OptiLine 45

Catalogue 2024
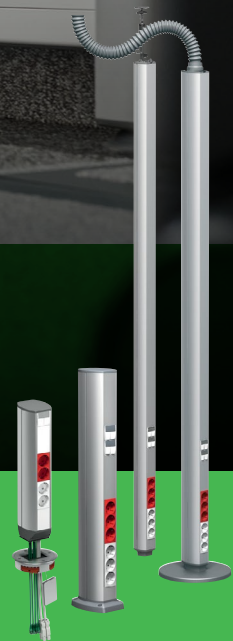
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Contents

OptiLine 45

The 45 direct Click-in installation system
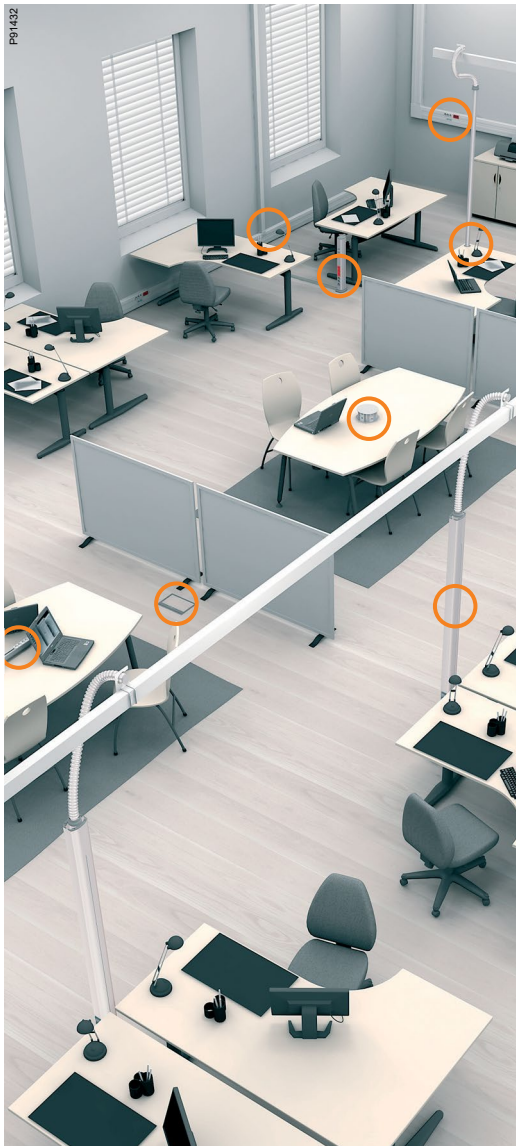
Electrical, telephone and data installations must be easy to install, safe to use and flexible enough to ensure that changes are easy to make. The design of the visible parts must also set the right tone in the office.
OptiLine 45 direct clic-in installation system provide integrated installation solutions 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.
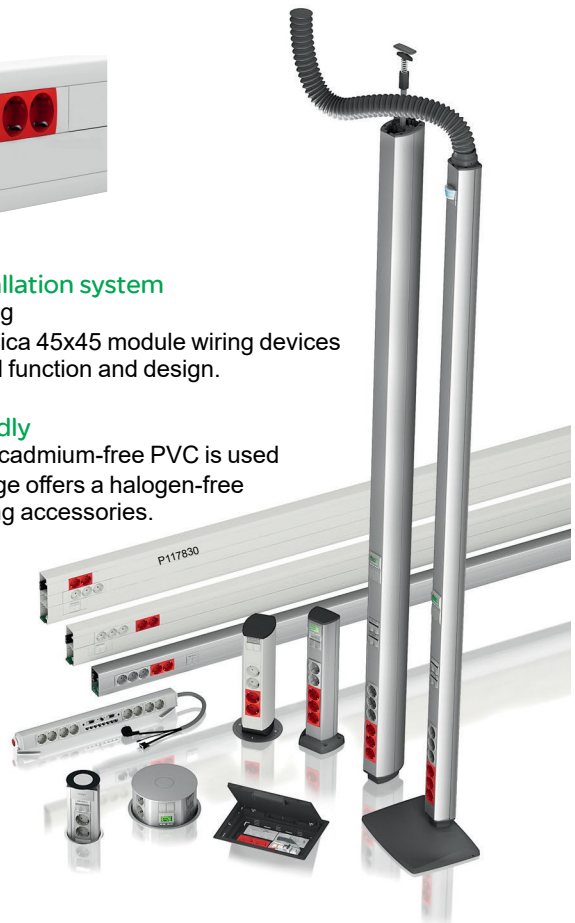

Direct click-in installation system
• 45 mm front opening
• Direct click-in of Unica 45x45 module wiring devices which gives optimal function and design.

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.
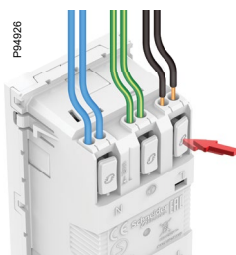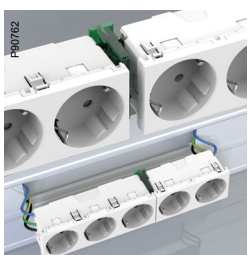
Trunking

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.
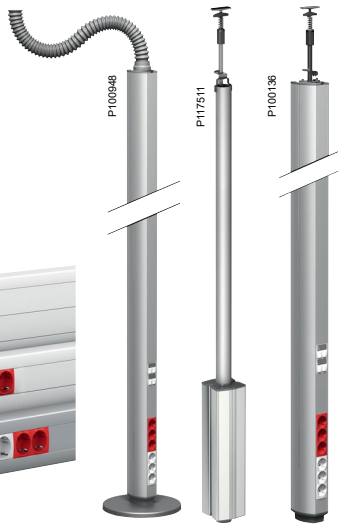
Poles

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
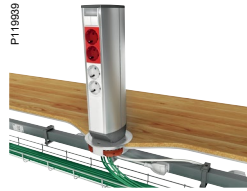- Cable separation profile gives the correct spacing between VDI and power cables.

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	95x55	140x55	165x55	185x55
With one compartment	With one compartment	With two compartments	With two compartments, especially intended for VDI installations	With three compartments

Aluminium Trunking

| 75x55	95x55	140x55	165x55	185x55
With one compartment	With one compartment	With one compartment	With two compartments	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
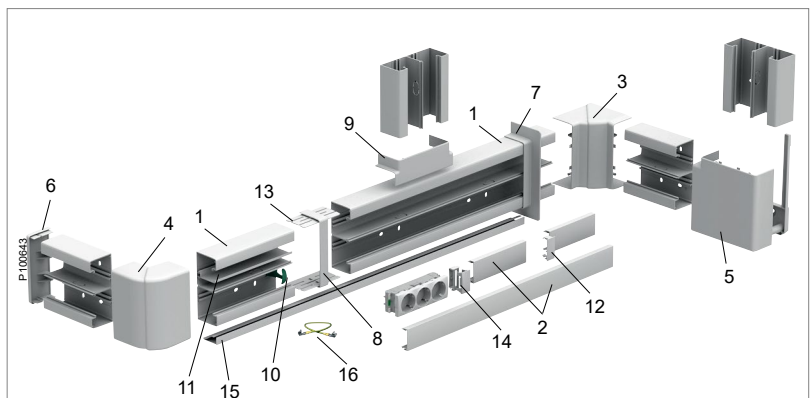
1. Trunking base
2. Front cover
3. Internal corner
4. External corner
5. Bend 90°, incl wall fixing
6. Stop end
7. Wall/ceiling frame
8. Joint cover piece
9. T-piece
10. Cable retainer
11. Cable shelf
12. Joint cover piece for front cover
13. Jointing piece
14. Front locking clip
15. Sealing strip
16. Earthing kit (Aluminium trunking)

OptiLine 45 Trunking
Presentation

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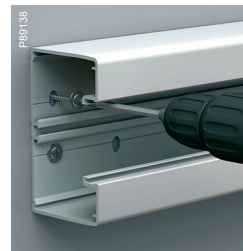• Easy installation without instructions
• Mounted directly without adaptations
• Mounted when trunking is in place.

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
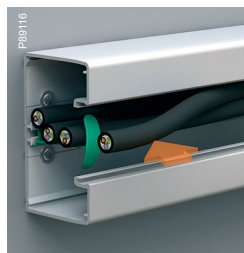• Perfect joints
• No tools needed
• Joint cover piece in one piece
• The jointing pieces can also be used for joints without joint cover piece.
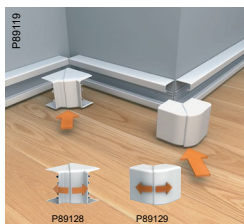
Adjustable corners
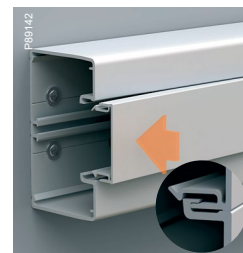The adjustable corners are delivered in one piece.
• Easy and quick to mount
• No adaptations needed.

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.

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.

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
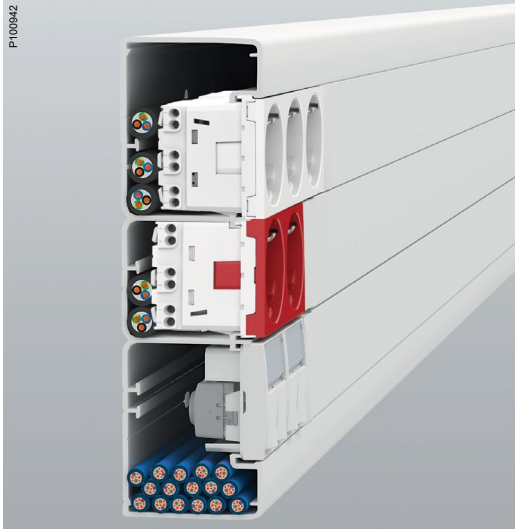• Solid impression.

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.
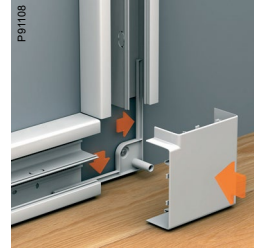

55 mm depth
All trunking are 55 mm deep.
• High cable capacity
• Space enough for 3x2.5 mm^2 cables behind the wiring devices.

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.

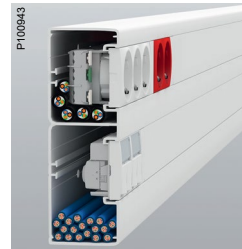### High classification
The trunking is IP40 and IK07 classified.
• Safe and impact resistant
• Can not be opened without a tool.
The PVC trunking is fire classified in category M1.

CE

EN50085
IP40 IK07

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.
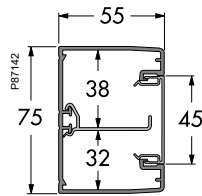• Easy to order
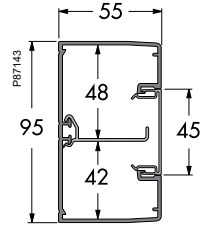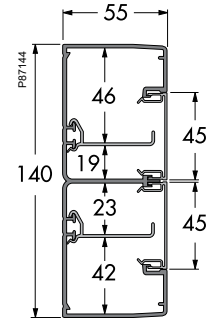• Quick and easy to mount
• Screwless mounting.

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OptiLine 45 Trunking
Dimensions

PVC

75x55

95x55

140x55
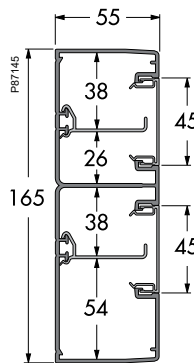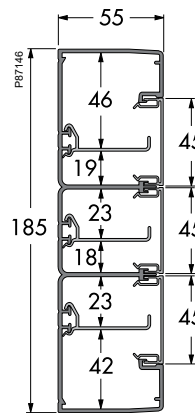
165x55

185x55

Aluminium Trunking

75×55

95×55

140×55

165×55
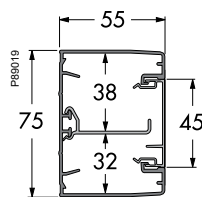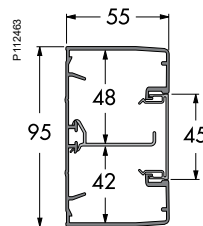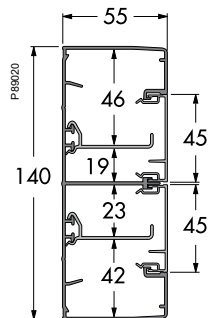
185×55

OptiLine 45 Trunking
Cable capacity

Cable capacity
Installation trunking 75x55 and 95x55 mm

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

P91130 P91128

Com-part-ment	Fill factor 100% Inner area	50% Inner area
🟩	3508 mm²	1754 mm²
🟧	4505 mm²	2253 mm²

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

No. of VDI cables, FTP (**Ø 7 mm**)

— Trunking size 75x55
— Trunking size 95x55

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

P91131 P91129

Com-part-ment	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**)
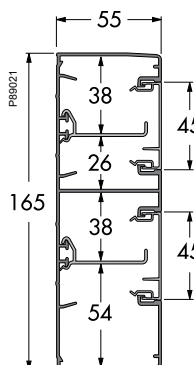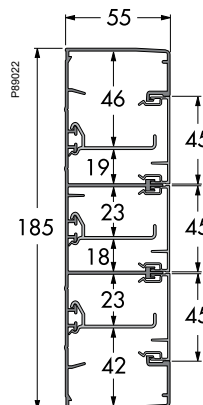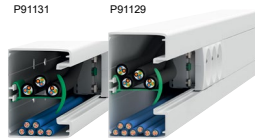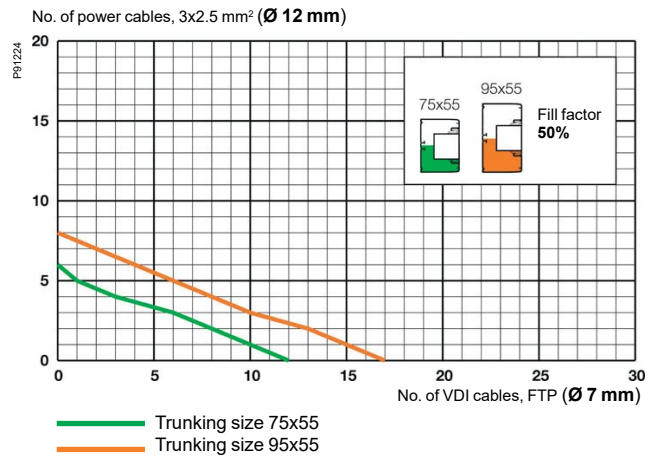

No. of VDI cables, FTP (**Ø 7 mm**)

— Trunking size 75x55
— Trunking size 95x55

Installation trunking 140x55 mm

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

P91135

Com-part-ment	Fill factor 100% Inner area	50% Inner area
🟩	3303 mm²	1652 mm²
🟧	3303 mm²	1652 mm²

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

No. of VDI cables, FTP (**Ø 7 mm**)

— Compartment 1
— Compartment 2

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

P91204

Com-part-ment	Fill factor 100% Inner area	50% Inner area
🟩	2180 mm²	1090 mm²
🟧	2180 mm²	1090 mm²
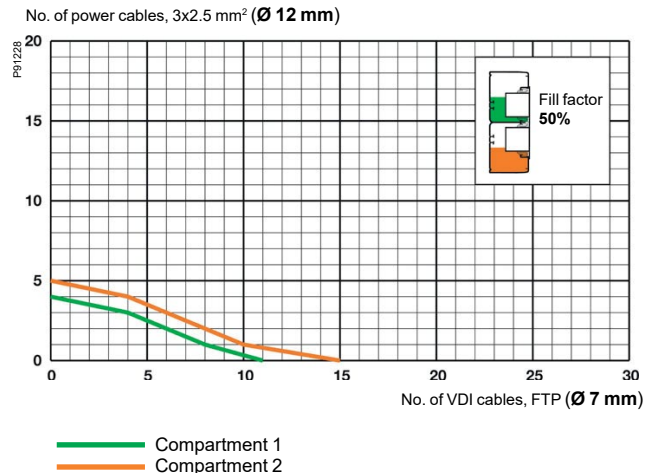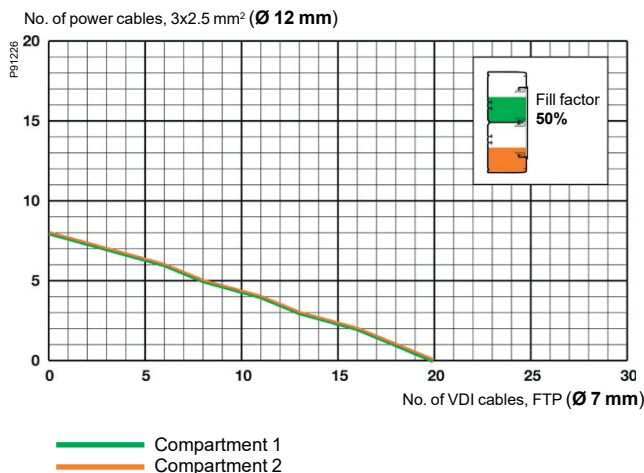
No. of power cables, 3x2.5 mm² (**Ø 12 mm**)

No. of VDI cables, FTP (**Ø 7 mm**)

— Compartment 1
— Compartment 2

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
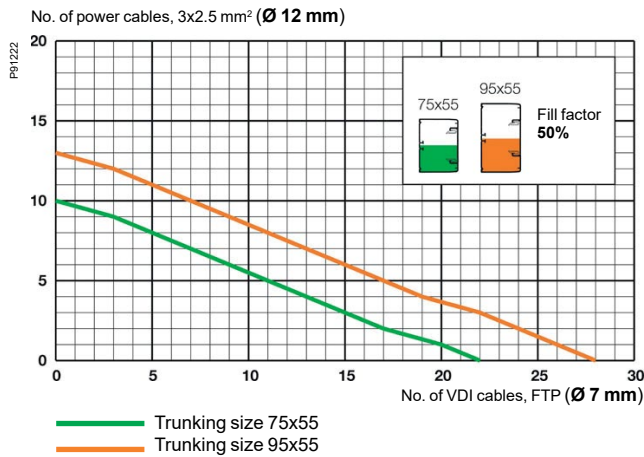If the trunking is used as a feeder trunking please use this guide to calculate the cable capacity.

Com-part-ment	Fill factor	
	100%	50%
	Inner area	Inner area
🟩	3374 mm²	1687 mm²
🟧	4358 mm²	2179 mm²

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

Fill factor **50%**

No. of VDI cables, FTP (**Ø 7 mm**)

Compartment 1
Compartment 2

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

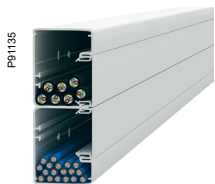| Com-part-ment	Fill factor	
	100%	50%
	Inner area	Inner area
🟩	2251 mm²	1126 mm²
🟧	3235 mm²	1618 mm²

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

Fill factor **50%**

No. of VDI cables, FTP (**Ø 7 mm**)

Compartment 1
Compartment 2

Installation trunking 185x55 mm
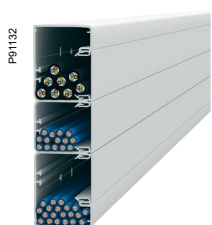
185x55 without outlets
If the trunking is used as a feeder trunking please use this guide to calculate the cable capacity.
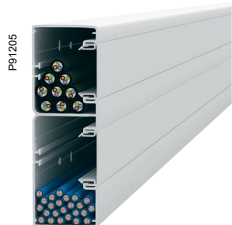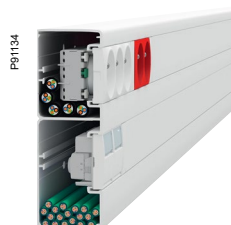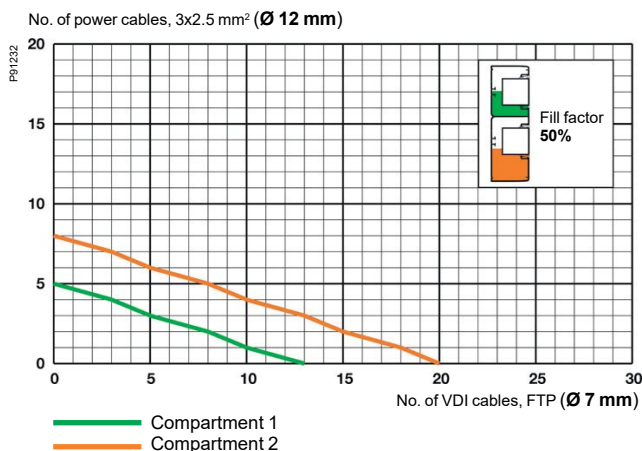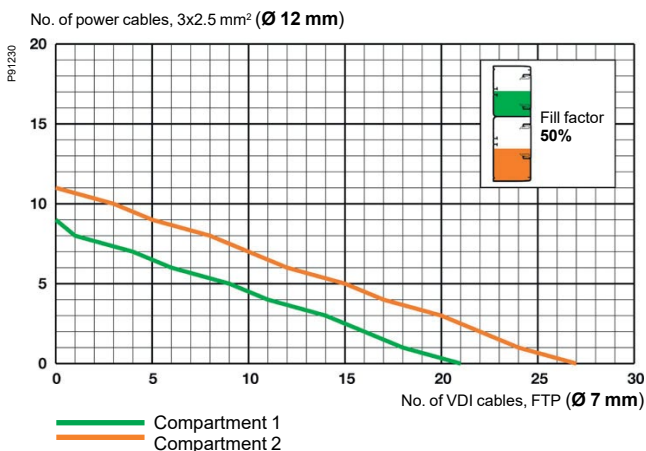
Com-part-ment	Fill factor	
	100%	50%
	Inner area	Inner area
🟩	3218 mm²	1609 mm²
🟦	2187 mm²	1094 mm²
🟧	3218 mm²	1609 mm²

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

Fill factor **50%**

No. of VDI cables, FTP (**Ø 7 mm**)

Compartment 1
Compartment 2
Compartment 3
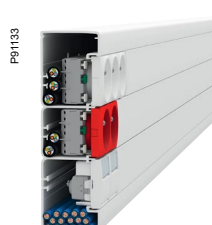
185x55 with Unica outlets
If the trunking is used as an installation trunking please use this guide to calculate the cable capacity.

Com-part-ment	Fill factor	
	100%	50%
	Inner area	Inner area
🟩	2095 mm²	1048 mm²
🟦	1064 mm²	532 mm²
🟧	2095 mm²	1048 mm²
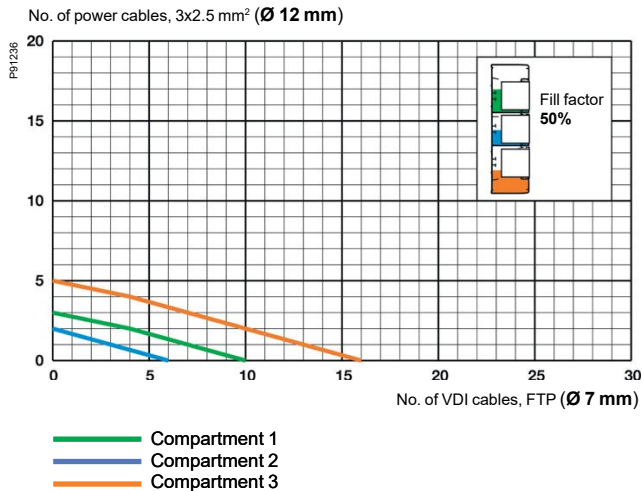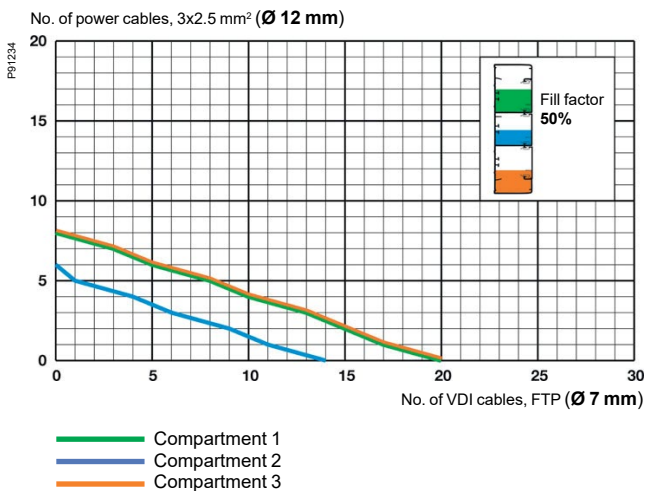
No. of power cables, 3x2.5 mm² (**Ø 12 mm**)

Fill factor **50%**

No. of VDI cables, FTP (**Ø 7 mm**)

Compartment 1
Compartment 2
Compartment 3

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		External corner		Bend 90°		Stop end		Wall/ceiling frame	
	Ref. No.	Qty per pack	Ref. No	Qty per pack	Ref. No.	Qty per pack	Ref. No.	Qty per pack	Ref. No.	Qty per pack	Ref. No.	Qty per pack
PVC												
75x55	ISM10100P ISM10110P	24 m	ISM10101P	1	ISM10102P	1	ISM10103P	1	ISM10104P	2	ISM10105P	1
95x55	ISM10200P	12 m	ISM10201P	1	ISM10202P	1	ISM10203P	1	ISM10204P	2	ISM10205P	1
140x55	ISM10300P ISM10310P	12 m	ISM10301P	1	ISM10302P	1	ISM10303P	1	ISM10304P	2	ISM10305P	1
165x55	ISM10400P	12 m	–	–	ISM10402P	1	–	–	ISM10404P	2	–	–
185x55	ISM10500P	8 m	ISM10501P	1	–	–	ISM10503P	1	ISM10504P	2	ISM10505P	1
Aluminium												
75x55	ISM10150	12 m	–	–	–	–	–	–	ISM10154	2	–	–
95x55	ISM10250	12	–	–	–	–	–	–	–	–	–	–
140x55	ISM10350	6 m	ISM10351	1	ISM10352	1	ISM10353	1	ISM10354	2	ISM10355	1
165x55	ISM10450	6 m	–	–	–	–	–	–	–	–	–	–
185x55	ISM10550	6 m	ISM10551	1	–	–	–	–	ISM10554	2	–	–

P=Polar white

Schneider Electric

Joint cover piece, kit incl. jointing pieces		T-piece single compartment feeder		Front cover PVC		Front cover Alu		Joint cover piece for front		Jointing piece, internal	
Ref. No.	Qty per pack	Ref. No	Qty per pack	Ref. No.	Qty per pack	Ref. No.	Qty per pack	Ref. No.	Qty per pack	Ref. No.	Qty per pack
ISM10106P	1	ISM10107P	1	ISM10900P	24 m	ISM10950	24 m	ISM10903P	5	ISM10904	10
ISM10206P	1	ISM10207P ISM10208P	1	ISM10900P	24 m	ISM10950	24 m	ISM10903P	5	ISM10904	10
ISM10306P	1	ISM10207P ISM10208P	1	ISM10900P	24 m	ISM10950	24 m	ISM10903P	5	ISM10904	10
–	–	ISM10207P ISM10208P	1	ISM10900P	24 m	ISM10950	24 m	ISM10903P	5	ISM10904	10
ISM10506P	1	ISM10207P ISM10208P	1	ISM10900P	24 m	ISM10950	24 m	ISM10903P	5	ISM10904	10
–	–	–	–	–	–	ISM10950	24 m	ISM10951	5	ISM10904	10
–	–	–	–	–	–	ISM10950	24 m	ISM10951	5	ISM10904	10
ISM10356	1	–	–	–	–	ISM10950	24 m	ISM10951	5	ISM10904	10
–	–	–	–	–	–	ISM10950	24 m	ISM10951	5	ISM10904	10
–	–	–	–	–	–	ISM10950	24 m	ISM10951	5	ISM10904	10

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	75/55/2000 75/55/3000	24 m	3606480681493 3606480681578	ISM10100P ISM10110P
P85769	With one compartment	Polar white	95/55/2000	12 m	3606480681585	ISM10200P
	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	140/55/2000 140/55/3000	12 m	3606480681677 3606480681752	ISM10300P ISM10310P
P85771	With two compartments, the lower comp. for VDI appl.	Polar white	165/55/2000	12 m	3606480681769	ISM10400P
P85772	With three compartments	Polar white	185/55/2000	8 m	3606480681837	ISM10500P

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.					
P89067	For trunking 75x55	Polar white	84/117/117	1	3606480681509	ISM10101P
	For trunking 95x55	Polar white	104/117/117	1	3606480681592	ISM10201P
	For trunking 140x55	Polar white	149/117/117	1	3606480681684	ISM10301P
	For trunking 185x55	Polar white	194/117/117	1	3606480681844	ISM10501P
	External corner					
	Adjustable external corner for a 75–135 degree angling of PVC trunking. Material: PC/ABS.					
P89068	For trunking 75x55	Polar white	84/105/105	1	3606480681516	ISM10102P
	For trunking 95x55	Polar white	104/105/105	1	3606480681608	ISM10202P
	For trunking 140x55	Polar white	149/105/105	1	3606480681691	ISM10302P
	For trunking 165x55	Polar white	174/105/105	1	3606480681783	ISM10402P

OptiLine 45 Trunking
Range

Accessories for PVC trunking

Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
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 75x55	Polar white	102/57/102	1	3606480681523	ISM10103P
For trunking 95x55	Polar white	122/57/122	1	3606480681615	ISM10203P
For trunking 140x55	Polar white	167/57/167	1	3606480681707	ISM10303P
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 75x55	Polar white	79/56/21	2	3606480681530	ISM10104P
For trunking 95x55	Polar white	99/56/21	2	3606480681622	ISM10204P
For trunking 140x55	Polar white	144/56/21	2	3606480681714	ISM10304P
For trunking 165x55	Polar white	169/56/21	2	3606480681806	ISM10404P
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 75x55	Polar white	130/82/22	1	3606480681547	ISM10105P
For trunking 95x55	Polar white	150/82/22	1	3606480681639	ISM10205P
For trunking 140x55	Polar white	195/82/22	1	3606480681721	ISM10305P
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 75x55	Polar white	80/57/100	1	3606480681554	ISM10106P
For trunking 95x55	Polar white	100/57/100	1	3606480681646	ISM10206P
For trunking 140x55	Polar white	145/57/100	1	3606480681738	ISM10306P
For trunking 185x55	Polar white	190/57/100	1	3606480681899	ISM10506P

P85779
P85780
P85781
P85782

OptiLine 45 Trunking
Range

Accessories for PVC trunking

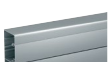|	Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
	T-piece					
	T-piece intended to connect vertical and horizontal PVC trunking of various sizes. Material: PC/ABS.					
P85783	For vertical trunking 75x55 and horizontal trunking 75x55	Polar white	42/57/97	1	3606480681561	ISM10107P
	For vertical trunking 75x55 and horizontal trunking 95x55, 140x55, 165x55 or 185x55	Polar white	52/57/97	1	3606480681653	ISM10207P
	For vertical trunking 95x55 and horizontal trunking 95x55, 140x55, 165x55 or 185x55	Polar white	52/57/117	1	3606480681660	ISM10208P
	Front cover					
	Front cover to be snap-fitted in trunking with a 45 mm front opening. Supplied with protective foil, in lengths of 2 m. Material: PVC or aluminium.					
P85785	Front cover, PVC	Polar white	45/16/2000	24 m	3606480681905	ISM10900P
P85786	Front cover, aluminium, with earthing slots	Anodized	45/16/2000	24 m	3606480028489	ISM10950
	Cable shelf					
	Single cable shelf to be mounted in the trunking base, providing separation between power and low voltage cables. Supplied in lengths of 1 m. Material: PVC.					
P85788	Cable shelf	White	17/47/1000	24 m	3606480028410	ISM10902
	Joint cover piece for front cover					
	Joint cover piece intended to cover joints between two front covers. Package of five. Material: PC/ABS.					
P85789	Joint cover piece for PVC front cover	Polar white	47/20/23	5	3606480681929	ISM10903P
P89053	Joint cover piece for aluminium front cover	Alu metallic	47/20/23	5	3606480028496	ISM10951
	Jointing piece					
	Internal jointing piece intended to facilitate jointing of two PVC trunking bases. May also be used to mount the joint cover piece. Package of ten. Material: PC/ABS.					
P85790	Jointing piece	White	4/51/100	10	3606480028441	ISM10904
	Front locking clip					
	Front locking clip to be mounted on either side of an outlet in order to secure pull-out forces. Package of ten. Material: PC/ABS.					
P85792	Front locking clip	Polar white	45/23/23	10	3606489604141	ISM10909P
	Cutting shears					
	Cutting shears for PVC material. To be used when for instance cutting slots in the partition walls of PVC trunking (sizes 140 and 185) for easy cable laying between compartments. Also suitable when cutting front covers, cable shelves or other PVC length material, instead of using a saw. Material: Steel.					
P91380	Cutting shears	Orange	230/22/80	1	3606480028472	ISM10908
	Label holder					
	Label holder for marking purposes. Package of ten. Material: PC/ABS.					
P148190 P148191	Label holder	White	23/23/45	10	3606489843021	ISM10920P
		Anthracite	23/23/45	10	3606489843038	ISM10921
P148192 P148189		Alu metalic	23/23/45	10	3606489843045	ISM10922
		Red	23/23/45	10	3606490159319	ISM10923

Schneider Electric

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.					
P85773	With one compartment	Anodized	75/55/2000	12 m	3606480027789	ISM10150
P111545	With one compartment	Anodized	95/55/2000	12 m	3606485137728	ISM10250
P85774	With two compartments	Anodized	140/55/2000	6 m	3606480028021	ISM10350
P85775	With two compartments, the lower comp. for VDI appl.	Anodized	165/55/2000	6 m	3606480028182	ISM10450
P85776	With three compartments	Anodized	185/55/2000	6 m	3606480028328	ISM10550
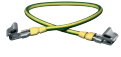
Accessories for aluminium trunking

	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 140x55	Alu metallic	149/117/117	1	3606480028038	ISM10351
	For trunking 185x55	Alu metallic	194/117/117	1	3606480028335	ISM10551
	External corner					
	Adjustable external corner for a 75–135 degree angling of aluminium trunking. Material: PC/ABS, painted.					
P85798	For trunking 140x55	Alu metallic	149/105/105	1	3606480028045	ISM10352
	Bend, 90°, kit					
	90 degree bend kit for angling upwards and downwards of aluminium trunking. Including bend piece and fixing device to be screw-fitted to the wall. Material: PC/ABS, painted.					
P85799	For trunking 140x55	Alu metallic	167/57/167	1	3606480028052	ISM10353

OptiLine 45 Trunking
Range

Accessories for aluminium trunking

	Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
	Stop end					
	Stop end for aluminium trunking. Including screw and nut to fix the stop end in the trunking base. Material: PC/ABS, painted.					
P85800	For trunking 75x55	Alu metallic	79/56/21	2	3606480027826	ISM10154
	For trunking 140x55	Alu metallic	144/56/21	2	3606480028069	ISM10354
	For trunking 185x55	Alu metallic	189/56/21	2	3606480028366	ISM10554
	Wall/Ceiling frame					
	Wall/Ceiling frame to be fitted around an aluminium 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, painted.					
P85801	For trunking 140x55	Alu metallic	195/82/22	1	3606480028076	ISM10355
	Joint cover piece, kit					
	Joint cover piece, supplied and mounted together with two jointing pieces. Intended to cover joints between two aluminium trunking sections. Easy to remove in case of an upgrading of the installation. Material: PC/ABS, painted.					
P85802	For trunking 140x55	Alu metallic	145/57/100	1	3606480028083	ISM10356
	Front cover					
	Front cover to be snap-fitted in trunking with a 45 mm front opening. With earthing slots. Supplied with protective foil, in lengths of 2 m. Material: Aluminium.					
P85786	Front cover	Anodized	45/16/2000	24 m	3606480028489	ISM10950
	Cable shelf					
	Single cable shelf to be mounted in the trunking base, providing separation between power and low voltage cables. Supplied in lengths of 1 m. Material: PVC.					
P85788	Cable shelf	White RAL 9010	17/47/1000	24 m	3606480028410	ISM10902

OptiLine 45 Trunking
Range

Accessories for aluminium trunking

Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
Joint cover piece for front cover					
Joint cover piece intended to cover joints between two aluminium front covers. Package of five. Material: PC/ABS, painted.					
Joint cover piece	Alu metallic	46/20/23	5	3606480028496	ISM10951
Jointing piece					
Internal jointing piece intended to facilitate jointing of two aluminium trunking bases. May also be used to mount the joint cover piece. Package of ten. Material: PC/ABS.					
Jointing piece	White	4/51/100	10	3606480028441	ISM10904
Modular device adaptor					
2-module adaptor for 1-2 modular devices like for instance miniature circuit breakers. With transparent grey cover. Material: PC+ASA.					
Modular device adaptor	Alu metallic	90/72/45	1	3606480028540	ISM10957
Earthing clamp					
Earthing clamp to be used for bonding of front cover, trunking base and accessories to earth. Package of ten. Material: Steel.					
Earthing clamp	—	9/9/9	20	3606480028502	ISM10952
Earthing kit					
Kit including earth wire with flat pin connectors and earthing clamps. To be used to connect the front cover to the base profile or the base profile to another base profile.					
Earthing kit	Yellow/green	L = 200	10	3606480028519	ISM10953
		L = 300	10	3606480028526	ISM10954
Front locking clip					
Front locking clip to be mounted on either side of an outlet in order to secure pull-out forces. Package of ten. Material: PC/ABS.					
Front locking clip	Polar white	45/23/23	10	3606489604141	ISM10909P
Label holder					
Label holder for marking purposes. Package of ten. Material: PC/ABS.					
Label holder	White	23/23/45	10	3606489843021	ISM10920P
	Anthracite	23/23/45	10	3606489843038	ISM10921
	Alu metalic	23/23/45	10	3606489843045	ISM10922
	Red	23/23/45	10	3606490159319	ISM10923

OptiLine 45 Trunking
Range

Fixing products

Type	Colour	Dimensions (mm)	Qty per package	EAN code	Ref. No.
Wall plugs					
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
Same as above but single. Material: PE-HD.					
TP 6	Red	Ø6x30	100	7315881003020	1003020
Nail plugs					
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					
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
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					
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					
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
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
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

P1339
P89050
P89051
P89052
P81315
P99119
P80837
P89047
P91678

OptiLine 45 Trunking
Technical description

Design and dimensions

One compartment, symmetrical

P87142

55 | 38 | 75 | 32 | 45

One compartment, symmetrical

P87143

55 | 48 | 95 | 42 | 45

Two compartments, symmetrical

P87144

55 | 46 | 140 | 19 | 23 | 42 | 45 | 45

Two compartments, non-symmetrical

P87145

55 | 38 | 26 | 165 | 38 | 54 | 45 | 45

Three compartments, symmetrical

P87146

55 | 46 | 185 | 19 | 23 | 18 | 23 | 42 | 45 | 45 | 45

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

P91720

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
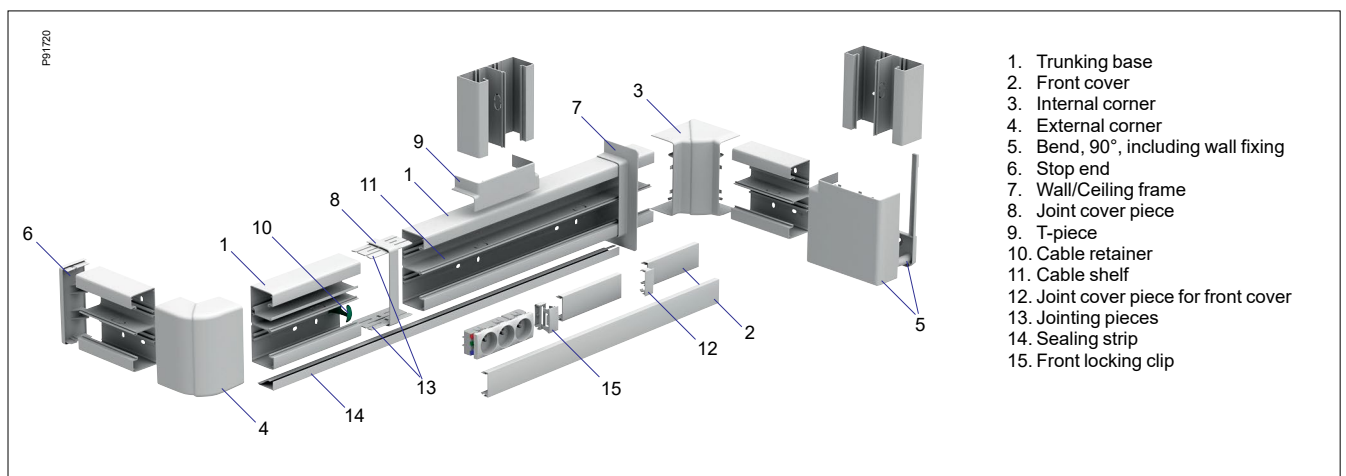
OptiLine 45 Poles
Presentation

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**		**Two-sided poles**		**With boxes**	
Free-standing		Free-standing		Free-standing	
P86536	P87200	P86535	P87201	P117513	P117514
Alu	White	Alu	White	Alu	White
Tension-mounted		Tension-mounted		Tension-mounted	
P86538	P87198	P86537	P87199	P117511	P117512
Alu	White	Alu	White	Alu	White
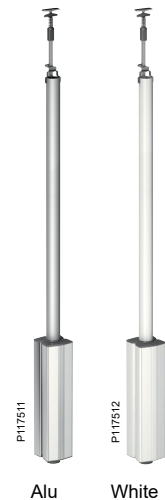
Unica 45x45 module wiring devices

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.
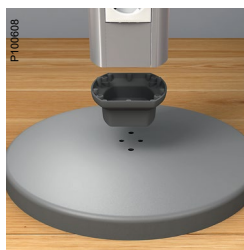
OptiLine 45 Poles
Presentation
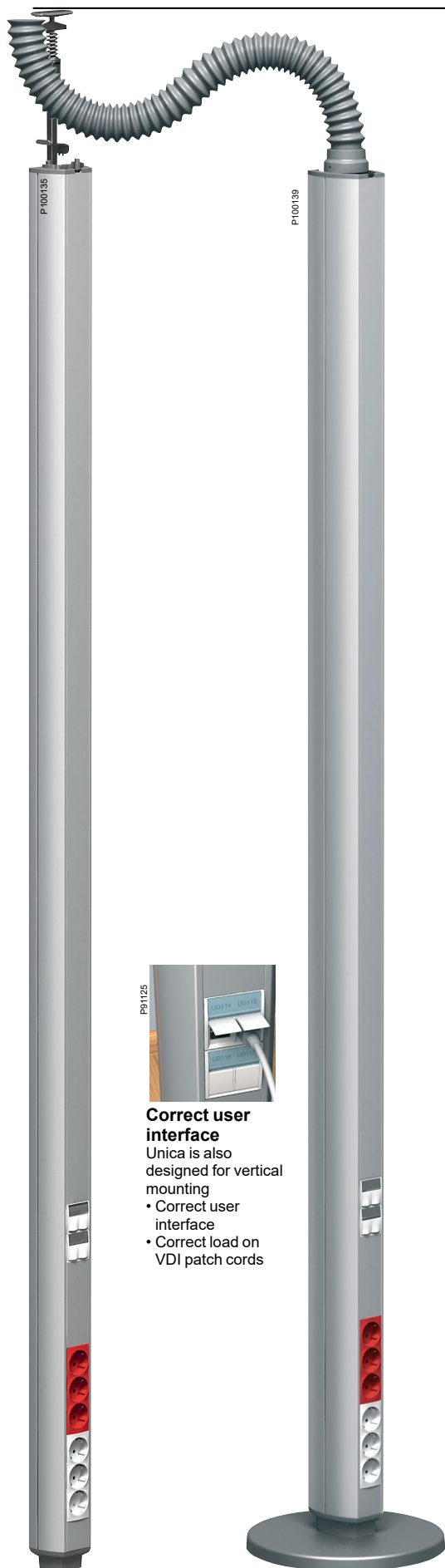
Design, finish and quality
All OptiLine poles are made of aluminium, anodized or powder coated, with a high surface finish. The form is softly rounded and slendered. All parts are designed to give reliable function and easy installation.
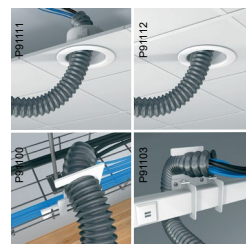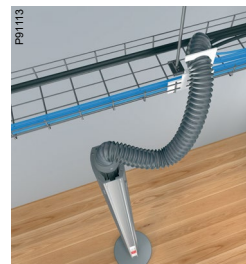
Many mounting options
Accessories for all mounting options. The ceiling frame for the flexible conduit is mounted without a tool and can be adjusted to different ceiling thicknesses.

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

Stable and sturdy
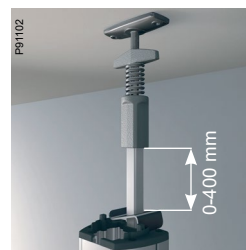All parts in aluminium, several are die-cast. Foot in sand-cast iron.
• Stable and sturdy design
• Reliable function
• High-quality impression.
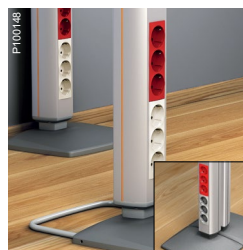
Innovative square foot
The foot has a steel clamp that can be unfolded for extra support.
• Steady
• Nice installation close to the wall
• Two poles can be placed back to back.

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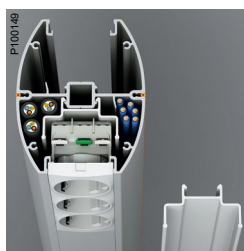Fitted easily without tools. Self-locking adjustment.
• Quick and safe installation
• 400 mm working range
• Mechanism outside the pole – does not interfere with the wiring devices.

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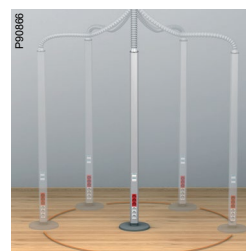
Flexibility
The movable pole has a steady foot and a flexible conduit.
• Easy to move the poles to optimize the office layout
• 1.5 m action radius.

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.

				Ceiling frame one-sided	Ceiling frame two-sided	Cable tray fixing	
Quantity per pack: 1							
Tension-mounted		**Height mm**	**Anodized aluminium**	**Polar white**			
	One-sided	2700-3100 3100-3500 3500-3900 3900-4300	ISM20100 ISM20102 ISM20120	ISM20101P ISM20105P	ISM20810P		
	Two-sided	2700-3100 3100-3500 3500-3900 3900-4300	ISM20106 ISM20108 ISM20110 ISM20122	ISM20107P ISM20109P ISM20111P ISM20123P		ISM20811P	
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	ISM20130 ISM20112	ISM20131P ISM20113P			
	Two-sided	2150 2450 2900	ISM20132 ISM20116 ISM20118	ISM20117P			
Free-standing with installation boxes		**Height mm**	Anodized aluminium	Polar white			
		2150 2450 2900		ISM20147P			

	Foot, round	Foot, rectangular	Ceiling frame	
	ISM20808	ISM20809	ISM20812P	
	ISM20808	ISM20809	ISM20812P	
	ISM20808	ISM20809	ISM20812P	

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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, 2.7-3.1 m	Anodized Polar white	3100/68/89	1	3606480029561 3606480681974	ISM20100 ISM20101P
One-sided, 3.1-3.5 m	Anodized	3500/68/89	1	3606480029585	ISM20102
One-sided, 3.5-3.9 m	Polar white	3900/68/89	1	3606480681998	ISM20105P
One-sided, 3.9-4.3 m	Anodized	4300/68/89	1	3606480317262	ISM20120
Two-sided, 2.7-3.1 m	Anodized Polar white	3100/116/90	1	3606480029622 3606480682001	ISM20106 ISM20107P
Two-sided, 3.1-3.5 m	Anodized Polar white	3500/116/90	1	3606480029646 3606480682018	ISM20108 ISM20109P
Two-sided, 3.5-3.9 m	Anodized Polar white	3900/116/90	1	3606480029660 3606480682025	ISM20110 ISM20111P
Two-sided, 3.9-4.3 m	Anodized Polar white	4300/116/90	1	3606480317286 3606480682087	ISM20122 ISM20123P
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, 2.15 m	Anodized Polar white	2150+2000/68/89	1	3606480317309 3606480682094	ISM20130 ISM20131P
One-sided, 2.45 m	Anodized Polar white	2450+2000/68/89	1	3606480029684 3606480682032	ISM20112 ISM20113P
Two-sided, 2.15 m	Anodized	2150+2000/116/90	1	3606480317323	ISM20132
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

P86538
P87199

P117511
P117512

P86536
P87201

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OptiLine 45 Poles
Range

Poles, empty

Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
Pole, free-standing, with installation boxes					
Empty, free-standing and movable pole, provided with four installation boxes. Installation box height 558 mm. Including white plastic front cover, flexible conduit with adaptor, earthing cable 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.					
2.15 m	Polar white	2150+2000/149/140	1	3606480682148	ISM20147P

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.

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.

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

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 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

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	2150+2000/116/90	1	ISM22242P
	Anthracite	Aluminum	2150+2000/116/90	1	ISM22243

OptiLine 45 Poles
Range

Accessories for poles

Foot for free-standing, movable pole

Rectangular foot for free-standing, movable pole, to be fixed to the bottom plate of the pole by means of two M6 bolts (included). The foot is provided with a steel clamp that can be unfolded for extra support. When not in use, the clamp lies protected in a recess underneath the foot. Specially suited in applications close to the wall or when two poles are positioned back to back.
Material: Cast iron, painted.

Foot, rectangular	Grey	33/250/346	1	3606480030598	ISM20809

Round foot for free-standing, movable poles, to be fixed to the bottom plate of the pole by means of two M6 bolts (included). Suitable both for one and two-sided poles.
Material: Cast iron, painted.

Foot, round	Grey	29/Ø317	1	3606480030581	ISM20808

Ceiling frame

Ceiling frame intended to lead flexible conduit through false ceiling. To be mounted in circular hole, Ø125 mm, by using three included clamps. Also including a slotted plastic plate to be used to lock the flexible conduit, which is fixed by cable ties. The plate can also be used as a drill template for entrance hole Ø125 mm.
Material: PC/ABS.

Ceiling frame	Polar white	89/Ø161	1	3606480682216	ISM20812P

Ceiling frame

Ceiling frame for one-sided or two-sided poles. Covers the edge of the hole in a false ceiling. Self-sticking.
Material: PS (polystyrene).

Ceiling frame for 1-sided pole	Polar white	1/108/129	1	3606480682193	ISM20810P
Ceiling frame for 2-sided pole	Polar white	1/156/130	1	3606480682209	ISM20811P

OptiLine 45 Poles

Range

Accessories for poles

	Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
	Front cover					
	Front cover to be snap-fitted in service carriers with a 45 mm front opening. With earthing slots. Supplied with protective foil, in lengths of 2 m. Material: Aluminium, natural anodized or powder coated white.					
P92658	Front cover	Anodized	45/16/2000	24 m	3606480028489	ISM10950
	Floor fixing with slot for floor feeder					
	Floor fixing for one or two-sided pole. Fixed to the floor by screws. With slot for connection of floor feeder 18x75 mm. Material: Aluminium, powder coated.					
P87188	For one-sided pole	Grey	38/125/102	1	3606480030703	ISM20820
P87189	For two-sided pole	Grey	38/125/156	1	3606480030710	ISM20821
	Floor feeder					
P86523	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
P111399	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: Aluminium, natural anodized.					
	Floor feeder	Anodized	18/75/2000	8 m	3606480027536	ISM20857

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OptiLine 45 Poles
Range

Accessories for poles

	Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
	Earthing clamp					
	Earthing clamp to be used for bonding of front cover, base profile and accessories to earth. Material: Steel.					
P87196	Earthing clamp	—	9/9/9	20	3606480028502	ISM10952
	Earthing kit					
	Kit including earth wire with flat pin connectors and earthing clamps. To be used to connect the front cover to the base profile.					
P85796	Earthing kit	Yellow/green	L = 200	10	3606480028519	ISM10953
			L = 300	10	3606480028526	ISM10954
	Modular device adaptor					
	2-module adaptor for 1-2 modular devices like for instance miniature circuit breakers. With transparent grey cover. Material: ASA+PC, white or alu metallic.					
P87195	Modular device adaptor	Alu metallic	90/72/45	1	3606480028540	ISM10957
	Front locking clip					
	Front locking clip to be mounted on either side of an outlet in order to secure pull-out forces. Material: PC/ABS.					
P85792	Front locking clip	Polar white	45/23/23	10	3606489604141	ISM10909P
	Label holder					
	Label holder for marking purposes. Package of ten. Material: PC/ABS.					
P148190 P148191	Label holder	White	23/23/45	10	3606489843021	ISM10920P
		Anthracite	23/23/45	10	3606489843038	ISM10921
P148192 P148189		Alu metalic	23/23/45	10	3606489843045	ISM10922
		Red	23/23/45	10	3606490159319	ISM10923

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

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

OptiLine 45 Poles
Technical description

Exploded views

Poles
1. Base profile
2. Partition profile
3. Front cover
4. Floor fixing
5. Stop end
6. Strain relief
7. Flexible conduit with adaptor
8. Ceiling frame
9. Ceiling fixing
10. Cable tray fixing
11. Adjustabe ceiling fixing
12. Cast iron foot
13. Floor fixing plate
14. Busbar fixing
15. Earthing kit
16. Feeder profile
17. Box profiles

Floor feeder
1. Floor fixing with slot for feeder profile
2. Floor feeder
   2a. Base profile
   2b. Cover
3. Floor feeder jointing piece
4. Corner feeder piece
5. Floor feeder adaptor

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

Tension-mounted poles		
A Total height		**B Height without ceiling fixing**
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		
Min. 2700 mm Max. 3100 mm	Box height 558 mm (C)	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**
2150 mm		2000 mm
2450 mm		2000 mm
2900 mm		2000 mm
Free-standing poles with boxes		
2150 mm	Box height 558 mm (C)	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.
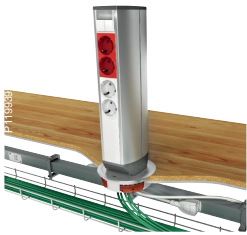
One-sided posts
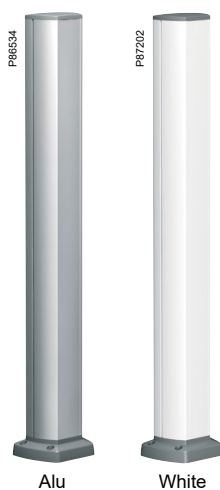
Two-sided posts
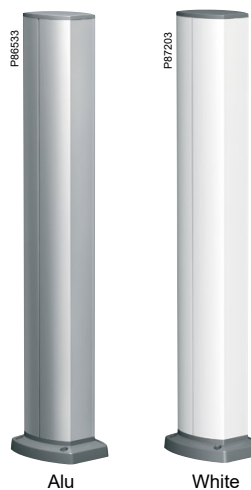
Two-sided posts for floor grommet

| Alu	White	Alu	White	Alu	White

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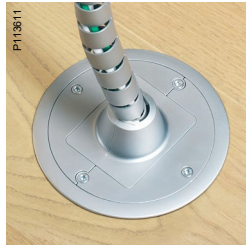
Tube adaptor
With a tube adaptor in the floor grommet you can supply power and data to a furniture box instead.

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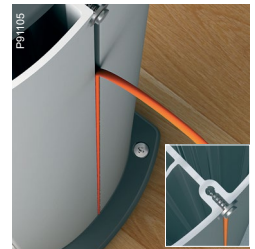Posts could be fed from the floor or along the floor
• Floor fixing for feeding from the floor as a standard
• Floor fixing with slot for floor feeder as an accessory

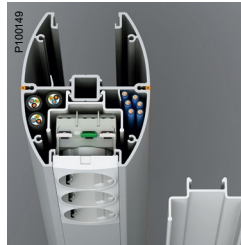**Feeding from trunking**
The post can be fed from a wall trunking.
• Easy and fast installation
• Floor feeder adaptor with adjustable height

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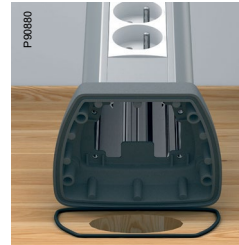Slots along both sides of the post
• For decorative colour strips
• For products like hooks etc.

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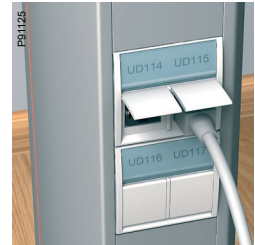Partition profile for good separation of cables.
• Correct distance between VDI and power cables
• Full isolation between wiring device terminations and cables

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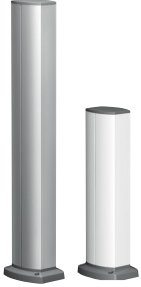• Stable mounting also on slightly uneven floors

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

Schneider Electric

OptiLine 45 Posts
Choice guide

Posts					
	One-sided	**Two-sided**	**Colour**	**Height mm**	**Ref. No.**
With floor fixing			Anodized aluminium	430	ISM20210
			Anodized aluminium	700	ISM20200
			Anodized aluminium	430	ISM20212
			Anodized aluminium Polar white	700 700	ISM20202 ISM20203P
With slotted floor fixing			Anodized aluminium	700	ISM20207

OptiLine 45 Posts
Range

Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
Post with floor fixing					
Empty, free-standing, one or two-sided post mounted on a floor fixing. Including front cover, floor fixing, 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 pow					
One-sided For up to six 45x45 module wiring devices	Anodized	430/68/89	1	3606480025532	ISM20210
One-sided For up to twelve 45x45 module wiring devices	Anodized	700/68/89	1	3606480029769	ISM20200
Two-sided For up to six 45x45 module wiring devices on each side	Anodized	430/116/90	1	3606480025556	ISM20212
Two-sided For up to twelve 45x45 module wiring devices on each side	Anodized Polar white	700/116/90	1	3606480029783 3606480682292	ISM20202 ISM20203P
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

P100853
P86534

P100687
P87203

P104044
P104043

OptiLine 45 Posts
Range

Pre-wired Posts

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 mm² 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
	Anodized	Aluminum	600/68/89	1	ISM22201
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 6A S/FTP with cable. Including stop end and mounting instruction. Floor fixing provided with gasket ring. Earthed. External cables: one unshielded 3 x 1.5 mm² cable with side-earthed plug, 2.5 m free length, and two Cat 6A S/FTP data cables with RJ45 plugs, 9.0 m free length.					
One-sided Post 2 x Cat 6A S/FTP	White	Aluminum	600/68/89	1	ISM22202
	Anodized	Aluminum	600/68/89	1	ISM22203

P111188
P111189

Accessories for posts

Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
Floor fixing with slot for floor feeder					
Floor fixing for one or two-sided sided post. Fixed to the floor by screws. With slot for connection of floor feeder 18x75 mm. Material: Aluminium, powder coated.					
For one-sided post	Grey	38/125/102	1	3606480030703	ISM20820
For two-sided post	Grey	38/125/156	1	3606480030710	ISM20821
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
Floor feeder, aluminium					
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: Aluminium, natural anodized.					
Floor feeder	Anodized	18/75/2000	8 m	3606480027536	ISM20857
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
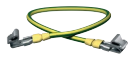
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OptiLine 45 Posts
Range

Accessories for posts

Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
Front cover					
Front cover to be snap-fitted in service carriers with a 45 mm front opening. With earthing slots. Supplied with protective foil, in lengths of 2 m. Material: Aluminium, natural anodized or powder coated white.					
Front cover	Anodized	45/16/2000	24 m	3606480028489	ISM10950
Earthing clamp					
Earthing clamp to be used for bonding of front cover, base profile and accessories to earth. Material: Steel.					
Earthing clamp	—	9/9/9	20	3606480028502	ISM10952
Earthing kit					
Kit including earth wire with flat pin connectors and earthing clamps. To be used to connect the front cover to the base profile.					
Earthing kit	Yellow/green	L = 200	10	3606480028519	ISM10953
		L = 300	10	3606480038526	ISM10954
Modular device adaptor					
2-module adaptor for 1-2 modular devices like for instance miniature circuit breakers. With transparent grey cover. Material: ASA+PC.					
Modular device adaptor	Alu metallic	90/72/45	1	3606480028540	ISM10957
Front locking clip					
Front locking clip to be mounted on either side of an outlet in order to secure pull-out forces. Material: PC/ABS.					
Front locking clip	Polar white	45/23/23	10	3606489604141	ISM10909P
Label holder					
Label holder for marking purposes. Package of ten. Material: PC/ABS.					
Label holder	White	23/23/45	10	3606489843021	ISM10920P
	Anthracite	23/23/45	10	3606489843038	ISM10921
	Alu metalic	23/23/45	10	3606489843045	ISM10922
	Red	23/23/45	10	3606490159319	ISM10923

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OptiLine 45 Posts
Technical description

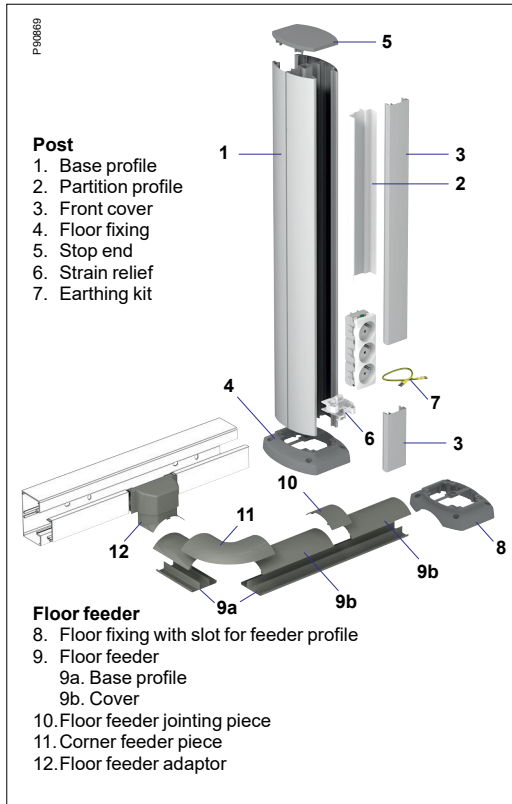**Technical and Material data**

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 to the Low Voltage Directive 73/23/EEC and 93/68/EEC.	

accord-
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

Cable capacity

Comp.	Max Ø mm	Cross section area mm²	Cable capacity*) mm²		
			40%	50%	60%
One-sided post					
1	41	4220	1688	2110	2532
One-sided post with partition profile					
1	39	1799	720	900	1079
2	15	1106	442	553	663
Two-sided post without and with partition profile					
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.

Design and dimensions

Schneider Electric
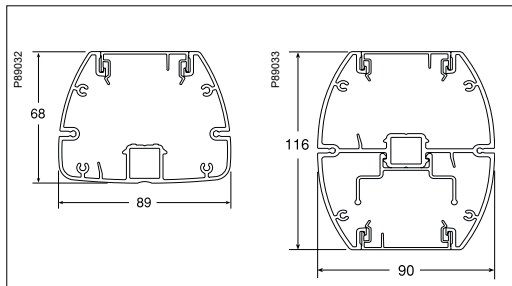
OptiLine 45 Service boxes
Presentation

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.
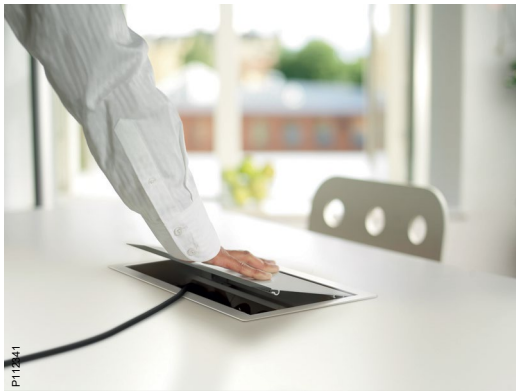
Basic service boxes

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.
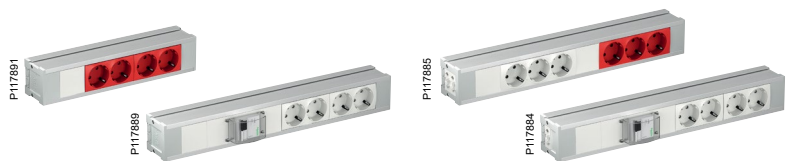
Flip-up

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.
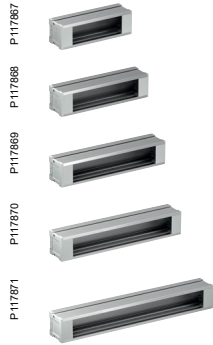
Surface mounted

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.					
P117867	3 modules	Anodized	60/60/195	1	3606480273865	ISM20420
P117868	4 modules	Anodized	60/60/240	1	3606480273872	ISM20421
P117869	5 modules	Anodized	60/60/285	1	3606480273889	ISM20422
P117870	6 modules	Anodized	60/60/330	1	3606480273896	ISM20423
P117871	8 modules	Anodized	60/60/420	1	3606480273902	ISM20424

OptiLine 45 Service boxes
Range

Flush-mounted desk unit

P117515

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

Manual pop-up desk units, empty

P117516

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

Schneider Electric

OptiLine 45 Service boxes
Range

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	Anodized Polar white	3200/Ø52	1	3606480030505 3606480687112	ISM20800 ISM20801P
Round foot					
Round foot to be fixed to foot adaptor to provide a stable base to the ceiling cable feeder. Fixes to the foot adaptor by means of two M6 bolts (included). Material: Cast iron, painted.					
Foot, round	Grey	29/Ø317	1	3606480030581	ISM20808
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
Ceiling frame					
Ceiling frame intended to lead flexible conduit through false ceiling. To be mounted in circular hole, Ø125 mm, by using three included clamps. Also including a slotted plastic plate to be used to lock the flexible conduit, which is fixed by cable ties. The plate can also be used as a drill template for entrance hole Ø125 mm. Material: PC/ABS.					
Ceiling frame	Polar white	89/Ø161	1	3606480682216	ISM20812P
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
Earthing kit					
Kit including earth wire with flat pin connectors and earthing clamps. To be used to connect the front cover to the base profile.					
Earthing kit	Yellow/green	L = 200 L = 300	10 10	3606480028519 3606480028526	ISM10953 ISM10954
Earthing clamp					
Earthing clamp to be used for bonding of front cover, base profile and accessories to earth. Material: Steel.					
Earthing clamp	—	9/9/9	20	3606480028502	ISM10952
Modular device adaptor					
2-module adaptor for 1-2 modular devices like for instance miniature circuit breakers. With transparent grey cover. Material: PC+ASA, white or alu metallic.					
Modular device adaptor	Alu metallic	90/72/45	1	3606480028540	ISM10957

OptiLine 45 Service boxes
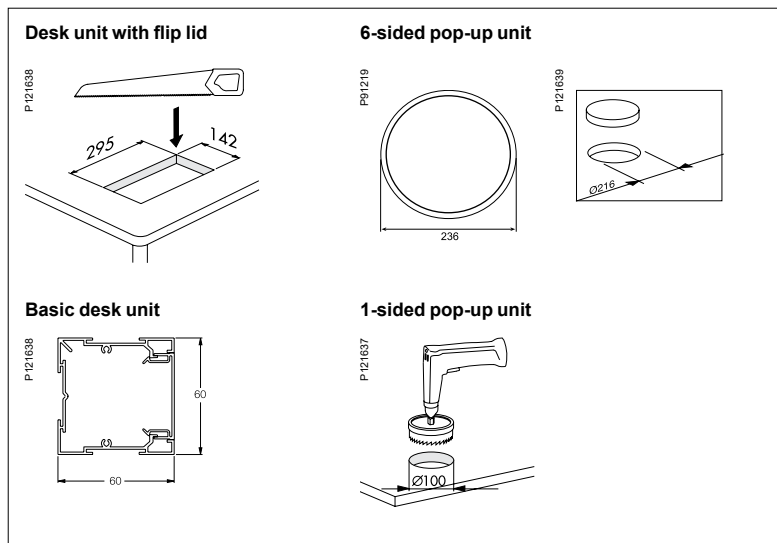## Technical description

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)
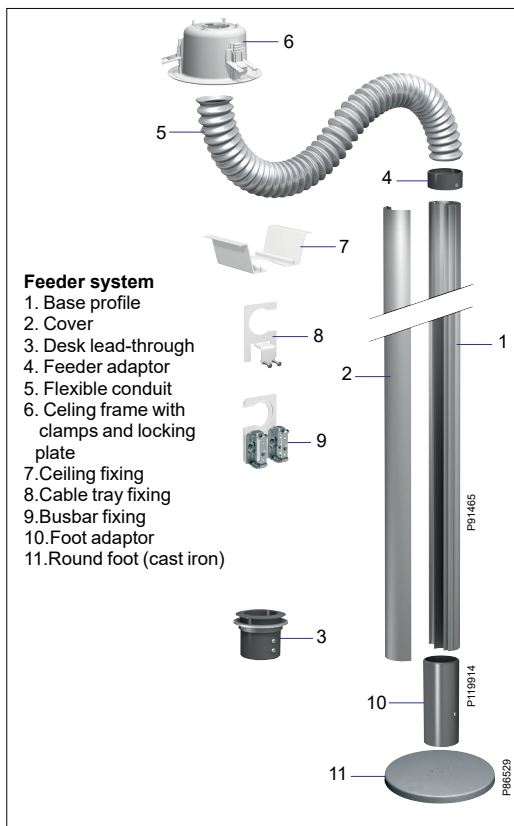
Cable capacity

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

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

Dimensions

Desk unit with flip lid — 295, 142

6-sided pop-up unit — 236, Ø216

Basic desk unit — 60, 60

1-sided pop-up unit — Ø100

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

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