Cable management buyers guide







Schneider Electric

Cable management solutions

Perimeter trunking
An innovative range of trunking solutions for even the most demanding of installations. The Ultimate and Cableline ranges are designed to be flexible and adaptable for changing installation requirements.

Wiring accessories
Schneider Electric provide a comprehensive range of wiring accessories that guarantee quality, flexibility, safety and performance with practical features that save the installer time and energy.

Bench trunking
Schneider Electric provide a comprehensive range of bench mounted power distribution units for laboratories, workshops and industrial manufacturing.

Powerpoles & posts
Powerpoles and posts are a highly cost effective solution for providing electrical and communication services to large open plan office spaces. Our poles and posts combine robust design and stylish profiles, alongside flexibility of relocation and retro fit mounting boxes.

Desk solutions
We offer a range of desk cable management solutions including under desk, through desk and on desk power systems. Power distribution units are designed specifically for office furniture and screens.

Flooring systems
Schneider Electric's range of cable management flooring systems consists of floor boxes, slab boxes, floor grommet , powertrack, underscreed trunking and flush screed trunking.

Ultimately....

the choice is yours....

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For more information call us on 0870 608 8 608
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Cable management product selector

uPVC perimeter trunking

	Range	Ultimate 60	Ultimate 62	Cableline 50		
						
	Compartments	3	2	3	3	3
	Size	150 x 60mm	190 x 62mm	180 x 52mm	180 X 52mm	180 X 52mm
	Length	3 Metre	3 Metre	3 Metre	3 Metre	3 Metre
Trunking		CA3W	CU2W	DP3W	ER3W	EL3W
Fittings	Spare lid centre	CLL3W		CLL3W	CLL3W	CLL3W
	Spare lid top	CAN3W	CLL3W	DPN3W	DPN3W	ELN3W
	Spare lid bottom	CAN3W	DLN2W	DPN3W	ELN3W	ELN3W
	Divider		CUD2W			
	Spacing lid cover	CCS3W	CCS3W	CCS3W	CCS3W	CCS3W
	External angle	CAX3W	CUXB2W	DPX3W	ERX3W	ELX3W
	Internal angle	CAI3W	CUIB2W	DPI3W	ERI3W	ELI3W
	Flat angle both (riser / dropper)	CAF3W	(CUF2RW CUF2DW)	DPF3W	(ERF3CW ERF3RW)	ELF3W
	Flat tee (riser/dropper)	CAT3W	(CUT2RW CUT2DW)	DPT3W	ERT3W	ELT3W
	Joint cover (coupler)	CAJ3W	CUJ2W	DPJ3W	ERJ3W	ELJ3W
	End cap/stop end (LH/RH)	CAS3W	(CUS2LW CUS2RW)	DPE3W	(ERS3LW ERS3RW)	ELS3W
Accessories	Data cable guide (ext angle)			DCGA	DCGA	DCGA
	Ultimate 60 to delta converter	CAC3W				
	Screening divider	SS60	SS43	SS34	SS34	SS34
	Screening divider - int/ext angle	SSI60 / SSX60	SSI43 / SSX43			
	Crossover unit			DLO3	DLO3	DLO3
	Cable hanger			CLH3	CLH3	CLH3
	Cable retainers centre			DLC3M	DLC3M	DLC3M
	Cable retainers - chamfered outer			DPC3T	DPC3T	
	Cable retainers - radius outer				DSC3T	DSC3T
	Oval bell mouth bush	BMB	BMB			
	Earth tags	SET1	SET1	SET1	SET1	SET1
	Mini trunking adapters 16 x 16mm	CLA31W	CLA31W	CLA31W	CLA31W	CLA31W
	Mini trunking adapters 25 x 16mm	CLA32W	CLA32W	CLA32W	CLA32W	CLA32W
	Rear cable entry box	CBB3	CBB3	CBB3	CBB3	CBB3
Socket mounting boxes	1G 25mm	CLB31W	CLB31W	CLB31W	CLB31W	CLB31W
	1G 35mm	CLB41W	CLB41W	CLB41W	CLB41W	CLB41W
	1G 50mm	CLB51W	CLB51W			
	2G 25mm	CLB32W	CLB32W	CLB32W	CLB32W	CLB32W
	2G 35mm	CLB42W	CLB42W	CLB42W	CLB42W	CLB42W
	2G 50mm	CLB52W	CLB52W			
DDA plates	DDA plate Blue 1G/2G	DDA1BL DDA2BL	DDA1BL DDA2BL	DDA1BL DDA2BL	DDA1BL DDA2BL	DDA1BL DDA2BL
	DDA plate Grey 1G/2G	DDA1CH DDA2CH	DDA1CH DDA2CH	DDA1CH DDA2CH	DDA1CH DDA2CH	DDA1CH DDA2CH
	DDA compliant lid	CLL3G	CLL3G	CLL3G	CLL3G	CLL3G

	Cableline 40			Delta 105	Carlton
					
	3	3	3	1	2
	145 x 40mm	145 x 40mm	145 x 40mm	100 x 50mm	80 x 22mm
	3 Metre	3 Metre	3 Metre	3 Metre	3 Metre
	CP3W	CS3W	CL3W	DA105W	SK82W
	CLL3W	CLL3W	CLL3W		
	CSN3W	CSN3W	CLN3W		
	CSN3W	CLN3W	CLN3W		
				DAHD105W	
	CCS3W	CCS3W	CCS3W		
	CPX3W	CSX3W	CLX3W	DAX105W	SKE82W
	CPI3W	CSI3W	CLI3W	DAI105W	SKI82W
	CPF3W	(CSF3CW CSF3RW)	CLF3W	DAF105W	
	CPT3W	(CST3CW CST3RW)	CLT3W	DAT105W	
	CPJ3W	CSJ3W	CLJ3W	DAJ105W	SKJ82W
	CPS3W	(CSS3LW CSS3RW)	CLS3W/ CLE3W	DAS105W	(SKL82W SKR82W)
	SS23	SS23	SS23	SS105	
				SSI105 / SSX105	
	CLO3	CLO3	CLO3		SKC82W
	CLH3	CLH3	CLH3		
	CLC3M	CLC3M	CLC3M		
	CSC3T	CSC3T			
		CLC3T	CLC3T		
	SET1	SET1	SET1	SET1	
	CLA31W	CLA31W	CLA31W	MFC1W	
	CLA32W	CLA32W	CLA32W	MFC2W	SKM822W
	CBB3	CBB3	CBB3		
	CLB31W	CLB31W	CLB31W	CTB11W	
				CTB21W	SKB21W (external)
	CLB32W	CLB32W	CLB32W	CTB12W	
				CTB22W	SKB22W (external)
	DDA1BL DDA2BL	DDA1BL DDA2BL	DDA1BL DDA2BL	DDA1BL DDA2BL	
	DDA1CH DDA2CH	DDA1CH DDA2CH	DDA1CH DDA2CH	DDA1CH DDA2CH	
	CLL3G	CLL3G	CLL3G	CLL3G	

The perfect combination



Ultimate range

Ultimate perimeter trunking is the perfect combination of innovative features and experienced manufacturing. It delivers an effective, attractive and cost-efficient cable management solution for a wide range of projects.

☑ Features & benefits:

Functionality:
Stylish design with increased functionality such as flexible bends and generous cable capacity.

Ease of installation:
Less time spent on installations with time saving features such as pre-drilled fixing holes, flexible bends. Lids and bases are also supplied loose.

First class service:
Schneider Electric and our network of distribution partners offer a first class service to contractors. We are able to deliver within 24 hours with high levels of stock to ensure we never let you down.

UK manufacture:
Every length and accessory in the Ultimate perimeter range is manufactured in the UK, ensuring excellent quality through the latest production techniques.

Ultimate 60

Ultimate 62

Ultimate 60

Ultimate 60 is Schneider Electrics premium uPVC cable management offer, and is packed with features and benefits to make installation easier.

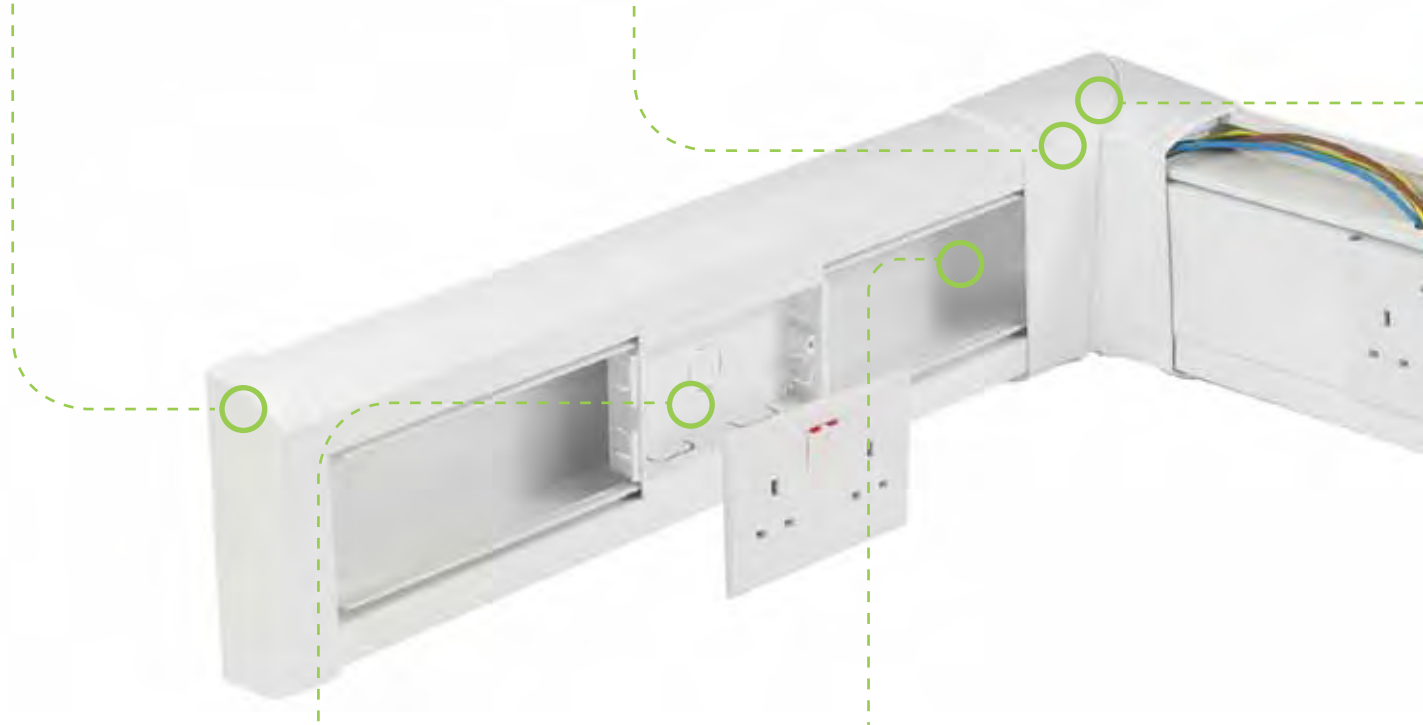
We have put our years of manufacturing experience into ensuring our products meet the demanding needs of modern cabling installations.

End caps

Moulded end caps provide a neat finish to a run of trunking, ensuring all cables are contained safely. Ultimate 60 end caps have screw fittings for added security.

Screw fitting

The majority of fittings for Ultimate 60 are designed with screw fixings for additional security. All screw fittings are covered with a removable screw cap.



Pre drilled bases

The pre drilled base in Ultimate 60 provides ease and speed of installation.

Socket mounted boxes

Ultimate 60 will comfortably house either 25mm, 35mm or 50mm socket mounting boxes, available in either 1 or 2 gang.

Flat tee (not shown)

Fully moulded one piece tees can be used to take trunking from horizontal to vertical in one smooth movement. Multi configurable tee bridge inserts can be used in any combination making routing extremely flexible. Tees are designed with styling lines to complemented those of the adjustable bends.

Internal corner

Adjustable internal bend allowing movement of +/- 5°, whilst allowing for a true 50mm bend radius to be maintained. These flexible bends ensure that the installation is neat and tidy even where surface irregularity appears.

Profile

With dimensions of 150mm x 60mm, Ultimate 60 has large cable capacity and is ideal for use in CAT6, CAT6a and CAT7 cable installations. Despite its high capacity Ultimate 60 has a sleek and contemporary design.



External corner

Adjustable external bend allowing movement of +/- 5°, whilst allowing for a true 50mm bend radius to be maintained. These flexible bends ensure that the installation is neat and tidy even where surface irregularity appears.

Lids supplied loose

Both top and bottom lids are supplied loose with the trunking body to speed up the installation process.

Ultimate 60



Ultimate 60 is a 3 compartment trunking system with a stylish profile. Ultimate 60 has been designed for use in power and high density CAT5e, CAT6, shielded and 10Gig structured cabling solutions.
With adjustable bends and a multi-configurable tee, Ultimate 60 has a sleek and contemporary style.

Technical data

- Colour: white. RAL colour options available
- 3m lengths
- 3 compartments
- Pre-drilled holes
- 150 x 60mm
- Adjustable bends allow movement of +/– 5°
- Multi-configurable tee allow for 50mm bend radius to be maintained
- Facility to accommodate up to 59 UTP OR 44 STP CAT6 data cables
- Accommodates socket mounting boxes up to 50mm deep
- Screw fit fittings
- Pre-punched steel divider where screening is required
- Meets and exceeds requirements of European and International Data Standards
- Accepts all leading wiring accessories
- Lower lid acts as cable shelf during installation
- Cable capacities shown in technical section
- BS4678 Pt.4, BS7671 (IEE regs), BS6701 (2004) and Cenelec (BSEN50173/EN50173), ANSI/TIA/EIA568B, TIA569B and ISO/IEC11801 Part M DDA compliancy available
- Antimicrobial available



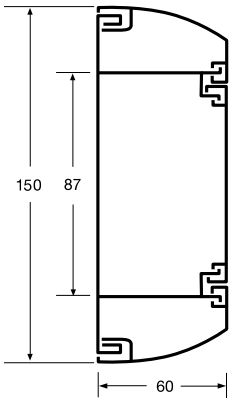
Trunking assembly	
Ref	**Packed**
CA3W	2 x 3m

Trunking assembly complete with grey lid	
Ref	**Packed**
CA3WCLL3G	2 x 3m

Part M - DDA compliant

Antimicrobial available





Spacing lid cover	
Ref	**Packed**
CCS3W	10

Spare lid		
Ref		**Packed**
CLL3W	Centre lid	2 x 3m
CAN3W	Outer lid	2 x 3m

Cat 6 Compliancy

The Ultimate 60 trunking system accommodates high density data installations with a depth of 60mm holding up to 59 UTP or 44STP data cables in the centre compartment.

Ultimate 60 fittings



External angle - adjustable (+/-5º)

Ref	Packed
CAX3W	1



Internal angle - adjustable (+/-5º)

Ref	Packed
CAI3W	1



Joint cover

Ref	Packed
CAJ3W	2



End caps

Ref	Packed
CAS3W	2



Flat angle

Ref	Packed
CAF3W	1



Flat tee

Ref	Packed
CAT3W	1

Note: Flat tee is supplied with 1xCATB1W and 1xCATB2W.

Spares: Tee bridges (CATB1W and CATB2W) along with screw caps (CASC) are also available.



Ultimate 60 to Delta converter

Ref	Packed
CAC3W	1



Screening divider

Ref	Type	Packed
SS60	43mm x 1mm	4 x 1.5 m

For continued screening divider around external/internal angles.

Ref		Packed
SSX60	Ext	1
SSI60	Int	1



Earth tags

Ref	Packed
SET1	10

Ultimate 60 fittings



Oval bell mouth bush

Ref	Packed
BMB	10

Note: Where cabling passes through knockouts, a bell mouth bush can be supplied which fits into the knockouts preventing any potential snagging of sensitive cabling.



DDA plate

Ref	Description	Colour	Colour Ref	Packed
DDA1BL	1 gang	Traffic Blue	RAL5017	10
DDA2BL	2 gang	Traffic Blue	RAL5017	10
DDA1CH	1 gang	Charcoal Grey	BS10A11	10
DDA2CH	2 gang	Charcoal Grey	BS10A11	10



DDA compliant lid

Ref	Colour	Packed
CLL3G	Grey	2 x 3m



Rear cable entry box

Ref	Packed
CBB3	1



Socket mounting boxes - white

Ref	Size	Packed
CLB31W	1 gang 25mm deep	10
CLB314W	1 gang vertical mounting box 25mm deep	10
CLB41W	1 gang 35mm deep	10
CLB51W	1 gang 50mm deep	10
CLB32W	2 gang 25mm deep	10
CLB42W	2 gang 35mm deep	10
CLB52W	2 gang 50mm deep	10



Screened socket mounting boxes

Ref	Size	Packed
CLBS1W	1 gang 25mm deep	10
CLBS14W	1 gang vertical mounting box 25mm deep	10
CLBS3W	1 gang 35mm deep	10
CLBS5W	1 gang 50mm deep	10
CLBS2W	2 gang 25mm deep	10
CLBS4W	2 gang 35mm deep	10
CLBS6W	2 gang 50mm deep	10



MCB/RCD housing

Ref	Profile	Packed
DCH3W	Housing unit only	1
DCHC3W	Housing unit only with cover	1

Complete with DIN mounting rail. (See technical section for MCB/RCD suitability).

Ultimate 60 fittings









Extension collars

Ref	Size	Packed
CEC110W	1 gang 10mm deep	10
CEC119W	1 gang 19mm deep	10
CEC210W	2 gang 10mm deep	10
CEC219W	2 gang 19mm deep	10

Socket mounting plate

Ref	Size	Packed
CTMP1W	1 gang	15
CTMP2W	2 gang	10

Mounting frames

Ref	Size	Packed
ATMF451W	1 gang	15
ATMF452W	2 gang	10

Mini trunking adaptors - self adhesive

Ref	Size	Packed
CLA31W	16 x 16mm	5
CLA32W	25 x 16mm	5

Note: Images for illustration purposes only.



Ultimate 62

Ultimate 62 has been designed to support and maintain the integrity of your data solution. The trunking offers a modern curved profile with a dedicated data compartment with capacity for up to 42 Cat 6 cables.

Features & benefits:

End user

- Dedicated compartment for data cabling holds up to 42 CAT6 cables
- Standard fittings provide for 50mm minimum bend radius
- Screw fix fittings provide added security and reduce the risk of damage to installations
- Part M DDA compliancy available including DDA plates or compliant wiring accessories
- Standard colour white, other RAL colour options available

Installer

- Deeper profile 190mm x 62mm for ease of cable installation
- Pre-punched steel divider for compartment segregation
- Accommodates socket boxes up to 50mm deep
- Standard 3 metre lengths, other lengths available on request
- Available pre-wired to save time
- Pre drilled base for ease of installation

Trunking

Fittings

Ultimate 62





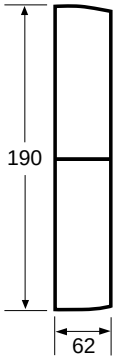
Cabling infrastructure solutions in today's market are driving towards greater networking speeds. An effective cable management solution is crucial to maintaining the performance of the network. Schneider Electrics new Ultimate 62 trunking has been designed to support and maintain the integrity of your data solution. Ultimate 62 meets and exceeds the requirements for ANS/TIA/EIA, ISO/IEC11801 and EN50174-2.

With a dedicated data compartment and a depth of 62mm, Ultimate 62 can offer a 50mm bend radius for internal and external bends, flat angles and tees, whilst incorporating an elegant and stylish look. This makes Ultimate 62 a totally integrated solution for CAT5e, CAT6, CAT7 and fibre optic cables.

Technical data

- Material: uPVC
- Colour: white. RAL colour options available
- 3m lengths
- 2 compartments
- Pre-drilled base
- Deeper profile 190 x 62mm
- Standard fittings provided for 50mm minimum bend radius
- Dedicated compartment for data cabling - holds up to 48 UTP or 42 STP CAT6 data cables
- Screw fix for fittings giving added security
- Accommodates socket mounting boxes up to 50mm deep
- Accepts all leading wiring accessories
- Increased depth allows for extra capacity for CAT5e, CAT6, CAT6 Augmented, CAT7 data and fibre optic cabling
- Cable capacities shown in technical section
- Meets and exceeds ANSTI/TIA/EIA, ISO/IEC 11801 and EN50174-2
- Optional 60mm divider for top compartment
- Pre-punched steel divider for compartment divider
- BS4678 Pt.4, BS7671 (IEE regs), BS6701 (2004), BSEN50173, (Cenelec)
- BSEN50174-2, ANSI/TIA/EIA 568B and ISO/IEC11801
- Available pre-wired
- Part M DDA compliancy available
- Antimicrobial available







Cat 6 Compliancy

The Ultimate 62 trunking system has a dedicated compartment for data cabling with depth of 60mm that can hold up to 48 UTP or 42 STP CAT6 cables.

Trunking assembly

Ref	Packed
CU2W	2 x 3m

Supplied with 30mm deep power divider

Trunking assembly complete with upper grey lid

Ref	Packed
CU2WCLL3G	2 x 3m

Part M - DDA compliant

Antimicrobial available

Divider

Ref	Packed
CUD2W	16 x 1.5m

Spacing Lid cover

Ref	Packed
CCS3W	10

Spare Lid packs

Ref	Description	Packed
CLL3W	Top (larger)	2 x 3m
DLN2W	Bottom (smaller)	2 x 3m

Ultimate 62 fittings



External angle

Ref	Packed
CUXB2W	1

Cover and back section for screw fix.



Internal angle

Ref	Packed
CUIB2W	1

Cover and back section for screw fix.



Joint cover

Ref	Packed
CUJ2W	1



End caps

Ref		Packed
CUS2LW	LH	2
CUS2RW	RH	2



Flat angle

Ref		Packed
CUF2RW	Riser	1
CUF2DW	Dropper	1

Complete with integral data cable guides.



Flat tee

Ref		Packed
CUT2RW	Riser	1
CUT2DW	Dropper	1

Complete with integral data cable guides.



Screening divider

Ref	Type	Packed
SS43	43mm x 1mm	4 x 1.5m

With oval knockouts at 300mm intervals.



Continued screening

Ref		Packed
SSX43	External	1
SSI43	Internal	1

For continued screening around external/internal angles.



Earth tags

Ref	Packed
SET1	10

Ultimate 62 fittings



Oval bell mouth bush

Ref	Packed
BMB	10

Note: Where cabling passes through knockouts, a bell mouth bush can be supplied which fits into the knockouts preventing any potential snagging of sensitive cabling.



DDA plate

Ref	Description	Colour	Colour Ref	Packed
DDA1BL	1 gang	Traffic Blue	RAL5017	10
DDA2BL	2 gang	Traffic Blue	RAL5017	10
DDA1CH	1 gang	Charcoal Grey	BS10A11	10
DDA2CH	2 gang	Charcoal Grey	BS10A11	10



DDA compliant lid

Ref	Colour	Packed
CLL3G	Grey	2x3m

Rear cable entry box

Ref	Packed
CBB3	1



Socket mounting boxes - white

Ref	Size	Packed
CLB31W	1 gang 25mm deep	10
CLB314W	1 gang vertical mounting box 25mm deep	10
CLB41W	1 gang 35mm deep	10
CLB51W	1 gang 50mm deep	10
CLB32W	2 gang 25mm deep	10
CLB42W	2 gang 35mm deep	10
CLB52W	2 gang 50mm deep	10



Screened socket mounting boxes

Ref	Size	Packed
CLBS1W	1 gang 25mm deep	10
CLBS14W	1 gang vertical mounting box 25mm deep	10
CLBS3W	1 gang 35mm deep	10
CLBS5W	1 gang 50mm deep	10
CLBS2W	2 gang 25mm deep	10
CLBS4W	2 gang 35mm deep	10
CLBS6W	2 gang 50mm deep	10



MCB/RCD housing

Ref	Profile	Packed
DCH3W	Housing Unit only	1
DCHC3W	Housing Unit only with cover	1

Complete with DIN mounting rail (see technical section for MCB/RCD suitability).



Extension collars

Ref	Size	Packed
CEC110W	1 gang 10mm deep	10
CEC119W	1 gang 19mm deep	10
CEC210W	2 gang 10mm deep	10
CEC219W	2 gang 19mm deep	10



Socket mounting plate

Ref	Size	Packed
CTMP1W	1 gang	15
CTMP2W	2 gang	10



Mounting frames

Ref	Size	Packed
ATMF451W	1 gang	15
ATMF452W	2 gang	10

For 45 x 45mm accessories.



Mini Trunking adaptors - self adhesive

Ref	Size	Packed
CLA31W	16 x 16mm	5
CLA32W	25 x 16mm	5

Note: Images for illustration purposes only.

Cableline 50

With 3 functional profiles available Cableline 50 trunking offers a high quality medium sized perimeter trunking solution.

The range accommodates both 25mm and 35mm deep boxes, and is complemented by Schneider Electrics wiring accessories range.

Features & benefits:

End user

- 180mm x 52mm profiles, 3 compartment
- 3 profile styles available
- Part M DDA compliancy available including grey centre lids, DDA plates or compliant wiring accessories
- Screw on corner fittings provide added security and reduce the risk of damage to installations
- Optional data cable guides enable cable to maintain a minimum bend radius

Installer

- Easy ‘snap fit’ lids and bases
- Accommodates both 25mm and 35mm deep boxes for a range of accessories
- Standard 3 metre lengths, other lengths available on request
- Pre drilled base for ease of installation

Trunking

Fittings

Cableline 50

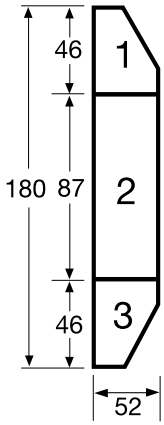


Technical data

- Material uPVC
- Colour: white RAL colour options available
- 3m lengths
- 180 x 52mm profiles
- 3 compartments
- Pre-drilled base
- 3 profiles available
- Screw on corner fittings for added security
- Accommodates 25mm and 35mm deep boxes for a wide range of accessories
- Accepts all leading wiring accessories
- Optional data cable guide enables cable to maintain a minimum bend radii
- BS4678 Pt.4, BS7671 (IEE regs), BS6701 (2004), EN50173 Cenelec
- BSEN50174-2, ANSI/TIA/EIA568B and ISO/IEC11801
- This unit is available pre-wired, contact us for further details
- Part M DDA compliancy available
- Antimicrobial available



DP3W

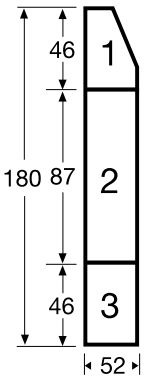


Trunking assemblies

Ref	Packed
DP3W	2 x 3m
ER3W	2 x 3m
EL3W	2 x 3m



ER3W



Spare lid pack

Ref		Packed
CLL3W	Centre	2 x 3m
DPN3W	Chamfered outer	2 x 3m
ELN3W	Radius outer	2 x 3m

Spacing cover lid

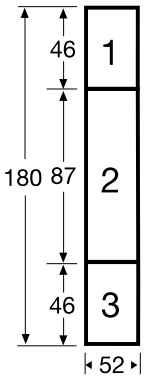
Ref	Packed
CCS3W	10

Part M - DDA compliant

Antimicrobial available



EL3W



Cableline 50 fittings



External angle

Ref	To suit Cableline 50 profile	Packed
DPX3W	DP3W	1
ERX3W	ER3W	1
ELX3W	EL3W	1



Data cable guide

Ref		Packed
DCGA	Top/Bottom	2



Internal angle

Ref	To suit Cableline 50 profile	Packed
DPI3W	DP3W	1
ERI3W	ER3W	1
ELI3W	EL3W	1



Joint cover

Ref	To suit Cableline 50 profile	Packed
DPJ3W	DP3W	2
ERJ3W	ER3W	2
ELJ3W	EL3W	2



End caps

Ref	To suit Cableline 50 profile		Packed
DPE3W	DP3W		2
ERS3LW	ER3W	Left	2
ERS3RW	ER3W	Right	2
ELS3W	EL3W		2



Flat angle unit

Ref	To suit Cableline 50 profile		Packed
DPF3W	DP3W		1
ERF3CW	ER3W	Riser	1
ERF3RW	ER3W	Dropper	1
ELF3W	EL3W		1

Cableline 50 fittings



Flat tee unit

Ref	To suit Cableline 50 profile	Packed
DPT3W	DP3W	1
ERT3W	ER3W	1
ELT3W	EL3W	1

Includes one crossover unit Ref. DL03



MCB/RCD housing complete with DIN mounting rail

Ref	Profile	Packed
DCH3W	DP3, ER3, EL3 housing unit only	1
DCHC3W	Housing unit with cover	1

Complete with DIN mounting rail (see technical section for MCB/RCD suitability).



Screening divider

Ref	Type	Packed
SS34	34mm x 1mm	4 x 1.5m



Earth tags

Ref	Packed
SET1	10



Cable retainers

Ref	To suit	Packed
DPC3T	Chamfered outer compartment	20
DLC3M	Centre compartment	10
DSC3T	Radius outer compartment	20



DDA plate

Ref	Description	Colour	Colour Ref	Packed
DDA1BL	1 gang	Traffic Blue	RAL5017	10
DDA2BL	2 gang	Traffic Blue	RAL5017	10
DDA1CH	1 gang	Charcoal Grey	BS10A11	10
DDA2CH	2 gang	Charcoal Grey	BS10A11	10



DDA compliant lid

Ref	Colour	Packed
CLL3G	Grey	2 x 3m



Rear cable entry box

Ref	Packed
CBB3	1

Cableline 50 fittings



Socket mounting boxes - white

Ref	Size	Packed
CLB31W	1 gang 25mm deep	10
CLB314W	1 gang 25mm deep vertical mounting box	10
CLB41W	1 gang 35mm deep	10
CLB32W	2 gang 25mm deep	10
CLB42W	2 gang 35mm deep	10



Screened socket mounting boxes

Ref	Size	Packed
CLBS1W	1 gang 25mm deep	10
CLBS14W	1 gang vertical mounting box 25mm deep	10
CLBS3W	1 gang 35mm deep	10
CLBS2W	2 gang 25mm deep	10
CLBS4W	2 gang 35mm deep	10



Extension collars

Ref	Size	Packed
CEC110W	1 gang 10mm deep	10
CEC119W	1 gang 19mm deep	10
CEC210W	2 gang 10mm deep	10
CEC219W	2 gang 19mm deep	10



Mounting frames

Ref	Size	Packed
ATMF451W	1 gang	15
ATMF452W	2 gang	10

For 45 x 45mm accessories.



Socket mounting plate

Ref	Size	Packed
CTMP1W	1 gang	15
CTMP2W	2 gang	10

Cableline 50 fittings



Crossover unit - white		
Ref		**Packed**
DL03	For Cableline 50	5



Mini trunking adaptors - white self adhesive		
Ref	**Size**	**Packed**
CLA31W	16 x 16mm	5
CLA32W	25 x 16mm	5



Cable hanger - white	
Ref	**Packed**
CLH3	10

Note Images are for illustration purposes only. Fittings will vary according to profile selected.

Cableline 40

With 3 functional profiles available Cableline 40 trunking offers a high quality compact perimeter solution.

A reduced projection of 40mm provides a less invasive cable management solution for installations which do not demand large cable capacity.

☑ Features & benefits:

End user

- Slim 40mm profile depth ensures minimum obtrusion into working environments
- 145mm x 40mm profiles, 3 compartment
- 3 profile styles available
- Part M DDA compliancy available including grey centre lids, DDA plates or compliant wiring accessories
- Screw on corner fittings provide added security and reduce the risk of damage to installations

Installer

- Easy ‘snap fit’ lids and bases
- Accommodates 25mm deep boxes
- Standard 3 metre lengths, other lengths available on request
- Pre drilled base for ease of installation

Trunking

Fittings

Cableline 40

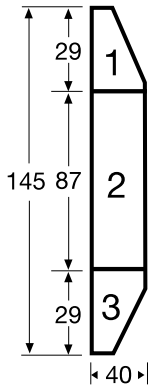


Technical data

- Material: uPVC
- Colour: white. RAL colour options available
- 3m lengths
- 145 x 40mm profiles
- 3 compartments
- Pre-drilled base
- 3 profiles available
- Screw on corner fittings for added security
- Accommodates 25mm deep boxes for a wide range of accessories
- BS4678 Pt.4, BS7671 (IEE regs), BS6701 (2004), BSEN50173, (Cenelec)
- BSEN50174-2, ANSI/TIA/EIA 568B and ISO/IEC11801
- This unit is available pre-wired, contact Sales Office for further details
- Part M DDA compliancy available
- Antimicrobial available



CP3W



Trunking assemblies

Ref	Packed
CP3W	2 x 3m
CS3W	2 x 3m
CL3W	2 x 3m

Spare lid pack

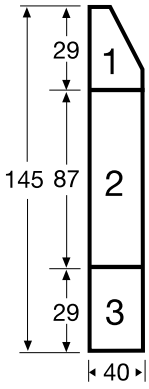
Ref		Packed
CLL3W	Centre	2 x 3m
CSN3W	Chamfered outer	2 x 3m
CLN3W	Radius outer	2 x 3m

Spacing cover lid

Ref	Packed
CCS3W	10

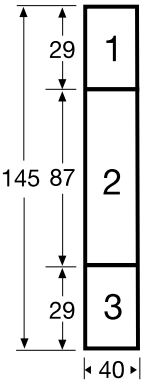


CS3W





CL3W



Part M - DDA compliant

Antimicrobial available

Cableline 40 fittings



External angle

Ref	To suit Cableline 40 profile	Packed
CPX3W	CP3W	1
CSX3W	CS3W	1
CLX3W	CL3W	1



Internal angle

Ref	To suit Cableline 40 profile	Packed
CPI3W	CP3W	1
CSI3W	CS3W	1
CLI3W	CL3W	1



Joint cover

Ref	To suit Cableline 40 profile	Packed
CPJ3W	CP3W	2
CSJ3W	CS3W	2
CLJ3W	CL3W	2



End caps

Ref	To suit Cableline 40 profile		Packed
CPS3W	CP3W		2
CSS3LW	CS3W	Left	2
CSS3RW	CS3W	Right	2
CLS3W	CL3W		2
Radius end caps			
CLE3W	CL3W		1



Flat angle unit

Ref	To suit Cableline 40 profile		Packed
CPF3W	CP3W		1
CSF3CW	CS3W	Riser	1
CSF3RW	CS3W	Dropper	1
CLF3W	CL3W		1

CSF 3CW has a chamfered inner lid and a radius outer lid.
CSF 3RW has a radius inner lid and a chamfered outer lid.



Flat tee unit

Ref	To suit Cableline 40 profile		Packed
CPT3W	CP3W		1
CST3CW	CS3W	Riser	1
CST3RW	CS3W	Dropper	1
CLT3W	CL3W		1

Includes one crossover unit Ref. CLO3R.
When a tee branch is taken off CS3 trunking use profile CP3 trunking, for CST3CW.
When a tee branch is taken off CS3 trunking use profile CL3 trunking, for CST3RW.



MCB/RCD housing complete with DIN mounting rail

Ref	Profile	Packed
BCH3W	CP3W, CS3W, CL3W Housing Unit only	1
BCHC3W	Housing Unit only with cover	1

Complete with DIN mounting rail (see technical section for MCB/RCD suitability).

Cableline 40 fittings



Screening divider

Ref	Type	Packed
SS23	23mm x 1mm	4 x 1.5m



Earth tags

Ref	Packed
SET1	10



Cable retainers

Ref		Packed
CSC3T	Chamfered outer	20
CLC3M	Centre	10
CLC3T	Outer radius	20



DDA plate

Ref	Description	Colour	Colour Ref	Packed
DDA1BL	1 gang	Traffic Blue	RAL5017	10
DDA2BL	2 gang	Traffic Blue	RAL5017	10
DDA1CH	1 gang	Charcoal Grey	BS10A11	10
DDA2CH	2 gang	Charcoal Grey	BS10A11	10



DDA compliant lid

Ref	Colour	Packed
CLL3G	Grey	2x3m



Rear cable entry box

Ref	Packed
CBB3	1



Socket mounting boxes - white

Ref	Size	Packed
CLB31W	1 gang 25mm deep	10
CLB314W	1 gang 25mm deep vertical mounting box	10
CLB32W	2 gang 25mm deep	10



Screened socket mounting boxes

Ref	Size	Packed
CLBS1W	1 gang 25mm deep	10
CLBS14W	1 gang vertical mounting box 25mm deep	10
CLBS2W	2 gang 25mm deep	10

Cableline 40 fittings



Extension collars

Ref	Size	Packed
CEC110W	1 gang 10mm deep	10
CEC119W	1 gang 19mm deep	10
CEC210W	2 gang 10mm deep	10
CEC219W	2 gang 19mm deep	10



Mounting frames

Ref	Size	Packed
ATMF451W	1 gang	15
ATMF452W	2 gang	10

For 45 x 45mm accessories.



Socket mounting plate

Ref	Size	Packed
CTMP1W	1 gang	15
CTMP2W	2 gang	10



Crossover unit - white

Ref		Packed
CLO3	For Cableline 40	5



Mini trunking adaptors - white self adhesive

Ref	Size	Packed
CLA31W	16 x 16mm	5
CLA32W	25 x 16mm	5



Cable hanger - white

Ref	Packed
CLH3	10

Please Note Images are for illustration purposes only. Fittings will vary according to profile selected.

Elegant & adaptable



Consort
Elegant & adaptable

Consort is a range of single compartment uPVC trunking which can be easily segregated using dividers. Complemented by a concise range of ready to use components, Consort will accept all leading wiring accessories. The range includes large radius bends for structured cabling installations.

☑ Features & benefits:

End user

> 100mm x 50mm single compartment trunking
> Stylish curved profile providing a contemporary look and feel
> Reduced projection provides a less obstructive solution

Installer

> Adjustable bends allow movement of +/- 5 degrees
> Single lid allows a shorter install time
> Clip on fittings reduce installation time
> Ultimate 60 to Delta convertor (CAC3W) allows for mixed installation with Ultimate 60 range

Delta 105 trunking

Dado trunking

Carlton skirting trunking

Consort Delta 105



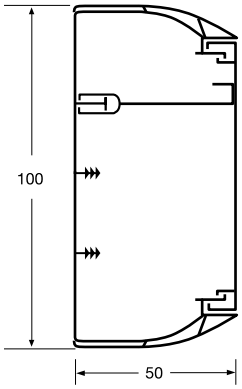
Consort Delta 105, with dimensions of 100 x 50mm is a single compartment uPVC trunking with a stylish profile. Delta 105 has been designed for use in power and high density CAT5e and CAT6 structured cabling installations. Delta 105 has a contemporary look and the trunking features adjustable bends and a multi-configurable tee.

Technical data

- Material: uPVC
- Colour: white
- 3m lengths
- 100 x 50mm trunking with a contemporary look
- Adjustable bends allow movement +/– 5°
- Multi-configurable tee allowing for 50mm bend radius to be maintained
- Clip on fittings
- Accommodates socket mounting boxes up to 35mm deep
- Steel screening divider where required
- Meets and exceeds requirements of European and International Data Standards
- BS4678 Pt.4, BS7671 (IEE regs), BS6701 (2004), EN50173, (Cenelec)
- EN50174-2, ANSI/TIA/EIA 568B and ISO/IEC11801
- Antimicrobial available



DA105W



Trunking assemblies

Ref		Packed
DA105W	Divider not included	2 x 3m

Divider

Ref	Packed
DAHD105W	24m



External angle - adjustable (+/-5º)

Ref	Packed
DAX105W	1



Internal angle - adjustable (+/-5º)

Ref	Packed
DAI105W	1

Part M - DDA compliant

Antimicrobial available

Cat 6 Compliancy

The Consort Delta 105 trunking system accommodates high density data installations with a depth of 50mm holding up to 59 UTP or 41 STP data cables in the centre compartment.

Consort Delta 105 fittings



Joint cover

Ref	Packed
DAJ105W	2



End caps

Ref	Packed
DAS105W	2



Flat angle

Ref	Packed
DAF105W	1



Flat tee

Ref	Packed
DAT105W	1

Note: Flat tee is supplied with 1 x tee bridge and 1 x tee clip.



Screening divider

Ref	Type	Packed
SS105	47.5mm x 1mm	4 x 1.5m

For continued screening divider around external/internal angles.

Ref		Packed
SSX105	External	1
SSI105	Internal	1

Spares: Tee bridge/clip (DATB1 and DATBC) are also available.



Earth tags

Ref	Packed
SET1	10



DDA plate

Ref	Description	Colour	Colour Ref	Packed
DDA1BL	1 gang	Traffic Blue	RAL5017	10
DDA2BL	2 gang	Traffic Blue	RAL5017	10
DDA1CH	1 gang	Charcoal Grey	BS10A11	10
DDA2CH	2 gang	Charcoal Grey	BS10A11	10



DDA compliant lid

Ref	Colour	Packed
CLL3G	Grey	2 x 3m

Consort Delta 105 fittings



Socket mounting boxes

Ref	Size	Packed
CTB11W	1 gang 25mm deep	10
CTB21W	1 gang 35mm deep	10
CTB114W	1 gang vertical 25mm	10
CTB12W	2 gang 25mm deep	10
CTB22W	2 gang 35mm deep	10



Socket mounting plate - white

Ref	Size	Packed
CTMP1W	1 gang	15
CTMP2W	2 gang	10



Mounting frames

Ref	Size	Packed
ATMF451W	1 gang	15
ATMF452W	2 gang	10

For 45 x 45mm accessories.



Mini Trunking adaptors - white Self adhesive

Ref	Size	Packed
MFC1W	16 x 16mm	10
MFC2W	25 x 16mm	10



MCB/RCD housing complete with DIN mounting rail

Ref	Profile	Packed
BCH3W	Housing Unit only	1
BCHC3W	Housing Unit only with cover	1

Complete with DIN mounting rail (see technical section for MCB/RCD suitability).

Consort Dado Trunking



Consort dado trunking is a multi-compartment, all insulated trunking system designed for fast and accurate fixing.

The versatile system readily adapts to suit unusual requirements and will accept all leading wiring accessories.

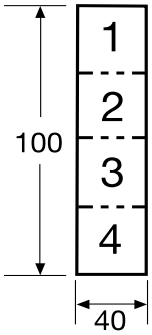
Consort dado offers a concise range of ready to use components, including radius bends for CAT5E, CAT6 and fibre optic cabling.

Technical data

- Material: uPVC
- Colour: white
- 3m lengths
- Single compartment readily segregated with clip-in dividers
- Proven double locking lid providing extra safety
- Fully segregated one and two gang socket boxes accepting wiring accessories from all leading manufacturers
- Complete range of moulded fittings for fast, cost effective installation and maintenance
- BS4678 Pt.4, BS7671 (IEE regs), BS6701 (2004), EN50173, (Cenelec)
- EN50174-2, ANSI/TIA/EIA 568B and ISO/IEC11801
- This unit is available pre-wired, contact Sales Office for further details
- Part M DDA compliancy available
- Antimicrobial available

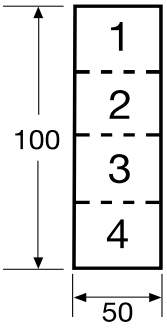


CT104W



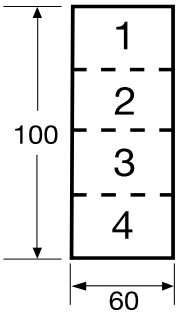


CT105W





CT106W





Trunking assemblies

Ref	Profile	Packed
CT104W	100 x 40mm	2 x 3m
CT105W	100 x 50mm	2 x 3m
CT106W	100 x 60mm	2 x 3m

Dividers

Ref	Size	Packed
CTD40W	40mm deep	16 x 1.5m
CTD50W	50mm deep	16 x 1.5m
CTD60W	60mm deep	16 x 1.5m

Part M - DDA compliant

Antimicrobial available

Consort Dado Trunking fittings



External angle

Ref	To suit Consort profile	Packed
CTO104W	100 x 40mm	1
CTO105W	100 x 50mm	1
CTO106W	100 x 60mm	1



Data cable guide

Ref	To suit Consort profile	Packed
CGX2W	For external angle	1
CGI2W	For internal angle	1



Internal angle

Ref	To suit Consort profile	Packed
CTI104W	100 x 40mm	1
CTI105W	100 x 50mm	1
CTI106W	100 x 60mm	1



Joint covers and couplers

Ref	To suit Consort profile	Packed
CTJ104W	100 x 40mm	2
CTJ105W	100 x 50mm	2
CTJ106W	100 x 60mm	2
CTC40W	100 x 40mm coupler	10



Flat angles

Ref	To suit Consort profile	Packed
CTF104W	100 x 40mm	1
CTF105W	100 x 50mm	1
CTF106W	100 x 60mm	1



Tee unit

Ref	To suit Consort profile	Packed
CTT104W	100 x 40mm	1
CTT105W	100 x 50mm	1
CTT106W	100 x 60mm	1



End caps and flat stop end

Ref	To suit Consort profile	Packed
CTS104W	100 x 40mm	2
CTS105W	100 x 50mm	2
CTS106W	100 x 60mm	2
CTE104W	100 x 40mm stop end	5

Consort Dado Trunking fittings



Cable retainers

Ref	To suit Consort profile	Packed
CTR104W	100 x 40mm	10
CTR105W	100 x 50mm	10
CTR106W	100 x 60mm	10



External angle - large radius

Ref	To suit Consort profile	Packed
CTOX104W	100 x 40mm	1
CTOX105W	100 x 50mm	1
CTOX106W	100 x 60mm	1



Internal angle - large radius

Ref	To suit Consort profile	Packed
CTIX104W	100 x 40mm	1
CTIX105W	100 x 50mm	1
CTIX106W	100 x 60mm	1



Flat angle - large radius

Ref	To suit Consort profile	Packed
CTFX104W	100 x 40mm	1
CTFX105W	100 x 50mm	1
CTFX106W	100 x 60mm	1



DDA plate

Ref	Description	Colour	Colour Ref	Packed
DDA1BL	1 Gang	Traffic Blue	RAL5017	10
DDA2BL	2 Gang	Traffic Blue	RAL5017	10
DDA1CH	1 Gang	Charcoal Grey	BS10A11	10
DDA2CH	2 Gang	Charcoal Grey	BS10A11	10



DDA compliant lid

Ref	Colour	Packed
CLL3G	Grey	2x3m

Consort Dado Trunking fittings



Socket mounting boxes

Ref	Size	Packed
CTB11W	1 gang 25mm deep	10
CTB21W*	1 gang 35mm deep	10
CTB114W	1 gang vertical 25mm	10
CTB12W	2 gang 25mm deep	10
CTB22W*	2 gang 35mm deep	10

* Not suitable for use with CT104W dado trunking.



Socket mounting plate - white

Ref	Size	Packed
CTMP1W	1 gang	15
CTMP2W	2 gang	10



Mounting frames

Ref	Size	Packed
ATMF451W	1 gang	15
ATMF452W	2 gang	10

For 45 x 45mm accessories.



Mini Trunking adaptors - white self adhesive

Ref	Size	Packed
MFC1W	16 x 16mm	10
MFC2W	25 x 16mm	10



MCB/RCD housing complete with DIN mounting rail

Ref	Profile	Packed
DCH3W	CT105W, CT106W Housing Unit only	1
DCHC3W	CT105W, CT106W Housing Unit only with cover	1
BCH3W	CT104W Housing Unit only	1
BCHC3W	CT104W Housing Unit only with cover	1

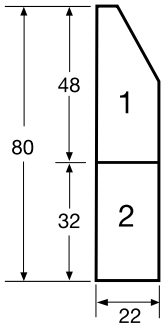
Complete with DIN mounting rail (see technical section for MCB/RCD suitability).

Carlton Skirting Trunking and fittings





SK82W



Technical data

- Material: uPVC
- Colour: white
- 3m lengths
- 2 compartment
- 80 x 22mm traditional skirting appearance
- Single lid
- Screw on corner fittings with recessed screws
- One and two gang socket mounting boxes angled towards user
- Top fixing lid for ease of fixing
- Special shroud which allows access to both compartments without removing the boxes
- Applications range from hotel rooms to sheltered housing and portable buildings
- Antimicrobial available

Trunking assemblies

Ref	Size	Packed
SK82W	80 x 22mm	5 x 3m



External angle

Ref	Packed
SKE82W	10

Internal angle

Ref	Packed
SKI82W	10



Joint cover

Ref	Packed
SKJ82W	10



End caps

Ref		Packed
SKL82W	Left hand	10
SKR82W	Right hand	10



Socket mounting boxes - white

Ref	Size	Packed
SKB21W	1 gang	10
SKB22W	2 gang	10



Mini trunking adaptors - white

Ref	Size	Packed
SKM822W	25 x 16mm	10

Crossover unit

Ref	Packed
SKC82W	10

Practical functionality



Aluminium trunking

Aluminium trunking combines an elegant design with practical functionality.

Aluminium perimeter trunking combines the strength and durability of aluminium with a stylish modern design. Available in a profile that can be sub divided to offer flexibility. An attractive profile, with no visible screws or fixings, provides a 'clean' finish.

Features & benefits:

End user

> Compact attractive design
> Accepts all leading wiring accessories
> Rigid construction

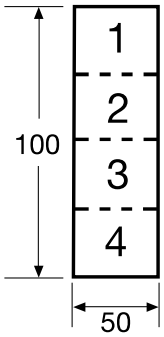
Installer

> Robust design
> Ease of installation
> 2m lengths

AT series aluminium trunking

AT Series Aluminium Trunking





Technical data

- Material: Alumunium
- Colour: satin anodised aluminium finish RAL colour options available
- 2m lengths
- This unit is available pre-wired
- Attractive, aesthetically pleasing trunking profile
- Clip in dividers
- Fabricated fittings
- Components supplied complete with earthing accessories
- Accepts standard mounting boxes, RCD housings and 45 x 45mm pattern plates
- Ease of installation



AT105A

Trunking assemblies

Ref	Size	Packed
AT105A	100 x 50mm	2 x 2m

Note: All aluminium trunking assemblies comprise body, lid, jointing piece and earthing components



Divider - moulded

Ref	Size	Packed
ATD50W	50mm	10 x 2m



External angle

Ref	Packed
AFX105A	1



Internal angle

Ref	Packed
AFI105A	1



Flat angle

Ref	Packed
AFF105A	1

Flat tee

Ref	Packed
AFT105A	1

Part M - DDA compliant

AT Series Aluminium Trunking fittings



Stop ends

Ref	Packed
AMS105A	2

Packed with 2 fixing screws.



Joint cover

Ref	Packed
AMJ105A	2



MCB/RCD housing complete with DIN mounting rail

Ref	Profile	Packed
DCH3W	Housing unit only	1
DCHC3W	Housing unit with cover	1



DDA plate

Ref	Description	Colour	Colour Ref	Packed
DDA1BL	1 gang	Traffic Blue	RAL5017	10
DDA2BL	2 gang	Traffic Blue	RAL5017	10
DDA1CH	1 gang	Charcoal Grey	BS10A11	10
DDA2CH	2 gang	Charcoal Grey	BS10A11	10



Socket mounting boxes - white

Ref	Size	Packed
ATB2514W	1 gang 4 pillar 25mm deep	10



Socket mounting boxes - white

Ref	Size	Packed
ATB3514W	1 gang 4 pillar 35mm deep	10
ATB352W	2 gang 35mm deep	10



Mounting frames with BS fixing centres

Ref	Size	Packed
ATMP1W	1 gang	15
ATMP2W	2 gang	10

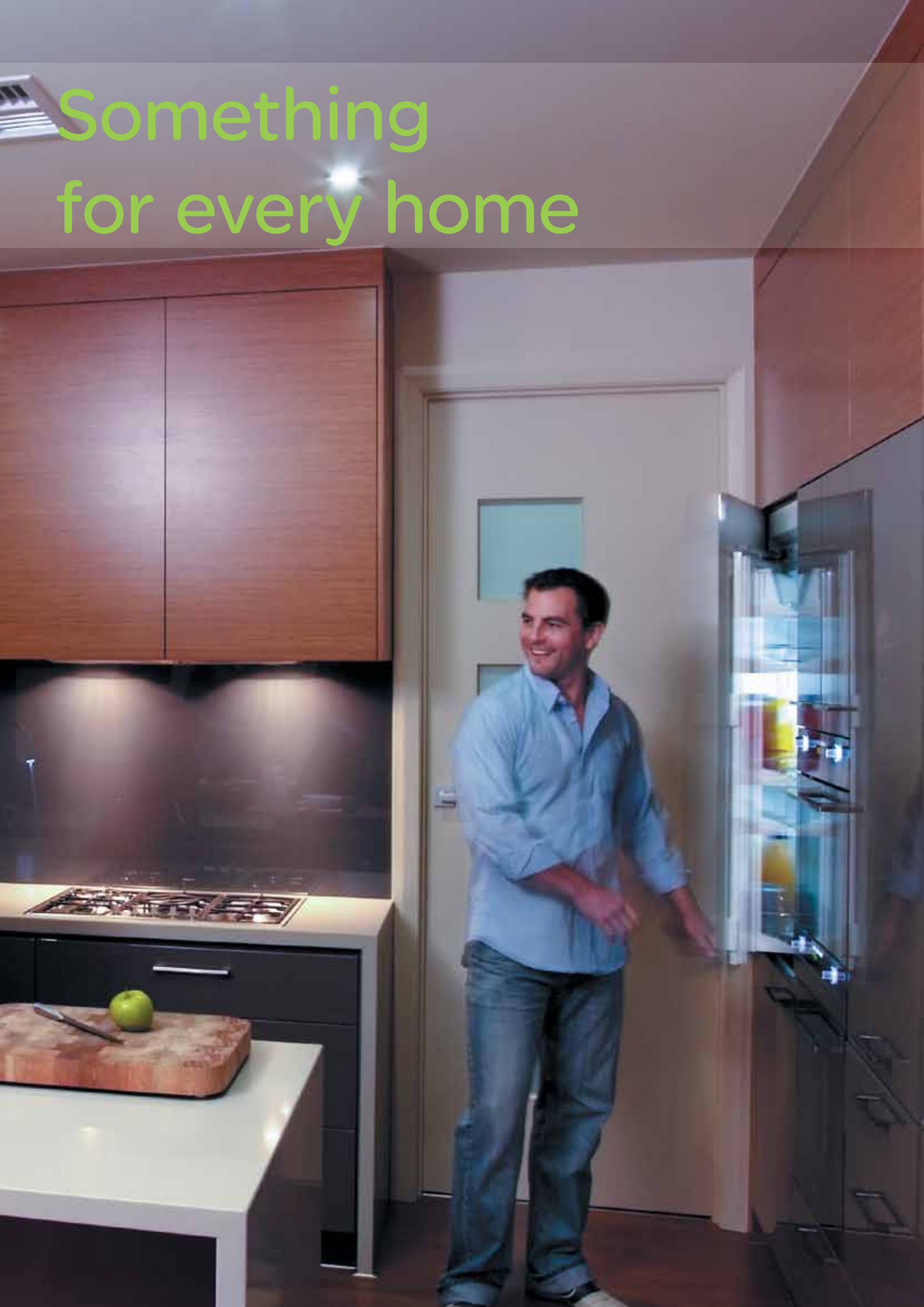


Mounting frames

Ref	Size	Packed
ATMF451W	1 gang	15
ATMF452W	2 gang	10

For 45 x 45mm accessories.

Something for every home



Ultimate slimline white moulded

Ultimate slimline white moulded wiring accessories offer a stylish, modern alternative. Aesthetically pleasing and ultra-slim, these sleek fittings make for ease of installation with their subtle curved profile and minimum back projections.

The range, which includes euromodular and grid variants, was designed to complement the Ultimate screwless and flat plate ranges for situations where a combination of fittings may be required.

☑ Features & benefits:

End user

- An ultra-slim plate for minimum projection when flush fitted
- Curved rockers with tactile switch action
- Slim-line, compact neons for a less obtrusive look
- Screw cap covers provide a sleek finishing touch

Installer

- Minimal back projection for both new and retrofits (sockets 25mm)
- Unique integral locking facility on isolator for added safety
- Colour coded in-line terminals make selection even easier
- Double pole options on 1-gang and 2-gang switched sockets (twin-earth terminals on 2 gang sockets)
- All fuse carriers are lockable to prevent accidents during maintenance
- Plated earth straps assist longevity for a corrosion free life

Ultimate range

Ultimate white moulded













Technical data

- Dimensions: 86 x 86mm (1 gang), 86 x 146mm (2 gang)
- Fix screws: M3.5 x 25mm and 30mm
- BS 1363

13A unswitched socket outlets

Ref	Description	Packed
GU3050	1 gang unswitched	10
GU3060	2 gang unswitched	5

13A SP switched socket outlets

Ref	Description	Packed
GU3010	1 gang switched	10
GU3011	1 gang switched with neon	10
GU3020	2 gang switched	5
GU3021	2 gang switched with neons	5

13A DP switched socket outlets

Ref	Description	Packed
GU3010D	1 gang DP switched	10
GU3020D	2 gang DP switched	5

13A DP outboard rocker switched socket outlets

Ref	Description	Packed
GU3030	2 gang switched	5
GU3031	2 gang switched with clean earth	5
GU3032	2 gang switched red with rockers, clean earth and neons	5
GU3033	2 gang switched with clean earth and non standard	5
GU3034	2 gang switched with red rockers, clean earth, non standard and neons	5

Turn to page 53 to view our full range of Part M solutions.

13A unswitched fused connection units

Ref	Description	Packed
GU5000	13A unswitched	10
GU5001	13A unswitched with neon	10
GU5003	13A unswitched with flex outlet	10
GU5004	13A unswitched with neon & flex outlet	10
GU50003	3A unswitched	10
GU50033	3A unswitched with flex outlet	10

13A switched fused connection units

Ref	Description	Packed
GU5010	13A DP switched	10
GU5011	13A DP switched with neon	10
GU5013	13A DP switched with flex outlet	10
GU5014	13A DP switched with neon & flex outlet	10

Ultimate white moulded

















Data outlets

Ref	Description	Qty
GU7071	Single gang RJ45 outlet	10
GU7072	Twin gang RJ45 outlet	10
GU7074	Quad RJ45 outlet	5

TV outlets

Ref	Description	Qty
GU7010	Single gang tv/fm co-axial	10
GU7020	Twin gang tv/fm co-axial	10
GU7030	Single gang satellite	10
GU7040	Twin gang satellite/co-axial	5

Screened TV outlets

Ref	Description	Qty
GU7021	Single gang diplex TV/FM	10
GU7081	Single gang triplex TV/FM/SAT	10

Euro modular plates

Ref	Description	Qty
GU8050	1 module	10
GU8060	2 module	10
GU8080	4 module	5

Euro modules

Ref	Description	Module size	Qty
GUE7010W	TV/Radio diplexer	2	1
GUE7011W	Single IEC coax (female)	1	1
GUE7012W	Single IEC coax (male)	1	1
GUE7030W	Single F type sat	1	1
GUE7040W	TV/Sat diplexer	2	1
GUE7081W	TV/FM/Sat triplexer	2	1
GUE7082W	TV/FM/Sat 1/Sat 2 quadplexer	2	1
GUE7020W	HDMI	2	1
GUE7051W	RJ11 modem	1	1
GUE7061W	Telephone (BT master)	1	1
GUE7062W	Telephone (BT secondary)	1	1
GUE7071W	RJ45 CAT5e (not screened)	1	1
GUE7072W	RJ45 CAT6 (not screened)	1	1
GUE7075W	VGA	1	1
GUE7091W	LexCom Performance outlet	1	8
GUE7000W	2 x Phono socket	1	1
GUE7001W	2 x Loudspeaker socket	1	1
GUE8010W	Blank module	1	5

Blank plates & replacement screw capped covers

Ref	Description	Qty
GU8010	1 gang blank plate	10
GU8020	2 gang blank plate	10
GUMSCO	Moulded screw capped covers	100

Ultimate screwless flatplate

Ultimate screwless flat plate provides one of the most comprehensive ranges of beautifully crafted, sleek, sophisticated fittings on the market.

More choice, more style, and packed with innovative technical features for easy installation.

☑ Features & benefits:

End user

- Comprehensive range of wiring devices
- Slimline, compact neons for a subtle effect
- Curved, matching metal capped rockers that are aesthetically pleasing and easy to operate with a choice of white or black interior
- Large plate footprint avoids the need for additional decorating on retrofits

Installer

- Easy-fit screwless front plate simply but securely clips onto the mounting system
- Even with the front plate removed access to live parts is restricted
- Large in-line angled colour coded terminals to aid cable insertion and selection
- Minimal back projection to allow installation using standard flush mounting boxes for both new and retrofits
- Accessories supplied with both long and short screws for installation flexibility
- Double pole options on 1-gang and 2-gang switched sockets (Twin earth terminals on 2-gang sockets)
- Fully matched grid system

Ultimate screwless flat plate

Ultimate screwless flat plate











Technical data

- Dimensions: 88 x 88mm (1 gang), 88 x 148mm (2 gang)
- Fix screws: M3.5 x 25mm and 30mm
- BS 1363

13A unswitched sockets

Ref	Description	Packed
GU3450* **	Ultimate screwless 1 gang 13A unswitched socket	1
GU3460* **	Ultimate screwless 2 gang 13A unswitched socket	1

13A switched sockets

Ref	Description	Packed
GU3410* **	1 gang switched	1
GU3411* **	1 gang switched with neon	1
GU3420* **	2 gang switched	1
GU3421* **	2 gang switched with neons	1
GU3410D* **	1 gang DP switched	1
GU3420D* **	2 gang DP switched	1

13A DP outboard rocker switched socket outlet

Ref	Description	Packed
GU3431* **	2 gang switched with clean earth	1
GU3434* **	2 gang switched with clean earth, non standard and neons	1

13A fused connection units

Ref	Description	Packed
GU5400* **	Unswitched	1
GU5403* **	Unswitched with flex outlet	1
GU5410* **	DP switched	1
GU5411* **	DP switched with neon	1
GU5413* **	DP switched with flex outlet	1
GU5414* **	DP switched with neon and flex outlet	1

Blank plates

Ref	Description	Packed
GU8410**	1 gang	1
GU8420**	2 gang	1

Note Replace *** with suffix code to denote finish/interior colour required:
Note Replace ** with suffix code to denote finish required:

WSS Stainless steel with white interior
BSS Stainless steel with black interior
WPW Painted white with white interior
WPN Pearl nickel with white interior
BPB Polished brass with black interior
WPB Polished brass with white interior
BPC Polished chrome with black interior
WPC Polished chrome with white interior
BBN Black nickel with black interior

Ultimate screwless flat plate



Telephone & data outlets

Ref	Description	Qty
GU7451* **	Single RJ11 outlet	1
GU7461* **	Single telephone master	1
GU7462* **	Single telephone secondary	1
GU7471* **	Single RJ45 outlet	1



TV outlets

Ref	Description	Qty
GU7410* **	Single TV/FM socket	1
GU7420* **	Twin TV/FM socket	1
GU7430* **	Single SAT socket	1



Euro modular plates

Ref	Description	Qty
GU8450**	1 gang euro modular plate	1
GU8460**	2 gang euro modular plate	1
GU8480**	4 gang euro modular plate	1





Euro modules

Ref	Description	Module size	Qty
GUE7010*	TV/Radio diplexer	2	1
GUE7011*	Single IEC coax (female)	1	1
GUE7012*	Single IEC coax (male)	1	1
GUE7030*	Single F type sat	1	1
GUE7040*	TV/Sat diplexer	2	1
GUE7081*	TV/FM/Sat triplexer	2	1
GUE7082*	TV/FM/Sat 1/Sat quadplexer	2	1
GUE7020*	HDMI	2	1
GUE7051*	RJ11 modem	1	1
GUE7061*	Telephone (BT master)	1	1
GUE7062*	Telephone (BT secondary)	1	1
GUE7071*	RJ45 CAT5e (not screened)	1	1
GUE7072*	RJ45 CAT6 (not screened)	1	1
GUE7075*	VGA	1	1
GUE7091*	LexCom Performance outlet	1	8
GUE7000*	2 x Phono socket	1	1
GUE7001*	2 x Loudspeaker socket	1	1
GUE8010*	Blank module	1	5

Note Replace * with suffix code to denote module finish required:
W White
B Black

Note Replace ** with suffix code to denote plate finish required:
SS Stainless steel
PN Pearl Nickel
PC Polished chrome
BN Black nickel
PB Polished brass
PW White metal

Part M



Part M

Part M of the Buildings Regulation 2000, took effect on 1st May 2004 for England and Wales, sets out requirements and guidelines covering access to, and use of, buildings and its facilities to meet the requirement highlighted in the Disability Discrimination Act (DDA) 2005.

Practical advice on elements such as provision of wide doorways and appropriate sanitary facilities are covered by this regulation.

Part M specifically highlights the use of switches, outlets and controls, giving guidance on four main product elements:

> Ease of operation
> Visibility
> Height
> Freedom from obstruction

Features & benefits:

End user

- Contrasting coloured rockers, to improve visibility of sockets
- Sockets that have wider gaps between rockers, to ease operation
- Grey or red coloured bangles to improve visibility and to aid operation of lighting
- Colour contrasting grid plates providing additional flexibility
- Grooved socket to direct the plug into the earth terminal
- Solutions to use with cable management
- Range of red devices for applications which call for equipment to identify essential or critical supply











Technical data

- Dimensions: 86 x 86mm (1 gang), 86 x 146mm (2 gang)
- Fix screws: M3.5 x 30mm
- BS 1363

13A socket outlets

Ref	Description	Qty
GU3010DGY	1 gang DP switched - Grey	10
GU3030GY	2 gang DP switched with outboard rockers - Grey	5
GSKTSW2GV	2 gang 'V' grooved locator socket	5

20AX DP switch

Ref	Description	Qty
GU2010GY	DP switched	10

13A switched fused connection units

Ref	Description	Qty
GU5010GY	DP switched	10
GU5011GY	DP switched with neon	10

Flush moulded front plates

- Supplied with mounting grids

Ref	Description	Qty
GUG01GGY	1 module	1
GUG02GGY	2 module	1
GUG03GGY	3 module	1
GUG04GGY	4 module	1

Communication modules - white metal rockers

- BS EN 41003
- BS EN 3041 (where applicable)

Ref	Description	Qty
GUGTELMWPW	Master telephone outlet	1
GUGTELSWPW	Secondary telephone outlet	1
GUGRJ11WPW	Single RJ11 data outlet	1
GUGRJ45WPW	Single RJ45 data outlet	1
GUGCOWPW	Single TV/FM coaxial	1
GUGSATWPW	Single satellite	1
GUG13FCUWPW	13A fused connection unit module	1
GUG16COWPW	Flexible outlet (10mm diameter)	1

Note: All 2 gang sockets include twin earth terminals as standard, enabling high integrity earthing.

Part M solutions and Essential supply



Ceiling pull cord

Ref	Description	Qty
GPULLGY	Grey 1.5m pull cord with single grey bangle	10
GPULLRD	Red 1.5m pull cord with single grey bangle	10



DDA cable management plate

Ref	Description	Qty
DDA1BL	1 gang Traffic Blue	10
DDA1CH	1 gang Charcoal Grey	10
DDA2BL	2 gang Traffic Blue	10
DDA2CH	2 gang Charcoal Grey	10



Essential supply 13A socket outlets

- Dimensions: 86 x 86mm (1 gang), 86 x 146mm (2 gang)
- Fix screws: M3.5 x 30mm
- BS 1363

Part number	Description	Qty
GU3060RD	2 gang unswitched	5
GU3010DRD	1 gang DP switched	10
GU3030RD	2 gang DP switched with outboard rockers	5

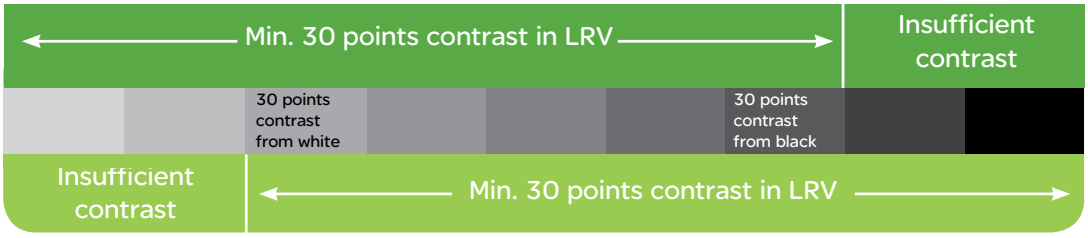


Essential supply 13A fused connection units

- Dimensions: 86 x 86mm
- Fix screws: M3.5 x 30mm
- BS 1363

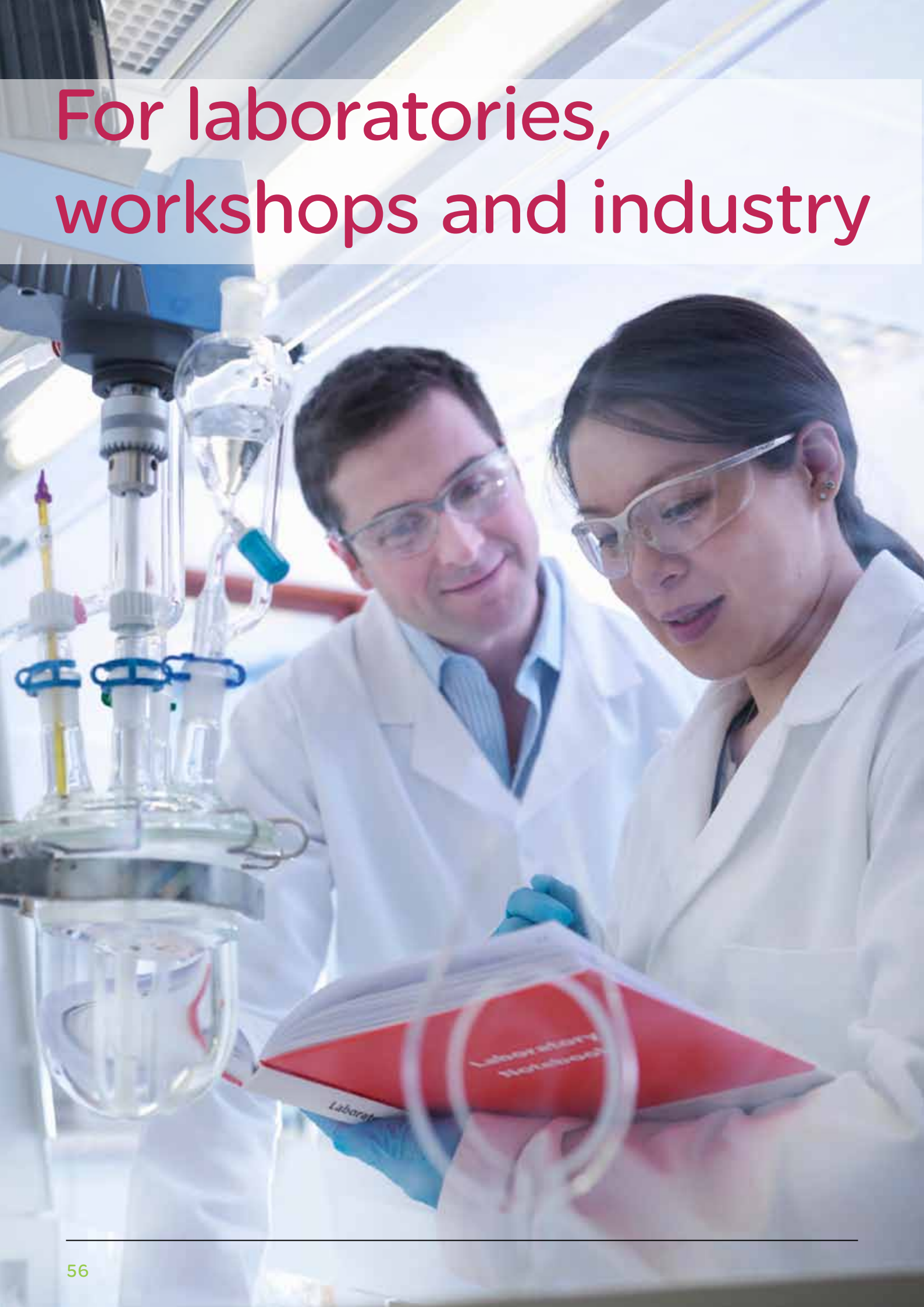
Part number	Description	Qty
GU5000RD	Unswitched	10

Part M contrast guide



To ensure Part M visibility requirements, a difference of 30 points in Light Reflectance Value (LRV) is required between the accessory and its surrounding.

For laboratories, workshops and industry



Bench trunking

Bench mounted power distribution units for laboratories, workshops and industrial manufacturing. The bench trunking range from Schneider Electric offers a robust solution for challenging environments.

Features & benefits:

End user

- Attractive, easy to clean, satin aluminium body trunking with either aluminium or uPVC lids give strength with versatility
- Part M DDA compliancy available including DDA plates or compliant wiring accessories
- Accepts a full range of Schneider Electric wiring devices

Installer

- Optional clip-in trunking dividers for complete circuit segregation
- Durable hammer grey finish bench units can be supplied uncoated, enabling painting on site
- All units are available pre-wired to reduce installation time

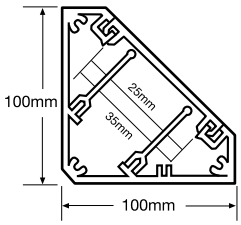
Trunking

Fittings

Units

Bench Trunking





Attractive, easy to clean, satin aluminium body with either aluminium or uPVC lids give strength with versatility. One and two gang socket mounting boxes which can be easily relocated to meet changes in the requirement for electrical services. Optional clip-in dividers for complete circuit segregation are available.

Technical data

- Material: aluminium
- Colour: satin anodised aluminium finish
- 2m lengths
- This unit is available pre-wired
- Single lid
- Part M DDA compliancy available
- Available with uPVC or aluminium lid
- Accepts all standard BS wiring accessories
- BS4678 Pt.4

Trunking assemblies

Ref	Size	Packed
CV101W	100 x 100mm	2 x 2m
Satin anodised aluminium base, White uPVC lid.		
AV101A	100 x 100mm	2 x 2m
Satin anodised aluminium base and lid.		



Divider - uPVC

Ref	Size	Packed
ATD60W	60mm	10 x 2m



External angle - fabricated

Ref	Type	Packed
CVE101W	CV Bench	1
AVE101A	AV Bench	1



Internal angle/flat riser - fabricated

Ref	Type	Packed
CVI101W	CV Bench	1
AVI101A	AV Bench	1



Stop ends - moulded (white PVC)

Ref	Type	Packed
CVS101W	CV/AV Bench	2
Packed with 2 fixing screws.		



Joint cover - moulded (white PVC)

Ref	Type	Packed
CVJ101W	CV/AV Bench	2



Earth leads

Ref	Type	Packed
ASEL2	Body to lid	10
ASEL4	Body to body	10

Bench Trunking fittings



MCB/RCD housing Complete with DIN mounting rail.

Ref	Trunking Type	Packed
ATH100W	Housing unit only AV101, CV101	1



Socket mounting boxes White

Ref	Type	Packed
ATB2514W	1 gang 4 pillar 25mm deep	10



Socket mounting boxes White

Ref	Type	Packed
ATB3514W	1 gang 4 pillar 35mm deep	10
ATB352W	2 gang 35mm deep	10



Socket mounting plate With BS fixing centres

Ref	Type	Packed
ATMP1W	1 gang	15
ATMP2W	2 gang	10



Mounting frames

Ref	Type	Packed
ATMF451W	1 gang	15
ATMF452W	2 gang	10

For 45 x 45mm accessories.



DDA plate

Ref	Description	Colour	Colour Ref	Packed
DDA1BL	1 gang	Traffic Blue	RAL5017	10
DDA2BL	2 gang	Traffic Blue	RAL5017	10
DDA1CH	1 gang	Charcoal Grey	BS10A11	10
DDA2CH	2 gang	Charcoal Grey	BS10A11	10

DDA compliant lid

Ref	Colour	Packed
CLL3G	Grey uPVC	2x3m

Bench Trunking fittings



Bench Trunking units

Ref	Type	Packed
CVBU1W	1 gang 100 x 100 x 140mm	1
CVBU2W	2 gang 100 x 100 x 200mm	1
CVBU3W	1 and 2 gang 100 x 100 x 304mm	1

Colour/Finish: Satin anodised aluminium. Lids/end caps = white.
Attractive satin anodised profile/finish.
Accepts all standard BS wiring accessories.



Bench single sided units

Ref	Description	Colour	Packed
BUS11G	Accepts 1 x single accessory	G	1
BUS11		U	1
BUS12G	Accepts 1 x twin accessory	G	1
BUS12		U	1
BUS21G	Accepts 2 x single accessory	G	1



Bench double sided units

Ref	Description	Colour	Packed
BUD11G	Accepts 1 x single accessory per side	G	1
BUD11		U	1
BUD12G	Accepts 1 x twin accessory per side	G	1
BUD12		U	1

Colour/Finish: G = Hammer grey or U = uncoated. Other colour options available on special request.
Material: Fabricated steel and cast aluminium.

Prewired Bench Units

Other bespoke versions available on request



Pre-wired with neon indicator

Ref	Description	No. of sockets	Packed
B1002S	249 x 102 x 108mm	2	1
B1004S	434 x 102 x 108mm	4	1
B1006S	619 x 102 x 108mm	6	1
B1008S	804 x 102 x 108mm	8	1

Pre-wired with illuminated main switch

Ref	Description	No. of sockets	Packed
B2002S	249 x 102 x 108mm	2	1
B2004S	434 x 102 x 108mm	4	1
B2006S	619 x 102 x 108mm	6	1
B2008S	804 x 102 x 108mm	8	1

Pre-wired with 25A 30mA RCD protection

Ref	Description	No. of sockets	Packed
B3002S	377 x 102 x 108mm	2	1
B3004S	562 x 102 x 108mm	4	1
B3006S	747 x 102 x 108mm	6	1
B3008S	932 x 102 x 108mm	8	1

Modern solutions for contemporary environments



Power poles and posts

Power poles and posts are a highly cost effective solution for providing electrical and communication services to open plan offices, showrooms and exhibition spaces.

Designed to allow a flexible approach to power and data supply, which enables installers to add or remove outlets with minimal disruption.

Features & benefits:

End user

> Easily relocated to facilitate changes in demand or relocations
> Dual sided allowing high power or data outlet capacity
> Stylish profiles and materials allowing installation requirements to be matched

Installer

> Clip in accessory mounting boxes can be installed at any height and can be retro fitted
> Easy fit ceiling collars and floor boots
> Provided as completed kit containing everything required for construction of a full unit
> Pre wired and bespoke variants are available to reduce onsite wiring

Power pole

Power post

Bespoke PDU's

Power poles and Posts



PP38W



PP18W

Technical data

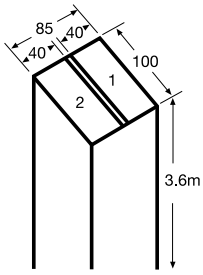
- Material: aluminium
- Colour: anodised aluminium/white. RAL colour options available
- These units are available pre-wired. Please contact our sales office for further details
- Wiring accessories available, (see pages 45-55)
- Two part compartment which can be subdivided
- Up to 11 boxes per side can be mounted at any height
- Easily moved to meet changes in demand
- Choice of designs to match installation requirements
- Also available with aluminium lid on request
- Double sided

Features

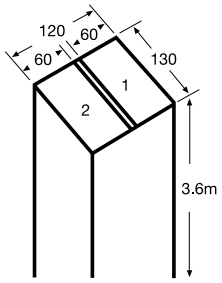
Easily relocated to facilitate changes in demand/relocations. Dual sided stylish profiles and materials, allowing installation requirements to be matched. Clip in accessory mounting boxes can be installed at any height.

Pre-wired and Bespoke Variant Features

For power and data. Minimal on site wiring and elimination of wastage, saving time and money. Products meet precise needs of application so requirements are not compromised. Assured safety and peace of mind through comprehensive testing prior to despatch. Factory assembled units offer repeatable quality.



PP18W/PP28W



PP38W

Powerpole assemblies 3.6m

Ref	Size		Packed
PP28W	100 x 85mm	All Aluminium body	1
PP18W	100 x 85mm	uPVC / Aluminium body	1
PP38W	120 x 130mm	All Aluminium body	1

Note: Power pole lids are uPVC.

Each pack contains:

1 x 3.6m power pole body
2 x 3.6m lid
4 x 1.5m divider
6 boxes and installation kit
1 x ceiling collar
1 x floor boot



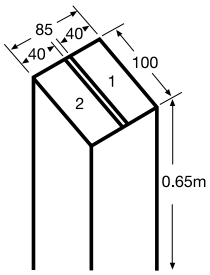
Power poles and Posts



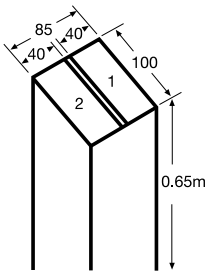
PS2865W



PS1865W



PS2865W



PS1865W

Powerpost assemblies

Ref	Size		Packed
PS2865W	100 x 85mm	All Aluminium body	1
PS1865W	100 x 85mm	uPVC / Aluminium body	1

Note: Power post lids are uPVC.

Each pack contains:
1 x 650mm power post body
2 x 650mm lid
2 x 500mm divider
6 boxes and installation kit
1 optional floor plinth for side entry.
Up to 5 boxes per side

Powerpole and post fittings

Ref	Size & Body type	Packed
PPH18W	MCB/RCD Housing Unit only.	1
PPHC18W	MCB/RCD Housing Unit with cover.	1
PPE1	Extension piece 1m long for PP28 & PP38	1
Note: If required, the following spare components are readily available.		
CTD40W	Clip-in divider 16 x 1.5m	24

Socket mounting box

Ref	Type		Packed
CLB314W	1 gang PP18/PS1865	(25mm deep)	10

Socket mounting box

Ref	Type		Packed
PPBA 11W	1 gang PP28/PS2865/PP38W	(25mm deep)	10
PPBA 21W	1 gang PP38 only	(35mm deep)	10



DDA plate

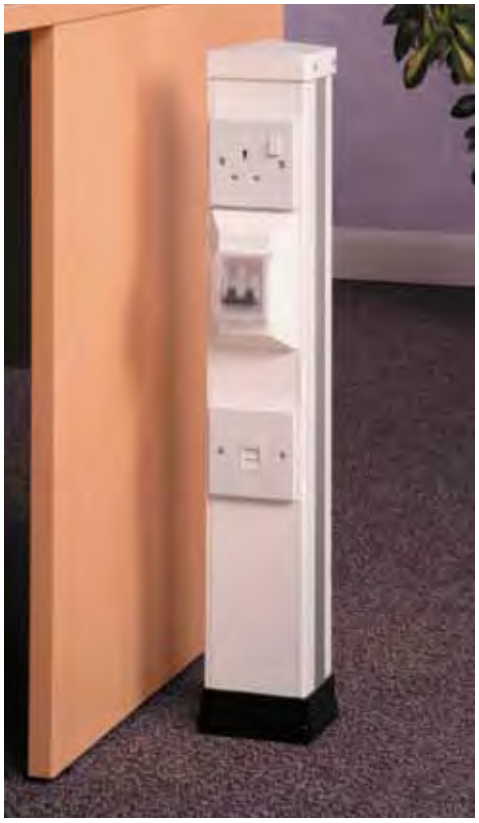
Ref	Description	Colour	Colour Ref	Packed
DDA1BL	1 gang	Traffic Blue	RAL5017	10
DDA1CH	1 gang	Charcoal Grey	BS10A11	10



DDA compliant lid

Ref	Colour	Packed
CLL3G	Grey	2x3m

Power poles and Posts Pre-Wired



Features

- Lower costs
- Reduced installation time
- Quality and appearance

Concept and Design
Schneider Electrics expert sales team will advise on a solution for any project. Our team of in-house design engineers will create a product specification that meets your requirement.

Pre-wiring can accommodate power and data cabling and solutions can be designed in a wide range of materials (uPVC, aluminium and steel) and colours.

From poles to floorboxes, from desk modules to perimeter units, the choice and configurations are endless.

Manufacture
Factory assembled modules are manufactured, this offers the advantage of repeatable quality, something that is difficult to achieve on site. All assemblies are comprehensively tested prior to despatch to ensure safety, giving you total peace of mind.

Installation
Installer simply fixes pre-wired unit into place and makes the necessary connections.

Powerful solutions



Desk solutions

We offer a range of desk cable management solutions including under desk, through desk, and on desk power and communication systems. Power distribution units are designed specifically for office furniture and screens.

Features & benefits:

End user

> Wide choice of socket density and style
> Overload protection offered through MCB, and integral RCD protection
> Choice of power lead length

Installer

> Wieland style connector allows for interconnection of modules
> Standard or custom made options available
> Busbar taps offs available for direct installation to floor systems

Distribution units

Desk top systems

WDP distribution units and bespoke PDUs







WDP distribution units

Compact and tough 70mm wide aluminium section incorporating a wide variety of power and data accessories. Particularly suitable for desk and workstation applications.

- White accessories with satin anodised aluminium body
- Can be discretely situated on desk modesty panel
- Data solution also available
- Supplied with 2m cable

With neon indicator

Ref	Size	No. of sockets	Packed
WDP1004	336 x 70 x 35mm	4	1
WDP1006	442 x 70 x 35mm	6	1
WDP1008	548 x 70 x 35mm	8	1
WDP1010	654 x 70 x 35mm	10	1
WDP1012	760 x 70 x 35mm	12	1

With illuminated mains switch

Ref	Size	No. of sockets	Packed
WDP2004	336 x 70 x 35mm	4	1
WDP2006	442 x 70 x 35mm	6	1
WDP2008	548 x 70 x 35mm	8	1
WDP2010	654 x 70 x 35mm	10	1
WDP2012	760 x 70 x 35mm	12	1

With 25A, 30mA RCD and neon indicator

Ref	Size	No. of sockets	Packed
WDP3004	442 x 70 x 35mm	4	1
WDP3006	548 x 70 x 35mm	6	1
WDP3008	654 x 70 x 35mm	8	1
WDP3010	760 x 70 x 35mm	10	1
WDP3012	866 x 70 x 35mm	12	1

Bespoke PDU's

The need for improved quality and reduced costs of wiring installations puts demands on all concerned in the process from Specifier to Contractor.

Schneider Electric offer the expertise and facilities to handle these demands effectively and economically. From a standard power distribution unit to a tailor made pre-wire power voice and data trunking system, we can provide powerful solutions.

Options include:

- Greater number of sockets
- Unswitched single socket outlets
- Sockets with non-standard earth pins
- RCBO protection
- Overload protection through MCB
- RCD safety plug to BS7071
- Sockets with integral RCD protection
- Longer/shorter power lead
- Schuko, USA etc sockets and power leads
- Busbar tap-offs
- Data connector mounting plates for all leading manufacturers
- For pre-wired bench units please see page 60

Desk Cable Management



PM4V

A range of power distribution units designed and manufactured specially for office furniture and office screens.

Technical data

- Allows compliance to BS 6396*
- Standard or custom made options
- Individual integral 3.15A surge fuses fitted as standard
- Wieland style connector system to enable interconnection of modules
- Double insulation for use on unearthed furniture
- External earth leads for use on earthed furniture
- Surface or flush-mounting facility

For office furniture electrical safety please see page 130

* BS 6396 – Electrical Systems in office furniture and office screens.
This standard covers the design, installation and testing of both office furniture and power distribution equipment which serves it. The use of the Mita range's Desk Power Modules may allow compliance with BS6396 but installers should satisfy themselves that all other conditions are met.

BS6396* PM Series Desk Power Modules



PM4MS4X6C

Power distribution units

Ref	Description	Packed
PM2SH	2 way switched - H	1
PM3V	3 way - V	1
PM3VMS	3 way with mains switch - V	1
PM4V	4 way 2V, 2H	1
PM4VMS	4 way with mains switch - V	1
PM4MS4X6C	4 way with mains switch and 4x6C data cutouts, complete with blank modules	1
PM6VMS	6 way with mains switch - V	1

Note: Other configurations available on request.
Image shows data outlets, these will be supplied as blanks.



Power leads

Ref	Description	Packed
PMPL2	2m power lead	1
PMPL3	3m power lead	1
PMPL4	4m power lead	1
PMPL5	5m power lead	1
PMPL6	6m power lead	1
PMPL7	7m power lead	1
PMCLO5	0.5m connector lead	1
PMCL1	1m connector lead	1
PMCL15	1.5m connector lead	1
PMCL2	2m connector lead	1

Note: Other lengths available on request.



Accessories

Ref	Description	Packed
PMCM	Self fit connector - male	1
PMCF	Self fit connector - female	1
PMCB	Connector block	1
PMBP	Spare blanking plug	1
PMMSBX	Mains splitter	1

Spares

Ref	Description	Packed
SFU3	Spare 3.15A surge fuse	10
SFU5	Spare 5A surge fuse	10



TDW desk top modules

A range of service modules specifically designed for desk top use. With their unique angled face and beautiful contoured back, these modules add to the appearance of the desk top environment.

■ Grey fascia surround and an anodised aluminium body

Ref	A	B	C	Diameter	Packed
TDW200A	2	0	0	113 x 80 x 80mm	1
TDW202A	2	0	2	238 x 80 x 80mm	1
TDW211A	2	1	1	238 x 80 x 80mm	1
TDW300A	3	0	0	200 x 80 x 80mm	1
TDW400A	4	0	0	275 x 80 x 80mm	1
TDW402A	4	0	2	363 x 80 x 80mm	1
TDW411A	4	1	1	363 x 80 x 80mm	1

A No. of UK 13A Sockets
B No. of LJ6C UK telephone
C No. of Cat 5e RJ45 data

* Now supplied with 1m lead to Wieland connector. Order PMPL lead to required length from page 71. Fixing clamps or kits should be ordered separately. Black units available on request.

TDW desk fixing clamp

Ref	Packed
CCTDW	1

2 x CCTDW are recommended for any modules with more than 2 sockets.

Adhesive desk fixing kit

Ref	Packed
SAP	1



TDT pull up tower

* Now supplied with 1m lead to Wieland connector. Order PMPL lead to required length. This unique module can be pulled up from the desk surface to allow quick and safe access to power, data and voice connections. The tower can then be pushed back in to the desktop when not in use. 80mm diameter cut-out.

Ref	A	B	C	Diameter	Packed
TDT200	2	0	0	Power Sockets	1
TDT202	2	0	2	Power Sockets	1
TDT211	2	1	1	Power Sockets	1

A No. of UK 13A sockets
B No. of LJ6C UK telephone
C No. of Cat 5e RJ45 data



DC desk cable outlet

A neat and effective method of allowing cables to pass through the desk top. This outlet simply pushes into an 80mm hole, with the three way centre section providing a method of segregation for power data and telecommunications cables. Can be supplied in any colour by special request.

Ref	Description	Dia. nominal	Packed
DCO1B	Black desk outlet	80mm	1
DCO1BR	Brown desk outlet	80mm	1
DCO1G	Grey desk outlet	80mm	1



ADM module BS 5733

This module offers the convenience of power and data at the desktop when you need it and an uncluttered work surface when you don't. It is a concealed unit that can function in the open or closed position.

System Features

■ Grey fascia surround and an anodised aluminium body
■ All UK power socket versions feature individual fuses, choice of fuse ratings available to comply with BS 6396 if required
■ Power, voice and data cables all exit from the under side of the unit
■ Standard cable length 1m lead to Wieland connector

Ref	Sockets	Packed
ADM02	2 Power	1
ADM03	3 Power	1
ADM22	2 Data 2 Power	1
ADM04	4 Power	1

Now supplied with 1m lead to Wieland connector. Order PMPL lead to required length.
See page 71

Designed for the modern office



Flooring systems

Schneider Electric's range of cable management flooring systems consists of floor outlet boxes, slab boxes, floor grommets, power track, underscreed trunking and flushscreed trunking.

Features & benefits:

End user

> 'Hidden' power and data supply solutions in raised floors/ceiling installations
> Flexible options on placement of power/data outlets
> Optional lockable lids on floorboxes

Installer

> Robust and durable solutions
> Wide range of dimensions in all floor system components
> Quick fix floor boxes
> Provision for RCD/MCB/RCBO protection in floorboxes

Floor boxes

Intercell floor accessories

Floor trunking

Underfloor power track

Flush screed trunking

Underscreed trunking

3 and 4 compartment floor boxes



Supplying power and data via raised floor solution offers many advantages for the modern office. Mita floor boxes give you access to power and data wherever it is required. Both the end-user and the installer can benefit from the accessibility.

Pre-wired boxes available
Reduce on-site installation time and avoid wiring errors. Fully assembled and factory tested.

Lockable lid
On request.



Flush lid infill
Flush lid infills of linoleum or brushed stainless steel are available as optional accessories.

Cable outlets and lid
The cable outlets are lined with foamed plastic, preventing dirt from penetrating into the box. The lid can be rotated through 180 degrees to re-position the cable outlet in the opposite direction and can be removed in one simple operation.

Snap locks
Snap-locks (plastic lid only) reduce the risk of cables pushing the lid open.



Strong cover
Lid reinforced with 3mm steel insert plate

Hinge
Lid will release when opened in excess of 90 degree angle to prevent damage to box.

Cable retainers (optional)
To hold cables in place and prevent them being pulled out or damaged between the lid and trim.

RCD/MCB/RCBO Protection
The 3-compartment 100 and 130 mm box comes complete with a plastic cover to house a RCD/MCB/ RCBO unit, if required.

DIN rail kit and RCD/MCB/RCBOs may be purchased separately. (3 compartment 70 mm box comes complete with a metal blanking plate).



Swivel fixing
Optional - black

Quick fix function
For quick and easy installation, self locking tabs push fit into place to secure the box.

Metal base box
Base box in three different heights,70, 100 and 130mm

Various knockouts
Various knockouts per compartment for flexible conduits.
70 mm box - Ø 20 mm
100 mm box - Ø 20/25 mm
130 mm box - Ø 20/25 mm
incl. one Ø 32 mm

Metal compartment dividers
Ensure good separation of power and data.

Easy to install and use

Flexible solution
Use underfloor power track and tap-off units from Schneider Electric.



Installations of raised access floor box with underfloor power track and tap-off units
A convenient and flexible solution for power distribution in premises where raised access floors have been installed.



Quick-fix function
For quick and easy installation, self-locking tabs push-fit into place to secure the box, effective in all floor types. No tools are required.



High capacity
Three or four plates, with metal compartment dividers for good separation of power and data.



RCD/MCB/RCBO
3-compartment 100 and 130 mm box comes complete with cover to house a RCD/MCB/RCBO unit, if required. DIN rail kit and RCD/MCB/RCBOs may be purchased separately.



Cable retainers (optional)
To hold cables in place and prevent them being pulled out or damaged between the lid and trim.



Self-closing
The lid is self-closing to minimize the risk of accidents. When opened in excess of 90 degrees, the lid will release.



Cable outlets
The lid has double cable outlets and can be turned through 180 degrees.

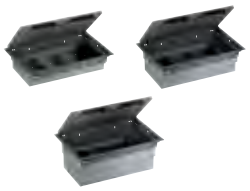


Carpet/infill recess
In the plastic trim box the maximum thickness of the insert material is 6 mm and in the stainless steel trim box it is 15mm.



Lockable lid (optional)
Available pre-fit, on request.

Floor outlet boxes



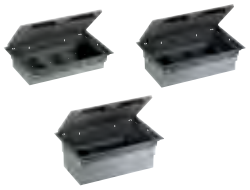
Empty floor outlet boxes

Complete, rectangular, three or four compartment floor outlet box for use with British Standard outlets. A wide range of mounting plates in both 75 and 87mm width are available. The floor box is provided with a quick-fix, metal base box. The lid, with integrated cable outlets, can be installed in two positions and can easily be removed during installation and use. The lid can be fitted with a floor material insert; the plastic floor box has a ready-to-use infill available as an accessory.

Three-compartment floor outlet boxes for 87mm mounting plates

The three-compartment plastic trimmed floor box has a maximum outlet capacity of 3x2 gang accessories. The 70mm deep box comes with a steel cover over the empty space next to the 3rd compartment, whereas the 100 and 130mm deep versions have a plastic cover. The space underneath the cover gives extra cable space/ enhanced bending radius, to the 3rd compartment. Alternatively, for 100 and 130mm deep versions, modular DIN-rail equipment, such as an RCD earth leakage breaker, can be used by fixing the optional DIN-rail kit in the bottom of the base box and removing the knock-outs in the plastic cover. Material: PA/ABS, sheet steel.

Ref	Type	Colour	Dimensions ABC (mm)	Packed
INS53070	70mm deep	Grey	70/222/348	1
INS53100	100mm deep	Grey	100/222/348	1
INS53130	130mm deep	Grey	130/222/348	1
As the above but in brushed stainless steel. Material: Stainless steel, sheet steel.				
INS53170	70mm deep	-	84/222/348	1
INS53200	100mm deep	-	114/222/348	1
INS53230	130mm deep	-	144/222/348	1



Four-compartment floor outlet boxes for 75mm mounting plates

The four-compartment plastic trimmed floor box has a maximum outlet capacity of 4x75mm wide plates (maximum of 3 twin switch sockets + 1 data plate). DIN-rail not compatible with four-compartment box. Material: PA/ABS, sheet steel.

INS54070	70mm deep	Grey	70/222/348	1
INS54100	100mm deep	Grey	100/222/348	1
INS54130	130mm deep	Grey	130/222/348	1
As the above but in brushed stainless steel. Material: Stainless steel, sheet steel.				
INS54170	70mm deep	-	84/222/348	1
INS54200	100mm deep	-	114/222/348	1
INS54230	130mm deep	-	144/222/348	1

Pre-wired floor boxes



Three-compartment floor outlet boxes

Ready to use, pre-wired plastic trimmed floor boxes, 100mm deep. Configuration options include one/two twin switched sockets, standard earth (SE) or clean earth (CE) and connection to a 3m 32A unfused or a 5m 13A fused tap-off for busbar connection (other variations available on request). RCD can be fitted as an option. Material: PA/ABS, sheet steel.

Ref	Type	Colour	Dimensions ABC (mm)	Packed
INS53101	**Type A** One twin BS 13A SSO (SE), 3m/32A unfused tap-off	Grey	100/222/348	1
INS53101RCD	with 30mA RCD fitted			
INS53102	**Type B** Two twin BS 13A SSO (SE), 3m/32A unfused tap-off	Grey	100/222/348	1
INS53102RCD	with 30mA RCD fitted			
INS53103	**Type C** One twin BS 13A SSO (SE), 5m/13A fused tap-off	Grey	100/222/348	1
INS53103RCD	with 30mA RCD fitted			
INS53104	**Type D** Two twin BS 13A SSO (SE), 5m/13A fused tap-off	Grey	100/222/348	1
INS53104RCD	with 30mA RCD fitted			
INS53105	**Type E** One twin BS 13A SSO (CE), 3m/32A unfused (CE) tap-off	Grey	100/222/348	1
INS53105RCD	with 30mA RCD fitted			
INS53106	**Type F** Two twin BS 13A SSO (CE), 3m/32A unfused (CE) tap-off	Grey	100/222/348	1
INS53106RCD	with 30mA RCD fitted			

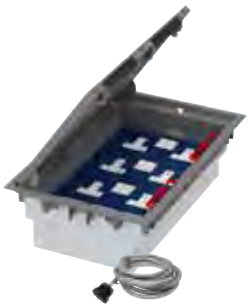
Pre-wired floor boxes

Three-compartment floor outlet boxes cont...

Ref	Type	Colour	Dimensions ABC (mm)	Packed
INS53107	**Type G** One twin BS 13A SSO (CE), 5m/13A fused (CE) tap-off	Grey	100/222/348	1
INS53107RCD	with 30mA RCD fitted			
INS53108	**Type H** Two twin BS 13A SSO (CE), 5m/13A fused (CE) tap-off	Grey	100/222/348	1
INS53108RCD	with 30mA RCD fitted			

Four-compartment floor outlet boxes

Ready-to-use, pre-wired floor boxes, 100mm deep. Configuration options include two/three twin switched sockets, standard earth (SE) or clean earth (CE), and connection to a 3m 32A unfused or a 5 m 13A fused tap-off for powertrack connection (other variations available on request). Material: PA/ABS, sheet steel.

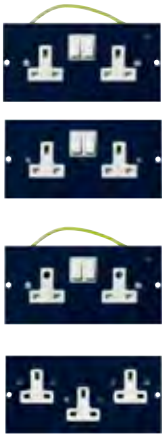


INS54101	**Type I** Two twin BS 13A SSO (SE), 3m/32A unfused tap-off	Grey	100/222/348	1
INS54102	**Type J** Three twin BS 13A SSO (SE), 3m/32A unfused tap-off	Grey	100/222/348	1
INS54103	**Type K** Two twin BS 13A SSO (SE), 5m/13A fused tap-off	Grey	100/222/348	1
INS54104	**Type L** Three twin BS 13A SSO (SE), 5m/13A fused tap-off	Grey	100/222/348	1
INS54105	**Type M** Two twin BS 13A SSO (CE), 3m/32A unfused (CE) tap-off	Grey	100/222/348	1
INS54106	**Type N** Three twin BS 13A SSO (CE), 3m/32A unfused (CE) tap-off	Grey	100/222/348	1
INS54107	**Type O** Two twin BS 13A SSO (CE), 5m/13A fused (CE) tap-off	Grey	100/222/348	1
INS54108	**Type P** Three twin BS 13A SSO (CE), 5m/13A fused (CE) tap-off	Grey	100/222/348	1

Mounting plates for 3-compartment floor boxes

87mm wide plates with outlets

173 x 87mm plates with British Standard power sockets for use with a 3-compartment floor box. Material: sheet steel.



INS55300	**Q301CE** With twin BS1363 13A switched socket (dual earth and clean earth)	Blue	32/87/173	1
INS55301	**Q301** With twin BS1363 13A switched socket (dual earth)	Blue	32/87/173	1
INS55313	**Q313** With twin BS5733 13A (non-standard and clean earth) socket	Blue	32/87/173	1
INS55312	**Q312** With three single BS1363 13A sockets	Blue	32/87/173	1

Floor box accessories



Mounting plates for 3-compartment floor boxes

87mm wide mounting plates

Ref	Type	Colour	Dimensions BCA (mm)	Packed
INS55314	**Q314** Plate to accept moulded twin gang accessory	Blue	87/173/7	1
INS55321	**Q321** Plate to accept two moulded single gang accessories, 86x86mm	Blue	87/173/2	1
INS55322	**Q322** Plate to accept up to six LJ6C/RJ45 data/comm accessories, 37x22mm knock outs	Blue	87/173/2	1
INS55325	**Q325** Plate to accept up to eight LJ6C/RJ45 data/comm accessories, 37x22mm knock outs	Blue	87/173/1	1
INS55328	**Q328** Plate (angled down) to accept four LJ6C/RJ45 data/comm accessories	Blue	87/173/23	1
INS55323	**Q323** Plate with two Euro 50x50 mm frames to accept data/comm accessories	Blue	87/173/19	1
INS55326	**Q326** Blank plate	Blue	87/173/1	1



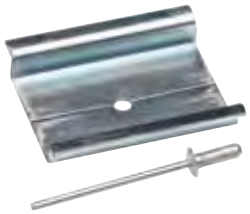
Mounting plates for 4-compartment floor boxes

75mm wide plates with outlets

173 x 75 mm plates with British Standard power sockets, for use with a 4-compartment floor box.
Plate material: sheet steel.

INS55470	**Q471CE** With twin BS1363 13A switched socket (dual earth and clean earth)	Blue	75/173/32	1
INS55471	**Q471** With twin BS1363 13A switched socket (dual earth)	Blue	75/173/32	1
INS55473	**Q473** With twin BS5733 13A (non-standard and clean earth) socket	Blue	75/173/28	1
INS55475	**Q475** With three single BS1363 13A sockets	Blue	75/173/28	1
INS55472	**Q472** Plate to accept up to six LJ6C/RJ45 data/comm accessories, 37x22mm knock outs	Blue	32/87/173	1
INS55478	**Q478** Plate (angled down) to accept four LJ6C/RJ45 data/comm accessories	Blue	32/87/173	1
INS55474	**Q474** Plate with two Euro 50 x 50 mm frames to accept data/comm accessories	Blue	32/87/173	1
INS55476	**Q476** Blank plate	Blue	32/87/173	1

Floor box accessories



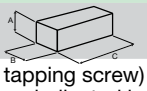






Accessories

DIN rail RCD/MCB/RCBO kit

Ref	Type	Colour		Dimensions ABC (mm)	Packed
	DIN rail kit including rail and pop rivet (plus self tapping screw) for the mounting of RCBs and other DIN devices. The rail is to be fixed on a dedicated location in the base box of 100 mm and 130mm. 3-compartment floor boxes. Material: sheet steel.				
INS55100	DIN rail	-		39/8/35	1
Lid infill, linoleum					
	Linoleum lid infill to be used in the lid of Mita plastic floor outlet boxes. Provided with self-adhesive tape underneath. Material: linoleum.				
ISM50819	Lid infill, linoleum	Grey		6/317/163	1
Lid infill, stainless steel					
	Stainless steel lid infill to be used in the lid of Schneider plastic floor outlet boxes. Provided with self-adhesive tape layer underneath and with protective film on the surface. Material: stainless steel, rubber.				
ISM50820	Lid infill, stainless steel	-		6/317/163	1
Swivel fixings					
	Swivel fixings to be mounted on each side of the floor boxes. Intended for use as additional fixing method in raised floors with a panel thickness between 23mm and 53mm. Material: PA6, steel.				
ISM50823	Swivel fixing	Blue		58/12/25	2
Cable retainers					
	Plastic cable retainers to safely route cables through outlets to avoid damage between lid and trim. Material: PA6.				
INS55010	Cable retainer	Red		28/30/68	2
Circuit breakers					
	Schneider Electric Square D circuit breakers are available				



Slab box

For 3 and 4 compartment slab box accessories, please use 87mm (3 comp) plates shown on pages 79-80

Ref	Description	Packed
FSBX3	3 compartment	1
FSBX4	4 compartment	1

Intercell floorbox and accessories



Intercell floor boxes

Intercell is a low profile cable management flooring system offering strong, space saving cellular flooring systems, designed to manage cable distribution in existing and new structures. The Intercell floor system is compatible with Schneider 3 and 4 compartment integral floor boxes. This enables the floor panel which is complete with integral box, to simply drop into place. A wide range of plates complements the system for power, voice and data requirements. The Mita range also has underfloor power track which fits between the Intercell flooring system. Pre-wired options also available on request

3-compartment floor panel

Ref	Description	Packed
FBI3	Floor panel and integral three compartment outlet box	1



3-compartment plates

Ref	Description	Position	Packed
FBIP706	Twin switched socket		1
FBIP706CE	Twin switched socket - clean earth		1
FBIP707	2 x single unswitched sockets		1
FBIP707CE	2 x single unswitched sockets - clean earth		1
FBIP708	4 x flat data RJ45/6C		1
FBIP709	4 x 30° angled data RJ45/6C		1
FBIP710	2 x 45° angled data RJ45/6C		1
FBIP711	Blank		1
FBIP712	Blank		1
FBIP713	6 x flat data RJ45/6C		1
FBIP714	4 x 30° angled data RJ45/6C		1
FBIP715	3 x angled data RJ45/6C 2 @ 45° and 1 @ 75°		1
FBIP720	4 x data alpha snap		1
FBIP721	4 x data CAT6 kit incl. modified cable outlets		1
Data cutouts - 37 x 22mm			

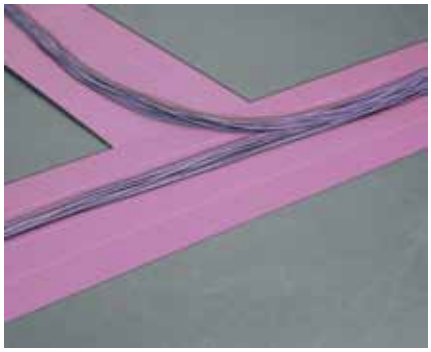
4-compartment floor panel

Ref	Description	Packed
FBI4	Floor panel and integral four compartment outlet box	1



4-compartment plates

Ref	Description	Position	Packed
FBIP717	Twin switched socket		1
FBIP717CE	Twin switched socket - clean earth		1
FBIP718	3 x flat data RJ45/6C		1
FBIP719	2 x angled data RJ45/6C 1 @ 45° and 1 @ 75°		1



DAT-MAT

DAT-MAT is a low smoke, water resistant polymer mat, designed for laying cables under raised floors. By raising data cables off of the floor, Dat-Mat protects against low water flooding, attack from chemicals in the floorscreed, and sharp edges in the floor finish.

- Lightweight
- Easy to cut on site
- No earthing required - therefore saving time on installation and low maintenance
- Protects against low flooding
- Standard thickness 5mm
- Lengths 2m

Ref	Description	Packed
DM3005P	300mm wide mat	2m
DM5505P	550mm wide mat	2m

Underfloor Power track

















Underfloor Power track

Underfloor Power track provides a convenient and flexible solution for power distribution in premises where raised access floors have been installed.
Based on a series of single phase 63 amp rated fully enclosed busbar units, the system incorporates many design features, making installation quick and easy.
The system compliments the range of floor outlet grommets and boxes.
Floor outlet boxes are available pre-wired and tested prior to delivery to site.

Features

- Simple and quick to install with colour coding and key systems for instant identification of polarity
- Flexibility, convenience and safety of shuttered outlets at 300mm intervals
- Retained dust covers provide protection for outlets when not in service
- Choice of 32 amp unfused and 13 amp fused tap off units incorporating LSF cables as standard. 16 amp fused tap offs also available
- Conforms to BS7671:2001 (section 607)
- Track interconnector complete with fixing bracket

Power track

Ref	Description	Packed
PT12S	Standard 1200mm	1
PT18S	Standard 1800mm	1
PT24S	Standard 2400mm	1
PT36S	Standard 3600mm	1
PT12C	Clean earth 1200mm	1
PT18C	Clean earth 1800mm	1
PT24C	Clean earth 2400mm	1
PT36C	Clean earth 3600mm	1

Feed unit with integral fixings

Ref	Description	Packed
PTF1S	Standard type 1	1
PTF2S	Standard type 2	1
PTF1C	Clean earth type 1	1
PTF2C	Clean earth type 2	1

Type 2 is opposite hand.

Track interconnector complete with fixing bracket

Ref	Description	Packed
PTIS	Standard	1
PTIC	Clean earth	1

Tracking fixing bracket

Ref	Packed
PTFB	1

Track end stop complete with fixing bracket

Ref	Packed
PTS3	1

Underfloor Power track and grommets



















Track flexible corner unit 1 metre length

Ref	Description	Packed
PTFCS	Standard	1
PTFCC	Clean earth	1

Other lengths available on request.

Tap off units

Ref	Description	Packed
PTT32S	Standard 32A unfused 3 metre	1
PTT32S5M	Standard 32A unfused 5 metre	1
PTT13S	Standard 13A fused 5 metre	1
PTT16S	Standard 16A fused 5 metre	1
PTT32C	Clean earth 32A unfused 3 metre	1
PTT32C5M	Clean earth 32A unfused 5 metre	1
PTT13C	Clean earth 13A fused 5 metre	1
PTT16C	Clean earth 16A fused 5 metre	1

Other variations available on request.

Grommets

Ref	Description	Packed
Access		
FGSP100G	96mm dia, Grey	1
FGSP125G	127mm dia, Grey	1
FGSP169G	169mm dia, Grey	1
FGSP209G	209mm dia, Grey	1
Metal floor grommet including cam fixings, two part cover and sealing foam for protection from dust and wet floor cleaning. The cover has the function of a watertight blank plate when not in use.		
INS40550	127mm dia, zinc, chromium plated	1

Power/Cleaners' grommets (supplied with 13A single socket outlet)

Ref	Description	Packed
FGPP125G	127mm dia, Grey	1
FGPP12564G	64mm deep - 127mm dia, Grey (suitable for 60mm Intercell floors)	1
FGPP125GRCD	127mm dia, Grey c/w 30mA RCD	1
FGPD125G	127mm dia, Grey c/w 2 x RJ45/LJ6C cutouts	1

Other variations available on request.

Spiral cable spines

Ref	Description	Packed
SCS1300S	Silver RAL9006	1
SCS1300T	Translucent	1

Flush screed trunking















Flush screed trunking

Body: 1.6mm thick galvanised steel
Lid: 3.0mm thick galvanised steel

Features

- Long lengths requiring fewer couplings
- Easier to install
- Fewer components required - universal junction boxes
- Flexibility of installation - floor boxes can be repositioned to suit changing requirements
- Lids alternate in 200mm and 400mm lengths

Ref	Size (lxwxd)	Depth each	Packed
FST2065	2000 x 325 x 65mm	65mm	2m
FST2060	2000 x 325 x 60mm	60mm	2m

Universal connector

Trunking connector (1 pack required per length)

Ref	Packed
FSTCTT	1

Replacement fillets are available when an outlet unit is to be decommissioned.

Universal junction units

Ref	Size (lxwxd)	Depth each	Packed
FSTJ65	475 x 475 x 65mm	65mm	1
FSTJ60	475 x 475 x 60mm	60mm	1

Note: Trunking connectors need to be purchased separately.

Rising bends

Ref	For depth	Packed
Gussetted		
FSTRB65	65mm	1
FSTRB60	60mm	1
Un-gussetted		
FSTRBU65	65mm	1
FSTRBU60	60mm	1

Stop end

Ref	For depth	Packed
FSTSE65	65mm	1
FSTSE60	60mm	1

Outlet boxes

Flush screed trunking

Please use 87mm (3-compartment) plates shown on page 89
Outlet unit, hinged lid, grey carpet trim/grid, brackets

Ref	Size/description	Article No.	Packed
FTO65	To suit 65mm deep trunking	5150 857	1
FTO60	To suit 60mm deep trunking	5150 858	1

Underscreed trunking



Technical data

- Lengths 2m
- Depths 25 or 38mm
- Galvanised Steel
- Boxes feature in-built height adjustment and levelling facility
- Boxes available for conduit application
- Wide range of accessory plates

3 compartment underscreed trunking

Length: 2m
Width: 225mm

Ref	Description	Packed
UT2225	Steel trunking, depth 25mm	1 x 2m
UT2238	Steel trunking, depth 38mm	1 x 2m

*Connector needs to be purchased separately (1 connector required per length).

90° junction box

Ref	Description	Packed
For 25mm trunking		
UTJB2567	For depth adjustment 60-75mm	1
UTJB2579	For depth adjustment 75-90mm	1
For 38mm trunking		
UTJB3867	For depth adjustment 60-75mm	1
UTJB3879	For depth adjustment 75-90mm	1

Through/end junction box

1 blank side adaptor included.

Ref	Description	Packed
For 25mm trunking		
UTTE2567	For depth adjustment 60-75mm	1
UTTE2579	For depth adjustment 75-90mm	1
For 38mm trunking		
UTTE3867	For depth adjustment 60-75mm	1
UTTE3879	For depth adjustment 75-90mm	1

Four way/tee junction box

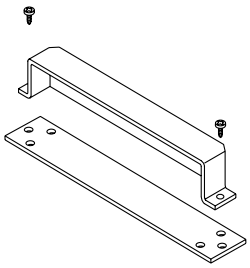
1 blank side adaptor included.

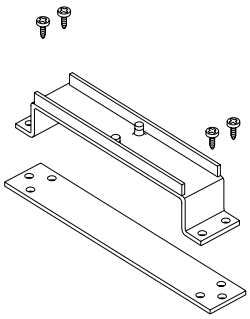
Ref	Description	Packed
For 25mm trunking		
UTJC2567	For depth adjustment 60-75mm	1
UTJC2579	For depth adjustment 75-90mm	1
For 38mm trunking		
UTJC3867	For depth adjustment 60-75mm	1
UTJC3879	For depth adjustment 75-90mm	1

Standard rising bend

Ref	Description	Packed
UTRB25	For 25mm trunking	1
UTRB38	For 38mm trunking	1

Underscreed trunking





Stop end and connector

Ref	Description	Packed
Stop end		
UTS25	For 25mm trunking	1
UTS38	For 38mm trunking	1
Connector		
UTC25	For 25mm trunking	1
UTC38	For 38mm trunking	1



UTO outlet boxes for trunking

Please use 87mm plates shown on page 89.
Comprising outlet box, through type, hinged lid, grey carpet trim and base.

Ref	Description	Packed
3-compartment box for 225 x 25mm trunking		
UTO2560	For depth adjustment 60-75mm	1
UTO2575	For depth adjustment 75-90mm	1
3-compartment box for 225 x 38mm trunking		
UTO3860	For depth adjustment 60-75mm	1
UTO3875	For depth adjustment 75-90mm	1



Blank adaptor

Ref	Description	Packed
UTOB25	For 25mm deep trunking	1
UTOB38	For 38mm deep trunking	1





For screeded floors

Comprising outlet box, hinged lid, grey carpet trim and steel base.

Conduit Fed Screeded Unit

Ref	Size/description	Packed
3-compartment, use 87mm plates		
UTB0360	(Conduit entry, screed depth 60-75mm)	1
UTB0375	(Conduit entry, screed depth 75-90mm)	1
4-compartment, use 65mm plates		
UTB0460	(Conduit entry, screed depth 60-75mm)	1
UTB0475	(Conduit entry, screed depth 75-90mm)	1



Mounting plates for 3-compartment screed units

1.2mm plate - 173 x 87mm

For use with: FTO65, FTO60
UTO2560, UTO2575, UTO3860, UTO3875
UTB0360, UTB0375

New Ref	Old Ref	Type	Suitability	Packed
Q311	-	Twin 13A SSO BS1363 (complete) Dual earth as standard	✓	1
INS55312	Q312	3 x single 13A SO BS1363 (complete)	✓	1
INS55313	Q313	Twin 13A Non standard C/E SSO BS5733 (complete)	▲	1
INS55314	Q314	To accept moulded twin gang accessory*	Data only	1
INS55321	Q321	To accept two standard 86 x 86mm UK wall* plates (data only) (for CAT5e and CAT6)	Outer comp only	1
INS55322	Q322	To accept 6 x LJ6C/RJ45 (for CAT5e and CAT6)*	✓	1
INS55323	Q323	2 x Euro 50 x 50mm frames (complete)*	✓	1
INS55326	Q326	Blank plate	✓	1
INS55325	Q325	To accept 8 x LJ6C/RJ45 (for CAT5e and CAT6)	✓	1

* Please note, in certain installations eg, shallow box systems, it may not be possible to install a CAT6 solution
▲ Height restriction 65mm or greater.



Mounting plates for 4-compartment screed units

1.2mm plate - 173 x 65mm

For use **ONLY** with: UTB0460, UTB0475

Ref	Type	Suitability	Packed
Q411	Twin 13A SSO BS1363 (complete)	✓	1
Q413	Twin 13A N/S C/E SSO BS5733 (complete)	▲	1
Q422	To accept 4 x LJ6C/RJ45**	✓	1
Q426	Blank plate	✓	1

** Due to space requirements for plug tops, it is not recommended that power plates are installed adjacent to each other in a four compartment box.
▲ Height restriction 65mm or greater.

Tough, robust and versatile



Trunking and conduit

A range of trunking and conduit for all electrical installation applications.

TRK heavy duty trunking

Midi trunking

Coiled miniature trunking

Miniature trunking

Trunking switch & socket boxes

Conduit & fittings

Flexible conduit

Installation components

TRK heavy duty trunking



Technical data

- Material: uPVC
- 3m lengths
- Colour: white
- BS 4678 Pt.4
- Range of sizes from 50 x 50mm to 150 x 150mm
- Designed for rapid installation
- Installation simplified by a wide range of fittings
- Heavy duty construction – to BS 4678 Part 4

Note: please see page 124 for details relating to thermal expansion









Trunking assemblies

Ref	Size (W x D)	Packed
TRK50W	50 x 50mm	18m
TRK501W	75 x 50mm	12m
TRK502W	100 x 50mm	12m
TRK503W	150 x 50mm	6m
TRK75W	75 x 75mm	12m
TRK100W	100 x 100mm	6m
TRK150W	150 x 150mm	3m

Divider

Lengths 1.5m

Ref	Size	Packed
DIV50	50mm	30m

Standard modular arrangements assembled to order

Fittings for these arrangements on request.

TRK cable trunking fittings















TRK fittings – popular fittings are supplied as Patented Moulded (M) units (patent No. 2205200 for which couplings are not required. Other fittings are Fabricated (F) and come complete with couplings.

Technical data

■ Colour: white

Flat angles (M)

Ref	For trunking size	Packed
FAU50W	50 x 50mm	1
FAU501W	75 x 50mm	1

Flat angles (F)

Ref	For trunking size	Packed
FAU502W	100 x 50mm	1
FAU503W	150 x 50mm	1
FAU75W	75 x 75mm	1
FAU100W	100 x 100mm	1
FAU150W	150 x 150mm	1

Internal angles (M)

Ref	For trunking size	Packed
IAU50W	50 x 50mm	1
IAU501W	75 x 50mm	1
IAU75W	75 x 75mm	1

Internal angles (F)

Ref	For trunking size	Packed
IAU502W	100 x 50mm	1
IAU503W	150 x 50mm	1
IAU100W	100 x 100mm	1
IAU150W	150 x 150mm	1

External angles (M)

Ref	For trunking size	Packed
XAU50W	50 x 50mm	1
XAU501W	75 x 50mm	1
XAU75W	75 x 75mm	1

Note: The internal cover of XAU 501W is radiused.

External angles (F)

Ref	For trunking size	Packed
XAU502W	100 x 50mm	1
XAU503W	150 x 50mm	1
XAU100W	100 x 100mm	1
XAU150W	150 x 150mm	1

Flat tees (M)

Ref	For trunking size	Packed
FTU50W	50 x 50mm	1
FTU501W	75 x 50mm	1

Flat tees (F)

Ref	For trunking size	Packed
FTU502W	100 x 50mm	1
FTU503W	150 x 50mm	1
FTU75W	75 x 75mm	1
FTU100W	100 x 100mm	1
FTU150W	150 x 150mm	1

Internal and external tees are available to special order. Please contact us for further details.

TRK cable trunking fittings



Cable retainers

Ref	For trunking size	Packed
RET50W	50 x 50mm	10
RET501W	75 x 50mm	10
RET75W	75 x 75mm	10



Socket outlet units

Ref	Size	Packed
SSU1W	1 gang	10
SSU2W	2 gang	10

For use with 100mm trunking only TRK100W + TRK502W

Internal couplings

Supplied in pairs, self adhesive.

Ref	For trunking size	Packed
IC50W	50mm deep	10
IC75W	75mm deep	10
IC100W	100mm deep	10
IC150W	150mm deep	10



External couplings – self adhesive

Ref	For trunking size	Packed
EXC50W	50 x 50mm	1
EXC501W	75 x 50mm	1
EXC502W	100 x 50mm	1
EXC503W	150 x 50mm	1
EXC75W	75 x 75mm	1
EXC100W	100 x 100mm	1
EXC150W	150 x 150mm	1



Flanged couplings

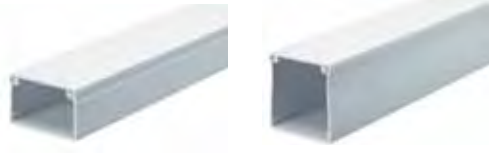
Ref	For trunking size	Packed
FC50W	50 x 50mm	1
FC501W	75 x 50mm	1
FC502W	100 x 50mm	1
FC503W	150 x 50mm	1
FC75W	75 x 75mm	1
FC100W	100 x 100mm	1



Stop ends

Ref	For trunking size	Packed
TSE50W	50 x 50mm	5
TSE501W	75 x 50mm	5
TSE502W	100 x 50mm	5
TSE503W	150 x 50mm	1
TSE75W	75 x 75mm	5
TSE100W	100 x 100mm	1
TSE150W	150 x 150mm	1

Midi trunking and fittings











A useful intermediate choice between miniature and heavy duty trunking.

Technical data

- Material: uPVC
- 3m lengths
- Colour: white
- BS 4678 Pt.4
- 50 x 50mm and 50 x 30mm
- Clip in divider to allow for circuit segregation
- Double locking clip on lid for safety and security

Trunking assemblies

Ref	Size	Packed
MID30W	50 x 30mm	30m
MID50W	50 x 50mm	18m

Couplings internal

Self-Adhesive, supplied in pairs.

Ref	For trunking size	Packed
IC30W	50 x 30mm	10
IC50W	50 x 50mm	10

Flat angles

Ref	For trunking size	Packed
MFA30W	50 x 30mm	2
MFA50W	50 x 50mm	2

External angles

Ref	For trunking size	Packed
MEA30W	50 x 30mm	5
MEA50W	50 x 50mm	5

Internal angles

Ref	For trunking size	Packed
MIA30W	50 x 30mm	5
MIA50W	50 x 50mm	5

Flat tees

Ref	For trunking size	Packed
MFT30W	50 x 30mm	2
MFT50W	50 x 50mm	2

Stop ends

Ref	For trunking size	Packed
MSE30W	50 x 30mm	5
MSE50W	50 x 50mm	5

Dividing strips

Ref	For trunking size	Packed
MDV30W	50 x 30mm	30m
MDV50W	50 x 50mm	12m

Coiled miniature trunking



Technical data

- Material: uPVC
- 12 to 15m lengths
- Colour: white
- BS 4678 Pt.4
- Compact storage
- Faster installation
- Reduced waste
- Ease of transport

1 Fix in flat form
After feeding the trunking from the carton the trunking is cut to length and secured in place using appropriate fixings or self adhesive backing.

2 Form sides
The trunking sides are then folded into position being held securely in place with positive clip action.

3 Snap on lid
For a neat, attractive and above all functional system.

Standard coiled miniature trunking			
Ref	**Size**	**Size**	**Packed**
FM1610W	16 x 10mm	15m coil	1
FM1W	16 x 16mm	15m coil	1
FM2W	25 x 16mm	15m coil	1
FM3W	38 x 16mm	12m coil	1

Self adhesive miniature trunking			
Ref	**Size**	**Size**	**Packed**
FMS1610W	16 x 10mm	15m coil	1
FMS1W	16 x 16mm	15m coil	1
FMS2W	25 x 16mm	15m coil	1
FMS3W	38 x 16mm	12m coil	1

Miniature trunking



Miniature Trunking has long been regarded as the leading cable management solution for many basic installations. Our Mita range has led the growth of this sector through constant product innovation and development.

Technical data

- Material: uPVC
- 3m lengths
- Colour: white
- BS 4678 Pt.4
- Comprehensive choice of profiles to suit your application
- Wide range of dedicated fittings and boxes for fast, high quality installation



Standard range - Type EM		
Ref	**Size**	**Packed**
EM1W	16 x 16mm	90m
EM2W	25 x 16mm	90m
EM3W	38 x 16mm	45m
EM4W	38 x 25mm	45m
EM5W	38 x 38mm	45m



Self adhesive range		
Ref	**Size**	**Packed**
SA1W	16 x 16mm	90m
SA2W	25 x 16mm	90m
SA3W	38 x 16mm	45m
SA4W	38 x 25mm	45m
SA5W	38 x 38mm	45m

Miniature trunking fittings











Technical data

■ Colour: white

Couplings

Ref	Size for trunking	Packed
MTC1W	16 x 16mm	10
MTC2W	25 x 16mm	10
MTC3W	38 x 16mm	10
MTC4W	38 x 25mm	10
IC38W*	38 x 38mm	10

*Internal coupling

Stop ends

Ref	For trunking size	Packed
MSE1W	16 x 16mm	10
MSE2W	25 x 16mm	10
MSE3W	38 x 16mm	10
MSE4W	38 x 25mm	10
MSE5W	38 x 38mm	10

Flat angles

Ref	For trunking size	Packed
MFA1W	16 x 16mm	10
MFA2W	25 x 16mm	10
MFA3W	38 x 16mm	10
MFA4W	38 x 25mm	10
MFA5W	38 x 38mm	5

External angles

Ref	For trunking size	Packed
MEA1W	16 x 16mm	10
MEA2W	25 x 16mm	10
MEA3W	38 x 16mm	10
MEA4W	38 x 25mm	10
MEA5W	38 x 38mm	5

Internal angles

Ref	For trunking size	Packed
MIA1W	16 x 16mm	10
MIA2W	25 x 16mm	10
MIA3W	38 x 16mm	10
MIA4W	38 x 25mm	10
MIA5W	38 x 38mm	5

Flat tees - equal

Ref	For trunking size	Packed
MFT11W	16 x 16mm	10
MFT22W	25 x 16mm	10
MFT33W	38 x 16mm	10
MFT44W	38 x 25mm	10
MFT55W	38 x 38mm	5

Miniature trunking fittings



Flat tees - unequal

Ref	Size	Packed
MFT21W	25 x 16mm to 16 x 16mm	10



Side tee - unequal

Ref	Size	Packed
MST21W	25 x 16mm to 16 x 16mm	10



Side tee - equal

Ref	Size	Packed
MST22W	25 x 16mm to 25 x 16mm	10



Intersection tees

Ref	Size	Packed
MIT2RHW	(right hand) 25 x 16mm	10
MIT2LHW	(left hand) 25 x 16mm	10



Flanged connectors – self-adhesive

Ref	Size	Packed
MFC1W	16 x 16mm	10
MFC2W	25 x 16mm	10

Switch & socket boxes for miniature trunking













Technical data

- Material: uPVC
- Colour: white
- BS 4662
- All boxes can be used with both standard and coiled miniature trunking
- Note: please see page 124 for details relating to thermal expansion

25mm deep breakaway boxes

Ref	Size	Packed
MMB251W	1 gang	10
MMB252W	2 gang	10
MMB252SW	2 gang side entry	10

Standard boxes accept 16 x 16mm and 25 x 16mm mini.
Reducer kits for other sizes available on request.

32mm deep boxes with mini entries

Ref	Size	Packed
Rounded corners		
TBR321W	1 gang	10
TBR321CW	1 gang	100
TBR322W	2 gang	10
TBR322CW	2 gang	100
Square corners		
TBU321W	1 gang	10
TBU321CW	1 gang	100
TBU322W	2 gang	10
TBU322CW	2 gang	100

44mm deep boxes with mini entries

Ref	Size	Packed
TBU441W	1 gang	10

Mini entry adapters

For use with TBU and TBR boxes

Ref	Size	Packed
MTAU1W	16 x 16mm	10
MTAU2W	25 x 16mm	10
MTAU3W	38 x 16mm	10

Ceiling rose box

Ref	Size	Packed
CRA12W	16 x 16mm to 25 x 16mm entries Fixing centre 50.8mm Overall diameter 82mm Depth 13.5mm	25

Conduits



Technical data

- Material: uPVC
- Round rigid conduits, oval conduits and channelling

Round rigid conduit-Type RNG - heavy gauge

- Super high impact
- 3m lengths
- Colour: white/black
- BS 4607, BS 6099
- Note: please see page 124 for details relating to thermal expansion

Ref white	Ref black	Size	Packed
RNG20W	**RNG20B**	20mm	90m
RNG25W	**RNG25B**	25mm	90m
RNG32W	**RNG32B**	32mm	30m

Please note other sizes are available to special order.
Please contact us for further details.

Round rigid conduit-Type RLG - light gauge

- Super high impact
- Colour: white

Ref	Size	Packed
RLG20W	20mm	90m
RLG25W	25mm	90m

Prices for larger sizes on application.
Please order conduit in metres – **not lengths**. See page 107 for bending springs and other installation equipment.



Oval conduit-Type OVL

- Length 3m, alternative lengths are available to order
- Colour: white
- BS 4607

Ref	Size	Packed
OVL12W	12mm	150m
OVL16W	16mm	150m
OVL20W	20mm	150m
OVL25W	25mm	150m
OVL32W	32mm	75m
OVL38W	38mm	75m



Channelling-Type CHN Standard gauge

- Lengths 2m, alternative lengths are available to order
- Colour: white

Ref	Size	Packed
CHN12W	12mm	150m
CHN25W	25mm	150m
CHN38W	38mm	100m

Conduit fittings

















Technical data

- Colour: white/black
- BS 4607 Pt5

Standard couplings

Ref white	Ref black	Size	Packed
PSC20W	**PSC20B**	20mm	100
PSC25W	**PSC25B**	25mm	50
PSC32W	**PSC32B**	32mm	50

Expansion couplings

Ref white	Ref black	Size	Packed
PEC20W	**PEC20B**	20mm	50
PEC25W	**PEC25B**	25mm	50

Reducers

Ref white	Ref black	Size	Packed
RED25W	**RED25B**	25-20mm	100
RED32W	**RED32B**	32-25mm	50

Strap saddles

Ref white	Ref black	Size	Packed
PSS20W	**PSS20B**	20mm	100
PSS25W	**PSS25B**	25mm	100
PSS32W	**PSS32B**	32mm	100

Spacer bar saddles

Ref white	Ref black	Size	Packed
SBS20W	**SBS20B**	20mm	100
SBS25W	**SBS25B**	25mm	100
SBS32W	**SBS32B**	32mm	50

Conduit fixing clips ‘CLIC’

Ref white	Ref black	Size	Packed
UK20W	**UK20B**	20mm	50
UK25W	**UK25B**	25mm	50

Round spring clip saddles

Single fixing hole in centre.

Ref white	Ref black	Size	Packed
CSA20W	**CSA20B**	20mm	100
CSA25W	**CSA25B**	25mm	50

Oval spring clip saddles

Ref white	Size	Packed
PXC20W	20mm	100
PXC25W	25mm	100

Conduit fittings



Adaptors – female thread with male bushes

Ref white	Ref black	Size	Packed
PFA20W	PFA20B	20mm	100
PFA25W	PFA25B	25mm	50
PFA32W	PFA32B	32mm	50



Adaptors – male thread with lockrings

Ref white	Ref black	Size	Packed
PMA20W	PMA20B	20mm	100
PMA25W	PMA25B	25mm	50
PMA32W	PMA32B	32mm	50



Male bushes – screwed

Ref white	Ref black	Size	Packed
MBS20W	MBS20B	20mm	100
MBS25W	MBS25B	25mm	100
MBS32W	MBS32B	32mm	100



Bell mouth bushes

White only

Ref	Size	Packed
MBB20W	20mm	100
MBB25W	25mm	100



Lockrings screwed - uPVC

Ref white	Ref black	Size	Packed
CLR20W	CLR20B	20mm	100
CLR25W	CLR25B	25mm	100
CLR32W	CLR32B	32mm	50



Heavy gauge bends with two couplings

Ref white	Ref black	Size	Packed
NBH20W	NBH20B	20mm	25
NBH25W	NBH25B	25mm	20
NBH32W	NBH32B	32mm	10



Light gauge bends slip type

Ref white	Size	Packed
NBL20W	20mm	25
NBL25W	25mm	20



Inspection elbow

Ref white	Ref black	Size	Packed
PIE20W	PIE20B	20mm	50

Conduit fittings



Inspection bends

Ref white	Ref black	Size	Packed
PIB20W	**PIB20B**	20mm	25
PIB25W	**PIB25B**	25mm	20



Inspection tees

Ref white	Ref black	Size	Packed
PIT20W	**PIT20B**	20mm	20
PIT25W	**PIT25B**	25mm	20

Circular junction boxes

- Colour: white/black
- BS 4607 Pt5
- Note: Maximum load is 3kg at 60°C
- When used to suspend lighting units, junction boxes should be used in conjunction with a steel insert clip (ref SIC 1)



Back outlet

Ref white	Ref black	Size	Packed
20CJB1W	**20CJB1B**	20mm	20
25CJB1W	**25CJB1B**	25mm	20



Terminal

Ref white	Ref black	Size	Packed
20CJB2W	**20CJB2B**	20mm	20
25CJB2W	**25CJB2B**	25mm	20



Through

Ref white	Ref black	Size	Packed
20CJB3W	**20CJB3B**	20mm	20
25CJB3W	**25CJB3B**	25mm	10



Angle

Ref white	Ref black	Size	Packed
20CJB4W	**20CJB4B**	20mm	20
25CJB4W	**25CJB4B**	25mm	10



3-way tee

Ref white	Ref black	Size	Packed
20CJB5W	**20CJB5B**	20mm	20
25CJB5W	**25CJB5B**	25mm	10



Intersection

Ref white	Ref black	Size	Packed
20CJB6W	**20CJB6B**	20mm	20
25CJB6W	**25CJB6B**	25mm	10

Conduit fittings

Terminal and back outlet

Ref	Size	Packed
Order 1 x 20CJB2 & 1 x PFA20	20mm	100
Order 1 x 25CJB2 & 1 x PFA25	25mm	50

Through and back outlet

Ref	Size	Packed
Order 1 x 20CJB3 & 1 x PFA20	20mm	100
Order 1 x 25CJB3 & 1 x PFA25	25mm	50

Angle and back outlet

Ref	Size	Packed
Order 1 x 20CJB4 & 1 x PFA20	20mm	100
Order 1 x 25CJB4 & 1 x PFA25	25mm	100

Tee and back outlet

Ref	Size	Packed
Order 1 x 20CJB5 & 1 x PFA20	20mm	100
Order 1 x 25CJB5 & 1 x PFA25	25mm	100

Intersection and back outlet

Ref	Size	Packed
Order 1 x 20CJB6 & 1 x PFA20	20mm	100
Order 1 x 25CJB6 & 1 x PFA25	25mm	100



No spout box

Ref white	Ref black	Packed
CJB12W	CJB12B	20



Loop-in

Ref white	Ref black	Size	Packed
20CJB13W	20CJB13B	With four base knock-outs: 20mm	20
20CJB20W	20CJB20B	With four side knock-outs: 20mm	20



Branch ‘U’ 2-way box

Ref white	Ref black	Size	Packed
20CJB17W	20CJB17B	20mm	20



Branch ‘Y’ 3-way box

Ref white	Ref black	Size	Packed
20CJB18W	20CJB18B	20mm	20

Conduit fittings

Circular box accessories



Screws

Ref	Size	Packed
M4X6MM	Cheese head (steel)	100
M4X10MM		100
M4X20MM		100



Circular lids and gaskets 50.8mm centres

Ref white	Ref black	Size	Packed
LID1W	**LID1B**	Standard 65mm dia.	100
LID2W	**LID2B**	Overlapping 85mm dia.	100
	GSK1B	Gasket 65mm dia.	100



Steel insert clip

Colour: N/A

Ref	Packed
SIC1	20



Extension rings

Colour: white

Ref	Size	Packed
EXR12W	12.5mm	50
EXR20W	20mm	50
EXR25W	25mm	25
EXR38W	38mm	20
EXR50W	50mm	10



Earth electrode boxes

Black box, red on white warning cover
Plain Outlet

Size	Size	Packed
MEB1		10
MEB1CGB	Compression gland seal	10



Adaptable boxes

Colour: white

Ref	Size	Packed
AJB101070W	100 x 100 x 70mm deep	1
AJB151075W	150 x 100 x 75mm deep	1
AJB151575W	150 x 150 x 75mm deep	1

Conduit fittings



Waterproof boxes IP66

Colour: white

Ref	Size	Packed
WJB080860W	80 x 80 x 60mm deep	1
WJB080875W	80 x 80 x 75mm deep	1
WJB101070W	100 x 100 x 70mm deep	1
WJB151075W	150 x 100 x 75mm deep	1
WJB151575W	150 x 150 x 75mm deep	1

Installation equipment



Adhesive - Permanent

Colour: N/A

Ref	Size	Packed
ADH25	250ml	1



Bending springs

Ref For heavy gauge conduit	Ref For light gauge conduit	Size	Packed
SPH20	**SPL20**	20mm	1
SPH25	**SPL25**	25mm	1
SPH32		32mm	1

Conduit fed surface mounting boxes











Surface mounting boxes

- Colour: white
- BS 4662
- The easiest and quickest box to install
- Non brittle for ease of drilling
- Fits popular wiring accessories from leading manufacturers
- 3 depths available

Square corners - 25mm deep

Ref	Size	Packed
Knockout		
KBS252W	2 gang	10

Round corners - 25mm deep

Ref	Size	Packed
Knockout		
KBR251W	1 gang	20

Square corners - 32mm deep

Ref	Size	Packed
Knockout		
KBU321W	1 gang	10
KBU321CW	1 gang	100
KBU322W	2 gang	10
KBU322CW	2 gang	100

Round corners - 32mm deep

Ref	Size	Packed
Plain		
PBR322W	2 gang	10
Knockout		
KBR321W	1 gang	10
KBR321CW	1 gang	100
KBR322W	2 gang	10
KBR322CW	2 gang	100

1 gang - 44mm deep

Ref		Packed
PBU441W	Plain	10
KBU441W	Knockout	10

Note: Square cornered boxes have infill corners to take round corner plates if required.

Cavity wall boxes





Cavity wall boxes

- Colour: white
- BS 4662
- Fast fixing switch or socket boxes for cavity partition walls
- New positive clip action
- Fits flush to wall
- One and two gang versions available
- Hole and cut outs for cable entry
- 32mm internal depth
- One box adjustable for 6-20mm board thickness

Ref	Size	Packed
SB9200CW	1 gang	100
SB9202CW	2 gang	100
SB9200W	1 gang	20
SB9202W	2 gang	10



Circular dry lining box

- Quick and simple to install
- Suitable for pendant drops, smoke alarms etc
- Maximum weight support is 3kg at 60°C
- 2 knockouts - both 20mm
- Overall diameter 67mm
- M3.5 x 30mm required

Ref	Size	Packed
CRB2W	50.8mm fixing centre	10





Flush mounting boxes - 35mm deep outlet boxes

- Colour: white
- BS 4662

Ref	Size	Packed
SB811W	1 gang adj lug	20
SB821W	2 gang adj lug	10

Flexible conduit



Flexible conduits

The Mita range of VERIFLEX flexible conduits have been designed to meet the needs of a wide range of applications.
Manufactured in both metallic and non-metallic materials, each conduit offers it's own blend of flexibility, strength, temperature range and protection.

- Duty: light/medium
- Protection: IP40
- Temperature range: -5 to +75°C

Veriflex CR - light gauge

Colour: grey

Ref	Size	Packed
VCR20C	20mm x 50m coil	1
VCR25C	25mm x 50m coil	1

Veriflex CH - medium gauge

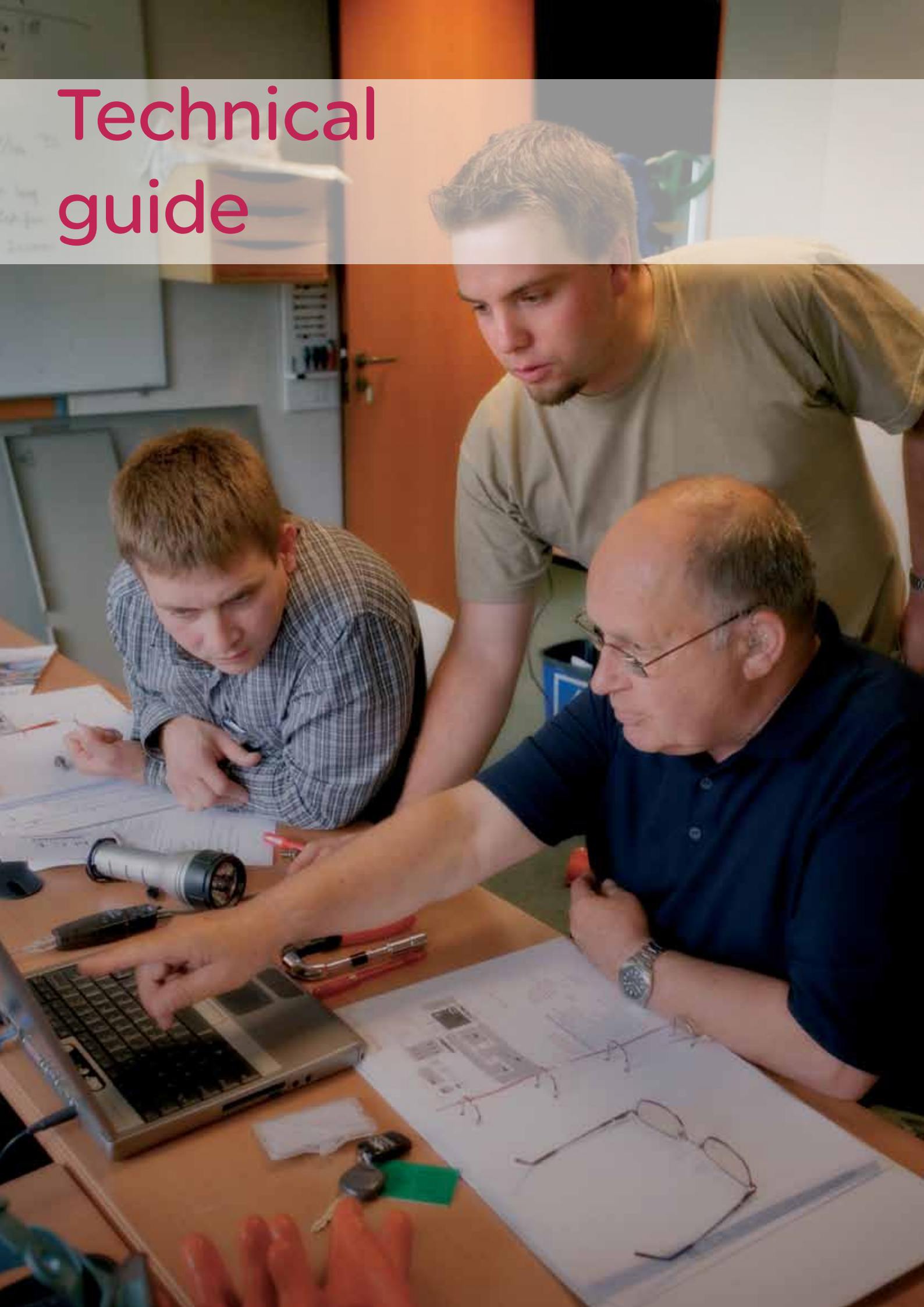
Colour: white

Ref	Size	Packed
VCH20C	20mm x 50m coil	1
VCH25C	25mm x 50m coil	1

Fixed thread fittings – male

Ref grey	Ref white	Size	Packed
VRFM20G	**VHFM20W**	20mm	20
VRFM25G	**VHFM25W**	25mm	20

Technical guide



Technical guide

The technical guide provides all the additional information you need on our cable management products.

Trunking cable capacity

Technical specifications

Trunking

Floor systems

Trunking cable capacity table

RANGE PROFILE	EMPTY COMPARTMENT												COMPARTMENT WITH 25MM SOCKET BOX										
	Solid		Stranded					Data					Solid		Stranded					Data			
	1.5	2.5	1.5	2.5	4	6	10	Cat 5e UTP	Cat 5e STP	Cat 6 UTP	Cat 6 STP	Cat 6a 10 Gig	1.5	2.5	1.5	2.5	4	6	10	Cat 5e UTP	Cat 5e STP	Cat 6 UTP	Cat 6 STP
ULTIMATE 60																							
CA3 Outer Comp	50	34	47	32	25	20	12	20	14	12	9	6	50	34	47	32	25	20	12	20	14	12	9
CA3 Centre Comp	241	166	227	158	121	95	60	99	69	59	44	31	152	104	143	99	76	60	38	62	43	37	28

RANGE PROFILE	EMPTY COMPARTMENT												COMPARTMENT WITH 25MM SOCKET BOX										
	Solid		Stranded					Data					Solid		Stranded					Data			
	1.5	2.5	1.5	2.5	4	6	10	Cat 5e UTP	Cat 5e STP	Cat 6 UTP	Cat 6 STP	Cat 6a 10 Gig	1.5	2.5	1.5	2.5	4	6	10	Cat 5e UTP	Cat 5e STP	Cat 6 UTP	Cat 6 STP
ULTIMATE 62																							
CU2 - Comp 1	228	194	271	184	139	109	66	98	82	70	60		182	125	171	119	91	69	43	62	53	45	39
CU2 - Comp 2	220	148	207	141	107	83	50	75	63	53	46												
CABLELINE 50																							
DP3 - Outer Comp	81	54	76	52	39	31	18	27	23	20	17												
DP3 - Centre Comp	203	137	191	130	98	77	46	69	58	49	42		100	67	94	64	48	38	23	34	28	24	21
ER3 - Top Comp	81	54	76	52	39	31	18	27	23	20	17												
ER3 - Centre Comp	203	137	191	130	98	77	46	69	58	49	42		100	67	94	64	48	38	23	34	28	24	21
ER3 - Lower Comp	98	66	92	63	47	37	22	33	28	24	20												
EL3 - Outer Comp	98	66	92	63	47	37	22	33	28	24	20												
EL3 - Centre Comp	203	137	191	130	98	77	46	69	58	49	42		100	67	94	64	48	38	23	34	28	24	21
CABLELINE 40																							
CP3 - Outer Comp	31	21	29	20	15	12	7	10	9	7	6												
CP3 - Centre Comp	152	102	143	97	73	57	35	51	43	37	32		48	32	45	31	23	18	11	16	14	12	10
CS3 - Top Comp	31	21	29	20	15	12	7	10	9	7	6												
CS3 - Centre Comp	152	102	143	97	73	57	35	51	43	37	32		48	32	45	31	23	18	11	16	14	12	10
CS3 - Lower Comp	40	27	37	25	19	15	9	13	11	10	8												
CL3 - Outer Comp	40	27	37	25	19	15	9	13	11	10	8												
CL3 - Centre Comp	152	102	143	97	73	57	35	51	43	37	32		48	32	45	31	23	18	11	16	14	12	10
DELTA 105																							
DA105 Comp 1	45	31	42	29	22	18	11	18	13	11	8	6	32	22	30	21	16	13	8	13	9	8	6
DA105 Comp 2	59	41	56	39	30	24	15	24	17	14	11	8	30	21	29	20	15	12	8	12	9	7	6
DA105 Comp 3	59	41	56	39	30	24	15	24	17	14	11	8	30	21	29	20	15	12	8	12	9	7	6
DA105 Comp 4	45	31	42	29	22	18	11	18	13	11	8	6	32	22	30	21	16	13	8	13	9	8	6
DA105 No Divider	223	153	210	146	112	88	56	92	64	54	41	28	134	92	126	88	67	53	33	55	38	33	24
CONSORT																							
CT104 - Comp 1	24	16	22	15	11	9	5	8	7	6	5		12	8	11	8	6	4	3	4	3	3	2
CT104 - Comp 2	44	29	41	28	21	17	10	15	12	11	9		11	8	11	7	5	4	3	4	3	3	2
CT104 - Comp 3	44	29	41	28	21	17	10	15	12	11	9		11	8	11	7	5	4	3	4	3	3	2
CT104 - Comp 4	24	16	22	15	11	9	5	8	7	6	5		12	8	11	8	6	4	3	4	3	3	2
CT104 - No Divider	151	102	142	97	73	57	34	51	43	37	32		49	33	46	31	24	18	11	16	14	12	10
CT105 - Comp 1	35	24	33	23	17	13	8	12	10	9	7		20	14	19	13	10	8	5	7	6	5	4
CT105 - Comp 2	55	37	52	35	27	21	13	19	16	13	11		22	15	21	14	11	8	5	8	6	5	5
CT105 - Comp 3	55	37	52	35	27	21	13	19	16	13	11		22	15	21	14	11	8	5	8	6	5	5
CT105 - Comp 4	35	24	33	23	17	13	8	12	10	9	7		20	14	19	13	10	8	5	7	6	5	4
CT105 - No Divider	201	136	189	129	97	76	46	68	57	49	42		97	66	92	62	47	37	22	33	28	24	20
CT106 - Comp 1	44	29	41	28	21	17	10	15	12	11	9		29	19	27	18	14	11	7	10	8	7	6
CT106 - Comp 2	72	48	67	46	35	27	16	24	20	17	15		34	23	32	21	16	13	8	11	10	8	7
CT106 - Comp 3	72	48	67	46	35	27	16	24	20	17	15		34	23	32	21	16	13	8	11	10	8	7
CT106 - Comp 4	44	29	41	28	21	17	10	15	12	11	9		29	19	27	18	14	11	7	10	8	7	6
CT106 - No Divider	246	166	231	158	119	93	56	83	70	60	51		146	98	137	93	71	55	33	49	42	35	31
CARLTON																							
SK82 - Top Comp	27	18	26	18	13	10	6	9	8	7	6												
SK82 - Lower Comp	25	17	23	16	12	9	6	8	7	6	5												

To obtain cable capacity; select trunking compartment from left hand column, select cable type/application from top row.

Where column/row meet, read cable capacity.

Please note, all calculations in cable capacity table are theoretical only. E&OE

	COMPARTMENT WITH 35MM SOCKET												With 50mm Socket Box										
	Solid		Stranded					Data					Solid		Stranded					Data				
Cat 6a 10 Gig	1.5	2.5	1.5	2.5	4	6	10	Cat 5e UTP	Cat 5e STP	Cat 6 UTP	Cat 6 STP	Cat 6a 10 Gig	1.5	2.5	1.5	2.5	4	6	10	Cat 5e UTP	Cat 5e STP	Cat 6 UTP	Cat 6 STP	Cat 6a 10 Gig
6	50	34	47	32	25	20	12	20	14	12	9	6	50	34	47	32	25	20	12	20	14	12	9	6
19	116	80	109	76	58	46	29	48	33	28	21	15	62	43	59	41	31	25	16	26	18	15	11	8

	COMPARTMENT WITH 35MM SOCKET												CAPACITY AROUND BEND RETAINING 50mm MIN BEND RADIUS				
	Solid		Stranded					Data					Data				
Cat 6a 10 Gig	1.5	2.5	1.5	2.5	4	6	10	Cat 5e UTP	Cat 5e STP	Cat 6 UTP	Cat 6 STP	Cat 6a 10 Gig	Cat 5e UTP	Cat 5e STP	Cat 6 UTP	Cat 6 STP	
	142	98	134	93	71	54	34	49	41	36	31		85	72	62	54	
													66	56	48	42	
													15	13	11	9	
	54	37	51	35	26	21	12	18	15	13	11		44	37	32	27	
													15	13	11	9	
	54	37	51	35	26	21	12	18	15	13	11		44	37	32	27	
													21	18	15	13	
													21	18	15	13	
	54	37	51	35	26	21	12	18	15	13	11		44	37	32	27	
													4	4	3	3	
													27	22	19	16	
													4	4	3	3	
													27	22	19	16	
													7	6	5	4	
													7	6	5	4	
													27	22	19	16	
4	27	19	26	18	14	11	7	11	8	7	5	3					
4	19	13	18	12	9	7	5	8	5	5	3	2					
4	19	13	18	12	9	7	5	8	5	5	3	2					
4	27	19	26	18	14	11	7	11	8	7	5	3					
17	98	67	93	64	49	39	25	40	28	24	18	12					
	15	10	14	10	7	6	3	5	4	4	3						
	11	8	11	7	5	4	3	4	3	3	2						
	11	8	11	7	5	4	3	4	3	3	2		LARGE RADIUS FITTINGS AVAILABLE TO				
	15	10	14	10	7	6	3	5	4	4	3						
	55	37	52	35	27	21	13	19	16	13	12		MAINTAIN 50MM MINIMUM BEND RADIUS				
	24	16	22	15	11	9	5	8	7	6	5						
	22	15	21	14	11	8	5	8	6	5	5						
	22	15	21	14	11	8	5	8	6	5	5						
	24	16	22	15	11	9	5	8	7	6	5						
	104	70	98	67	50	39	24	35	30	25	22						

We would like to draw your attention to the following important note:

Thermal expansion
uPVC is subject to thermal expansion and contraction, therefore care should be taken to ensure that trunkings and adequately supported along their length and are not rigidly fixed to any base support or structure. Fixing holes should be made oversize and screws should not be over tightened. A gap should be left between adjoining lengths to allow for expansion, 2-3mm will be sufficient for most needs but where extremes of temperature change are possible, a gap of 6mm should be left.
Conduit should be able to move freely within saddles or clips and it is recommended that an expansion coupling is installed when a straight run exceeds 6m.
All systems are designed to allow installers to comply with current IEE regulations.

These notes are issued for guidance and to assist good practice and workmanship.

A significant proportion of Schneider Electric's resources are dedicated to the maintenance of the highest standards of product design and manufacture. This attention to detail extends to ease of installation and most installers will be familiar with the techniques required. However, we want you the specifier or installer of our products to get the very best out of each and every Schneider Electric system.
In addition to the Technical Sections of each of the main product catalogues, you can rely on the prompt attention of our experienced sales support team simply by ringing 0870 608 8 608.
Alternatively you may wish to request one of our local representatives who would be pleased to go through any particular site requirements and advise as to the most appropriate solution.

Technical specification

Introduction
uPVC cable management systems allow for the segregation of power, low voltage, communication and computer cabling. They can accept standard wiring accessories which gives maximum flexibility when changes or extensions are required to the system.

Authority
Manufactured to comply with the requirements of BS4678: Part 4 (where applicable). All systems allow the installer to comply with the current edition of the IEE Regulations All Schneider Electric products are supplied in accordance with the stated requirements of CE marking, introduced in 1997. Cableline is protected by a Registered Design (No 1057232).

Description
Composition
Body and lids are extruded from high impact, self-extinguishing rigid uPVC. Lids for all the compartments clip to the body section with Schneider Electric's proven double locking action, for additional security and to ensure they are not accidentally displaced. The socket outlet boxes clip into the centre compartments. Angles and joint covers (where applicable) clip into position and are secured with either recessed screws or positive action clips.

Performance
Typical properties of rigid uPVC are:

Specific gravity (Density)
1.35-1.47

Thermal expansion
6x10 (-5) °C. This is approximately equivalent to an expansion of 2mm on a 3 metre length for a temperature rise of 10°C.

Temperature °C range	Min.	Max.
Storage and handling	-5	+50
Installation	-5	+50
Operating	-5	+60

Water absorption
- Negligible

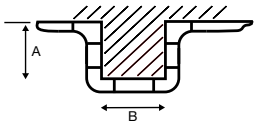
Chemical resistance
Mineral Acids – Excellent
Detergents – Excellent
Alcohols – Fairly good but liable to attack from other solvents such as ketones, aromatics and hydrocarbons.

Maintenance
To be wiped clean with a damp cloth only.

Sitework
Perimeter systems are designed to allow installers of the system to comply with the current edition of the IEE Regulations. These notes are issued for guidance and to assist good practice and workmanship. Installers should satisfy themselves that the IEE Regulations are being met with regard to the particular installation.

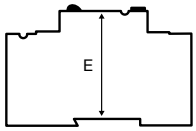
Fixing
The units can be neatly cut using a fine tooth tenon or hack saw and trimmed for appearance with a sharp knife or file.

Installing trunking around pillars
The drawings below show the minimum dimension of pillar around which trunking can be installed by using standard components. Please call 0870 608 8 608 for details of other trunkings. If there are obstructions which are smaller than this, we will be pleased to advise. Care should be taken not to run the installation at the upper temperature continually for long periods.



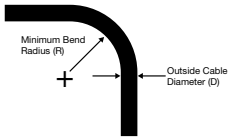
Product*	A (mm)	B (mm)
Ultimate 60	220	160
Ultimate 62	220	180
Cableline 50	140	65
Cableline 40	130	65
Consort Delta 105	220	180
Consort dado CT104	110	50
Consort dado CT105	120	50
Consort dado CT106	130	50

*These measurements are approximate and allow for a 10mm gap between fittings for inclusion of a short section of trunking/lid.



MCB/RCD/RCBO housing units
These will accommodate either two MCBs or one RCD/RCBO unit. To verify whether the device of your choice will fit the housing unit, measurement E on the following drawing should first be taken. If this falls between 60mm and 68mm, then the device will fit. If it doesn't please contact us on 0870 608 8 608 for guidance on a customised solution

Data cable guides
Schneider Electric are able to offer a range of data cable guides for the Ultimate 50 product range.
Data cable guides provide a sweeping bend radius to maximise performance of CAT6 and fibre cables, as stipulated by BSEN50174-2 (CENELEC), ISO IEC11801 and ANSI/TIA/EIA 568B. Data cable guides can be used in conjunction with the standard trunkings, angles, tees and bends and simply clip or fix into place.

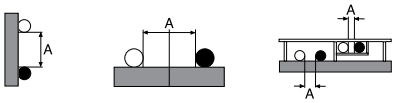


Minimum bend radii
Minimum bend radii must be observed for all cabling to ensure it is not damaged or its performance impaired. The minimum permissible bend radius of a cable is greater during pulling in, when it is under tension, than when installed, and free from tension.

	Installed	Pulling in
EN 50174-2	Should not exceed minimum from product standard	
IEC 11801: 2nd edition	25mm for 4 pair cable <6mm 50mm for 4 pair cable <6mm	Not specified
Horizontal ANSI/TIA/EIA 568-B	4 x D for UTP 4 pair cables	Not specified
Fibre TIA 568-B	(Multipair) 10 x D	15-20 x D

Where D = outside cable diameter.

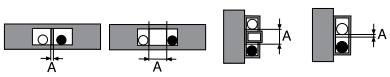
BS 50174-2 - Separation between Power & Information Technology Cables
In installations where the horizontal cabling length is less than 35m no separation is required, in case of screened cabling. For lengths greater than 35m, the separation distances apply to the full length excluding the final 15m attached to the outlet.
Please see table below.



Wall installation | Floor or ceiling installation | Raised floor or ceiling installation

Note - All cables should be fixed. For cables with fixing, minimum distance is the distance that is the worst situation between fixing points. Without fixing, 0mm distance shall be taken into consideration.

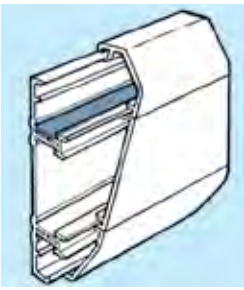
Example of power cable and information technology cables that run parallel without divider.



Underfloor system | Wall mounted system

	Distance A		
	Without divider or non-metallic divider (1)	Aluminium divider	Steel divider
Unscreened power cable & unscreened IT cable	200mm	100mm	50mm
Unscreened power cable & screened IT cable (2)	50mm	20mm	5mm
Screened power cable & unscreened IT cable	30mm	20mm	2mm
Screened power cable & screened IT cable (2)	0mm	0mm	0mm

1) It is assumed that in case of metallic divider, the design of the cable management system will achieve a screening attention related to the material used for the divider.
(2) The screened IT cables shall comply with EN 50288 series.



Steel screening divider
Provide a steel screening divider to comply with BS 50174-2.

Ultimate 60 Perimeter Trunking

1 Scope

Ultimate 60 conforming to the material and performance requirements of this specification.

2 General

a) Trunking shall be manufactured to BS4678: Part 4 (where applicable) under BS EN ISO9001 conditions.

b) They shall be extruded from high impact, self extinguishing rigid uPVC with an operating temperature range of -5^{0}C to +60^{0}C.

3 Specification

a) Standard trunking profile shall be 150x60mm and feature 3 compartments. Trunking base shall be pre-drilled.

b) External and internal angles shall allow for a +/- 5^0 movement.

b) Trunking range should feature a steel divider for power and data separation (to comply with BS50174-2) for both straight lengths and for internal and external corners. Steel divider should be pre-punched.

c) Trunking shall be capable of taking 25mm, 35mm and 50mm deep, one and two gang uPVC wiring accessory mounting boxes. These should have the ability to clip in at any point along the length and be moved to suit changing installation requirements.

d) An oval bell mouth bush shall form part of the range to fit into screening divider knockouts preventing potential snagging of sensitive cabling.

e) External, internal, flat bends and tees shall provide for a 50mm bend radius (as stated by ISO11801 & Cenelec standards).

f) Internal angles, external angles and joint covers shall feature safe and secure fixing by way of recessed self drilling screws covered with “teardrop” caps.

g) The range of colours available shall be those of the RAL/BS4800 spectrum.

Ultimate 62 Perimeter Trunking

1 Scope

Ultimate 62 conforming to the material and performance requirements of this specification.

2 General

a) Trunking shall be manufactured to BS4678: Part 4 (where applicable) under BS EN ISO9001 conditions.

b) Trunking shall be extruded from high impact, self extinguishing rigid uPVC with an operating temperature range of –5^{0}C to +60^{0}C.

3 Specification

a) Standard trunking profile shall be 190x62mm. Trunking base shall be pre-drilled.

b) Trunking will consist of two compartments with a 60/40 split.

c) Both compartments shall be capable of sub-division by the use of clip-in dividers.

d) Trunking shall feature a top compartment 98x62mm and a bottom (data) compartment of 75x62mm.

e) Trunking shall be capable of taking 25mm, 35mm and 50mm deep, one and two gang uPVC wiring accessory mounting boxes. These should have the ability to clip in at any point along the length and be moved to suit changing installation requirements.

f) Trunking should feature a 30mm and 60mm power shelf divider.

g) Trunking range should feature a steel divider for power and data separation (to comply with BS50174-2) for both straight lengths and for internal and external corners. Steel divider should be pre-punched and located in centre spine.

h) An oval bell mouth bush shall form part of the range to fit into screening divider knockouts preventing potential snagging of sensitive cabling.

i) External, internal, flat bends and tees shall provide for a 50mm bend radius (as stated by ISO11801 & Cenelec standards).

j) Where applicable, fittings shall feature safe and secure fixing by way of recessed self drilling screws covered with caps.

k) The range of colours available shall be those of the RAL/BS4800 spectrum.

Cableline 50 and Cableline 40 perimeter trunking

1 Scope

Cableline 50 and Cableline 40 Perimeter Trunking conforming to the material and performance requirements of this specification.

2 General

a) Trunkings shall be manufactured to BS4678: Part 4 (where applicable) under BS EN ISO9001 conditions.

b) They shall be extruded from high impact, self extinguishing rigid uPVC with an operating temperature range of -5 to +60°.

3 Specification

a) Standard trunking shall feature three compartments and profiles shall be 145 x 40mm, 180 x 52mm. All trunking bases shall be pre-drilled.

b) Angles, tees, covers and end caps shall feature safe and secure fixing by way of recessed self drilling screws covered with dome caps.

c) All trunkings shall be capable of taking 25mm deep, one and two gang uPVC wiring accessory mounting boxes, 52mm deep trunkings shall also be able to accommodate 35mm deep mounting boxes. These can clip in at any point along the trunking length and can be moved to suit changing installation requirements.

d) The range of colours available shall be those of the RAL/BS4800 spectrum.

e) Optional data cable guides shall be available for the external.

Consort Dado Trunking

1 Scope

Consort Dado Trunking conforming to the material and performance requirements of this specification.

2 General

a) Trunking shall be manufactured to BS4678: Part 4 (where applicable) under BS EN ISO9001 conditions.

b) They shall be extruded from high impact, self-extinguishing rigid uPVC with an operating temperature range of -5 to +60°C.

3 Specification

a) Standard trunking shall feature a single compartment and profiles shall be 100x40mm, 100x50mm or 100x60mm. Trunking bases shall be pre-drilled.

b) The trunking shall be capable of sub-division by the use of clip-in dividers.

c) Optional external, internal and flat angles for all profiles shall be available to provide a 50mm bend radius.

d) All trunking shall be capable of taking one and two uPVC wiring accessory mounting boxes. These can clip in at any point along the trunking length and can be moved to suit changing installation requirements. Trunking of dimensions 100 x 40mm shall accept 25mm mounting boxes and trunking of dimensions 100 x 50mm and 100 x 60mm shall accept 25mm and 35mm mounting boxes.

e) The trunking shall feature a double locking lid for extra security.

WD Series Power/Data distribution units

1 Scope

WD Series Power/Data distribution units to the material and performance of this specification.

2 General

The range shall include units that provide for the cost effective containment and management of power, data and telecommunications circuits, accessories and connectors.

3 Specification

a) Units shall be based on the Mita ranges of aluminium extrusion with dimensions of 70x35mm nominal for CAT5e modules or 70x50mm nominal for CAT6 modules.

b) Lids and other fittings as well as wiring accessories and plates shall be non-metallic.

c) Power sockets and mounting plates (not MCB/RCD Housings) shall be flush with the surface of the trunking.

d) Units shall be suitable for connection to metallic or nonmetallic flexible conduit.

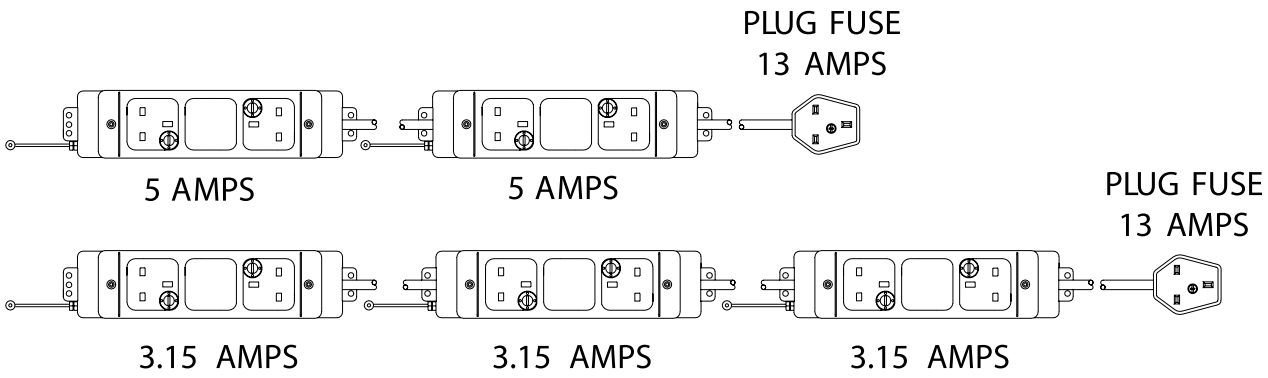
e) Units shall be suitable for MCB/RCD Housing.

Office furniture electrical safety

The role of BS 6396
All electrical equipment and installations in the workplace must be designed and tested to ensure their safety and to comply with the relevant regulations.
In 1990 the Electricity at Work Regulations came into effect and form part of Health and Safety legislation superseding the old Electricity Factories Acts extending the scope to embrace all work environments.

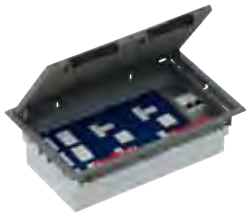
- British Standards may be used as means of demonstrating compliance to the statutory regulations, and in the case of office furniture where cable management and power modules are installed the relevant Standard is BS 6396 in its reviewed and updated version.
- Electrical accessories utilised in office furniture installations including power modules must meet the electrical standards set out in BS 6396 as a requirement for overall compliance of the desk or workstation electrical system. Power modules generally are manufactured to BS 5733 with production and quality traceable standards to assist with ensuring compliance of completed office furniture installations.

The diagrams below indicate the maximum number of socket outlets that may be connected from a single power supply cable fed from a 13 Amp BS 1363 plug.



Sockets installed in office furniture are intended to supply office equipment with a rating not exceeding 5 amps. Equipment with ratings in excess of 5 amps must be provided with a dedicated power feed and it is acceptable to run this through the workstation cable management system. The format and packaging of the power modules may be varied providing that all sockets are individually fused and the numbers relevant to the fuse ratings are not exceeded.

- For compliance with the Electricity at Work Regulations and BS 6396 all installations when completed must be tested. Section 7 of BS 6396 sets out these procedures. The tests should also be carried out on re-configured desks and screens as well as on new installations. It is recommended that annual inspections and tests should be carried out to fulfil the obligations of the Electricity at Work Regulations in maintaining a safe working environment. Tests should be performed by trained competent personnel and the results of the tests recorded on test record sheets. Copies of the documentation should be passed to the client for safe keeping and future reference.



Raised access floor outlet boxes

The Schneider Electric floor box range contains a complete portfolio of products for installation of British Standard outlets for power and data in raised floor applications. Plastic and stainless steel trimmed floor boxes are available, each including lid, carpet trims and a metal base box, ready for mounting either three or four outlets. The lid can be infilled with various floor materials. The plastic trim can accommodate an insert of up to 6 mm thickness, and ready-to-use lid infills of grey linoleum or stainless steel are available. The stainless steel trim can accommodate up to 15mm thick insert materials, such as carpet, wood or stone tiles. All floor boxes feature a convenient quick-fix fixing system, enabling a tool-free and secure fit into the floor. The plastic floor boxes are also available in pre-wired versions.

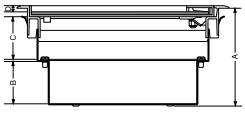
Benefits

- Quick and easy installation, without tools
- Large outlet capacity
- Wide range of plates and accessories to satisfy end-user requirements
- Three depths: 70, 100 and 130mm
- The 100 and 130mm 3-compartment versions are prepared for integration of a circuit breaker
- Lid recesses can be infilled with most common floor finishes
- Reversible, self closing lid
- Durable and scratch-resistant material
- Pre-wired versions: fully assembled and factory tested to eliminate wiring errors and loss of components and reduce installation times
- According to BS EN 60670-23:2008 standard

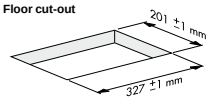
Technical and Material data

PA/ABS	Density	1.12 g/cm3
	Linear expansion	70x10–6 m/m°C
	Water absorption	0.9%
	Volume resistivity 1	014 Ω cm
	Dielectric strength	19 kV/mm
	Colour Grey	RAL 7011
PA6	Density	1.13 g/cm3
	Linear expansion	70-100x10–6 m/m °C
	Colour Blue	RAL 5003
Sheet steel specification S 350 GD		
	Density	7.8 g/cm3
	Surface treatment	Zinc coated
Stainless steel specification X5CrNi 18-10		
	Density	7.8 g/cm3
Cable capacity	1720 mm2, max. cable Ø 11 mm	
Temperature range	Operating temperature from -25ºC to +60ºC	
Degree of protection	IP20	
Standards	The products comply with BS EN 60670-23:2008	
	The products satisfy the provisions for CE marking according to the Low Voltage Directive 73/23/EEC and 93/68/EEC	

Dimensions



Floor cut-out



Dimensions

	A mm	B mm	C mm	D mm
Plastic trimmed boxes				
INS53070 INS54070	75	30	30	6
INS53100 INS54100	105	45	45	6
INS53130 INS54130	135	60	60	6
Steel trimmed boxes				
INS53170 INS54170	84	30	30	15
INS53200 INS54200	114	45	45	15
INS53230 INS54230	144	60	60	15



Powertrack systems Type PT

Technical Specifications/Details

Standards and compliance
Powertrack system type PT has been designed and fully type tested to the following standards.
BS EN 60439-1
BS EN 60439-2 (formerly BS 5486 Part 2)
IEC439/2

Power track system type PT also complies with the requirements of BS7671: 2001 (IEE Wiring Regulations 16th Edition)

Track current rating
63 Amp, 240 V ac, 50Hz Single Phase

Short circuit rating

Track
Max conditional prospective fault current: 16.5KA (Short Circuit protection being provided by fuse links BS 88 rating 100amp maximum.)

Maximum withstand current	10 KA Peak
Short time withstand current	1200A for 0.4 sec

32 Amp unfused tap off

Maximum withstand current	10 KA Peak

Degree of protection
Track: IP 4X
Feed Units: IP 4X

Earth fault loop impedance
BS 7671: 2001 requires that the total earth loop impedance of any circuit is determined and that the value be low enough to ensure that, in the event of an earth fault occurring, the circuit protective device will operate within the time specified. The resistance values for power track type PT, stated at an ambient temperature of 20°C, are listed below.

Phase Busbar	1.5m Ω / M.
Earth Busbar & Housing	1.0m Ω / M.
Earth Busbar (Clean Earth)	1.5m Ω / M.
Track Connector (per pole)	0.1m Ω /.
Feed Unit (per pole)	0.1m Ω /.
Tap Off 32 Amp Unfused (4mm^2 x 3M) (Line & Earth)	30.0m Ω /.

Earth bonding
The earth busbar is repeatedly connected to the track body along a track run i.e., at the feed unit and each track interconnector. This also applies to the ordinary earth busbar in the clean earth system.

Voltage drop
The values of voltage drop for system PT listed below are for full load conditions at a typical ambient temperature of 25°C.

Track busbars (line and neutral)	3.2 mV / A / M.
Track interconnector (line and neutral)	0.2 mV / A.
Feed unit (line and neutral)	0.2 mV / A.
32 Amp unfused tap off (4mm^2 x 3M)	11.0 mV / A / M.

Cable capacity of terminals
Feed unit 16mm^2

Tap off units
Standard and clean earth tap offs are non interchangeable. Both types are available in 32 Amp unfused and 13 Amp and 16 Amp fused versions. They comply with the high integrity earth requirements of section 607 of the IEE Wiring Regulations (BS7671) as they employ 4mm^2 earth cables enclosed within a flexible conduit.

32 Amp unfused tap offs
These tap offs are designed to comply with regulation 473-02-02 of the IEE Wiring Regulations (BS 7671). They consist of an unfused plug with 3 metres of 4mm^2 cables, enclosed in 16mm diameter flexible conduit, which are terminated in the tap off plug via welded connections.

13 Amp and 16 amp fused tap offs
Fused tap offs are required where lengths greater than 3 metres are to be used. The tap off plug is fused at 13 Amp or 16 Amp, with the specified length (normally 5 metres) of 16mm diameter flexible conduit enclosing 2.5mm^2 live and neutral and 4mm^2 earth cables, enclosed in 16mm diameter flexible conduit, which are terminated in the tap off plug via welded connections.

Underfloor busbar trunking (powertrack)

1. The busbar trunking shall comply with the relevant requirements of BS EN 60439-1 and have been fully type tested and ASTA certified to BS EN 60439-2 (formerly BS 5486 Part 2).
2. The busbar trunking enclosure and feed unit housings shall be manufactured from galvanized steel and shall have a degree of protection of IP 4X.
3. Feed unit terminals shall be capable of accepting cables up to 16mm^2 singly.
4. The busbar system shall be rated at 63A at 240V ac, and shall have a maximum withstand current rating of 10 KA peak and a short time withstand current rating of 1200A for 0.4 sec.
5. All busbars and interconnector pins, 3 No. for standard earth systems and 4 No. for clean earth (low noise) systems shall be of high conductivity copper having a minimum cross sectional area of 12mm^2. Connection points between interconnector pins and the busbar sections shall be supplemented by the use of spring steel or equivalent braces to ensure long term integrity of these joints.
6. Standard and clean earth systems shall be clearly colour coded as shall be the tap offs (as detailed later).
7. Shuttered tap off outlet facility shall be provided at 300mm intervals and shall be equipped with retained dust caps for protection when the tap off is out of service.
8. All tap offs shall have an integral latching mechanism to prevent accidental removal. Unfused tap offs shall be rated at 32A and shall incorporate the welded connection of cables to the tap off plug pins. The cables shall be 4mm^2 LSF enclosed in 16mm diameter flexible metallic conduit. Fused tap offs shall be rated at 13A (ability to fuse up to 16A) and shall incorporate 2.5mm^2 LSF cables for live and neutral and 4mm^2 for earth (to comply with section 607 of the IEE regulations, high integrity earth) enclosed in 16mm diameter flexible metallic conduit.
9. Standard and clean earth tap offs shall be both colour coded and non interchangeable to ensure that accidental mixing of services does not occur.

Floor grommets

Please contact the technical office for data sheet.

Flushscreed trunking

Installation instructions

1. Plan and mark out trunking layout in accordance with site/project requirements.
2. To ensure a satisfactory result, the trunking base should be fully supported along its width and entire length.
3. Lay out trunking lengths and junctions units in the first line and joint together using appropriate jointing kits.
4. When the line is straight and in position, secure the trunking to the structural floor slab to ensure a firm installation.
5. Once the grid is in position and completely secured, screeding can commence using the trunking top cover as a datum.
6. When the concrete has completely set, covers can be removed to enable wiring installation.
7. **NB:** Care should be taken to ensure that trunking runs are clean and free from excess moisture prior to cable installation particularly important when concrete requires additional watering during curing, to prevent cracking in especially hot climates.

Flushscreed trunking system

1 A complete system of 3 compartment flush floor trunking (to accommodate power, telephone and data services) shall be provided to serve the office areas of the building, such that maximum flexibility may be obtained throughout. The flush trunking base shall be fully supported along its width and entire length.

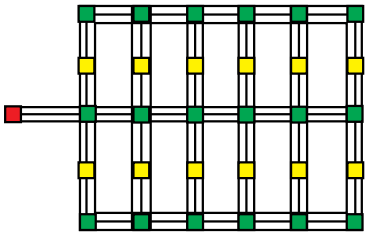
2 The Flushscreed Trunking, 325mm wide, having cover lids of 200mm and 400mm, shall be manufactured in suitable lengths to provide a modular system which can be prefabricated on site.

3 The trunking compartment dividing fillets shall be manufactured from 1.2mm thick galvanised sheet steel and meet the underside of the trunking lids. The top of the fillets and the lid supporting edge of the trunking body shall be provided with a sound deadening/sealing gasket.

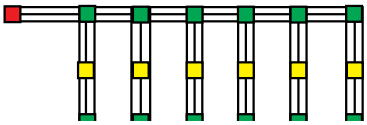
4 The dividing fillets shall be designed so as to allow the installation of an outlet unit at any point where a 200mm cover lid occurs.

Junction box
Service outlet unit
Riser bend
End cap

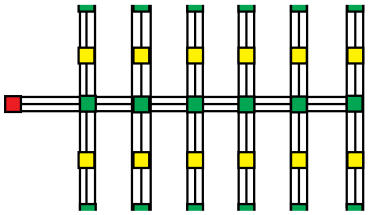
Grid pattern



Comb pattern



Fishbone pattern



Layout

Depending on the degree of flexibility required, the ducting system is usually laid out on a Grid, Fishbone or Comb pattern.

A Grid pattern is recommended if the user requires maximum flexibility. In any reorganisation of the users work areas, the Grid patterned system provides maximum options for cabling requirements.

A Fishbone pattern is ideal for medium sized areas where fewer outlet points are required.

A Comb pattern offers economy with optimum floor outlet positioning.

Underscreed trunking

1 Plan and mark out trunking layout in accordance with drawing and site requirements.

2 Dimensional variations in the level of the floor slab are to be corrected by applying a suitable bedding prior to the positioning of the trunking components.

3 Position the junction boxes and service outlet units, install the trunking runs between using the junction flanges and connectors as required. (Further bedding may be required to bring the components to the required finished level).

4 Once the junction boxes and service outlet units have been positioned, screeding can commence. Check that the recommended screed cover of trunking runs between boxes is maintained. A minimum of 25mm. It is recommended that expanded metal mesh is laid over the trunking runs prior to screeding if 'coverage' of 25mm or less is anticipated at any point.

5 Wiring can now commence.

6 Once the wiring has been completed and sockets, telephones, jack etc have been connected and fitted onto the outlet.

Layout

Depending on the degree of flexibility required, the ducting is usually laid out on a Grid, Fishbone or Comb pattern of single, double or triple runs.

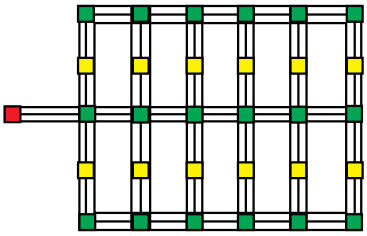
A Grid pattern is widely used in areas where the occupants require a great degree of flexibility in reorganising work areas. Capacity can be increased by returning individual ring mains through different runs of ducting which in itself makes for simple installation.

The Fishbone pattern is ideal for a medium sized area where fewer outlets are required.

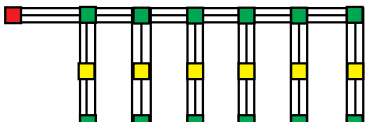
The Comb pattern is the most economical method of installation. Utilising the minimum ducting possible, an economical result is provided.

Junction box
Service outlet unit
Riser bend
End cap

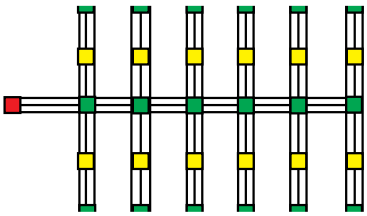
Grid pattern



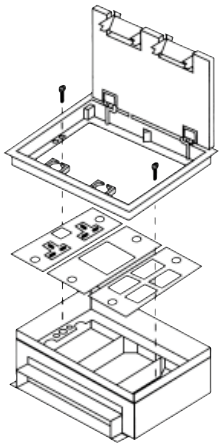
Comb pattern



Fishbone pattern



Mounting of the outlet unit



Underscreed trunking system

1 A complete system of 3 compartment screed trunking 225mm wide x 25/38mm deep for the distribution of power, telephone and computer services, within the floor screed shall be provided in accordance with the layout as shown on the specification/contractor drawings.

2 The trunking shall be galvanised sheet steel formed by 3 x 'U' shaped bodies, minimum thickness 1.0mm, side by side with a large single 'U' shaped cover, minimum thickness 1.2mm span.

3 All junction boxes and service outlets shall be fabricated from galvanised steel with the junction boxes having a top trap and cover manufactured from die-cast aluminium. The service outlet unit shall have a hinged lid assembly with a minimum 4.0mm thickness of steel fitted into the lid section for strength to general office floor loading requirements.

4 Accessories shall consist of junction boxes, outlet units, connectors, rising bends, stop ends and accessory plates for the outlet units. The system shall provide metal jointing connectors with locking screws for grounding purposes.

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UK contact details -

0870 608 8 608

Fax 0870 608 8 606

Ireland contact details -

01 601 2200

Fax 01 601 2201

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Schneider Electric Ltd

United Kingdom
Stafford Park 5,
Telford
Shropshire
TF3 3BL
Tel: 0870 608 8 608
Fax: 0870 608 8 606
www.schneider-electric.com/uk

Ireland
Head office,
Block a
Maynooth Business Campus
Maynooth, Co. Kildare
Tel: (01) 601 2200
Fax: (01) 601 2201
www.schneider-electric.com/ie

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