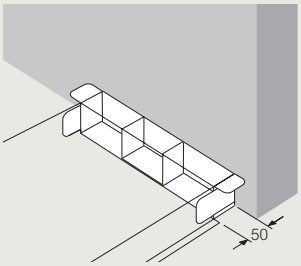
commercial floor trunking systems
dimensions and technical information

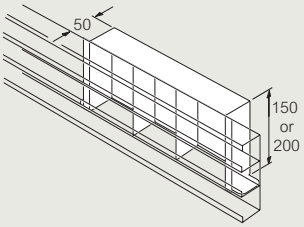
■ Flush floor trunking



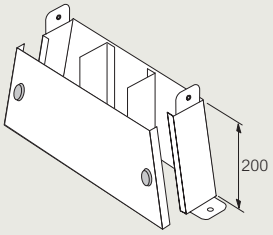
90° riser bends



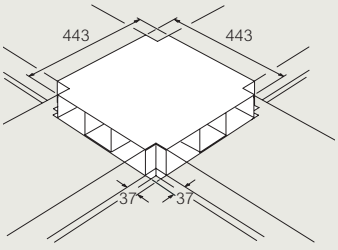
Back entry skirting adaptor



Cable trunking adaptors



Junction box



Service outlet boxes



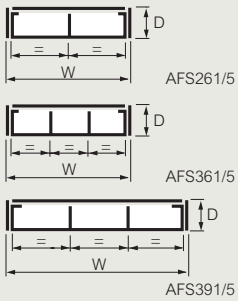
Reduced cabling area when fitting service outlet box

commercial floor trunking systems
dimensions and technical information

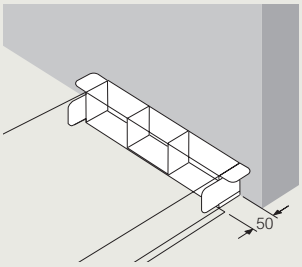
■ Shallow flush floor trunking

	W	D
AFS261	153	25
AFS265	153	38
AFS361	153	25
AFS365	153	38
AFS391	228	25
AFS395	228	38

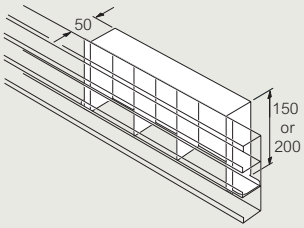
W = Overall trunking width
D = Overall trunking depth



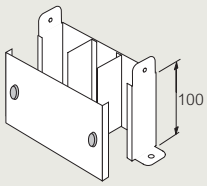
90° riser bends



Back entry skirting adaptor



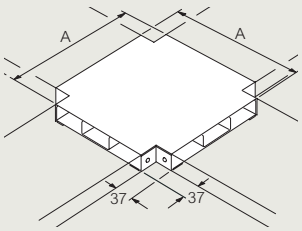
Cable trunking adaptors



Junction box

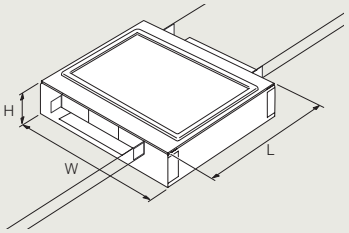
Trunking width	A
150	223
225	298

A = Trunking end to end



Service outlet boxes

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



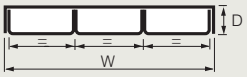
All dimensions (mm) are nominal

■ Underfloor duct

	W	D
AFU261	150	25
AFU265	150	38



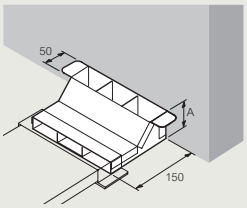
	W	D
AFU361	150	25
AFU365	150	38
AFU391	225	25
AFU395	225	38
AFU311	300	25
AFU315	300	38



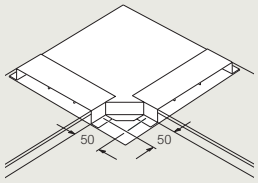
W = Overall ducting width
D = Overall ducting depth

90° riser bends

Duct depth	A
25	78
38	90

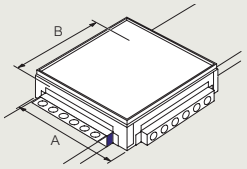


90° flat bends



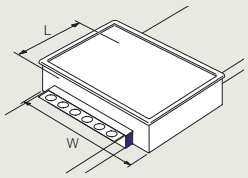
Junction box

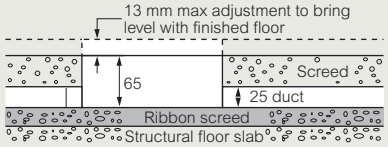
Junction box trunking width	A	B
150/225	302	336
300	477	411



Service outlet box

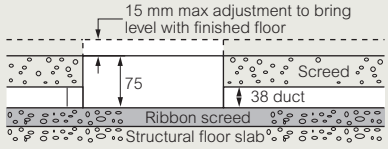
Compartment	W	L
2C	272	270
3C	347	279
3C	347	279





65-78 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 63 to 78 mm deep



75-90 mm
AFU2CON90
AFU3CON90
AFU4CON90
AFU2BB90
AFU3BB90
AFU4BB90

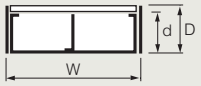
Using a 38 mm deep duct, junction boxes and service outlet boxes provide conduit entry with 20/25 mm combination knockouts and are adjustable from 75 to 90 mm deep

■ Flush lid and recessed lid floor trunking

Flush lid

	W	D	d
FF42	102·5	50	47·5
FF63	152·5	75	72·5
FF124	302·5	100	97·5

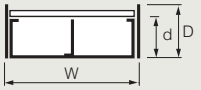
W = Overall trunking width
d = Depth to underside of trunking lid
D = Overall trunking depth



Recessed lid

	W	D	d
FRL42	102·5	50	44
FRL63	152·5	75	69
FRL124	302·5	100	94

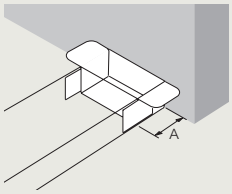
W = Overall trunking width
d = Depth to underside of trunking lid
D = Overall trunking depth



90° riser bends

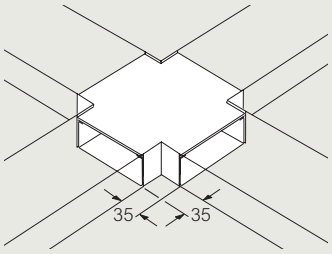
For flush lid and recessed lid floor trunking

Duct depth	A
50	50
75	75
100	100



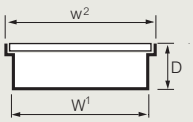
Junction box

For flush lid and recessed lid floor trunking



All dimensions (mm) are nominal

■ Chequer plate floor trunking

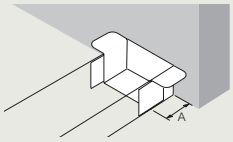


W¹ = Overall trunking width
D = Overall trunking depth
w² = Overall width including trunking lid

	W¹	D	w²
FTP42	100	50	150
FTP63	150	75	200
FTP124	300	100	350

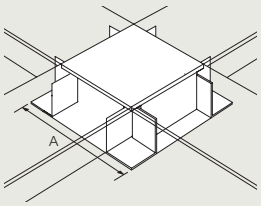
90° riser bends

Duct depth	A
50	50
75	75
100	100



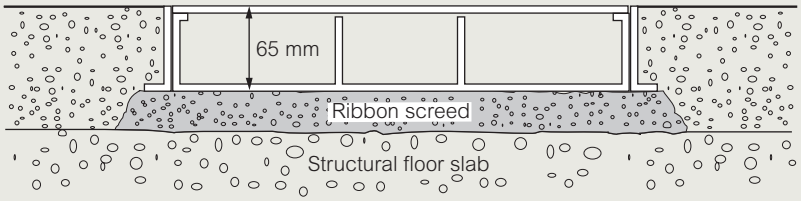
Junction box

Trunking width	A
100	150
150	200
300	350

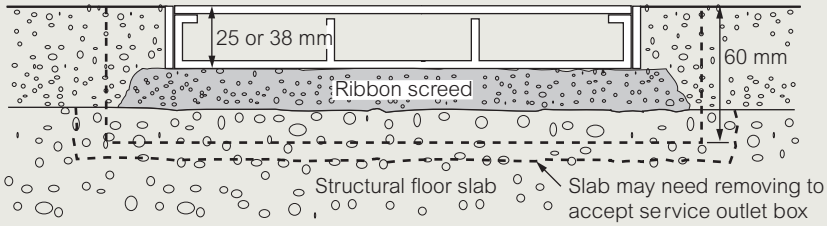


■ Installation details

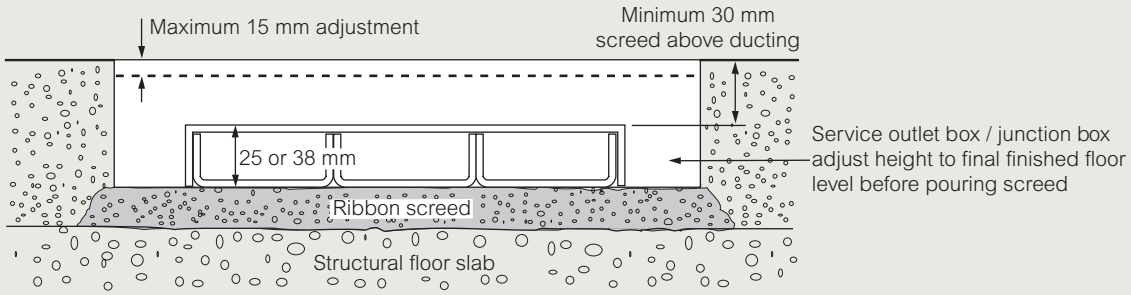
Flush floor trunking in screeded floor



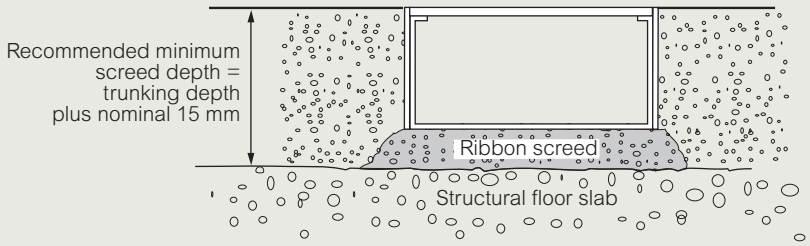
Shallow flush floor trunking in screeded floor



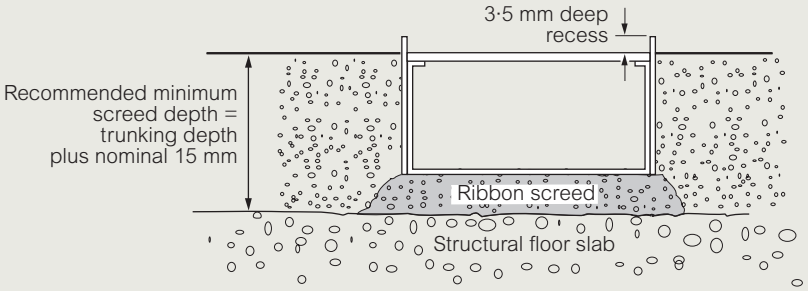
Underfloor duct in screeded floor



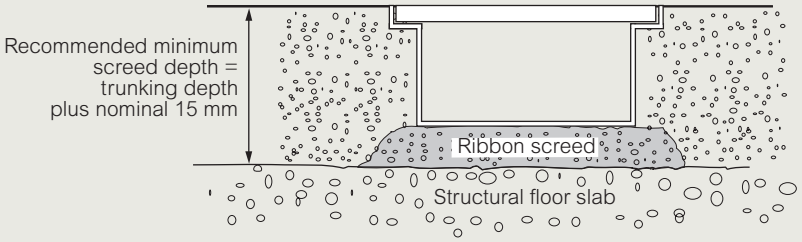
Flush lid floor trunking in screeded floor



Recessed lid floor trunking in screeded floor



Chequer plate floor trunking in screeded floor



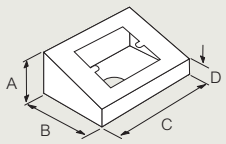
pedestal units
technical information

■ Pedestal units dimensions

Single socket

Cat. No. PED1WHI

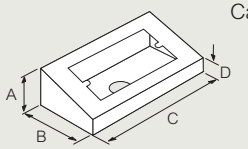
A	54
B	89
C	102
D	24



Twin socket

Cat. No. PED2WHI

A	54
B	89
C	162
D	24

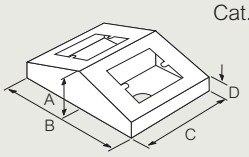


Back-to-back sockets

single socket

Cat. No. PED3WHI

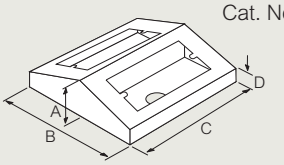
A	54
B	178
C	102
D	24



twin socket

Cat. No. PED4WHI

A	54
B	178
C	162
D	24

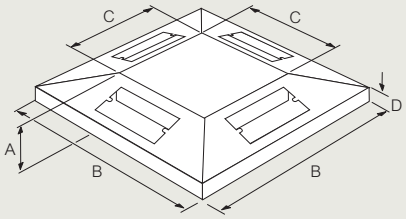


For all pedestal units above, hole diameter in base is 20 mm

Pyramid box

Cat. No. PED8WHI

A	55
B	368
C	184
D	24



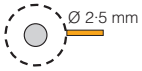
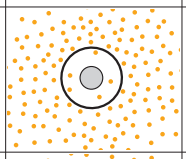
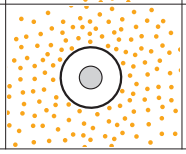
All dimensions (mm) are nominal

Protection classifications

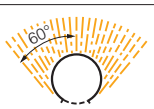
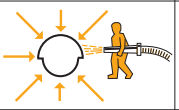
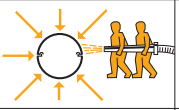
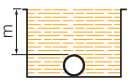
Protection against solid bodies and liquids : Index of protection - IP xx

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 figure : protection against solid bodies

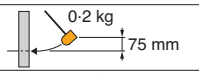
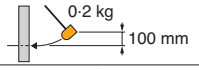
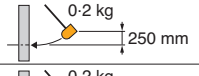
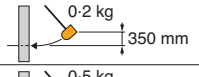
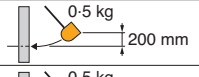
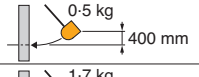
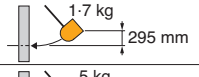
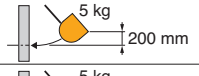
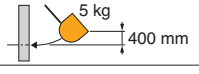
IP	tests	
0		No protection
1		Protected against solid bodies of 50 mm and greater (e.g. accidental contact with the hand)
2		Protected against solid bodies of 12·5 mm and greater (e.g. finger)
3		Protected against solid bodies of 2·5 mm and greater (e.g. tools, wires)
4		Protected against solid bodies larger than 1 mm (e.g. thin tools and fine wires)
5		Protected against dust (no harmful deposit)
6		Completely protected against dust

2nd figure : protection against liquids

IP	tests	
0		No protection
1		Protected against vertically falling drops of water (condensation)
2		Protected against drops of water falling up to 15° from the vertical
3		Protected against water sprayed up to 60° from the vertical
4		Protected against splashing water from all directions
5		Protected against jets of water from all directions
6		Protected against powerful jets of water from all directions
7		Protected against the effects of temporary immersion in water
8		Protected against the continuous effects of immersion in water having regard to specific conditions

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
Customer Services
09:00 to 17:00 – Monday to Friday
Tel : +44 (0) 20 8996 9001
Fax : +44 (0) 20 8996 7001
Email : cservices@bsi-global.com

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

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All illustrations, descriptions, dimensions and weights in this catalogue are for guidance and cannot be held binding on the Company.

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Floor systems technical guide 10/2012.3.5k

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