OptiLine 45

Catalogue 2025



se.com

Schneider Electric

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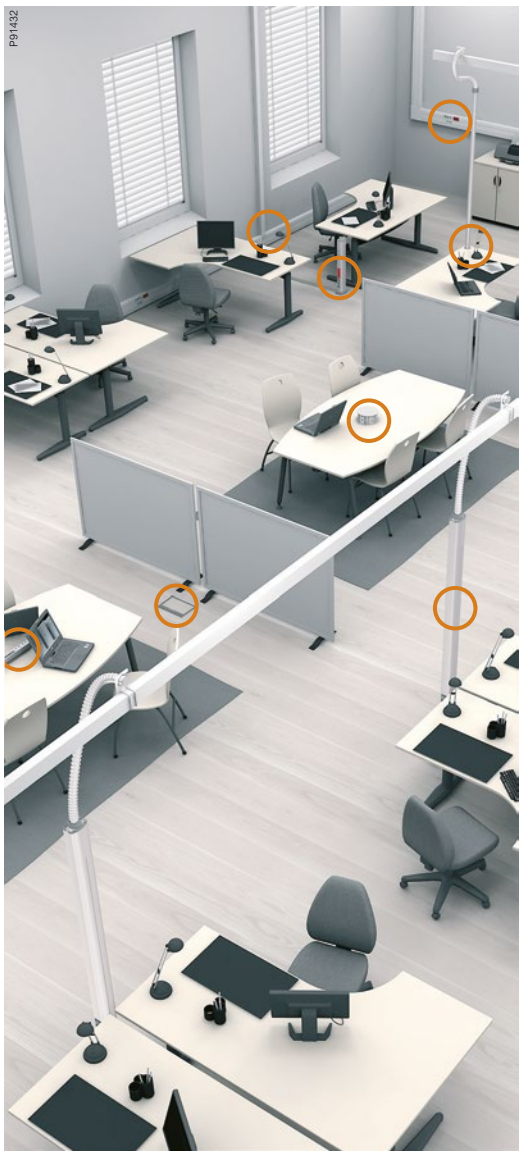
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OptiLine 45

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OptiLine 45

The 45 direct Click-in installation system

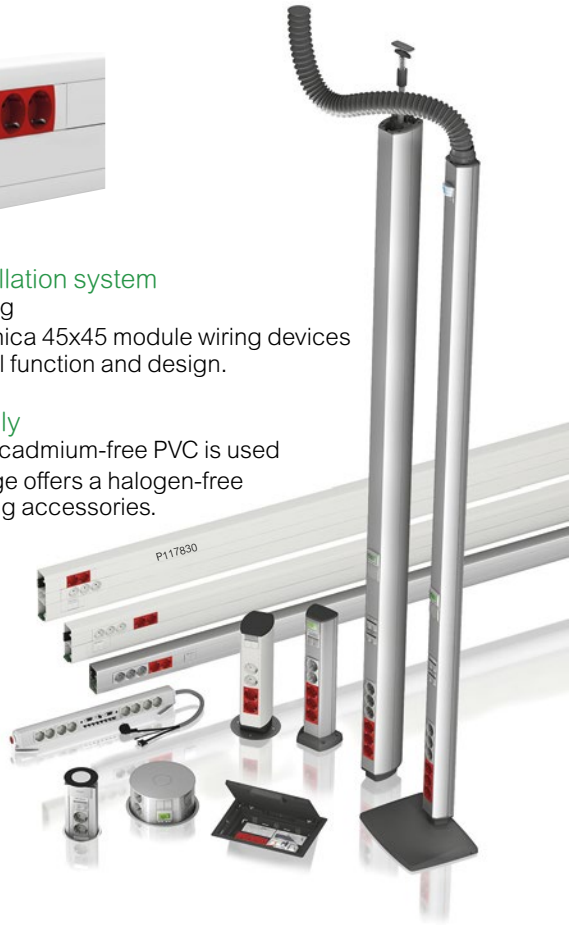


Electrical, telephone and data installations must be easy to install, safe to use and flexible enough to ensure that changes are easy to make. The design of the visible parts must also set the right tone in the office.

OptiLine 45 direct clic-in installation system provide integrated installation solutions for ceilings, walls, floors and desks.

Together with Unica wiring devices, solutions are created that fulfil the most stringent demands for function, design, convenience and safety.





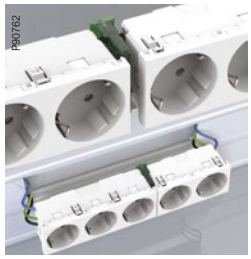
Direct click-in installation system

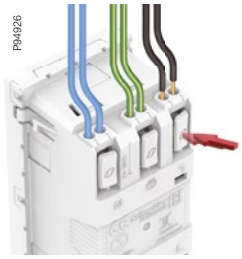
- 45 mm front opening
- Direct click-in of Unica 45x45 module wiring devices which gives optimal function and design.

Environment-friendly

- Only lead-free and cadmium-free PVC is used
- The aluminium range offers a halogen-free alternative, including accessories.







New Unica 45x45 module wiring devices

New Unica is a wiring device series suitable for direct click-in in OptiLine 45 trunking, poles, posts, floor boxes and service boxes.

Range

Unica offers a broad range of socket outlets, switches, VDI outlets and electronic products such as dimmers, movement detectors, thermostats and timers.

Main benefits

- Optional mounting direction for correct user interface in both trunking, poles and posts
- Connection piece for simple interconnection of double and triple outlets without space between
- 45° terminals. Easy to connect even though the outlets are close together
- Dual input and output terminals. For easy loop-through of additional connections such as earthing of trunking.



Trunking

A cost-effective installation with high capacity.

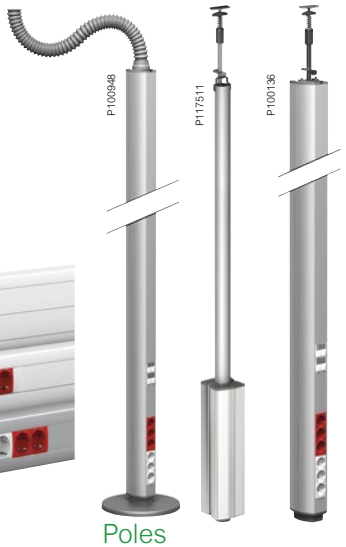
The range

Available in PVC or aluminium with one, two or three compartments.



Main benefits:

- Easy installation without the need of instructions. Accessories are mounted directly without adaptation
- 55 mm depth. High cable capacity and space behind the wiring devices
- Pre-punched slots in the partition walls of the PVC trunking. Easy to make holes or openings to feed cables between the compartments
- Trunking base and cover packed together, but not assembled. Easy handling
- Extra-secure click-in function and front locking clip. Gives improved pull-out force.



Poles

The best solution for a truly flexible office, with power, telecom and data services close to the workplaces. Fed from the ceiling, preferably from connection boxes. Free-standing and movable poles give extra freedom. A pole can be moved within a radius of up to 1.5 metres from the connection point in the ceiling.

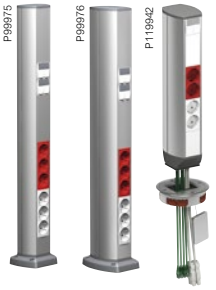
The range

Available in aluminium, free-standing or tension-mounted. One or two-sided, or with four boxes.



Main benefits:

- Design: Aluminium with a high surface finish. Softly rounded and slender form
- Stable, sturdy design. Several parts are cast
- Movable poles have steady feet. The rectangular foot also allows poles to be installed back-to-back or against a wall
- The adjustable ceiling fixing for tension-mounted poles can be fitted easily without tools. Spring-loaded. Total working range of 400 mm
- Cable separation profile gives the correct spacing between VDI and power cables.

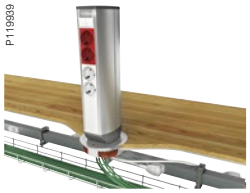


Posts

For power, telecom and data installations close to workplaces, on raised access floors, on screeded floor boxes in concrete floors or on in-cavity floors. Can also be used with other floors, in which case they are supplied via a floor feeder or a floor grommet.

The range

Available in aluminium in one and two-sided versions.



Main benefits:

- Design: Aluminium with a high surface finish. Softly rounded and compact form
- Stable, sturdy design. Several parts are cast.
- Accessories for above-floor supply
- Cable separation profile gives the correct spacing between VDI and power cables.



Service boxes

Flexible solutions for the supply of power, telecom and data to desks in offices and conference rooms. The boxes can also be used as connection points in the ceiling for feeding of poles.



The range

Five box types, all in natural anodised aluminium:

- A six-sided pop-up box, pre-wired with outlets, cable and plug
- A mini pop-up, empty
- A turnable and smoothly rounded one-sided box. Pre-wired with outlets, cables and plugs.
- A one-sided box, empty.
- A flip-up box for flush mounting in desks, empty.

Main benefits:

- The range covers many applications
- Many mounting options including concealed installation
- All products in aluminium and metal – high finish and impact resistant
- Ceiling cable feeder – flexible solution also for movable desks.

OptiLine 45 Trunking
Presentation



Installation trunking with 45 mm front opening for direct click-in of Unica wiring devices

OptiLine 45 trunking are available in lead- and cadmium-free PVC or aluminium with a 45 mm front opening. All trunking are 55 mm deep, which gives a high cable capacity and space for cables behind the wiring devices. One of the main advantages is the easy installation. The design is symmetrical and all accessories are click-in mounted without any need of adaptations. It is also very easy to create cross sectional feeding of the cables in the PVC trunking thanks to the pre-punched slots in the partition walls.

Dedicated installation fixings and an extra-secure click-in function for the front and Unica wiring devices give a very reliable installation.

Also the handling is easy. The trunking base and cover are packed together, but not assembled.

PVC Trunking



75x55
With one compartment

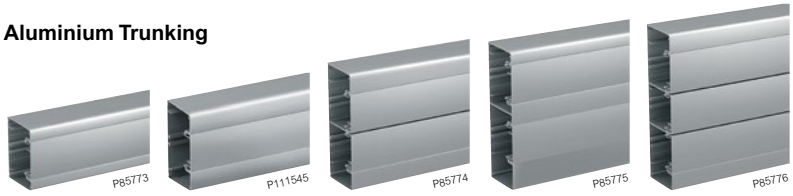
95x55
With one compartment

140x55
With two compartments

165x55
With two compartments, especially intended for VDI installations

185x55
With three compartments

Aluminium Trunking



75x55
With one compartment

95x55
With one compartment

140x55
With one compartment

165x55
With two compartments

185x55
With two compartments

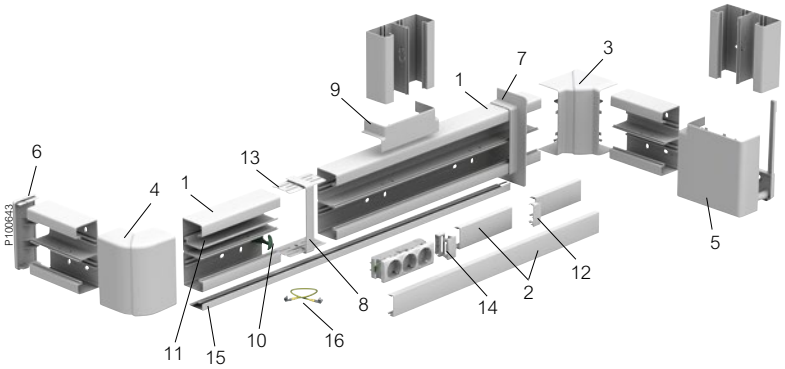


Unica 45x45 module wiring devices

The OptiLine 45 range has a front opening for direct click-in of Unica 45x45 module wiring devices which gives optimal function and design.

Unica offers a broad range of socket outlets, switches, VDI outlets and electronic products such as dimmers, movement detectors, thermostats, timers.

The complete trunking system

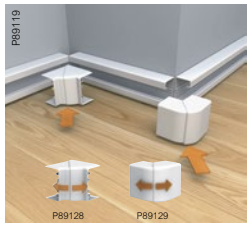


1.Trunking base
2.Front cover
3.Internal corner
4.External corner
5.Bend 90°, incl wall fixing
6.Stop end
7.Wall/ceiling frame
8.Joint cover piece
9.T-piece
10.Cable retainer
11.Cable shelf
12.Joint cover piece for front cover
13.Jointing piece
14.Front locking clip
15.Sealing strip
16.Earthing kit (Aluminium trunking)

OptiLine 45 Trunking
Presentation



Click-in accessories
All accessories are designed for easy click-in mounting without tools.
- Easy installation without instructions
- Mounted directly without adaptations
- Mounted when trunking is in place.



Adjustable corners
The adjustable corners are delivered in one piece.
- Easy and quick to mount
- No adaptations needed.







Pre-punched slots for easy hole making
Pre-punched slots in the PVC partition walls.
- Easy hole making by hand or with a screwdriver
- Allows cross-sectional feeding of cables.

Easy feeding without threading
The pre-punched slots can be cut up with a cutting shears.
- The cables can be laid in without threading
- Very easy to feed cables between the compartments
- Cables and outlets can be separated.



Efficient mounting support
Both PVC and aluminium trunking profiles are prepared for fast, exact and reliable installation.
- Pre-punched oval holes every 25 cm
- Easy to make X and Y adjustments.



Professional tools and fixings
Dedicated tools and fixings for fast and safe installation.
- Extra long drills and bits to avoid damaging the front when using a drilling machine
- Fixings suitable for any material
- Screws for PVC trunking
- Screws to be used together with single-insulated wires.



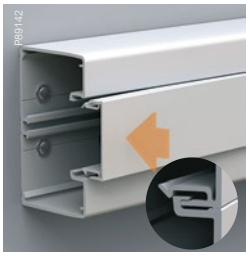


Perfect joints
Two jointing pieces for exact levelling and a click-in joint cover piece to hide the gap
- Perfect joints
- No tools needed
- Joint cover piece in one piece
- The jointing pieces can also be used for joints without joint cover piece.



The cable retainer – a helping hand
The cable retainer keeps all the cables in place in the trunking during the installation.
- Faster installation
- One man can do the work
- Green colour for quick identification
- Can remain in place also after the installation.





Secure front cover
Auto-guided and extra secure click-in for the front. High-quality material.
- Easy to mount also when kneeling
- Works reliably even at low temperatures
- Can not be opened without a tool
- IP40 classified.



Pull-out safe outlets
Extra secure click-in function combined with a front locking clip.
- High pull-out loads on the wiring devices
- Design aligned with Unica.





Protective foil
Protective foil on both sides of the trunking base and on the front cover. The main product references including pictures are printed on the foil.
- No surface damages during the installation
- Easy to order new parts.



Dust protection
A sealing strip can be fitted between the trunking and the floor.
- 5-15 mm coverage
- Easy cleaning
- Solid impression.



Smart package
The trunking base and front covers are packed together, but not assembled.
- Easy handling
- No damages. The covers are protected until final installation.

OptiLine 45 Trunking
Presentation



Three-compartment trunking
The three-compartment trunking allows a dedicated space for the wiring devices.
- Maximum distance between VDI and power cables
- High capacity
- Easy installation.



Symmetrical design
The trunking base is symmetrical and has a softly rounded form.
- Easy and safe mounting
- No risk of installing the trunking upside-down
- The trunking form guides the accessories in place.





55 mm depth
All trunking are 55 mm deep.
- High cable capacity
- Space enough for 3x2.5 mm^2 cables behind the wiring devices.



Perfect bends
The bend kit includes an adjustable fixing device to be screw-fitted to the wall.
- Large tolerances when cutting and fixing the trunking
- Self-guiding mounting of the bend piece
- Perfect result and finish.



High classification
The trunking is IP40 and IK07 classified.
- Safe and impact resistant
- Can not be opened without a tool.

The PVC trunking is fire classified in category M1.



One-compartment trunking
Suitable for both installation and distribution. A cable shelf separates VDI cables from power cables.



Dedicated VDI trunking
A non-symmetrical two-compartment trunking especially intended for VDI installations.
- Extra space for VDI cables in the larger lower compartment
- Long distance between VDI and power cables.

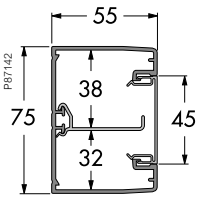


Easy earthing of aluminium trunking
The aluminium trunking base and front cover has easily accessible earthing rails. A pre-mounted earthing kit is available on one reference number.
- Easy to order
- Quick and easy to mount
- Screwless mounting.

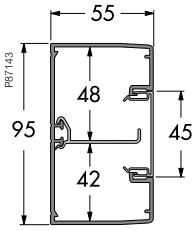


OptiLine 45 Trunking
Dimensions

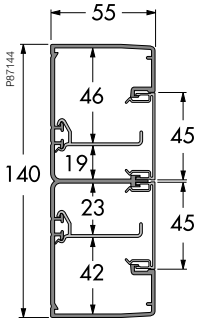
PVC



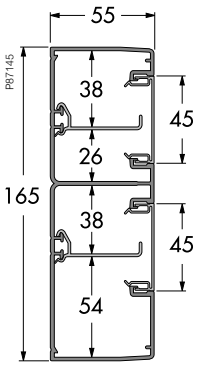
75x55



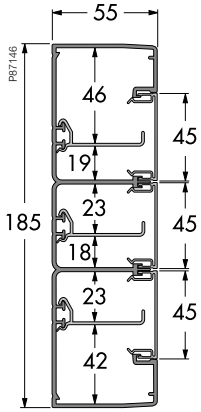
95x55



140x55

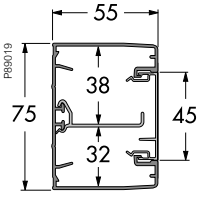


165x55

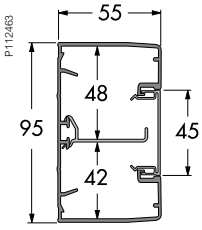


185x55

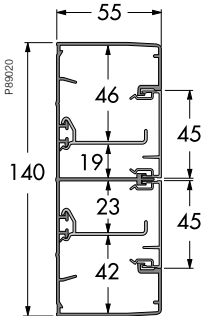
Aluminium Trunking



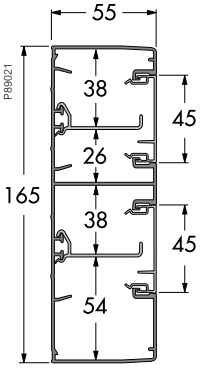
75×55



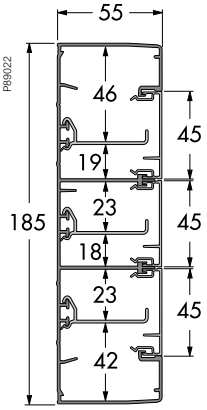
95×55



140×55



165×55



185×55

OptiLine 45 Trunking
Cable capacity

Cable capacity
Installation trunking 75x55 and 95x55 mm

P91130 P91128



75x55 and 95x55 without outlets
If the trunking is used as a feeder trunking please use this guide to calculate the cable capacity.

Com-partment	Fill factor 100% Inner area	50% Inner area
	3508 mm²	1754 mm²
	4505 mm²	2253 mm²

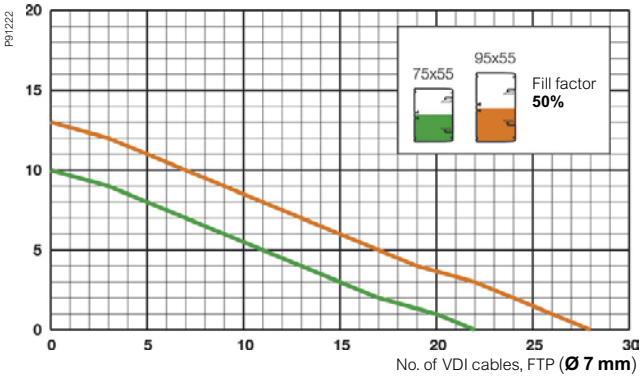
P91131 P91129



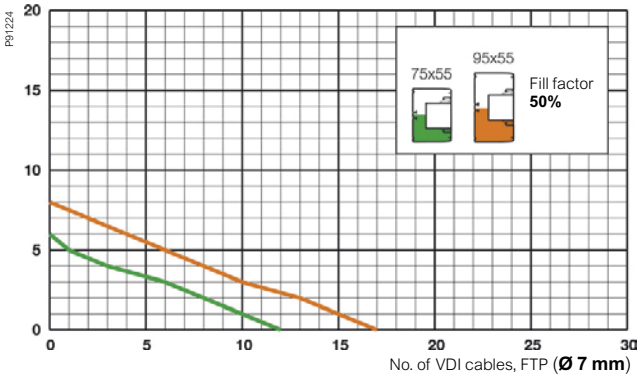
75x55 and 95x55 with Unica outlets
If the trunking is used as an installation trunking please use this guide to calculate the cable capacity.

Com-partment	Fill factor 100% Inner area	50% Inner area
	2385 mm²	1193 mm²
	3382 mm²	1691 mm²

No. of power cables, 3x2.5 mm² (**Ø 12 mm**)



No. of power cables, 3x2.5 mm² (**Ø 12 mm**)



Installation trunking 140x55 mm

P91135



140x55 without outlets
If the trunking is used as a feeder trunking please use this guide to calculate the cable capacity.

Com-partment	Fill factor 100% Inner area	50% Inner area
	3303 mm²	1652 mm²
	3303 mm²	1652 mm²

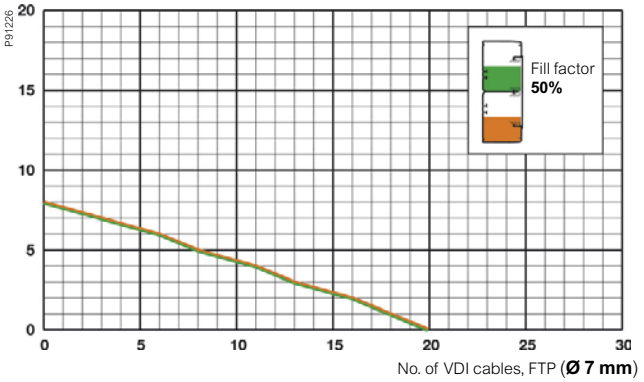
P91204



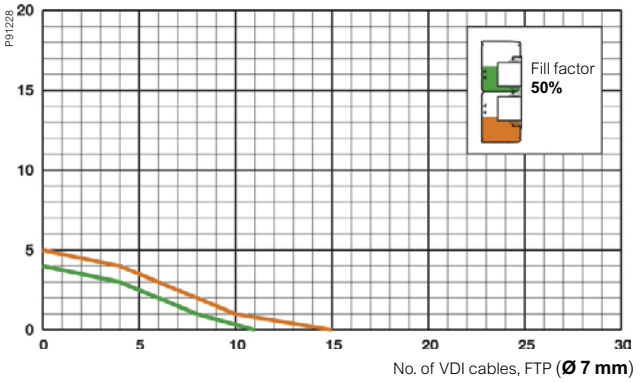
140x55 with Unica outlets
If the trunking is used as an installation trunking please use this guide to calculate the cable capacity.

Com-partment	Fill factor 100% Inner area	50% Inner area
	2180 mm²	1090 mm²
	2180 mm²	1090 mm²

No. of power cables, 3x2.5 mm² (**Ø 12 mm**)



No. of power cables, 3x2.5 mm² (**Ø 12 mm**)



A more detailed calculation can be made in the OptiLine system specification tool.

OptiLine 45 Trunking
Cable capacity

Cable capacity

Installation trunking 165x55 mm



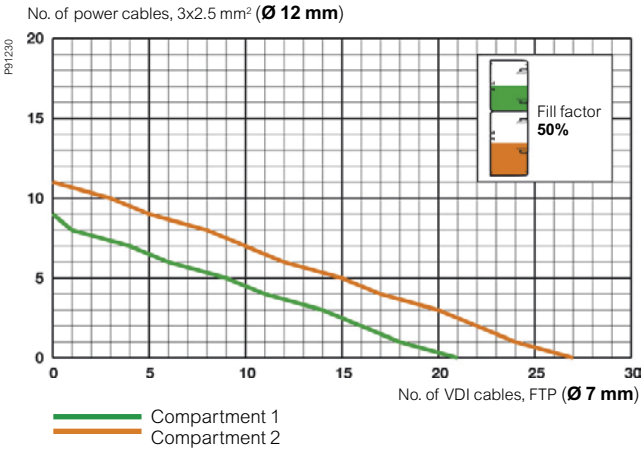
165x55 (VDI) without outlets
If the trunking is used as a feeder trunking please use this guide to calculate the cable capacity.

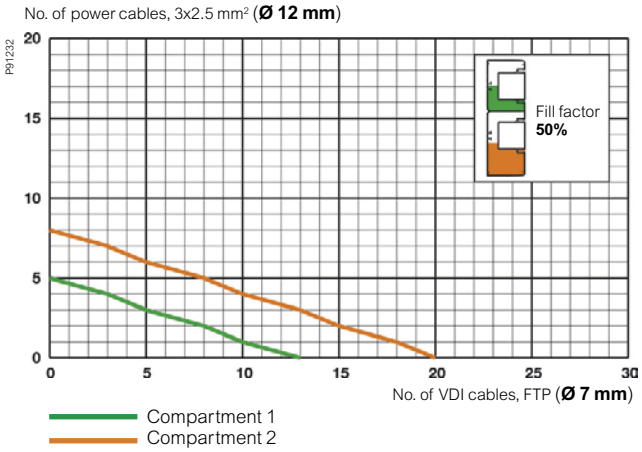
Com-partment	Fill factor 100% Inner area	50% Inner area
	3374 mm²	1687 mm²
	4358 mm²	2179 mm²



165x55 (VDI) with Unica outlets
If the trunking is used as an installation trunking please use this guide to calculate the cable capacity.

Com-partment	Fill factor 100% Inner area	50% Inner area
	2251 mm²	1126 mm²
	3235 mm²	1618 mm²





Installation trunking 185x55 mm



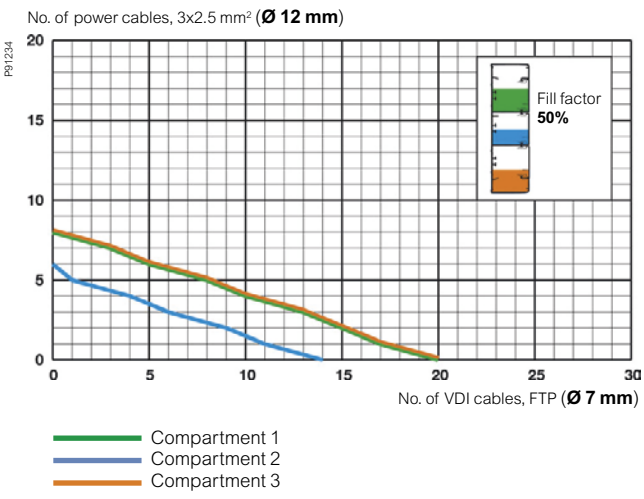
185x55 without outlets
If the trunking is used as a feeder trunking please use this guide to calculate the cable capacity.

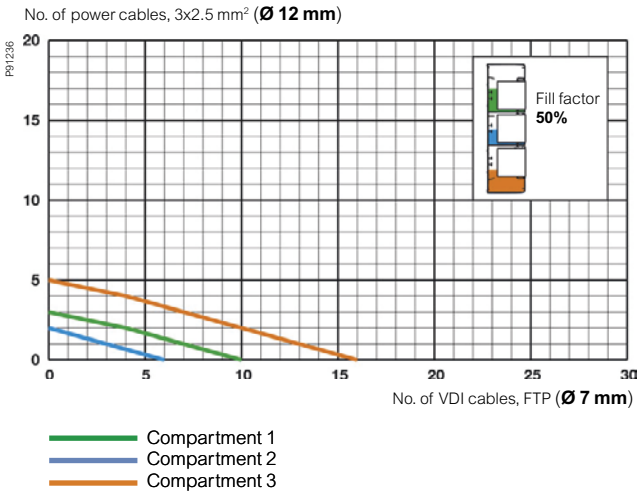
Com-partment	Fill factor 100% Inner area	50% Inner area
	3218 mm²	1609 mm²
	2187 mm²	1094 mm²
	3218 mm²	1609 mm²



185x55 with Unica outlets
If the trunking is used as an installation trunking please use this guide to calculate the cable capacity.

Com-partment	Fill factor 100% Inner area	50% Inner area
	2095 mm²	1048 mm²
	1064 mm²	532 mm²
	2095 mm²	1048 mm²





A more detailed calculation can be made in the OptiLine system specification tool.

OptiLine 45 Trunking
Choice guide

Trunking and accessories

Trunking size		Trunking incl. separate front cover		Internal corner		Bend 90°		Stop end		Wall/ceiling frame		Joint cover piece, kit incl. jointing pieces	
		Ref. No.	Qty in pack	Ref. No	Qty in pack	Ref. No.	Qty pack	Ref. No.	Qty in pack	Ref. No.	Qty in pack	Ref. No.	Qty in pack
PVC													
75x55	P85759	ISM10110P	24 m	–	–	–	–	–	–	–	–	–	–
95x55	P85760	–	–	–	–	–	–	–	–	–	–	–	–
140x55	P88076	ISM10310P	12 m	–	–	–	–	–	–	–	–	–	–
165x55	P85762	–	–	ISM10401P	1	–	–	–	–	–	–	–	–
185x55	P85763	ISM10500P	8 m	ISM10501P	1	ISM10503P	1	ISM10504P	2	ISM10505P	1	ISM10506P	1
Aluminium													
185x55	P85767	ISM10550	6 m	ISM10551	1	–	–	ISM10554	2	–	–	–	–

P=Polar white

OptiLine 45 Trunking
Range

PVC trunking

	Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
	Installation trunking					
	Installation trunking including one-compartment trunking base and front cover. The trunking base has pre-punched mounting holes every 25th cm and can be provided with cable shelves. 45 mm front opening for direct click-in of Unica 45x45 module wiring devices. Trunking base and front cover are supplied unassembled under separate protective foil, in lengths of 2 m. Size 75 mm is also available in lengths of 3 m. Material: PVC.					
P85768 	With one compartment	Polar white	75/55/3000	24 m	3606480681578	ISM10110P
	Installation trunking including two or three-compartment trunking base and front covers. The trunking base has pre-punched mounting holes every 25th cm and can be provided with cable shelves. The integrated partition wall has pre-punched slots every 25th cm to facilitate cable laying. 45 mm front opening for direct click-in of Unica 45x45 module wiring devices. Trunking base and front cover are supplied unassembled under separate protective foil, in lengths of 2 m. Size 140 mm is also available in lengths of 3 m. Material: PVC.					
P85770 	With two compartments	Polar white	140/55/3000	12 m	3606480681752	ISM10310P
P85772 	With three compartments	Polar white	185/55/2000	8 m	3606480681837	ISM10500P

OptiLine 45 Trunking
Range

Accessories for PVC trunking

Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
Internal corner					
Adjustable internal corner for an 80–100 degree angling of PVC trunking. Material: PC/ABS.					
For trunking 165x55	Polar white	174/117/117	1	3606480681776	ISM10401P
For trunking 185x55	Polar white	194/117/117	1	3606480681844	ISM10501P
Bend, 90°, kit					
90 degree bend kit for angling upwards and downwards of PVC trunking. Including bend piece and fixing device to be screw-fitted to the wall. Material: PC/ABS.					
For trunking 185x55	Polar white	212/57/212	1	3606480681868	ISM10503P
Stop end					
Stop end for PVC trunking. Fast fitting with locking clips. Screw-fixing possible for extra security. Package of two. Material: PC/ABS.					
For trunking 185x55	Polar white	189/56/21	2	3606480681875	ISM10504P
Wall/ceiling frame					
Wall/Ceiling frame to be fitted around a PVC trunking at wall or ceiling passage. Easily modified to C or L-profile depending on how the passage is made. Snap-fitted, with a screw-fixing option for high security. Material: PC/ABS.					
For trunking 185x55	Polar white	240/82/22	1	3606480681882	ISM10505P
Joint cover piece, kit					
Joint cover piece, supplied and mounted together with two jointing pieces. Intended to cover joints between two PVC trunking sections. Easy to remove in case of an upgrading of the installation. Material: PC/ABS.					
For trunking 185x55	Polar white	190/57/100	1	3606480681899	ISM10506P

P89067



P85779



P85780

P85781



P85782



OptiLine 45 Trunking
Range

Aluminium trunking

	Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
	Installation trunking					
	Installation trunking including one, two or three-compartment trunking base and front cover(s). The trunking base has pre-punched mounting holes every 25th cm and can be provided with cable shelves. 45 mm front opening for direct click-in of Unica 45x45 module wiring devices. Trunking base and front cover are supplied unassembled under separate protective foil, in lengths of 2 m. Material: Aluminium.					
P85776 	With three compartments	Anodized	185/55/2000	6 m	3606480028328	ISM10550

Accessories for aluminium trunking

	Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
	Internal corner					
	Adjustable internal corner for an 80–100 degree angling of aluminium trunking. Material: PC/ABS, painted.					
P85797 	For trunking 185x55	Alu metallic	194/117/117	1	3606480028335	ISM10551
	Stop end					
P85800 	Stop end for aluminium trunking. Including screw and nut to fix the stop end in the trunking base. Material: PC/ABS, painted.					
	For trunking 185x55	Alu metallic	189/56/21	2	3606480028366	ISM10554

OptiLine 45 Trunking
Range

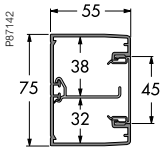
Fixing products

Type	Colour	Dimensions (mm)	Qty per package	EAN code	Ref. No.
Wall plugs					
P1339  Wall plug on sprue plate, suitable for use in concrete, stone, lightweight concrete, expanded clay, hollow bricks, solid bricks and plasterboard. Material: PE-HD.					
TP 2	Red	Ø5.5x35	100	7315881003006	1003003
TP 2B	Brown	Ø8x40	100	7315881005000	1005008
P89050  Same as above but single. Material: PE-HD.					
TP 6	Red	Ø6x30	100	7315881003020	1003020
Nail plugs					
P89051  Nail plug including nail for through installation. Suitable for use in concrete, stone, lightweight concrete, expanded clay, hollow bricks, solid bricks and plasterboard. Material: PA.					
TPS-6/5x35	Clear	Drill Ø6	100	7315881150007	1150002
TPS-6/20x50	Clear	Drill Ø6	100	7315880100027	1150051
Installation screws					
P88052  Screw with large thin head and integrated washer. Phillips cross recess. Twin thread. Fully threaded. Gives very good pressure when fixing plastic trunking. Material: Hardened steel, electroplated.					
TSC-32	—	Ø4.2x25	100	7315883782022	3782020
TSC-33	—	Ø4.2x31	100	7315883782039	3782030
P81315  Screw with raised countersunk head, Phillips cross recess. Fully threaded. Suitable for mounting directly into plasterboard. Material: Steel, electroplated.					
TSF-25	—	Ø4.8x25	100	7315883782428	3782420
TSF-35	—	Ø4.8x35	100	7315883782435	3782430
TSF-45	—	Ø4.8x45	100	7315883782442	3782440
Installation screw with cup washer					
P99119  Screw with cross-slotted head type PH2. Sharp point, fully threaded. High pitch for quick mounting. Provided with a cup washer for screw-head protection. To be used when installing single-insulated wire in the trunking. Material: Hardened steel, electroplated, and PP.					
TFT-IS5x32	—	Ø5x32	100	7332418018203	4020210
Cavity fixings					
P80837  Cavity fixing with metal toggle for high load values. Material: Zinc/Steel.					
TPP-10xM4S	—	Drill Ø10	25	7315881200009	1200005
TPP-13xM5S	—	Drill Ø13	25	7315881200405	1200401
P89047  Cavity fixing for light installations in plasterboard. Board thickness from 9 mm. Screw size 4.5x35. Material: Zinc.					
TPD-Metal	—	Screw size 4.5x35	100	7315880114291	1220104
P91678  Cavity fixing including a 38 mm long screw. The shape of THW prevents it from rotating. No pre-drilling needed, just hammer in. Excellent for porous and thin material. Pull-out load 100 N, safety factor 3, shear load 100N, safety factor 2.5. Board thickness 6-13 mm, max. thickness of fixture 16 mm. Material: Steel, electroplated.					
THW 4.2x38	—	—	50	7315881260171	1260170

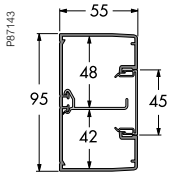
OptiLine 45 Trunking
Technical description

Design and dimensions

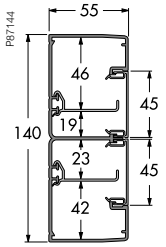
One compartment, symmetrical



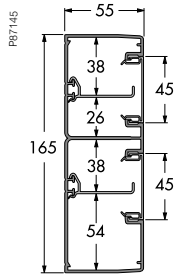
One compartment, symmetrical



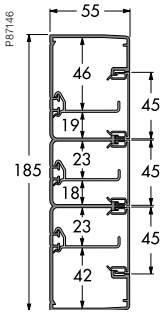
Two compartments, symmetrical



Two compartments, non-symmetrical



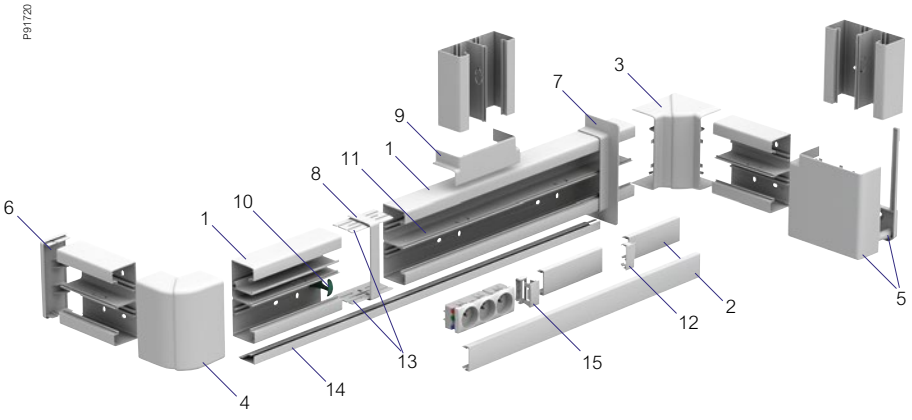
Three compartments, symmetrical



Technical and Material data

PVC (self-extinguishing, lead and cadmium-free)	Fire rating	UL 94 V0 (0.8 mm)
	Colour	Polar white (RAL 9003)
Aluminium	Surface treatment	Natural anodizing
PC/ABS	Fire rating	UL 94 HB
	Colours	• Polar white (RAL 9003) • Aluminium metallic (painted)
PA (polyamide), halogen-free	Fire rating	UL 94 V0
	Colours	• Green • Clear
PC+ASA	Fire rating	UL 94 HB
	Colours	• Polar white (RAL 9003) • Aluminium metallic
PE (polyethylene), halogen-frees	Fire rating	UL 94 HB
	Colours	• Red • Brown • Black
Degree of protection	IP40	
Temperature range	Operating temperature from -25°C to +60°C	
Resistance to impact	PVC trunking	2J (IK07)
	PC/ABS accessories	2J (IK07)
Standards and certificates	The products comply with the standards: • EN 50085-1:2005 • pr EN 50085-2-1:2002 • NFC 68 102:1990 (French national standard)	
	The products satisfy the provisions for CE marking according to the Low Volage Directive 73/23/EEC and 93/68/EEC.	

Exploded view



1. Trunking base
2. Front cover
3. Internal corner
4. External corner
5. Bend, 90°, including wall fixing
6. Stop end
7. Wall/Ceiling frame
8. Joint cover piece
9. T-piece
10. Cable retainer
11. Cable shelf
12. Joint cover piece for front cover
13. Jointing pieces
14. Sealing strip
15. Front locking clip

OptiLine 45 Poles
Presentation







Unica 45x45 module wiring devices
The OptiLine 45 range has a front opening for direct click-in of Unica 45x45 module wiring devices which gives optimal function and design.
Unica offers a broad range of socket outlets, switches, VDI outlets and electronic products such as dimmers, movement detectors, thermostats, timers.

Service poles with 45 mm front opening for direct click-in of Unica wiring devices

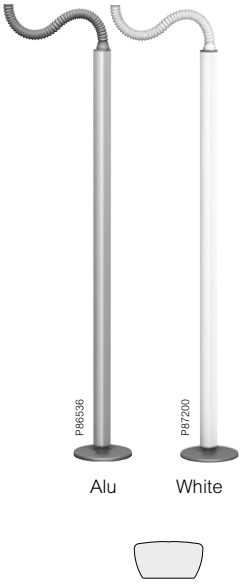
OptiLine 45 service poles with a 45 mm front opening offer very flexible installation solutions, bringing power, telecom and data directly from the ceiling to the desk.

The poles have a softly rounded and slender form and are made of aluminium with a high surface finish, either natural anodised or powder coated white. They are installed free-standing in the room mounted on a foot and movable within a radius of up to 1.5 metres from the connection point in the ceiling, or tension-mounted between floor and ceiling. Both types are available in one and two-sided versions, or with four boxes.

The spring-loaded and adjustable ceiling fixing for tension-mounted poles can be fitted easily without tools.

One-sided poles

Free-standing

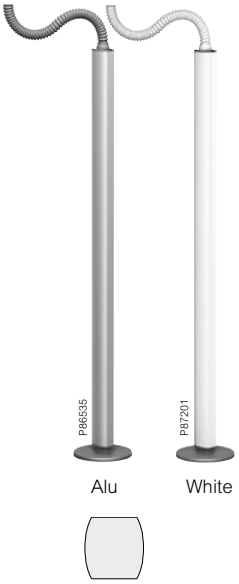


Tension-mounted



Two-sided poles

Free-standing



Tension-mounted

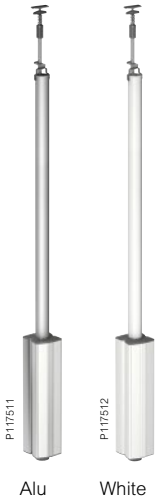


With boxes

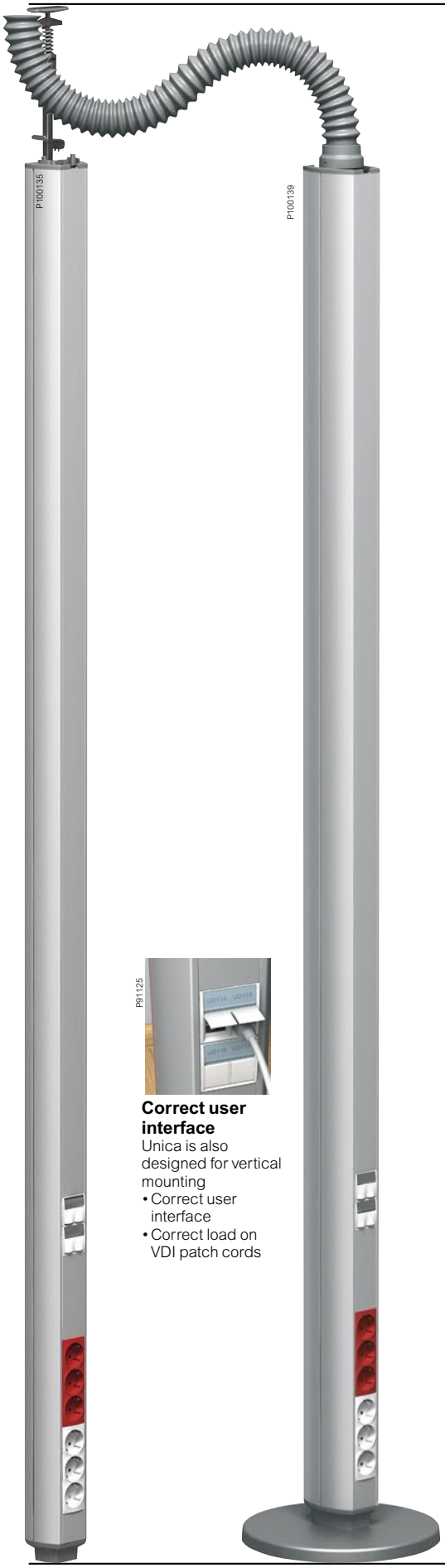
Free-standing



Tension-mounted



OptiLine 45 Poles
Presentation

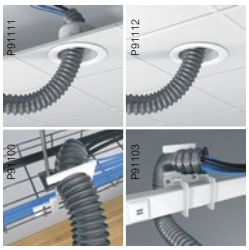


Correct user interface
Unica is also designed for vertical mounting
- Correct user interface
- Correct load on VDI patch cords

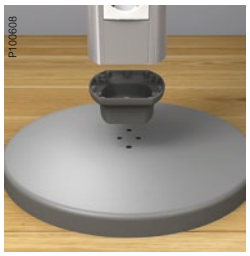


Design, finish and quality
All OptiLine poles are made of aluminium, anodized or powder coated, with a high surface finish. The form is softly rounded and slendered. All parts are designed to give reliable function and easy installation.





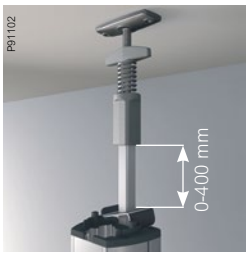
Many mounting options
Accessories for all mounting options. The ceiling frame for the flexible conduit is mounted without a tool and can be adjusted to different ceiling thicknesses.



Stable and sturdy
All parts in aluminium, several are die-cast. Foot in sand-cast iron.
- Stable and sturdy design
- Reliable function
- High-quality impression.



Innovative square foot
The foot has a steel clamp that can be unfolded for extra support.
- Steady
- Nice installation close to the wall
- Two poles can be placed back to back.



Handy ceiling fixing
Fitted easily without tools. Self-locking adjustment.
- Quick and safe installation
- 400 mm working range
- Mechanism outside the pole – does not interfere with the wiring devices.



Cable separation
Partition profile for good separation of cables.
- Correct distance between VDI and power cables
- Full isolation between terminations and cables.



Screw slots
Slots along both sides of the pole.
- For decorative colour strips
- For products like spotlights, small shelves etc.

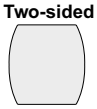
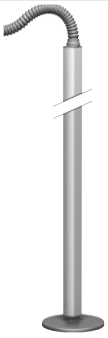


Flexibility
The movable pole has a steady foot and a flexible conduit.
- Easy to move the poles to optimize the office layout
- 1.5 m action radius.

Smooth stop-end
Stop end in cast aluminium with smoothly shaped edges.
- Covers the sharp cut of the base profile
- No risk of damaged cables.



Quantity per pack: 1

						 **Cable tray fixing**
Tension-mounted			**Height mm**	**Anodized aluminium**	**Polar white**	
	**One-sided** 		2700-3100 3100-3500 3500-3900 3900-4300	ISM20120		
		Two-sided 	2700-3100 3100-3500 3500-3900 3900-4300	ISM20110 ISM20122	ISM20123P	
Tension-mounted with installation boxes			**Height mm**	Anodized aluminium	Polar white	
			2700-3100 3100-3500 3500-3900	ISM20142		ISM20554
Free-standing			**Height mm**	**Anodized aluminium**	**Polar white**	
	**One-sided** 		2150 2450 2900		ISM20113P	
		Two-sided 	2150 2450 2900	ISM20116 ISM20118	ISM20117P	

OptiLine 45 Poles
Range

Poles, empty



Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
Pole, tension-mounted					
Empty pole for tension mounting between floor and ceiling, one-sided or two-sided. Including front cover, ceiling fixing, ceiling frame, stop end, strain relief, partition profile, floor fixing plate, earthing kit and mounting instruction. Adjustability of ceiling fixing 400 mm. Unearthed. Supplied without service content or cables. 45 mm front opening for direct click-in of Unica 45x45 module wiring devices. Material: Aluminium, natural anodized or powder coated white.					
One-sided, 3.9-4.3 m	Anodized	4300/68/89	1	3606480317262	ISM20120
Two-sided, 3.5-3.9 m	Anodized	3900/116/90	1	3606480029660	ISM20110
Two-sided, 3.9-4.3 m	Anodized Polar white	4300/116/90	1	3606480317286 3606480682087	ISM20122 ISM20123P

P117511
P117512



Pole, tension-mounted, with installation boxes					
Empty pole for tension mounting between floor and ceiling, provided with four installation boxes. Installation box height 558 mm. Including white plastic front cover, ceiling fixing, ceiling frame, stop end, floor fixing, floor fixing plate (zinc), earthing cable and mounting instruction. Adjustability of ceiling fixing 400 mm. Unearthed. Supplied without service content or cables. 45 mm front opening for direct click-in of Unica 45x45 module wiring devices. Material: Aluminium, natural anodized or powder coated white.					
3.1-3.5 m	Anodized	3100-3500/149/140	1	3606480317361	ISM20142



Pole, free-standing					
Empty, free-standing and movable pole, one-sided or two-sided. Including front cover, flexible conduit with adaptor, strain relief, partition profile, earthing kit and mounting instruction. Unearthed. Supplied without service content or cables. 45 mm front opening for direct click-in of Unica 45x45 module wiring devices. Length of flexible conduit 2 m, action radius 1.5 m from the connection point in the ceiling. Foot to be ordered separately. Material: Aluminium, natural anodized or powder coated white.					
One-sided, 2.45 m	Polar white	2450+2000/68/89	1	3606480682032	ISM20113P
Two-sided, 2.45 m	Anodized Polar white	2450+2000/116/90	1	3606480029721 3606480682056	ISM20116 ISM20117P
Two-sided, 2.9 m	Anodized	2900+2000/116/90	1	3606480029745	ISM20118

OptiLine 45 Poles
Range

Pre-wired Poles

One-sided Pole

Free-standing and movable service pole, one-sided. Pre-wired, configured with 3 x double outlets, side-earthed, with cable, and 2 x Cat 6 UTP with cable. Including front cover, flexible conduit with adaptor, strain relief and mounting instruction. Length of flexible conduit 2.0 m, action radius 1.5 m from the connection point in the ceiling. Earthed. Foot to be ordered separately.
External cables: one unshielded 3 x 1.5 mm² cable with side-earthed plug, 2.0 m free length, and two Cat 6 UTP data cables with
RJ45 plugs, 6.0 m free length.

P135068
P140080



One-sided Pole 2 x Cat 6 UTP	White	Aluminum	2150+2000/68/89	1	ISM22204
	Anodized	Aluminum	2150+2000/68/89	1	ISM22205

Free-standing and movable service pole, one-sided. Pre-wired, configured with 3 x double outlets, side-earthed, with cable, and 2 x Cat 6A S/FTP with cable. Including front cover, flexible conduit with adaptor, strain relief and mounting instruction. Length of flexible conduit 2.0 m, action radius 1.5 m from the connection point in the ceiling. Earthed. Foot to be ordered separately.
External cables: one unshielded 3 x 1.5 mm² cable with side-earthed plug, 2.0 m free length, and two Cat 6A S/FTP data cables with RJ45 plugs, 6.0 m free length.

One-sided Pole 2 x Cat 6A S/FTP	White	Aluminum	2150+2000/68/89	1	ISM22206
	Anodized	Aluminum	2150+2000/68/89	1	ISM22207

Two-sided Pole

Free-standing and movable service pole, two-sided. Pre-wired, each side configured with 3 x double outlets, side-earthed, with cable, and 2 x Cat 6 UTP with cable. Including front cover, flexible conduit with adaptor, strain relief and mounting instruction. Length of flexible conduit 2.0 m, action radius 1.5 m from the connection point in the ceiling. Earthed. Foot to be ordered separately.
External cables: one unshielded 3 x 1.5 mm² cable with side-earthed plug, 2.0 m free length, and four Cat 6 UTP data cables with
RJ45 plugs, 6.0 m free length.

P140082
P135061



Two-sided Pole 2 x Cat 6 UTP	White	Aluminum	2150+2000/116/90	1	ISM22208
	Anodized	Aluminum	2150+2000/116/90	1	ISM22209

Free-standing and movable service pole, two-sided. Pre-wired, each side configured with 3 x double outlets, side-earthed, with cable, and 2 x Cat 6A S/FTP with cable. Including front cover, flexible conduit with adaptor, strain relief and mounting instruction. Length of flexible conduit 2.0 m, action radius 1.5 m from the connection point in the ceiling. Earthed. Foot to be ordered separately.
External cables: one unshielded 3 x 1.5 mm² cable with side-earthed plug, 2.0 m free length, and four Cat 6A S/FTP data cables with RJ45 plugs, 6.0 m free length.

Two-sided Pole 2 x Cat 6A S/FTP	White	Aluminum	2150+2000/116/90	1	ISM22210
	Anodized	Aluminum	2150+2000/116/90	1	ISM22211

One-sided Pole



Free-standing and movable service pole, one-sided. Pre-wired, configured with 3 x double outlets, side-earthed, with cable, and two blind covers 45 x 45. Including front cover, flexible conduit with adaptor, strain relief and mounting instruction. Length of flexible conduit 2.0 m, action radius 1.5 m from the connection point in the ceiling. Earthed. Foot to be ordered separately.
External cables: one unshielded 3 x 1.5 mm² cable with side-earthed plug, 2.0 m free length.

One-sided Pole	White	Aluminum	2150+2000/68/89	1	ISM22240P
	Anthracite	Aluminum	2150+2000/68/89	1	ISM22241

OptiLine 45 Poles
Range

Pre-wired Poles



Two-sided Pole

Free-standing and movable service pole, two-sided. Pre-wired, each side configured with 3 x double outlets, side-earthed, with cable, and two blind covers 45 x 45. Including front cover, flexible conduit with adaptor, strain relief and mounting instruction. Length of flexible conduit 2.0 m, action radius 1.5 m from the connection point in the ceiling. Earthed. Foot to be ordered separately.
External cables: one unshielded 3 x 1.5 mm² cable with side-earthed plug, 2.0 m free length.

Two-sided Pole	White	Aluminum	2150+2000/116/90	1	ISM22244P
	Anthracite	Aluminum	2150+2000/116/90	1	ISM22245



Wall-mounted Pole

Service pole intended for wall mounting. Pre-wired, configured with 3 x double outlets, side-earthed, with cable, and two blind covers 45 x 45. Including front cover, wall and floor brackets, strain relief and mounting instruction.
External cables: one unshielded 3 x 1.5 mm² cable with side-earthed plug, 2.0 m free length.

Wall-mounted Pole	White	Aluminum	2700+2000/116/90	1	ISM22242P
	Anthracite	Aluminum	2700+2000/116/90	1	ISM22243

Accessories for poles

P86523



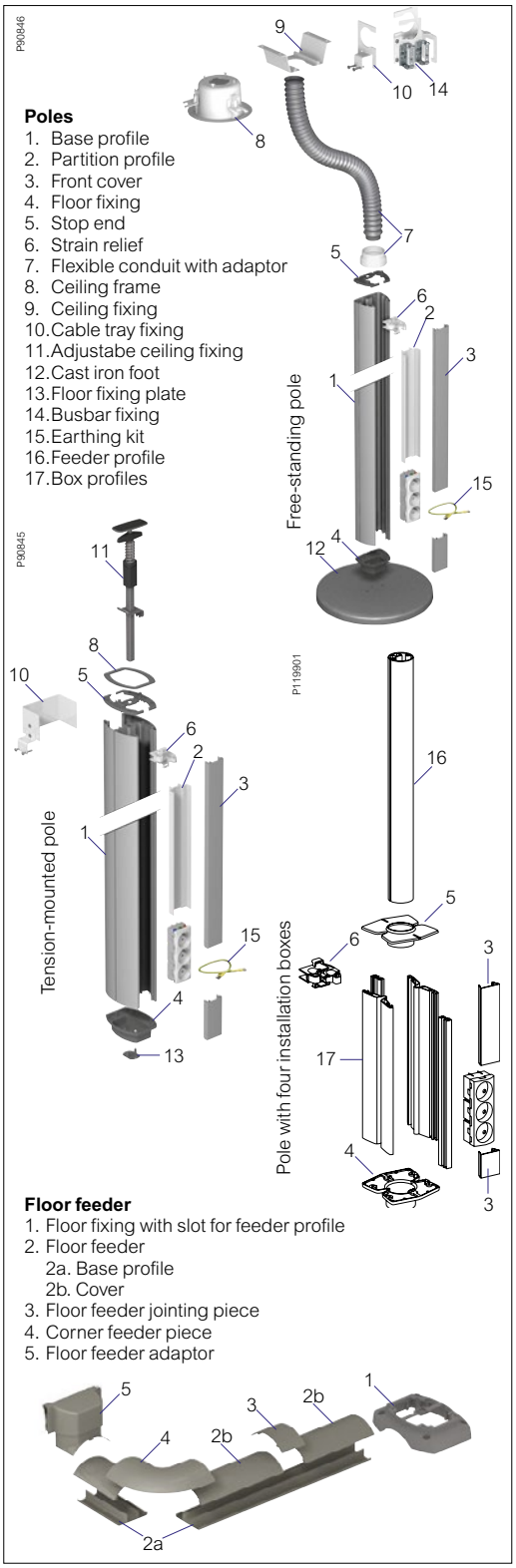
Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
Floor feeder					
Floor feeder made up by a base part with three compartments and a cover. Supplied in lengths of 2 m. To be used for feeding along the floor to a pole provided with a slotted floor fixing for 18x75 mm floor feeder. Material: PVC.					
Floor feeder	Grey	18/75/2000	28 m	3606480030673	ISM20817

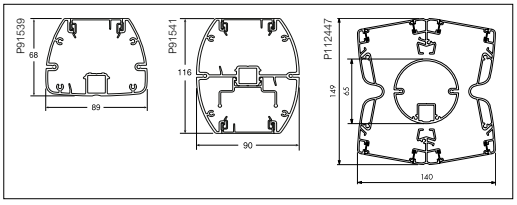
Comp.	Max. Ø mm	Cross section area mm²	Cable capacity (*) mm² 40%	50%	60%	
One-sided pole						P89032
1	41	4220	1688	2110	2532	
One-sided pole with partition profile						P89031
1	39	1799	720	900	1079	
2	15	1106	442	553	663	
Two-sided pole without and with partition profile						P89033
1	41	3747	1499	1874	2248	
2	16	871	348	435	523	
3	39	1799	720	900	1079	
Pole with four boxes						P112436
1	75	13966	5586	6983	8379	
Pole profile for pole with four boxes						P112448
2	43	2535	1014	1267	1521	

(*) We recommend a 40% utilization of the cable capacity.

OptiLine 45 Poles
Technical description

Exploded views





Technical and Material data

Aluminium, extruded	Specification	EN-AW-6063
	Surface treatment	Natural anodzing or powder coating
	Colour	Polar white (RAL 9003)
Aluminium, die cast	Surface treatment	Powder coating
	Colour	Grey (RAL 9007)
Cast iron	Surface treatment	Coated with clear varnish
Zinc	Surface treatment	Untreated
PC/ABS	Fire rating	UL 94 HB
	Colour	White
PS (Polystyrene)	Colour	Polar white (RAL 9003)
	Other info	Halogen-free
PVC	Colour	Grey (RAL 7030)
PC+ASA	Fire rating	UL 94 HB
	Colour	Polar white (RAL 9003)
Steel	Specification	SS 1142
	Surface treatment	Powder coating
Silicone rubber	Colour	• Grey • Orange • Polar white

Design and dimensions

	A Total height	B Height without ceiling fixing
Tension-mounted poles		
P112455 Tension-mounted poles, one-sided and two-sided	Min. 2700 mm Max. 3100 mm	2540 mm
	Min. 3100 mm Max. 3500 mm	2940 mm
	Min. 3500 mm Max. 3900 mm	3340 mm
	Min. 3900 mm Max. 4300 mmm	3740 mm
Tension-mounted poles with boxes		
P112456 Tension-mounted poles with four installation boxes	Min. 2700 mm Max. 3100 mm	2510 mm
	Min. 3100 mm Max. 3500 mm	2910 mm
	Min. 3500 mm Max. 3900 mm	3310 mm
Free-standing poles		
	A Total height of pole	B Length of flex. conduit
P112449 Free-standing poles, one-sided and two-sided	2150 mm	2000 mm
	2450 mm	2000 mm
	2900 mm	2000 mm
Free-standing poles with boxes		
P112450 Free-standing poles with one, two and four boxes	2150 mm	2000 mm
	2450 mm	2000 mm
	2900 mm	2000 mm

OptiLine 45 Posts
Presentation



Service posts with 45 mm front opening for direct click-in of Unica wiring devices

OptiLine 45 service posts with a 45 mm front opening give a neat installation solution on all types of floors.

The posts have a softly rounded and compact form and are made of aluminium with a high surface finish, either natural anodised or powder coated white. They are available in one and two-sided versions.

On raised access floors and in-cavity floors the posts are fed from under the floor. On concrete floors the feeding comes from a screeded floor box. For other floors a floor feeder is available as an accessory.





Unica 45x45 module wiring devices

The OptiLine 45 range has a front opening for direct click-in of Unica 45x45 module wiring devices which gives optimal function and design.

Unica offers a broad range of socket outlets, switches, VDI outlets and electronic products such as dimmers, movement detectors, thermostats, timers.

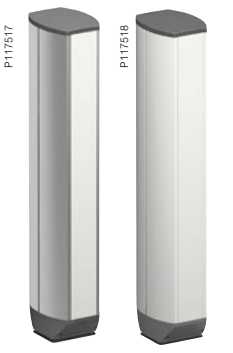
One-sided posts



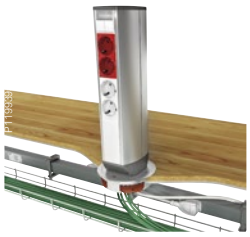
Two-sided posts



Two-sided posts for floor grommet



OptiLine 45 Posts
Presentation



Full flexibility
For a truly flexible solution, go for our two-sided outlet post with a special fixing for the floor grommet. Canalis busbar trunking and mesh trays distribute power and networks under the floor and further up to the post through the floor grommet. The floor grommet suits any type of floor and can be installed where required. Should needs be changed, just remove the post, put the cover back, install a new grommet and move the post to where it is needed.



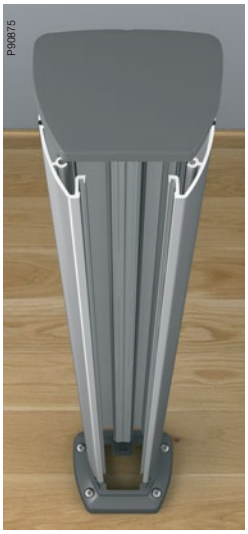
Tube adaptor
With a tube adaptor in the floor grommet you can supply power and data to a furniture box instead.



Stable and tight
When not in use the centre cover makes the floor grommet tight, withstanding both water and high loads.



Design, finish and quality
All OptiLine posts are made of aluminium, anodized or powder coated, with a high surface finish. The form is softly rounded and slendered. All parts are designed to give reliable function and easy installation.



Stable and sturdy
All parts in aluminium, several are die-cast.
- Stable and sturdy design
- Reliable function
- High-quality impression





Feeding along/under the floor
Posts could be fed from the floor or along the floor
- Floor fixing for feeding from the floor as a standard
- Floor fixing with slot for floor feeder as an accessory



Feeding from trunking
The post can be fed from a wall trunking.
- Easy and fast installation
- Floor feeder adaptor with adjustable height



Screw slots
Slots along both sides of the post
- For decorative colour strips
- For products like hooks etc.



Cable separation
Partition profile for good separation of cables.
- Correct distance between VDI and power cables
- Full isolation between wiring device terminations and cables

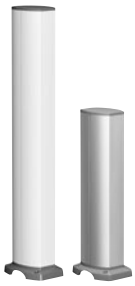


Wet sealing
The floor fixing ca be provided with a gasket ring.
- Gasket ring included in the package
- Effective wet sealing
- Stable mounting also on slightly uneven floors



Correct user interface
Unica 45x45 modules are designed also for vertical mounting
- Correct user interface
- Correct load on VDI patch cords

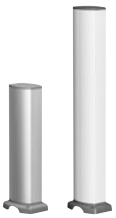
OptiLine 45 Posts
Choice guide

Posts					
	One-sided	**Two-sided**	**Colour**	**Height mm**	**Ref. No.**
With slotted floor fixing 			Anodized aluminium	700	ISM20207

OptiLine 45 Posts
Range

Posts

P104044
P104043



Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
Post with slotted floor fixing					
Empty, free-standing, one or two-sided post mounted on a floor fixing. Including front cover, floor fixing with slot 18x75 mm, stop end, strain relief, partition profile, earthing kit and mounting instruction. Floor fixing provided with gasket ring. Unearthed. Supplied without service content and cables. 45 mm front opening for direct click-in of Unica 45x45 module wiring devices. Material: Aluminum, natural anodized or powder coated white.					
Two-sided For up to twelve 45x45 module wiring devices on each side	Anodized	700/116/90	1	3606480027505	ISM20207

Pre-wired Posts

P111188



Type	Colour	Material	Dimensions A/B/C (mm)	Qty per package	Ref. No.
One-sided Post					
One-sided Post mounted on a floor fixing. Pre-wired, configured with 3 x double socket outlets, side-earthed, with cable, and 2 x Cat 6 UTP with cable. Including stop end and mounting instruction. Floor fixing provided with gasket ring. Earthed. External cables: one unshielded 3 x 1.5 mm^2 cable with side-earthed plug, 2.5 m free length, and two Cat 6 UTP data cables with RJ45 plugs, 9.0 m free length.					
One-sided Post 2 x Cat 6 UTP	White	Aluminum	600/68/89	1	ISM22200

Accessories for posts

P86523



Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
Floor feeder, PVC					
Floor feeder made up by a base part with three compartments and a cover. Supplied in lengths of 2 m. To be used for feeding along the floor to a post provided with a slotted floor fixing for 18x75 mm floor feeder. Material: PVC.					
Floor feeder	Grey	18/75/2000	28 m	3606480030673	ISM20817

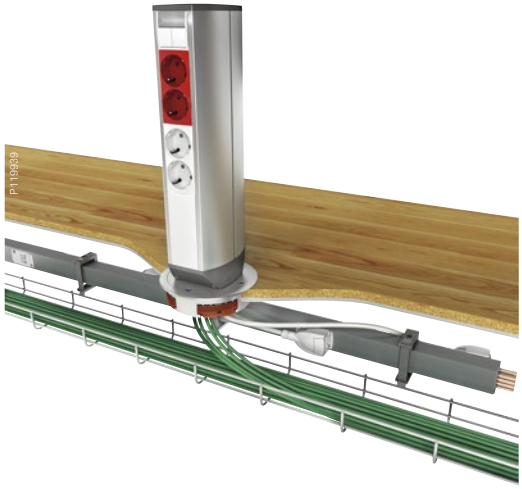
P103324



Floor grommet					
Grommet for floor applications, intended to suit a special version of the two-sided post. Including trim frame with fixing devices, two-part cover and sealing foam for protection from dust and wet floor-cleaning. The cover has the function of a water-tight blank plate when no post has been installed. When installing a post, the removed part of the cover remains in the grommet, secured by a strap. Hole diameter 127 mm. Material: Zinc, chromium plated.					
Floor grommet	—	38/Ø147	1	3606480160769	INS40550

OptiLine 45 Posts
Technical description



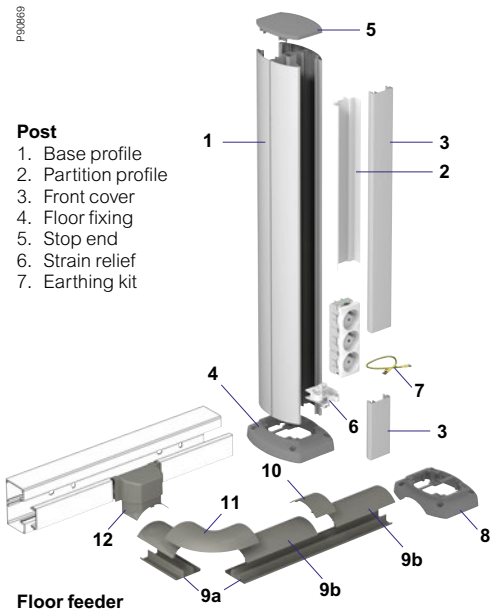


Technical and Material data

Aluminium, extruded	Specification	EN-AW-6063
	Surface treatment	Natural anodzing or powder coating
	Colour	Polar white (RAL 9003)
Aluminium, die cast	Surface treatment	Powder coating
	Colour	Grey (RAL 9007)
PVC	Colour	Grey (RAL 7030)
PC/ABS	Fire rating	UL 94 HB
	Colour	• Polar white (RAL 9003) • Aluminium metallic (painted)
PC+ASA	Fire rating	UL 94 HB
	Colour	• Polar white (RAL 9003) • Aluminium metallic
Steel	Specification	SS 1142
Silicone rubber	Colour	• Grey • Orange • Polar white
Degree of protection	IP30	
Temperature range	Operating temperature from -25°C to +60°C	
Standards and certificates	The products comply with the standards: • EN 50085-1 : 2005 • NFC 68 102 (French national standard)	
	The products satisfy the provisions for CE marking accord- ing to the Low Voltage Directive 73/23/ EEC and 93/68/EEC.	

OptiLine 45 Posts
Technical description

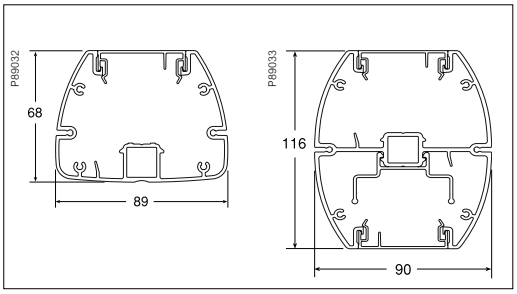
Exploded view



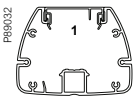
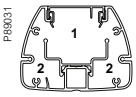
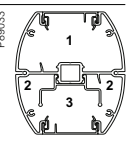
Post
1. Base profile
2. Partition profile
3. Front cover
4. Floor fixing
5. Stop end
6. Strain relief
7. Earthing kit

Floor feeder
8. Floor fixing with slot for feeder profile
9. Floor feeder
   9a. Base profile
   9b. Cover
10. Floor feeder jointing piece
11. Corner feeder piece
12. Floor feeder adaptor

Design and dimensions



Cable capacity

Comp.	Max Ø mm	Cross section area mm²	Cable capacity*) mm² 40%	50%	60%	
One-sided post						P89032 
1	41	4220	1688	2110	2532	
One-sided post with partition profile						P89031 
1	39	1799	720	900	1079	
2	15	1106	442	553	663	
Two-sided post without and with partition profile						P89033 
1	41	3747	1499	1874	2248	
2	16	871	348	435	523	
3	39	1799	720	900	1079	

*) We recommend a 40% utilization of the cable capacity.

OptiLine 45 Service boxes
Presentation



Service boxes with 45 mm front opening for direct click-in of Unica wiring devices

OptiLine 45 service boxes provide flexible solutions for the supply of power, telecom and data to desks in offices and conference rooms. The basic boxes can also be used as access points in the ceiling for feeding of poles.

Three box types are included in the offer:

- A six-sided pop-up box, pre-wired with outlets, cable and plug.
- A mini pop-up box, empty for three modules, with strain relief.
- A flip-up box, empty for five modules. For flush-mounting in desks. Fixing elements, earthing cable and strain relief included.
- A turnable and smoothly rounded one-sided box. Pre-wired with outlets, cables and plugs.
- A one-sided basic box.

All boxes are made in natural anodised aluminium with a high finish. Many boxes are delivered pre-wired for easy ordering and quick installation.

The pop-up box and the turnable boxes offer unique user advantages in terms of design and accessibility.



Pop-up service box



Mini pop-up service boxes



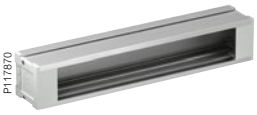
Flip-up service boxes



Unica 45x45 module wiring devices

The OptiLine 45 range has a front opening for direct click-in of Unica 45x45 module wiring devices which gives optimal function and design.

Unica offers a broad range of socket outlets, switches, VDI outlets and electronic products such as dimmers, movement detectors, thermostats, timers.







Basic service boxes

OptiLine 45 Service boxes
Presentation



Flip-up and Pop-up

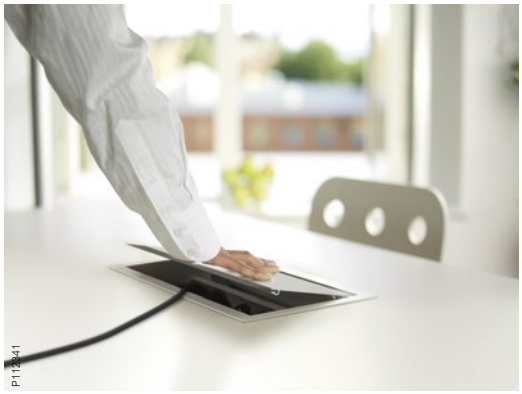


Pop-up
Large-capacity box, 6-sided. A light touch activates a gas-operated spring that slowly pushes the box up into working position.



Mini pop-up
A manual pop-up box with a smart membrane on top, enabling the box to be pushed down flush with the desk surface also with connected cables and plugs.





Flip-up



Flip-up
Flush-mounted box with a spring-loaded cover that is opened by a light touch. A cable basket is easily mounted under the box.



Surface mounted





Surface mounted boxes for every need
Universal boxes with smart fixing devices. Can be fixed to a desk, to a wall or to cable trays.

OptiLine 45 Service boxes
Range

Basic desk units

Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
Basic desk unit, empty					
One-sided desk unit, empty. Including base profile, stop ends, earthing cable and screws. Material: Aluminium, natural anodized.					
3 modules	Anodized	60/60/195	1	3606480273865	ISM20420
4 modules	Anodized	60/60/240	1	3606480273872	ISM20421
5 modules	Anodized	60/60/285	1	3606480273889	ISM20422
6 modules	Anodized	60/60/330	1	3606480273896	ISM20423
8 modules	Anodized	60/60/420	1	3606480273902	ISM20424

P117867 P117868 P117869 P117870 P117871



Flush-mounted desk unit

Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
Desk unit with flip lid					
Flush-mounted desk unit provided with a flip lid. Empty, intended for 12 modules (12x22.5 mm). To be mounted in a desk-top. Fixing elements, earthing cable, strain relief and mounting instruction included. Thickness of desk-top: 10-40 mm, hole dimensions: 142x295 mm. Material: Aluminium, steel, powder coated.					
Desk unit with flip lid	Grey	105/160/305	1	3606480317507	ISM20410

P117515



Manual pop-up desk units, empty

Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
Pop-up desk unit, empty					
Pop-up desk unit, one-sided, manual. Including earthing cable, strain relief and mounting instruction. When inactive, the pop-up unit is flush with the desk-top. By a light pressure on the top, the unit can be lifted up from the desk surface. When not in use, it is easily pressed back to the flush position. Ordinary power and data plugs can remain in the outlets also in the flush position, since the cover is provided with a soft rubber membrane that allows the cables to exit in any direction (360°). Hole dimension: diam 100 mm. Material: Aluminium, anodized.					
Manual pop-up box, 6-module*	Anodized	252/112/-	1	3606480317484	ISM20400
Manual pop-up box, 8-module*	Anodized	297/112/-	1	3606480317491	ISM20401

* 1 module = 22.5 mm

P117516



Accessories for desk units

Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
Ceiling cable feeder					
Cable feeder including base profile with separation wall and cover. Diameter 52 mm. For cable feeding from ceiling to work-desk. Material: Aluminium, natural anodized or powder coated white.					
Cable feeder	Polar white	3200/Ø52	1	3606480687112	ISM20801P
Flexible conduit					
Flexible conduit (split tube), Ø25 mm, to be used for cable feeding from ceiling to service carrier or from floor outlet box to desk top. Cables to be laid by using dedicated mounting tool. Material: PP.					
Flexible conduit	Grey metallic	Ø25/2000	2	3606480150340	ISM50850
Floor grommet					
Grommet for floor applications, intended to suit a special version of the two-sided service post. Including trim frame with fixing devices, two-part cover and sealing foam for protection from dust and wet floor-cleaning. The cover has the function of a water-tight blank plate when no service post has been installed. When installing a post, the removed part of the cover remains in the grommet, secured by a strap. Hole diameter 127 mm. Material: Zinc, chromium plated.					
Floor grommet	—	38/Ø147	1	3606480160769	INS40550

P90978



P85091

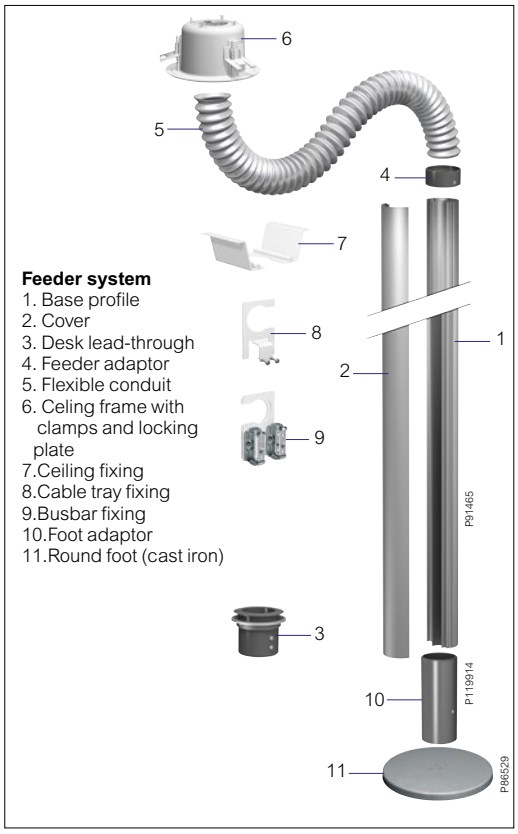


P103324



OptiLine 45 Service boxes
Technical description

Exploded view



Feeder system
1. Base profile
2. Cover
3. Desk lead-through
4. Feeder adaptor
5. Flexible conduit
6. Celing frame with clamps and locking plate
7. Ceiling fixing
8. Cable tray fixing
9. Busbar fixing
10. Foot adaptor
11. Round foot (cast iron)

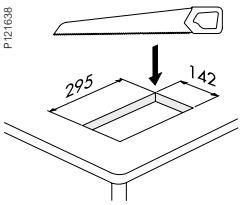
Cable capacity

Comp.	Max Ø mm	Cross section area mm²	Cable capacity*) mm² 40%	50%	60%	
Basic desk unit						P121635
1	48	2438	975	1219	1463	
Ceiling cable feeder						P93350
1	18	640	256	320	384	
2	24	1046	418	523	628	

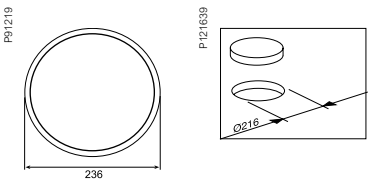
*) We recommend a 40% utilization of the cable capacity.

Dimensions

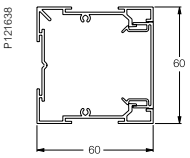
Desk unit with flip lid



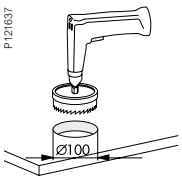
6-sided pop-up unit



Basic desk unit

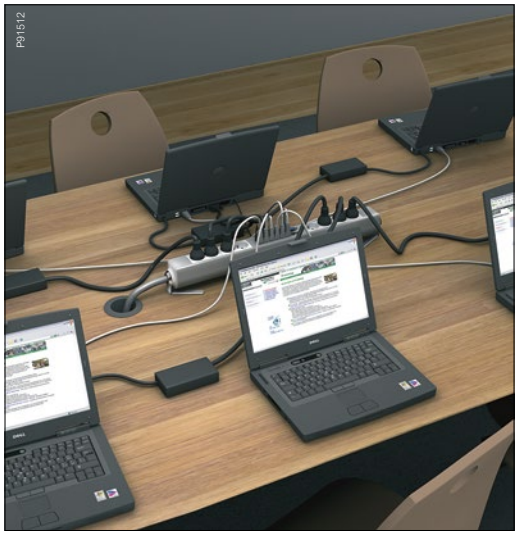


1-sided pop-up unit



OptiLine 45 Service boxes
Technical description







Description

OptiLine 45 desk units are made of natural anodized aluminium. Three types are included in the offer;

- A basic rectangular one-sided version made up by a base profile with accessories. To be mounted on desk, cable tray or wall by means of dedicated fixings. The unit can be installed in an OptiLine 70 post by incorporating an accessory kit. Supplied in an empty version in five sizes, to be used for customer configuration. Feeder accessories comfortably bring cables from the ceiling to the box.
- A flush-mounted desk unit provided with a flip lid. To be mounted in the desk-top, intended for single user application.
- A turnable one-sided desk unit, with smoothly rounded design. The box is standing on two designed feet and can be turned around its own axis to the desired position. Supplied in different configurations with cables and plugs.
- A one-sided manual pop-up desk unit, intended for single user applications, mounted in the desk-top (office application), or in kitchen table-tops (residential application).
- A round 6-sided pop-up desk unit, supplied in different configurations. The unit is intended for mounting in for instance conference tables, where there is a need for occasional connections to power and VDI.

Benefits

- Made of natural anodized aluminium with a high finish.
- Many desk units are pre-wired for easy ordering and quick installation.
- Pop-up and turnable desk units offer unique user advantages in terms of design and accessibillity.

Technical and Material data

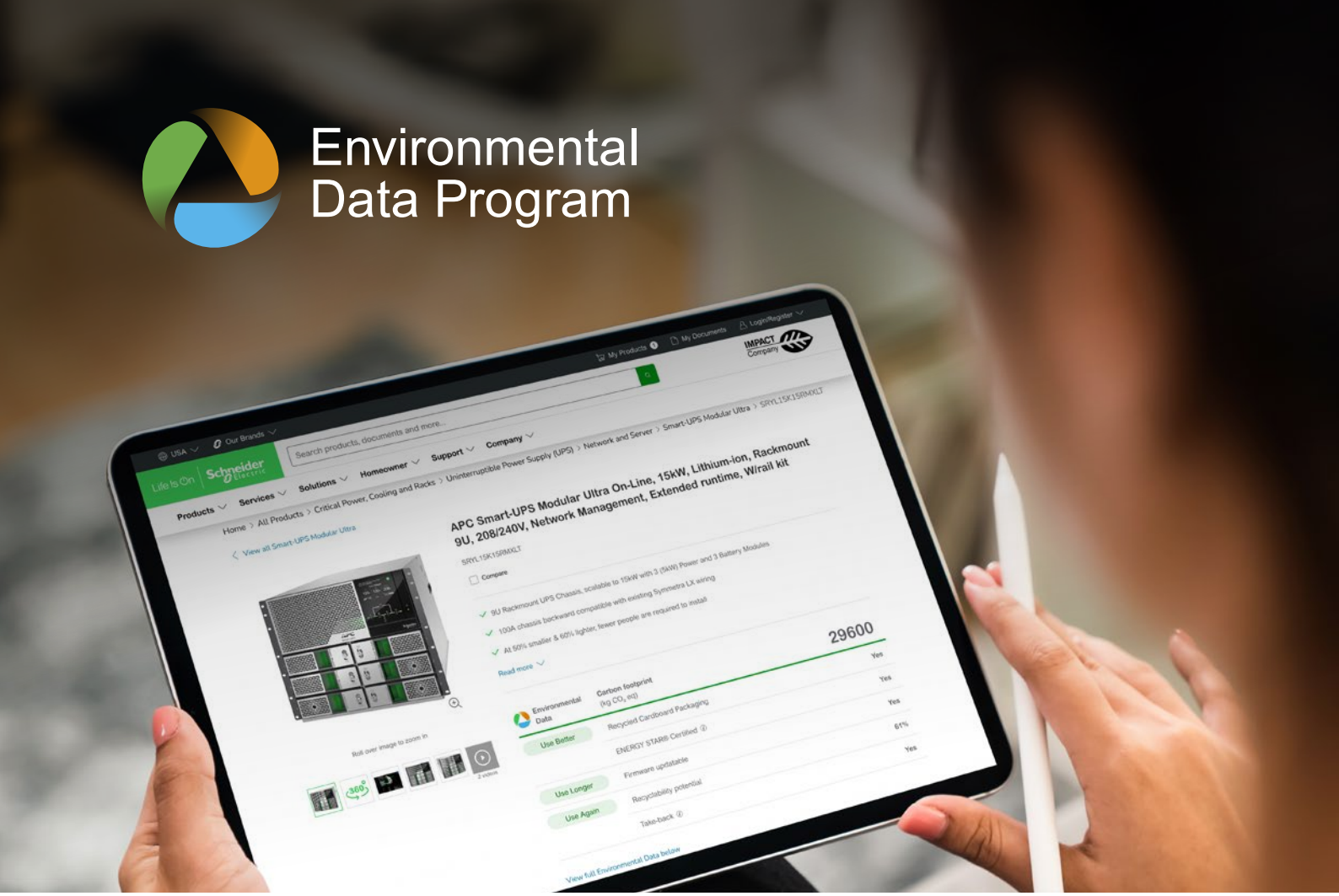
Aluminium; desk units	Specification	EN-AW-6063
	Surface treatment	Natural anodizing
Aluminium; accessories	Specification	EN-AW-6063
	Surface treatment	Natural anodizing or powder coating
	Colours	• Polar white (RAL 9003) • Grey (RAL 9007)
Steel	Specification	SS 1142
	Surface treatment	Powder coating
	Colour	Aluminium metallic
PUR (polyurethane)	Density	1.2 g/cm^3
	Colour	• Polar white (RAL 9003) • Aluminium metallic
PC/ABS	Fire rating	UL 94 HB
	Colour	Polar white (RAL 9003)
PC+ASA	Fire rating	UL 94 HB
	Colour	• Polar white (RAL 9003) • Aluminium metallic

Technical and Material data, cont.

Degree of protection	IP30
Temperature range	Operating temperature from -5°C to +60°C
Standards and certificates	The products comply with the standards: • IEC 1084-1 (Basic desk unit only) • IEC 1084-2-4 (Basic desk unit only) • SS 424 10 32: 1989
	The products satisfy the provisions for CE marking according to the Low Voltage Directive 73/23/EEC and 93/68/EEC
Unica	The products are approved for installation of the range of service content
	All desk units are CE-marked

100●●●●
1003003....16
1003020....16
1005008....16
1150002....16
1150051....16
120●●●●
1200005....16
1200401....16
1220104....16
126●●●●
1260170....16
378●●●●
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Environmental Data Program

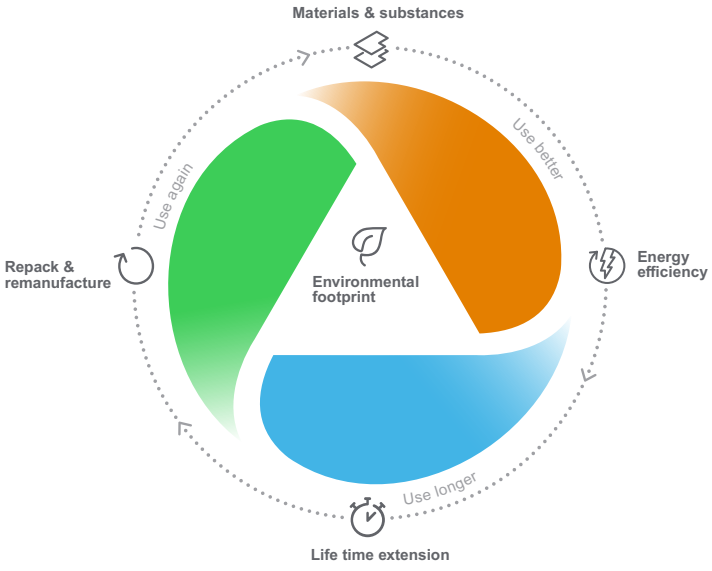


Next-level transparency for better-informed product choices

The Environmental Data Program is a framework for how we measure, categorize, and compare the environmental attributes and footprint of our products.

Using a rigorous, fact-based methodology, the program provides environmental data from across the product lifecycle.

Five data categories across the product lifecycle



Use Better: How sustainable a product is, including environmental footprint, materials and substances, packaging, and energy efficiency.

Use Longer: How a product's life time can be effectively extended in terms of repairability and updatability.

Use Again: How a product can be reused, from dismantling and remanufacturing to recyclability and manufacturer take back.

With this transparent, verified data, customers and partners are empowered to make conscious environmental choices and accurately evaluate and report on sustainability performance.

All our hardware offers have an associated environmental data available on se.com product pages.

Learn more about the Environmental Data Program

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