Installation System OptiLine 50

Catalogue 05/2019
Supreme simplicity and pure performance

se.com

Life Is On | Schneider Electric

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Installation system
OptiLine 50

Discover what OptiLine 50 can do for you

OptiLine 50 is a state-of-the-art solution in every aspect; easy to install and use, environmentally optimised, totally integrated, flexible and adjustable – and in appealing, timeless design.

So whether you are the specifier, installer, building owner or tenant, you will benefit from the outstanding installation infrastructure of OptiLine 50. Enjoy all the advantages, from the tool-less click-in technology to the extensive installation possibilities, granting easily accessible power and data for the users.

When design and function speak the same language

OptiLine 50 installation system sets the standard for more effective installations. Loads of considerable benefits will make your work easier, regarding both better installations in the future and a smarter everyday life. Try it out and discover a source for greater business potential.

By and for professionals

OptiLine 50 was developed in close co-operation with more than 250 electricians, consultants and users. They have continuously provided us with their views on our ideas. After that, they have tested, tested and tested. As a result, OptiLine installation system includes only the solutions that passed their strict judgement. For who knows better than you what you need?

P112685

Trunking

On the wall, high up or right down – install our trunking wherever it suits you. Choose between aluminium, halogen-free plastic, PVC or steel.

P140745

Outlet poles

Outlet poles provide excellent flexibility for the end-user. Just move around power and network access wherever it is needed.

Furniture boxes

Our broad range of furniture boxes allows you to choose between for instance turnable, flush-mounted or pop-up versions, for an attractive-looking accessibility.

P151123

Outlet posts

Power and network supplied from underneath the floor, give the user supreme accessibility through stable and easy-to-mount outlet posts.

P112682

Floor boxes

The OptiLine range offers smart solutions for stationary floor installations with robust and easy-to-mount floor boxes in plastic or stainless steel.

P112679

Quick-couplings

The OptiLine quick-couplings come in different versions, all offering smart and fast ways of installing.

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A-CB1C GR2

Secured performance in every detail

To us, any product development is the result of a journey built up by gathering new information, learning new technology and accumulating new experiences. And our installation system is no exception. Every component has been refined and carefully tested over 25 years, to meet the toughest demands from professionals.

Innovative and effective solutions

The OptiLine range includes all the parts you need, so you won't have to make time- and effort-consuming improvisations. Smart features like quick-couplings, tool-less click-in-technology and pre-wired products let you enjoy quick and flexible installation procedures. All our systems are fully integrated, which means you can equip the entire building by contacting one supplier only.

Quick-couplings

A double outlet with a connection interface and the smallest 3-phase block on the market. Distribution blocks provide many alternatives.

Hidden outlets

The 140H trunking is equipped with a cover over the outlets, enabling easy cleaning and reduced electrical radiation by up to 85% while supplying an elegant look.

Make your installations in half the time!
OptiLine 50 is the piece to make the Schneider Electric offer for buildings complete. OptiLine 50 enables us to offer an uninterrupted chain of quick and smart solutions.

Floor lead-through

An elegant way of making power accessible in the middle of the room. Our neat floor grommet combines practicality with a nice look. With busbar trunking and mesh trays under the floor you get access to power and data networking. Just make a hole and install a floor grommet and an outlet post. Rearrangement? Put the cover back and the floor looks nice again.

Mini Pop-up

The perfect solution for the small or occasional need: Our discreet Mini Pop-up, excellent in for instance desks or for waiting rooms, schools, libraries, etc.

Simplicity at its best

Thanks to a vast offer of pre-wired products and click-in-technology, you can work with almost no tools. Just assemble and plug in, it's as simple as that.

Neat and tidy

Since the main part of the installation planning is made when ordering, you won't have to adjust and improvise on the spot. Many of the parts and cables will come in finished pieces, which means less waste and shorter installation time.

The unique floor grommet works wonders for flexibility. Just remove the centre cover and connect a pre-wired post or furniture box. Rearrangement? Put the cover back and make a new hole for a grommet where needed.

The most simple thing: pre-wired

Ordering pre-wired products is by far the fastest and easiest working method. It requires a bit more planning before the installation, but once in place it is unbeatable. Just plug it in, and the installation is ready.

The built-in flexibility principle of OptiLine 50 makes it easier not only to enlarge the installation. It is also quite simple to dismount and re-use the system.

Second simplest: Click-click, ready!

Our OptiLine 50 trunking really makes the most of smart design and installer-friendly solutions. All accessories are easily snapped into the trunking. Outlets and quick-couplings are also "click"-fitted, making the installation quick and reliable. Still it is impressively flexible – to dismount a click-in-installation is just as easy.

Quick-couplings & outlets
Keeping installation time on your side

OptiLine 50 is a system that was developed from the experience of 25 million metres of installed Thorsman trunking (INKA,TEK, TAS, etc., with CAN and CYB outlets). We learnt that cable stripping and coupling are the most time-consuming factors. OptiLine 50 lets you work in the conventional manner if you like, but why not take the opportunity to get twice as much done? Quick-couplings are here to stay.

P141195

Make savings on time and effort

3-phase feeding and tapping off one phase at a time is a frequently used, but quite time-consuming method for acquiring an even phase distribution. With OptiLine 50 double outlet and installation couplers you can make impressive savings: what usually takes 20 minutes can now be done in 20 secs. And you work entirely outside the trunking.

The double outlet handles both 1-phase and 3-phase together with Wieland installation couplers. Distribution blocks let you make a tap-off from the 3-phase wherever you like. If an ordinary cable is preferable, use the distribution block for 1-phase with integrated IDC connection, or the OSI connector. Thus, coupling will be extremely quick to use.

+

For a perfect function, the specifier would already have listed the lengths of the cables. Then work on site would always be fast and smooth.

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Quick-couplings & outlets
Enjoy making faster installations

Use of time-saving functions like for instance quick-couplings and trunking with removable covers, will reduce the working-time required for an installation by half. In other words, you can do twice as many jobs in the time usually required for one.

Another way of thinking – and working

With all due respect for your qualities as a professional – but why spend time stripping cables and screw-fixing when there are simpler and above all faster ways to work? OptiLine helps you use your time better. Try and you'll see.

Easy to connect other functions

Simple as it is to install OptiLine 50 components, it is equally simple to connect other functions. Just connect and plug in.

Networks in no time

The LexCom modular jacks are also installed using IDC technology. Estimated mounting time: 30 seconds per jack!

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P112673

Great products do half the work – at least

3-phase distribution

A distribution block allows you to tap off from the 3-phase distribution wherever needed. Sometimes you may prefer to use an ordinary cable, in which case you choose the 1-phase distribution block with integrated IDC connection. Thus, the coupling will be quick and tool-less.

Quick coupling with double outlet

Handling both 1-phase and 3-phase together with gesis installation couplers, the double outlet is a hero when it comes to time efficiency. The connection interface enables direct connection of numerous outlets, as well as earth tap off to front cover and base. Also, the outlet is adapted to the most frequent marking systems on the market.

OSI = Open Schneider Interface

With the OSI connector, the OptiLine system allows installation without or in conjunction with quick-connect cables. There is no need for meticulous planning, since you just assemble the connector to any length of cable you like. Choose either push-in or screw type terminal block for use together with two cables, up to 3x2.5 mm².
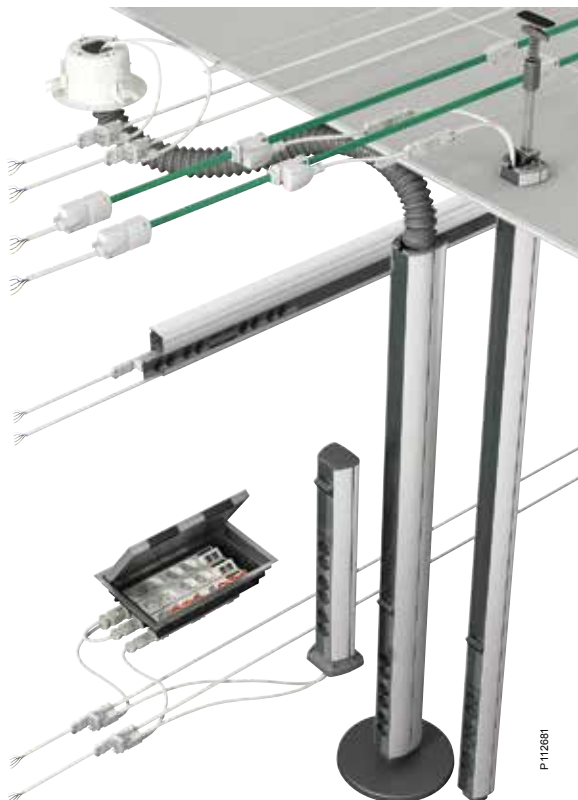
Distribution blocks with IDC

"Insulation Displacement Connection" provides quick connection without stripping of the conductors. Just place the conductors in our unique distribution block and squeeze – ready-connected!

# Quick-couplings make the most of thorough planning

With accurate planning you can gain much time by choosing installation couplers and click-in-technology instead of stripping cables and screw-fixing. What is normally done in 20 minutes will suddenly only take 20 seconds.

Slim outlets – big cable capacity.

The smallest 3-phase system on the market
Wieland GST 15i5 installation coupler, together with the smallest 3-phase distribution block on the market, specially designed for OptiLine 50, makes your work fast and safe. It only takes a second to tap the desired phase off. The three distribution blocks L1, L2 and L3 will help you to get the correct order of the phase distribution.
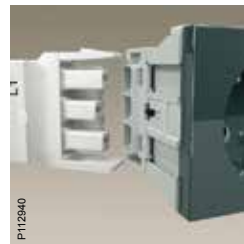
OSI – connect with a simple click!
Use our distribution blocks and outlets with OSI instead of stripping cables, connecting and strain relieving.

Simple, clear and quick marking
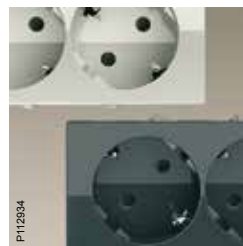The label windows have been adapted to suit Dymo, Brother and Fleximark marking systems.
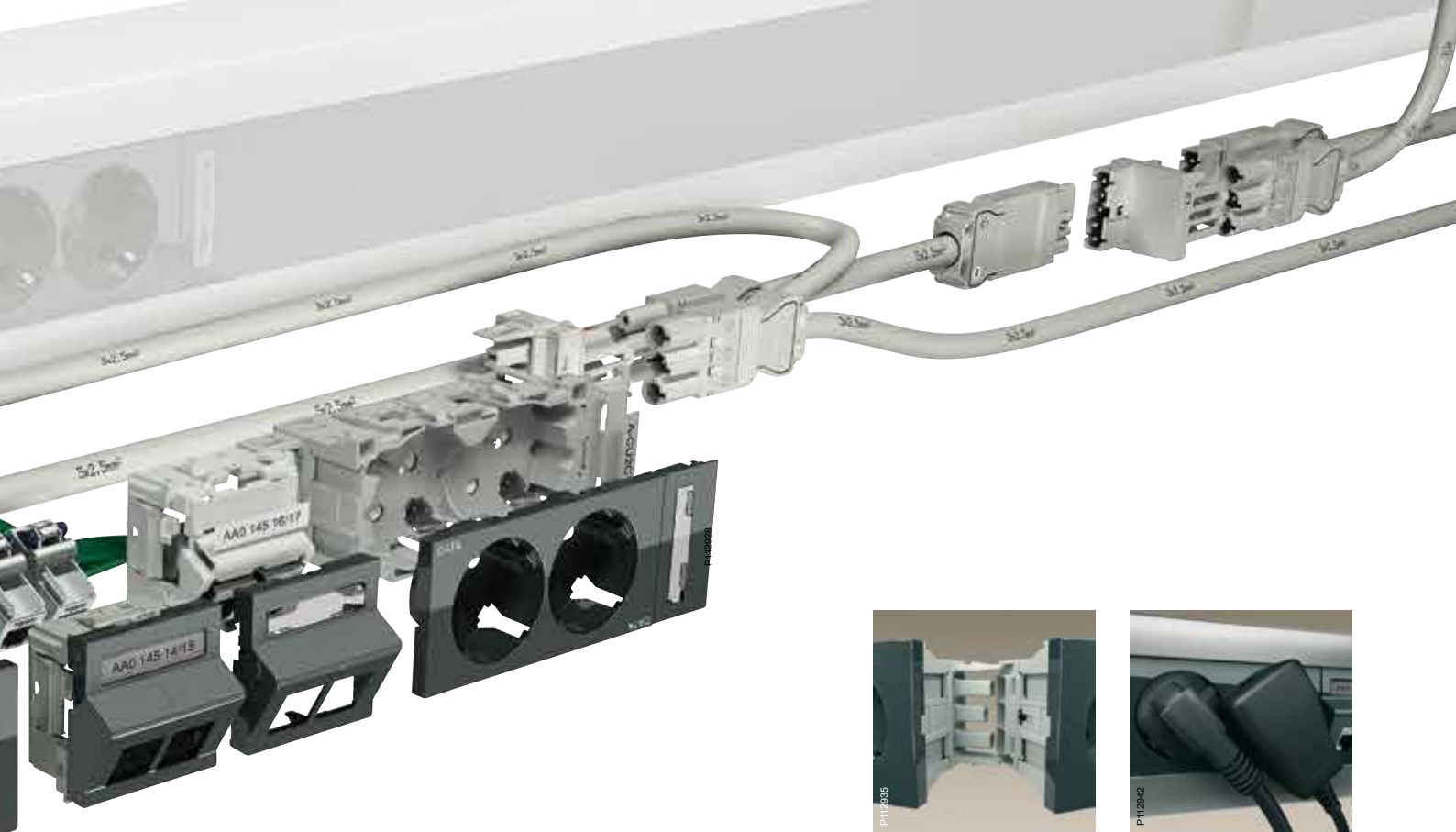
OSI – quick-coupling all the way
Easily connect outlets as required.

Angled outlets – handy
The outlets have a plug-in angle of 45° for easy use.

30 seconds for net-connection
The tool-less "crocodile" lets you connect to the data network in less than 30 seconds.

Dark grey or white, both high-gloss
The outlets have a high-gloss finish, facilitating cleaning and providing an elegant touch.

Big choice of outlets and devices!
You have a big selection of outlets and devices for OptiLine 50.

Separate outlets for data
Special outlets marked DATA eliminate connection of the computer and the vacuum cleaner to the same group.

OSI – Open Schneider Interface

A quick interface was not enough when designing OptiLine 50. To make it connectable to other frequent systems on the market we made it open as well. As easy as it gets.

The OSI connector
The 1-phase connector offers exceptional flexibility by the opportunity to work with cable by the meter. Choose either push-in or screw plint.

IDC connector
This 1-phase distribution block is an easy way to save your installation when a quick-connect-cable is not suitable. With integrated IDC-connection.

Earth terminal
New standards require earthing and potential balancing. Swift as lightning with two quick-clamps for both base and front cover.
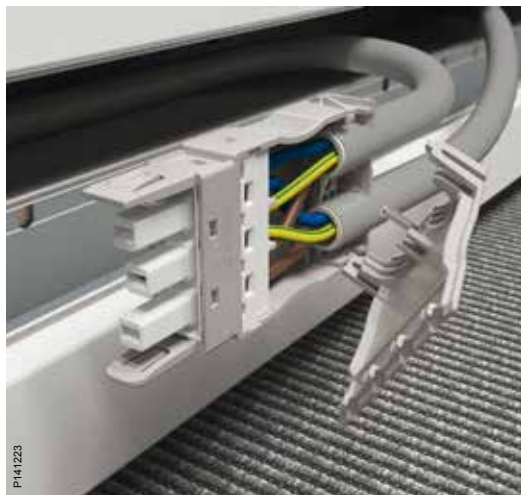
Distribution block
Smallest on the market and available in several designs for all situations. Amazingly time-saving.

Other systems
OptiLine 50 also includes 1-phase distribution blocks for Wago and Ensto.

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Fast, simple and no need for preparation

Sometimes the exact conditions at a building site are unknown to you, and you might have to improvise on site. Thanks to the open interface that lets you combine OSI connectors and IDC distribution blocks with traditional cable and quick-couplings, you can relax knowing the
material you work with is flexible and versatile enough.

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P112716
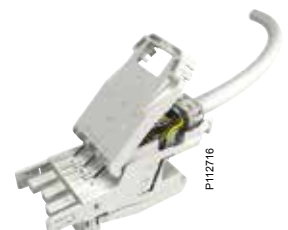
Low planning
Work the way you are used to, using cable by the meter. Just grab a cable roll and a box of connectors or distribution blocks, and you're ready to go.

Equipment close at hand
With the right material in the car, you can take on any challenge out in the field. Some extra trunking and a couple of cable rolls get you prepared for all those jobs you cannot plan ahead.

OSI connector
The 1-phase connector offers exceptional flexibility by the opportunity to work with cable by the meter. Choose either push-in or screw plint.

IDC connector
An easy way to save your installation when a quick-connect cable is not suitable. With integrated IDC-connection.
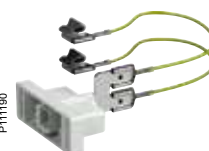
Quick feeding cable
A quick coupling at one end and stripped wires at the other. Delivered in lengths 1-10 m.

Distribution block
For easy 1-phase installations with tool-less click-in technique. Just click-in to the outlet, connect cables and mount into the trunking.

Earth terminal
New standards require earthing and potential balancing. Swift as lightning with two quick-clamps for both base and front cover.
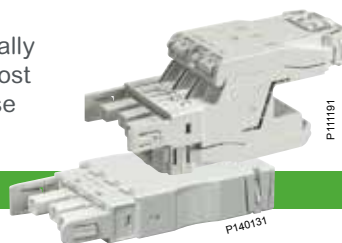
A quick guide to much faster installations

1-phase installations:

Fast classic installation

with 1-phase traditional cables and Tool-less IDC

Now you can really speed up the most common 1-phase installations.

Quick and simple

with 1-phase 3G 1.5 mm^2 Quick-connect cables

Swift 1-phase installations with tool-less click-in technique.

up to
10x
faster
with quick-connect installations

Installing has never been easier

Products like quick-couplings and distribution blocks offer a new way of working – simpler and faster. With OptiLine you always work outside the trunking, which means you don't have to deal with trying to fit several components into cramped spaces. The time-saving features help you considerably cut down installation time and make OptiLine the natural alternative to traditional trunking installations.

3-phase installations:

Maximum speed

with 3-phase bus 5G 1.5 mm^2 Quick-connect cables

Quick-connect cables make your 3-phase installations faster than ever.
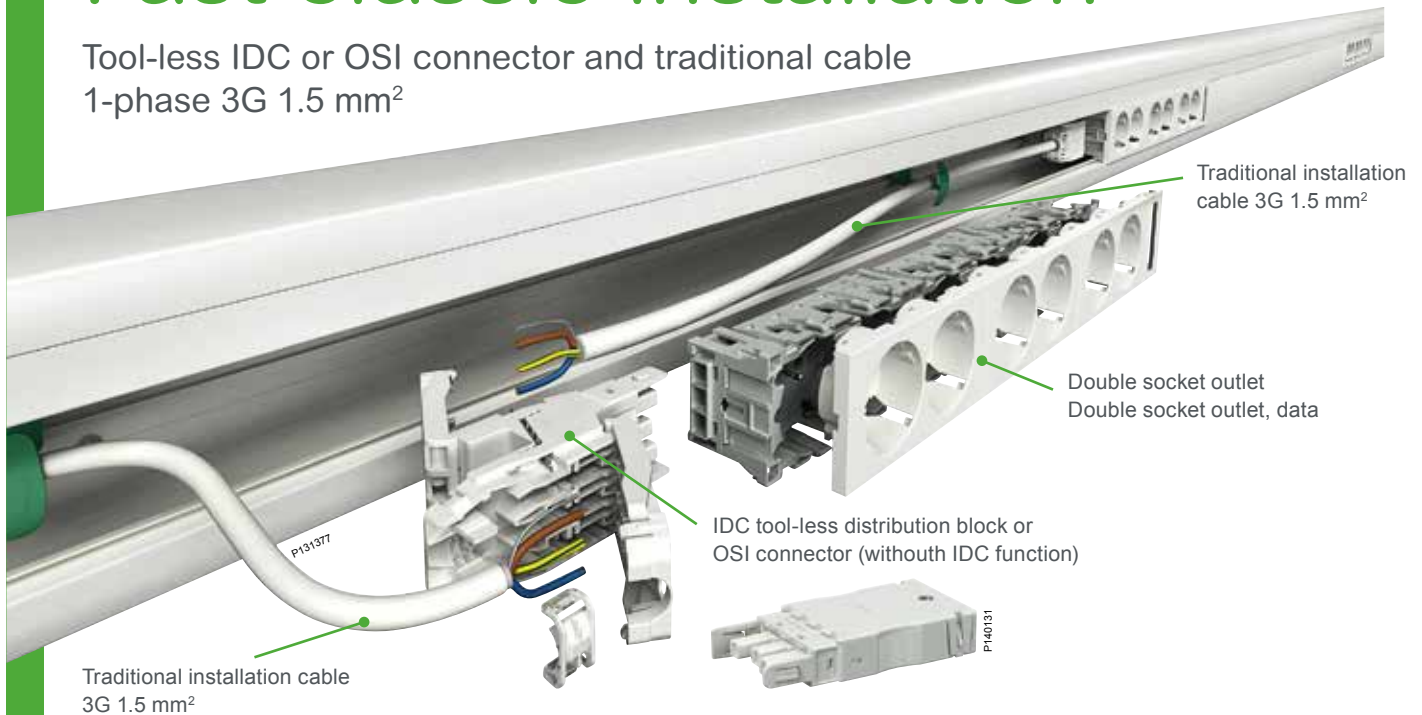
Maximum flexibility

with 3-phase bus 5G 2.5 mm^2 + 3G 2.5 mm^2 Quick-connect cables

Make the installation without pre-deciding the exact position of the outlets.

Fast classic installation

Tool-less IDC or OSI connector and traditional cable
1-phase 3G 1.5 mm^2

Traditional installation
cable 3G 1.5 mm^2

Double socket outlet
Double socket outlet, data

IDC tool-less distribution block or
OSI connector (withouth IDC function)

Traditional installation cable
3G 1.5 mm^2

With the OptiLine
IDC distribution
block, you can make
the most common
1-phase installations
in half the time.

For maximum convenience, always work outside of the trunking.

1. Put the cables into the trunking. Fixate with the green Cable holders.

2. Strip the cable jacket only (not the cords) and connect to the IDC.

3. Click-fit the IDC to the socket outlet. Add outlets.

   This operation can also be made with an OSI connector that handles both in- and outgoing cables.

4. Click-in the outlet assembly into the trunking.

5. Fit the socket covers. Done!

Quick and simple

GST18 Quick-connect cables
1-phase 3G 1.5 mm^2

The "Helping hand" Cable holder

Double socket outlet
Double socket outlet, data

Distribution block GST18/OSI

Feeding cable 3G 1.5 mm^2 GST18*
5 m
* Available also in shielded version.

Extension cable 3G 1.5 mm^2 GST18*
3 m
Handles module office rooms from 2.1-3.0 m.

+

Using tool-less click-in technique and just a few clever components, you can make 1-phase installations faster than ever.

For maximum convenience, always work outside of the trunking.

1. Put the GST-cables into the trunking. Fixate with the green Cable holders.

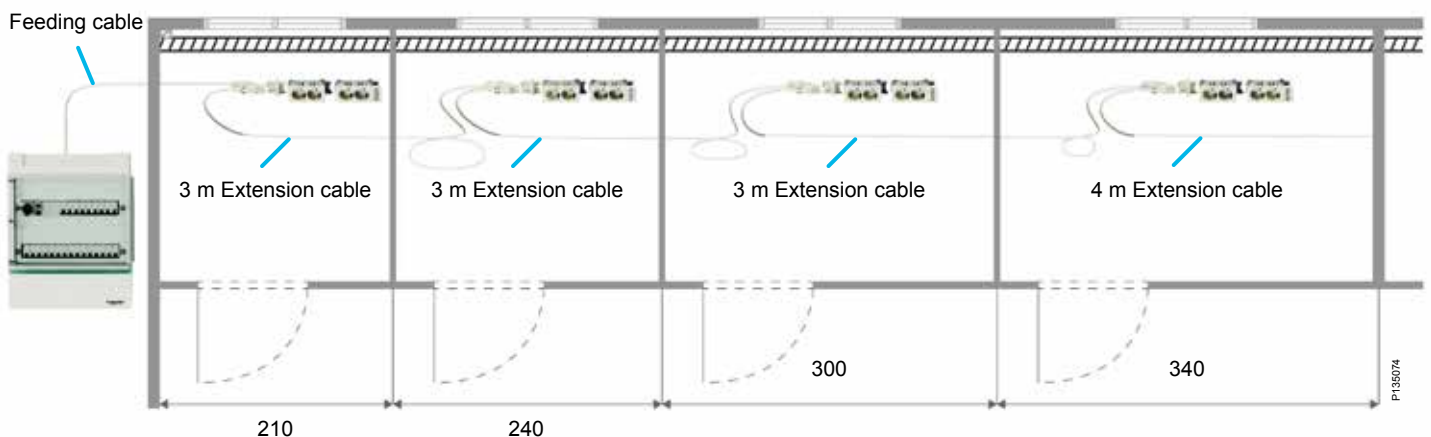2. Click-fit the distribution block to the socket outlet.

3. Connect the feeding cable and extension cables to the distribution block. Add outlets.

4. Click-in the outlet assembly into the trunking.

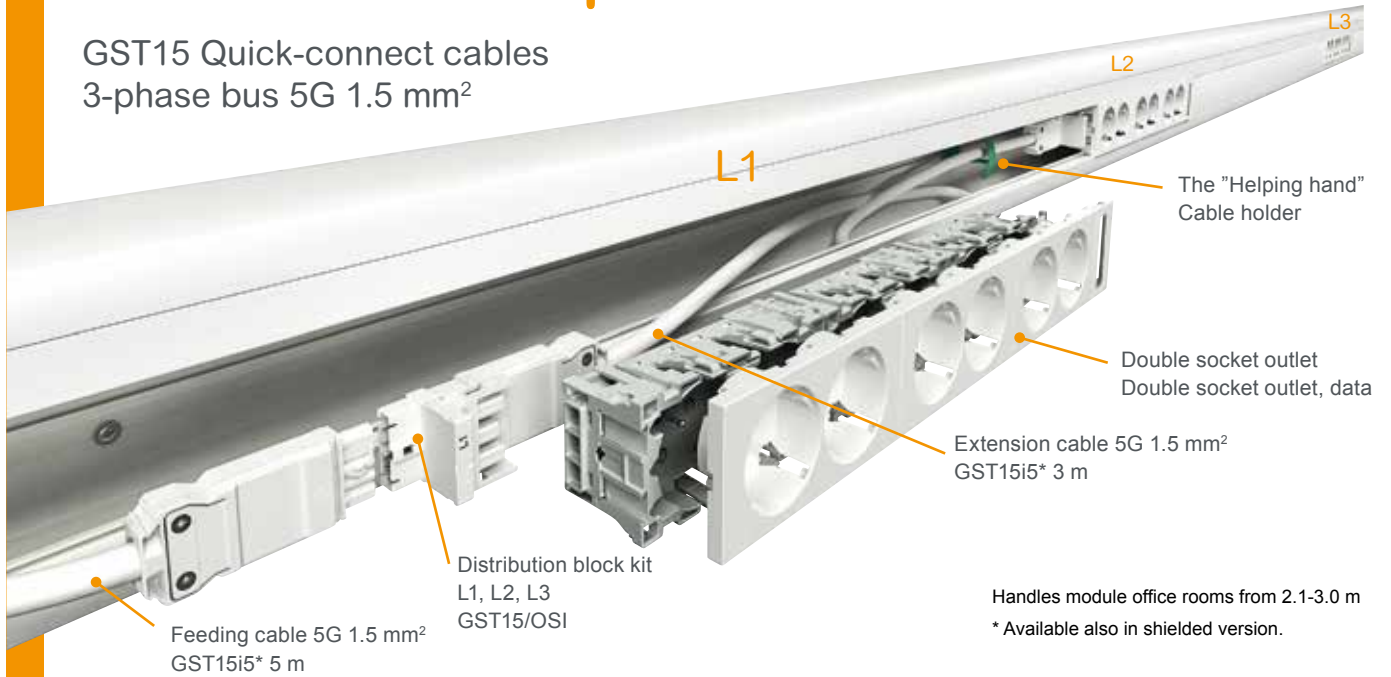5. Fit the socket covers. Done!

Make it simple

If every detail of the installation is not fully specified, a good advice is to use extension cables with a minimum of different lengths. Just make a loop of what is left over.

Feeding cable

3 m Extension cable

3 m Extension cable

3 m Extension cable

4 m Extension cable

300

340

210

240

Maximum speed

GST15 Quick-connect cables
3-phase bus 5G 1.5 mm^2

L3

L2

L1

The "Helping hand" Cable holder

Double socket outlet
Double socket outlet, data

Extension cable 5G 1.5 mm^2
GST15i5* 3 m

Distribution block kit
L1, L2, L3
GST15/OSI

Feeding cable 5G 1.5 mm^2
GST15i5* 5 m

Handles module office rooms from 2.1-3.0 m

* Available also in shielded version.

+

Quit cable stripping and screw and push-in termination. The installation above is 10 x faster to install compared to traditional installation methods.

For maximum convenience, always work outside of the trunking.

1. Put the GST15-cables into the trunking. Fixate with the green Cable holders.

2. Click-fit the GST15-cables to the distribution block (L1, L2 or L3).

3. Click-fit the distribution block to an outlet. Add outlets.

4. Click-in the outlet assembly into the trunking.

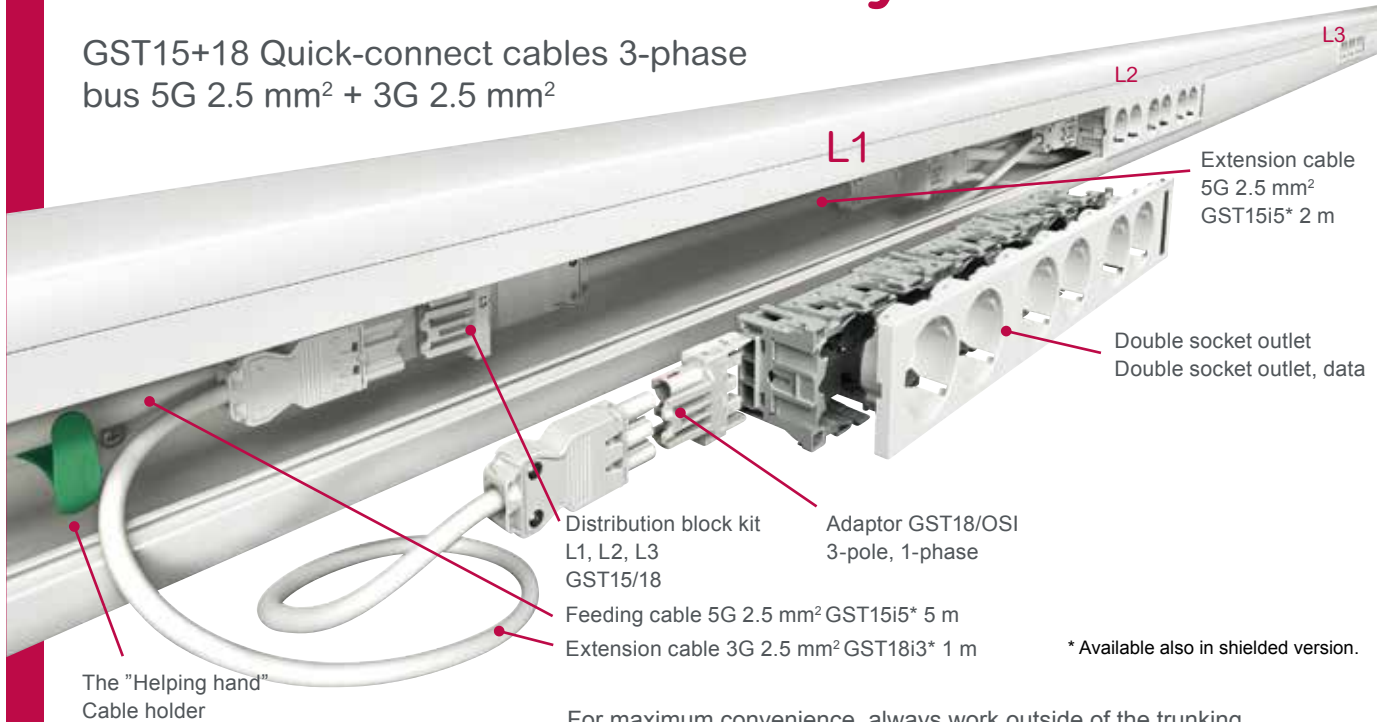5. Fit the socket covers. Done!

Use only one cable

With the OptiLine 3-phase Quick-connect bus you are faster than anyone and yet fully flexible. Just make a loop and you can place another drop-off at the exact spot in a flash.

Make loops for exact positions of the outlets
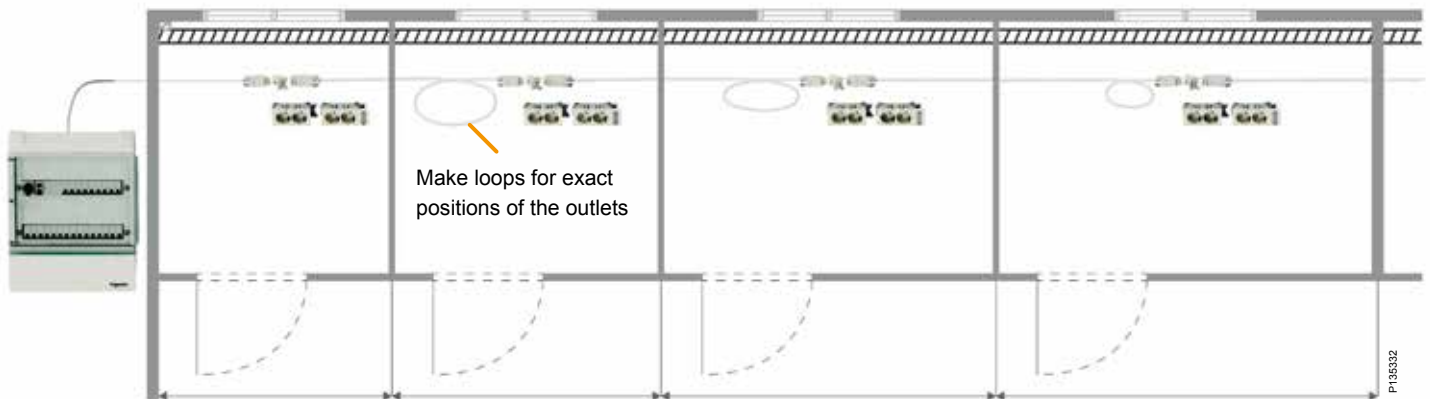
Maximum flexibility

GST15+18 Quick-connect cables 3-phase bus 5G 2.5 mm^2 + 3G 2.5 mm^2

L3

L2

L1

Extension cable
5G 2.5 mm^2
GST15i5* 2 m

Double socket outlet
Double socket outlet, data

Distribution block kit
L1, L2, L3
GST15/18

Adaptor GST18/OSI
3-pole, 1-phase

Feeding cable 5G 2.5 mm^2 GST15i5* 5 m

Extension cable 3G 2.5 mm^2 GST18i3* 1 m

* Available also in shielded version.

The "Helping hand"
Cable holder

+

The energy bus system lets you make the installation without pre-deciding the exact position of the outlets. And it's still as easy as it can possibly be.

For maximum convenience, always work outside of the trunking.
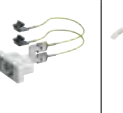
1. Put the GST-cables into the trunking. Fixate with the green Cable holders.
2. Click-fit the GST15 Feeder-cable to the distribution block (L1,L2 or L3) and the Extention-cable to the next block.

3. Click-fixate the distribution block in the trunking bottom
4. Click-fit the GST18 Extension-cable to the distribution block and the other end to the OSI-Adaptor then to the outlet. Add outlets.

5. Click-in the outlet assembly into the trunking.
6. Fit the socket covers. Done!

Feel free

Using the OptiLine 3-phase bus system as a base means you are totally free to adapt the installation to any future office layout. Just add another 1-phase extension cable and a few outlets to finish another convenient workplace.

2 m Extension cable in the energy bus

2m GST15 Extensions makes the dynamic bus

1 m Extension cable = 2 m Action ratio
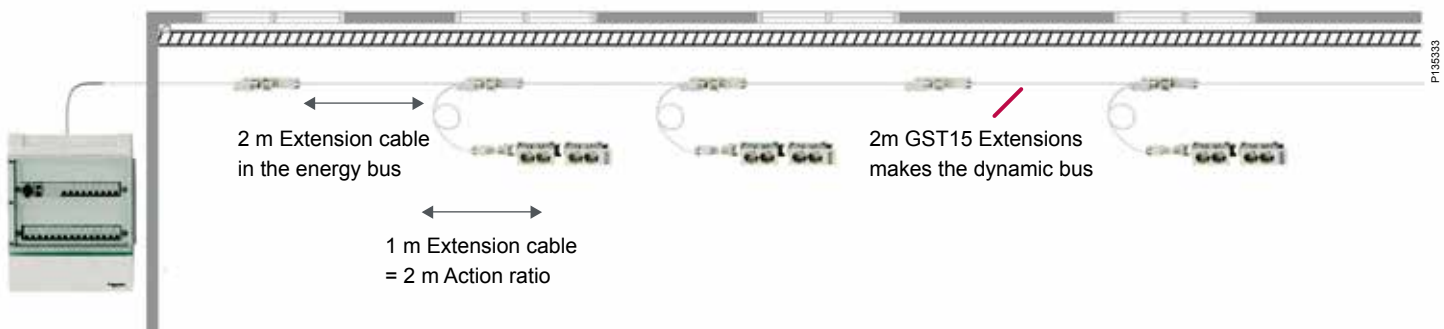
| Choice guide	Distribution block IDC	Adaptor GST18/OSI	Distribution block GST18/OSI	Distribution block GST15/18	Distribution block GST15/OSI	Earth terminal	1-phase shielded or unshielded	3-phase shielded or unshielded
	INS60020 INS60050 INS60051	INS60010	INS60011	INS60030 INS60031 INS60032 INS60033	INS60034 INS60035 INS60036 INS60037	INS60040	Rigid and fine-stranded cables 0.75-2.5 mm²	Rigid and fine-stranded cables 0.5-2.5 mm²
Socket outlets, INS62000 INS62002 INS62001 INS62003	●	●	●		●	●		
Connector, 3-phase Female INS70000				●	●			●
Connector, 3-phase Male INS70001				●	●			●
Connector, 1-phase Female INS70010		●	●				●	
Connector, 1-phase Male INS70011			●	●			●	
Feeding cables GST 15i5, female INS74201 **Shielded** INS74205 INS74501 INS74208 INS74505 INS74210 INS74508 INS74510				●	●			
Feeding cables GST 18i3, female INS76225 **Shielded** INS76229 INS76501 INS76232 INS76505 INS76234 INS76508 INS76510		●	●					
Extension cables GST 15i5, female/male INS74000 **Shielded** INS74001 INS74300 INS74002 INS74301 INS74003 INS74302 INS74004 INS74303 INS74005 INS74304 INS74008 INS74305 INS71000 INS74308 INS71001 INS71002 INS71003 INS71004 INS71005 INS71008				●	●			
Extension cables GST 18i3, female/male INS76025 **Shielded** INS76026 INS76301 INS76027 INS76302 INS76028 INS76303 INS76029 INS76304 INS76032 INS76305 INS76308		●	●	●				
Connection cables GST 18i3, male INS76126 **Shielded** INS76402			●	●				
1-phase installation cable Rigid cables 1.5-2.5 mm² Unshielded/shielded	●							

Quick-connections all the way!

Quick infrastructure

There is a Canalis busbar trunking for every need, many of which are perfectly suited to create the infrastructure to feed OptiLine.
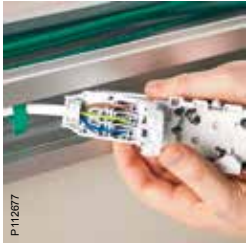
IDC connector

Quick-coupling is based on pre-connected cables. Though sometimes you have to improvise using traditional cables. In such cases the IDC connector will save you.

Quick-coupling

The same installation couplers both in, to and between the OptiLine installation systems. As easy as can be.

Click-in

With installation 2.0 the use of a screwdriver is rare.

The fundamental element of OptiLine 50

The fundamental element of OptiLine 50 is the design of a homogenous and high-speed installation system. Everything fits in and we have also made it impossible to make erroneous connections. And in addition the connections match other products, like for instance Canalis power distribution.

Wiring devices for all needs

OptiLine 50 has a range of dedicated wiring devices covering the most common needs. Socket outlets, switches, dimmers, presence detectors, network connectivity outlets and DIN enclosures are all included in the standard range, available from stock. Do you need other functions for increased comfort and energy efficiency?
No problem, we can also offer a complete range of electronic products to suit your needs.

Standard from stock

Here you can see an overview of the wiring devices dedicated for OptiLine 50. They are all available in several versions and in two colours (white and dark grey). The functional inserts, for example the switches, can all be turned 90° in the universal adaptor to give a correct user interface in both horizontal and vertical mounting.

Double socket outlets with OSI (Open Schneider Interface)

Switches   Push dimmers   Rotary dimmers

DIN enclosures

Presence detectors

Network connectivity outlets

Example of horizontal mounting

Adaptor mounted horizontally with a switch, and with the rockers in a correct user interface.

Example of vertical mounting

The same adaptor mounted vertically with the same switch, still with the rockers in a correct user interface.

Complete range of functions on request

OptiLine 50 can also be equipped with all types of modern electronic functions for increased comfort, safety and energy efficiency. Just use the empty adaptor for wiring devices and insert any function. We can offer all available functions from our global, well-known and extensive Unica range.

P126236

P127329 **+** P117326 **=** P127330

Some examples of available functions

P87395

Weather station

P87348

Key-card switch

P87274

Socket-outlet with shutter

P87415 P87418

Indicator lamp, orange/green

P87324

Push-button locator lamp

P87420

Buzzer and electronic door bell

P86079

Emergency light

P117326

KNX room temperature control

P117314

KNX push-button

P87403

RCD switch

P87414

Key switch

P87422

Cable outlet

Socket outlets

	Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
	Socket outlets, double, OSI					
	Double socket outlet with side earthing system, label window and label. OSI termination. Shuttered. Hole pattern 45°. To be snap-fitted in the front opening. Material: PC/ABS.					
P135730 P135732 P110473 P135731 P110474	OSI termination	White Dark grey Red Orange Green	50/40/120	1	3606485114972 3606485114996 3606480568251 3606480568268 3606480568275	**INS62000** **INS62001** **INS62004** **INS62005** **INS62006**
P110475 P110476	OSI termination, DATA	White Dark grey	50/40/120	1	3606485114989 3606485115009	**INS62002** **INS62003**
	Socket outlet kit, double, OSI					
	Double socket outlet kit including outlet, side-earthed, with label window and label and OSI connector with push-in terminal block, 3-pole. Allows the use of regular installation cables 3 x 1.5 mm^2 or 3 x 2.5 mm^2. Material: PA, PC/ABS.					
P140133	Socket outlet kit, OSI termination	White	50/56/120	1	3606480581014	**INS62100**
P140134	Socket outlet kit, OSI termination	Dark grey	50/56/120	1	3606480581021	**INS62101**
	Socket outlets, double, push-in					
	Double socket outlet with side earthing system, label window and label. Push-in termination. Shuttered. Hole pattern 45°. To be snap-fitted in the front opening. Spare part for pre-wired products. Material: PC/ABS.					
P141647 P141648	Push-in termination	White Dark grey	42.7/54/100.4	1	3606485115016 3606485115030	**INS62010** **INS62011**
P141649 P141650	Push-in termination, DATA	White Dark grey	42.7/54/100.4	1	3606485115023 3606485115047	**INS62012** **INS62013**

Socket outlets, Danish standard

	Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
	Socket outlets, Danish standard, OSI					
	Double socket outlet acc. to Danish standard, with label window and label. OSI termination. Shuttered. Hole pattern 90°. To be snap-fitted in the front opening. Material: PC/ABS.					
P116899 P116900	OSI termination	White Dark grey	50/45/110	1	3606480185670 3606480185687	**INS62600** **INS62601**
P116901 P116902	OSI termination, DATA/EDB	White Dark grey	50/45/110	1	3606480185694 3606480185700	**INS62602** **INS62603**
	OSI termination, hospital	White Dark grey	50/45/110	1	3606480185717 3606480185724	**INS62604** **INS62605**
	Socket outlets, Danish standard, push-in					
	Double socket outlet acc. to Danish standard, with label window and label. Push-in termination. Shuttered. Hole pattern 90°. To be snap-fitted in the front opening. Material: PC/ABS.					
P116903 P116904	Push-in termination	White Dark grey	50/45/110	1	3606480185731 3606480185748	**INS62700** **INS62701**
P116905 P116906	Push-in termination, DATA/EDB	White Dark grey	50/45/110	1	3606480185755 3606480185762	**INS62702** **INS62703**
	Push-in termination, hospital	White Dark grey	50/45/110	1	3606480185779 3606480185786	**INS62704** **INS62705**

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Socket outlet covers, Danish standard

Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
Socket outlet covers, Danish standard					
Cover for double socket outlets acc. to Danish standard, with label window and label. Hole pattern 90°. To be snap-fitted in the front opening. Material: PC/ABS.					
Cover	White Dark grey	70/50/25	10	3606480185793 3606480185809	**INS62750** **INS62751**
Cover, DATA/EDB	White Dark grey	70/50/25	10	3606480185816 3606480185823	**INS62752** **INS62753**
Cover, hospital	White Dark grey	70/50/25	10	3606480185830 3606480185847	**INS62754** **INS62755**
Cover for Standby outlet	White Dark grey	110/50/5	10	3606480324581 3606480324598	**INS62756** **INS62757**
Cover for Standby outlet, DATA/EDB	White Dark grey	110/50/5	10	3606480324604 3606480324611	**INS62758** **INS62759**
Cover for Standby outlet, hospital	White Dark grey	110/50/5	10	3606480324628 3606480324635	**INS62760** **INS62761**

Socket outlets, Australian standard

Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
Socket outlets, Australian standard					
Double socket outlet according to Australian standard. Automatic switch. Screw termination, shuttered. Horizontal or vertical pattern, cable protection over the terminals included. Strain relief can be achived with cable tie, not included. To be snap-fitted in the front opening. Material: PC/ABS.					
Twin Fascia Horizontal	White Dark grey Red	50/46,5/100	5	9311554774844 9311554774820 9311554774868	**INS62021** **INS62020** **INS62022**
Twin Fascia Vertical	White Dark grey Red	50/46,5/100	5	9311554774905 9311554774882 9311554774929	**INS62024** **INS62023** **INS62025**

P116907 P116908
P116909 P116910
P148872 P148870 P148871
P148875 P148873 P148874

OptiLine 50
Dedicated Wiring Devices
Range

Socket outlets, Swiss standard

Socket outlets, Swiss standard, OSI

Double socket outlet acc. to Swiss standad, with label window and label. OSI termination. Shuttered. Hole pattern 90°.
To be snap-fitted in the front opening.
Material: PC/ABS.

OSI termination, 2 x T13, 10 A	White Dark grey Orange	50/44/145	1	3606480445170 3606480445187 3606480445194	**INS62200** **INS62201** **INS62202**
OSI termination, 2 x T23, 16 A	White Dark grey Orange	50/44/145	1	3606480445200 3606480445217 3606480445224	**INS62250** **INS62251** **INS62252**

Socket outlets, Swiss standard, push-in

Double socket outlet acc. to Swiss standad, with label window and label. Push-in termination. Shuttered. Hole pattern 90°. To be snap-fitted in the front opening.
Material: PC/ABS.

Push-in termination, 2 x T13, 16 A	White Dark grey Orange	50/44/145	1	3606480445231 3606480445248 3606480445255	**INS62203** **INS62204** **INS62205**
Push-in termination, 2 x T23, 16 A	White Dark grey Orange	50/44/145	1	3606480445262 3606480445279 3606480445286	**INS62253** **INS62254** **INS62255**

Socket outlets, Swiss standard, push-in

Single socket outlet, 3-phase, acc. to Swiss standard, with label window and label. Push-in termination. Shuttered.
Hole pattern 90°. To be snap-fitted in the front opening.
Material: PC/ABS.

Push-in termination, T15, 10 A	White Dark grey Orange	50/44/100	1	3606480445293 3606480445309 3606480445316	**INS62256** **INS62257** **INS62258**
Push-in termination, T25, 16 A	White Dark grey Orange	50/44/100	1	3606480445323 3606480445330 3606480445347	**INS62259** **INS62260** **INS62261**

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Dedicated Wiring Devices
Range

Flat cable connections

Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
Ecobus, flat cable termination					
Flat cable connection L1, Ecobus, with tap-off cable connected to double socket outlet with Swiss earthing system. Label window and label. OSI termination. Hole pattern 90°. To be snap-fitted in the front opening. Material: PC/ABS.					
Flat cable connection/ Socket outlet Ecobus 2 x T13, 10 A	White Dark grey Orange	50/100/140	1	3606480445392 3606480445453 3606480445514	**INS62303** **INS62309** **INS62315**
Flat cable connection/ Socket outlet Ecobus 2 x T23, 16 A	White Dark grey Orange	50/100/140	1	3606480445545 3606480445576 3606480445606	**INS62318** **INS62321** **INS62324**
Flat cable connection L2, Ecobus, with tap-off cable connected to double socket outlet with Swiss earthing system. Label window and label. OSI termination. Hole pattern 90°. To be snap-fitted in the front opening. Material: PC/ABS.					
Flat cable connection/ Socket outlet Ecobus 2 x T13, 10 A	White Dark grey Orange	50/100/140	1	3606480445408 3606480445460 3606480445521	**INS62304** **INS62310** **INS62316**
Flat cable connection/ Socket outlet Ecobus 2 x T23, 16 A	White Dark grey Orange	50/100/140	1	3606480445552 3606480445583 3606480445613	**INS62319** **INS62322** **INS62325**
Flat cable connection L3, Ecobus, with tap-off cable connected to double socket outlet with Swiss earthing system. Label window and label. OSI termination. Hole pattern 90°. To be snap-fitted in the front opening. Material: PC/ABS.					
Flat cable connection/ Socket outlet Ecobus 2 x T13, 10 A	White Dark grey Orange	50/100/140	1	3606480445415 3606480445477 3606480445538	**INS62305** **INS62311** **INS62317**
Flat cable connection/ Socket outlet Ecobus 2 x T23, 16 A	White Dark grey Orange	50/100/140	1	3606480445569 3606480445590 3606480445620	**INS62320** **INS62323** **INS62326**
Flat cable connection Ecobus, with tap-off cable connected to single socket outlet with Swiss earthing system. Label window and label. Hole pattern 90°. To be snap-fitted in the front opening. Material: PC/ABS.					
Flat cable connection/ Socket outlet 3-phase, Ecobus, 1 x T15, 10 A	White Dark grey Orange	50/100/140	1	3606480445637 3606480445644 3606480445651	**INS62327** **INS62328** **INS62329**
Flat cable connection/ Socket outlet 3-phase, Ecobus, 1 x T25, 16 A	White Dark grey Orange	50/100/140	1	3606480445668 3606480445675 3606480445682	**INS62330** **INS62331** **INS62332**
Technofil, flat cable termination					
Flat cable connection L1, Technofil, with tap-off cable connected to double socket outlet with Swiss earthing system. Label window and label. OSI termination. Hole pattern 90°. To be snap-fitted in the front opening. Material: PC/ABS.					
Flat cable connection/ Socket outlet Technofil 2 x T13, 10 A	White Dark grey Orange	50/100/140	1	3606480445361 3606480445422 3606480445484	**INS62300** **INS62306** **INS62312**
Flat cable connection L2, Technofil, with tap-off cable connected to double socket outlet with Swiss earthing system. Label window and label. OSI termination. Hole pattern 90°. To be snap-fitted in the front opening. Material: PC/ABS.					
Flat cable connection/ Socket outlet Technofil 2 x T13, 10 A	White Dark grey Orange	50/100/140	1	3606480445378 3606480445439 3606480445491	**INS62301** **INS62307** **INS62313**
Flat cable connection L3, Technofil, with tap-off cable connected to double socket outlet with Swiss earthing system. Label window and label. OSI termination. Hole pattern 90°. To be snap-fitted in the front opening. Material: PC/ABS.					
Flat cable connection/ Socket outlet Technofil 2 x T13, 10 A	White Dark grey Orange	50/100/140	1	3606480445385 3606480445446 3606480445507	**INS62302** **INS62308** **INS62314**

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Switches

	Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
	Connection kit, switch					
	Switch connection kit including switch with rocker/s, adaptor with cover, protective casing and label window/label. The switch/rocker part can be turned 90° to give correct user interface in horizontal or vertical mounting (see left-hand pictures). To be snap-fitted in the front opening. 250V 16 A. Material: PC/ABS.					
P111168 P111169	2-pole, 1 rocker	White Dark grey	100/40/50	1	3606485115054 3606485115061	**INS66100** **INS66101**
P111166 P111167	1-pole with spring return, 1 rocker	White Dark grey	100/40/50	1	3606485115078 3606485115085	**INS66102** **INS66103**
P111170 P111171	2 x 1-pole, 2 rockers	White Dark grey	100/40/50	1	3606485115092 3606485115108	**INS66104** **INS66105**
P111172 P111173	2 x 1-pole, 2-way with spring return for blinds, 2 rockers	White Dark grey	100/40/50	1	3606485115115 3606485115122	**INS66106** **INS66107**
P111166 P111167	1-pole, 2-way, 1 rocker	White Dark grey	100/40/50	1	3606485115139 3606485115146	**INS66108** **INS66109**

Electronics & other power

	Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
	Connection kit, dimmer					
	Dimmer connection kit including dimmer, adaptor with cover, protective casing and label window/label. The dimmer part can be turned 90° to give correct user interface in horizontal or vertical mounting. To be snap-fitted in the front opening. 250V 16 A. Material: PC/ABS.					
P112318 P112319	Dimmer 40-400 W/VA RL Rotary	White Dark grey	50/40/100	1	3606485115153 3606485115160	**INS66700** **INS66701**
	Dimmer 1-10 V Rotary	White Dark grey	50/40/100	1	3606485115177 3606485115184	**INS66704** **INS66705**
	Universal connection kit, dimmer					
P120862 P120864	Universal dimmer connection kit including push-button dimmer, adaptor with cover, protective casing and label window/label. The dimmer part can be turned 90° to give correct user interface in horizontal or vertical mounting. To be snap-fitted in the front opening. 250 V 16 A. Material: PC/ABS.					
	Dimmer 20-350 W/VA RC	White Dark grey	50/45/100	1	3606480297847 3606480297854	**INS66702** **INS66703**
	Connection kit, PIR					
P120863 P120865	PIR connection kit (movement detector) including PIR, adaptor with cover, protective casing and label window/label. The PIR part can be turned 90° to give correct user interface in horizontal or vertical mounting. To be snap-fitted in the front opening. 250 V 16 A. Material: PC/ABS.					
	PIR 2300W	White Dark grey	50/57/100	1	3606480297861 3606480297878	**INS66706** **INS66707**

Universal connection kit legend:
1 Incandescent lamps
2 230 V halogen lamps
3 Low voltage halogen lamps with ferro-magnetic tranformer
4 Low voltage halogen lamps with toroidal tranformer
5 Low voltage halogen lamps with electronic transformer
6 Dimmable fluocompact lamps
7 Ventilators
8 Heaters

PIR connection kit legend:
1 Incandescent lamps
2 230 V halogen lamps
3 Low voltage halogen lamps with ferro-magnetic tranformer
4 Fluorescent lamps with conventional ballast
5 Low voltage halogen lamps with electronic transformer
6 Dimmable fluocompact lamps
7 Ventilators
8 Heaters
9 Contactors

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Electronics & other power

Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
Connection kit, aerial outlet					
Aerial connection kit including aerial outlet, adaptor with cover, two strain relief devices, protective casing and label window/label. The aerial part can be turned 90° to give correct user interface in horizontal or vertical mounting. To be snap-fitted in the front opening. In accordance with the standards EN 50083-1, EN 50083-2 and EN 50083-4. Material: PC/ABS.					
Aerial outlet, TV, FM For TV/FM sockets: male individual connector delivers frequencies 47–860 MHz for land television, female connector 87–108 MHz to receive radio transmissions	White	53/50/100	1	3606480454486	**INS66760**
Aerial outlet, R/TV, SAT For R-TV/SAT sockets: male individual connector delivers frequencies 10–830 MHz for radio and land television, female connector reproduces the bandwidth 950–2400 MHz to receive television trans-missions via satellite	White	53/50/100	1	3606480454509	**INS66762**
DIN enclosure					
2-module DIN enclosure for mounting in service carriers with front F50. Suitable for 1-2 DIN modules. With hinged lid to protect the devices. To be snap-fitted in the front opening. Material: PC/ABS.					
DIN enclosure	White Dark grey	50/86/150	1	3606485124773 3606485124780	**INS68104** **INS68105**
Junction box					
Junction box including cover with label window. To be snap-fitted in the front opening. Material: PC.					
Junction box	White Dark grey	50/55/150	1	3606485137834 3606485124766	**INS68000** **INS68001**
Adaptor					
Adaptor for 45x45 module systems, including adaptor with cover, two strain relief devices, protective casing and label window/label. To be snap-fitted in the front opening. Material: PC/ABS.					
Adaptor	White Dark grey	50/40/100	1	3606480454462 3606480454479	**INS66750** **INS66751**
Label window kit					
Marking kit including window holder, transparent (smoke-grey) label window and label. Suitable for socket outlets. Material: PC/ABS.					
Label window kit	White Dark grey Orange	50/20/25	5	3606485115191 3606485115207 3606480445354	**INS60001** **INS60002** **INS60003**
Blind plate kit					
Blind plate kit including holder for socket outlet. Hides rough cut front cover, makes it easier to achieve IP40 and nice looking installation. Material: PC/ABS.					
Blind plate kit	White Dark grey	50/24/25	5	3606485435428 3606485435305	**INS60006** **INS60007**
Earth terminal					
Earth terminal with OSI interface including two 25 cm cables with flat pin connectors for earth connection of trunking base or cover. Material: PA6.					
Earth terminal	—	20/40/20	10	3606485115214	**INS60040**

P126311
P126313
P110478
P110479
P110480
P110481
P126236
P126237
P126351 P110482
P110483
P150285
P150286
P111190

VDI basic kits/accessories

	Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
	Mounting plate					
	Blank mounting plate to be used to enable future extension of VDI outlets. To be snap-fitted in the front opening. Material: PC/ABS.					
P110598 P110599	Mounting plate	White Dark grey	50/20/50	1	3606485115368 3606485115375	**INS64000** **INS64001**
	Basic kits					
	Basic kit including mounting frame, snap-fitted cover in angled or flat design, label window and label. To be snap-fitted in the front opening. Intended for various VDI connectors, see below. Material: PC/ABS.					
P110584 P110585	2 x Actassi S1-DPM[1], with dust caps	White Dark grey	50/30/50	1	3606485115306 3606485115313	**INS64100** **INS64101**
P110590 P110591	2 x Actassi S1-DPM[1], angled	White Dark grey	50/40/50	1	3606485115283 3606485115290	**INS64102** **INS64103**
P110586 P110587	1 x AMP 110 Keystone, Krone, CET, with dust cap	White Dark grey	50/30/50	1	3606485115245 3606485115252	**INS64110** **INS64111**
P111193 P111194	2 x AMP 110 Keystone, angled	White Dark grey	50/40/50	1	3606485115269 3606485115276	**INS64112** **INS64113**
P110584 P110585	2 x AMP 110 Keystone, with dust caps	White Dark grey	50/30/50	1	3606485115221 3606485115238	**INS64114** **INS64115**
P110590 P110591	2 x Actassi S-One slim[2]	White Dark Grey	50/40/50	1	3606480446986 3606480446993	**INS64140** **INS64141**
P110586 P110587	1 x R&M FreeNet, with dust cap	White Dark grey	50/30/50	1	3606485115320 3606485115337	**INS64120** **INS64121**
P110596 P110597	2 x Lucent M and G type, with dust caps	White Dark grey	50/30/50	1	3606485115344 3606485115351	**INS64122** **INS64123**
P110584 P110585	2 x Panduit Mini-COM, with dust caps	White Dark grey	50/30/50	1	3606485115382 3606485115399	**INS64126** **INS64127**
P110584 P110585	2 x Alcatel/Nexan LANmark, with dust caps	White Dark grey	50/30/50	1	3606485115429 3606485115436	**INS64128** **INS64129**
P110604 P110605	1 x D-sub 9 / VGA	White Dark grey	50/30/50	1	3606485115405 3606485115412	**INS64700** **INS64701**
	Basic kit including mounting frame, snap-fitted cover in angled design, two label windows and labels. To be snap-fitted in the front opening. Intended for Thorsman CYB mounting plates. Material: PC/ABS.					
P126238 P126239	Basic kit	White Dark grey	50/46/100	1	3606480422799 3606480422805	**INS64150** **INS64151**
	Dust cap/shutter					
	Dust cap/shutter to be used in data covers for dust protection of RJ45 connectors when there is no plug connected. Material: PC/ABS.					
P110600 P110601	Dust cap/shutter	White Dark grey	12/1/12	10	3606485134086 3606485134093	**INS64050** **INS64051**

Also suitable for:
[1] Old LexCom
[2] Old ELKO Infra+

RJ45 basic kits, Australia

	Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
	Basic kits					
	Basic kit including mounting frame, snap-fitted cover in flat design, label window and label. To be snap-fitted in the front opening. Intended for Keystone and 30 Mech RJ45 connectors. Material: PC/ABS.					
P148731 P148730	1 x 30 Mech/Keystone	White Dark grey	50/30/50	1	9311554774967 9311554774943	**INS62027** **INS62026**

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VDI basic kits, Multimedia modules

Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
Basic kit, multimedia module					
Basic kit including mounting frame for multimedia cables with AMP Keystone interface. To be snap-fitted in the front opening. Material: PC/ABS.					
Multimedia module	White Dark grey	50/30/50	1	3606485435367 3606485435350	**INS64200** **INS64201**
Multimedia modules					
Modules including mounting frame, snap-fitted cover in flat design, label window and label. To be snap-fitted in the front opening. Including various multimedia connectors pre-installed, see below. Material: PC/ABS.					
HDMI kit	White Dark grey	50/30/50	1	3606485435343 3606485435336	**INS64210** **INS64211**
Audio jack 3.5 mm kit	White Dark grey	50/30/50	1	3606485435275 3606485435268	**INS64212** **INS64213**
USB 3.0 kit	White Dark grey	50/30/50	1	3606485435398 3606485435381	**INS64214** **INS64215**
USB charger 2 x 1 amp	White Dark grey	50/45/100	1	3606485435411 3606485435404	**INS64216** **INS64217**
Cables for Multimedia modules					
Multimedia cables intended to be used together with multimedia modules INS64200 and INS64201. Keystone connector interface in one end and female connector in the other end. Material: HF plastic					
HDMI cable, Keystone/Female	-	5/10/200	1	3606485435329	**INS64220**
Audio jack 3.5 mm cable, Keystone/Female	-	5/10/200	1	3606485435251	**INS64221**
USB 3.0 cable, Keystone/Female	-	5/10/200	1	3606485435374	**INS64222**

P150276 P150277
P150281 P150280
P150279 P150278
P150283 P150282
P150274 P150275
P150284
P150273
P150272

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Adaptors

	Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
	Adaptor GST 18/OSI					
	Adaptor with gesis GST 18i3 male and OSI interface, 3-pole. Material: PA.					
	Male, 3-pole	White	16/37/55	10	3606485124568	**INS60010**
	Adaptor Wago/OSI					
	Adaptor with Wago Winsta male and OSI interface, 3-pole. Material: PA.					
	Male, 3-pole	Light grey	18/37/47	10	3606485124582	**INS60012**
	Adaptor Ensto/OSI					
	Adaptor with Ensto-Net male and OSI interface, 3-pole. Material: PA.					
	Male, 3-pole	Grey	14/37/48	10	3606485124605	**INS60014**

Distribution blocks

	Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
	Distribution block GST 18/OSI					
	Distribution block with gesis GST 18i3 female/male and OSI interface, 3-pole. With locking device Material: PA.					
	Female/male, 3-pole	White	32/40/55	10	3606485124575	**INS60011**
	Distribution block Wago/OSI					
	Distribution block with Wago Winsta female/male and OSI interface, 3-pole. Material: PA.					
	Female/male, 3-pole	Light grey	36/40/50	10	3606485124599	**INS60013**
	Distribution block Ensto/OSI					
	Distribution block with Ensto-Net female/male and OSI interface, 3-pole.. Material: PA.					
	Female/male, 3-pole	Grey	30/40/48	10	3606485124612	**INS60015**
	Distribution block GST 15/18					
	Distribution block with one male input GST 15i5/ 5-pole and one female output L1, L2 or L3 GST 18i3 3-pole. Material: PA.					
	L1	White	35/32/44	10	3606485124643	**INS60030**
	L2	White	35/32/44	10	3606485124650	**INS60031**
	L3	White	35/32/44	10	3606485124667	**INS60032**
	Kit including 1 each of L1, L2, L3	White	35/32/44	1	3606485124674	**INS60033**
	Distribution block GST 15/OSI					
	Distribution block with one male input GST 15i5/ 5-pole and one female output L1, L2 or L3 OSI 3-pole. Material: PA.					
	L1	White	33/39/45	10	3606485124681	**INS60034**
	L2	White	33/39/45	10	3606485124698	**INS60035**
	L3	White	33/39/45	10	3606485124704	**INS60036**
	Kit including 1 each of L1, L2, L3	White	33/39/45	1	3606485124711	**INS60037**

Connectors

	Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
	Connector, IDC					
	Connector block including two IDC connections, 3-pole, with shielding connection and one OSI female, IDC (IDC = Insulation Displacement Connection). No cable stripping required. Material: PA.					
	IDC	White	44/35/100	10	3606485124629	**INS60020**
	Connector, OSI					
	OSI connector with push-in or screw type terminal block, 3-pole, for use together with cables 3 x 1.5 mm² or 3 x 2.5 mm². With the OSI connector, the OptiLine system can be used together with regular installation cables, i.e. it allows installation without or in conjunction with quick-connect cables. Material: PA.					
	OSI connector, push-in With grey inner cover	Light grey	16/40/82	10	3606480580994	**INS60050**
	OSI connector, screw With white inner cover	Light grey	16/40/82	10	3606480581007	**INS60051**

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Connectors

	Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
	Connector, 3-pole					
	Cable connector GST 18i3, 3-pole, S B1 ZR1, with screw connection and strain relief. For rigid and fine stranded cables 0.75-2.5 mm², Ø6.5-10.5 mm, 250 V, 16 A, unassembled. Insulation strip length 7 mm. Sheath strip length 31 mm. Material: PA.					
P111185	Female	White	13/28/70	10	3606480072918	**INS70010**
P111184	Male	White	13/28/70	10	3606480072925	**INS70011**
	Connector, 5-pole					
	Cable connector GST 15i5, 5-pole, with screw connection and strain relief. For rigid and fine-stranded cables 0.5-2.5 mm², Ø7.8-13.5 mm, 250/400 V, 16 A, unassembled. Insulation strip length 8 mm, sheath strip length 40 mm. Material: PA.					
P111182	Female	White	15/32/78	10	3606485124797	**INS70000**
P111183	Male	White	15/32/78	10	3606485124803	**INS70001**

Cables

	Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
	Extension cables GST 15i5					
	Extension cable 3-phase GST 15i5 H05Z1A7Z1-F5G1.5, 5-pole 5 x 1.5 mm². Halogen-free cable Ø10.2 mm, 250/400 V, 16 A, female/male. Material: PE/PP (FR), PA.					
P110667	0.5 m	White	15/33/500	50	3606480297885	**INS71000**
	1 m	White	15/33/1000	30	3606480297892	**INS71001**
	2 m	White	15/33/2000	20	3606480297908	**INS71002**
	3 m	White	15/33/3000	15	3606480297915	**INS71003**
	4 m	White	15/33/4000	10	3606480297922	**INS71004**
	5 m	White	15/33/5000	10	3606480297939	**INS71005**
	8 m	White	15/33/8000	5	3606480297946	**INS71008**
	Extension cables GST 15i5					
	Extension cable 3-phase GST 15i5 H05Z1A7Z1-F5G2.5, 5-pole 5 x 2.5 mm². Halogen-free cable Ø12.3 mm, 250/400 V, 16 A, female/male. Material: PE/PP (FR), PA.					
P110667	0.5 m	White	15/33/500	50	3606480200618	**INS74000**
	1 m	White	15/33/1000	30	3606480200625	**INS74001**
	2 m	White	15/33/2000	15	3606485124872	**INS74002**
	3 m	White	15/33/3000	10	3606485124889	**INS74003**
	4 m	White	15/33/4000	8	3606485124896	**INS74004**
	5 m	White	15/33/5000	5	3606485124902	**INS74005**
	8 m	White	15/33/8000	4	3606480068300	**INS74008**
	Extension cables GST 15i5, shielded					
	Extension cable 3-phase GST 15i5 S05Z1A7Z1-F5G2.5, 5-pole 5 x 2.5 mm². Halogen-free cable, shielded, Ø12.5 mm, 250/400 V, 16 A, female/male. Material: PE/PP (FR), PA.					
P110667	0.5 m	White	15/33/500	40	3606480200632	**INS74300**
	1 m	White	15/33/1000	20	3606480200649	**INS74301**
	2 m	White	15/33/2000	10	3606480068317	**INS74302**
	3 m	White	15/33/3000	10	3606480068324	**INS74303**
	4 m	White	15/33/4000	8	3606480068331	**INS74304**
	5 m	White	15/33/5000	5	3606480068348	**INS74305**
	8 m	White	15/33/8000	4	3606480068355	**INS74308**
	Feeding cables GST 15i5					
	Feeding cable 3-phase GST 15i5 S05Z1A7Z1-F5G2.5, 5-pole 5 x 2.5 mm². Halogen-free cable Ø12.3 mm, 250 V, 16 A, female/free end with welded conductor ends. Material: PE/PP (FR), PA.					
P111174	1 m	White	15/33/1000	30	3606485124834	**INS74201**
	5 m	White	15/33/5000	5	3606485124841	**INS74205**
	8 m	White	15/33/8000	5	3606485124858	**INS74208**
	10 m	White	15/33/10000	3	3606485124865	**INS74210**
	Feeding cables GST 15i5, shielded					
	Feeding cable 3-phase GST 15i5 S05Z1A7Z1-F5G2.5, 5-pole 5 x 2.5 mm². Halogen-free cable, shielded, Ø12.5 mm, 250 V, 16 A, female/free end with welded conductor ends. Material: PE/PP (FR), PA.					
P111174	1 m	White	15/33/1000	20	3606480068379	**INS74501**
	5 m	White	15/33/5000	5	3606480068386	**INS74505**
	8 m	White	15/33/8000	4	3606480068393	**INS74508**
	10 m	White	15/33/10000	3	3606480068362	**INS74510**

Mounting plates

Mounting plates with various hole patterns, intended for use with mounting kits CYB-BK and with OptiLine 50 angled basic kit for CYB plates. The plates are available in three versions; with label holder, without label holder and with built-in shutter. Plates with shutter only fit CYB-BK6.
All plates except those with built-in shutter for CYB-BK6 can be mounted angled or flat, and they can all be fitted without tools.
Material: PC/ABS.

Without label holder · With label holder · With dust shutter

Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
Blank plates					
CYB-MP1 Blank plate without label holder, for future expansion or for hole cutting by client	Greyish-black White RAL 9010 White NCS	12/32/66	10	7315885971806 7315885971851 7315885971707	**5971800** **5971850** **5971700**
CYB-MP2 Blank plate with label holder, for future expansion or for hole cutting by client	White NCS	12/32/66	10	7315880052791	**5971701**
BNC, TNC, EAE					
CYB-DC Keyed hole for 1 x BNC, TNC, EAE, with label holder	White	12/32/66	10	7315880052807	**5971705**
CYB-DC Keyed double holes for 2 x BNC, TNC or EAE-2, with label holder	White	12/32/66	10	7315880052814	**5971706**
F, ST for cable TV or fibre					
CYB-DC Keyed double holes for 2 x F or ST, with label holder, for cable TV nets or fibre	White NCS	12/32/66	10	7315880052838	**5971708**
Thomas & Betts					
CYB-DP Thomas&Betts for 2 x 8-position modular jack STP, UTP and blind plug, with label holder	White NCS	17/32/66	10	7315880052852	**5971711**
Lucent					
CYB-DP Lucent for 2 x 8-position modular jack UTP and blind plug, with label holder	Greyish-black White RAL 9010 White NCS White RAL 1013	12/32/66	10	7315880040125 7315880042303 7315880052869 7315880083887	**5971809** **5971859** **5971712** **5971955**
AMP NetConnect					
CYB-DP AMP NetConnect for 2 x 8-position modular jack UTP Category 3 and blind plug, with label holder	White NCS	12/32/66	10	7315880052876	**5971713**
AMP NetConnect					
CYB-DP AMP NetConnect for 2 x 8-position modular jack STP, UTP, Krone Keystone UTP/STP and blind plug, with label holder	Greyish-black White RAL 9010 White NCS White RAL 1013	12/32/66	10	7315880040149 7315880042310 7315880052883 7315880083917	**5971812** **5971861** **5971714** **5971958**
IBM					
CYB-DP 1 x IBM cable system connector type 1, with label holder	White NCS	12/32/66	10	7315880052890	**5971715**
CYB-DP 2 x IBM GFP (Global Foot Print), with label holder	White NCS	12/32/66	10	7315880101963	**5971744**

OptiLine 50
Compatible products
Thorsman CYB

Mounting plates

	Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
	1 x D-sub					
P2030	**CYB-DP** 1 x D-sub 9 pole, with label holder	Greyish-black White RAL 9010 White NCS	12/32/66	10	7315880040156 7315880042365 7315880052937	**5971813** **5971866** **5971719**
P60457	**CYB-DP** 1 x D-sub 15 pole, with label holder	Greyish-black White RAL 9010 White NCS	12/32/66	10	7315880040163 7315880042372 7315885971721	**5971814** **5971867** **5971720**
P2032	**CYB-DP** 1 x D-sub 25 pole, without label holder	White NCS	12/32/66	10	7315880052944	**5971721**
	XLR, universal type					
P60458	**CYB-DP** 1 x XLR, universal type (male and female fit in the same hole pattern), with label holder	Greyish-black White RAL 9010 White NCS	12/32/66	10	7315880040200 7315880042396 7315880052951	**5971818** **5971869** **5971722**
	Modular Jack UTP & STP, Reichle & De-Massari					
P143107	**CYB-DP** 1 x 8-position modular jack UTP & STP, Reichle & De-Massari, without label holder	White NCS	18/32/66	10	7315880053019	**5971728**
P143108	**CYB-DP** 2 x 8-position modular jack UTP & STP, Reichle & De-Massari, without label holder.	Greyish-black White RAL 9010 White NCS	18/32/66	10	7315880042457 7315880042426 7315880053026	**5971824** **5971873** **5971729**
	1 port module, Reichle & De-Massari, FreeNet					
P2037	**CYB-DP** 2 x 1 port module from Reichle & De-Massari, FreeNet, without label holder	Greyish-black White RAL 9010 White NCS White RAL 1013	18/32/67	10	7315880078951 7315880078968 7315880078944 7315880083894	**5971841** **5971888** **5971741** **5971956**
	SC Duplex from AMP, Molex, Lucent Tech (Lucent), Dätwyler, Siecor					
P2038	**CYB-DF** 1 x SC Duplex from AMP, Molex, Lucent Tech (Lucent), Dätwyler, Siecor, with label holder	White NCS	12/32/66	10	7315885971738	**5971730**
P60460	**CYB-DF** 2 x SC Duplex from AMP, Molex, Lucent Tech (Lucent), Dätwyler, Siecor, with label holder	White NCS	12/32/66	10	7315880053033	**5971731**
	2 x 8-position modular jack, only for mounting in CYB-BK6					
P2040	**CYB-DP** AMP NetConnect, Krone KM8 and others, 2 x 8-position modular jack STP, UTP, with integrated shutters.	White NCS White RAL 9010	11/43/66	10	7315880067498 7315880067535	**5971732** **5971879**
	CYB-DP Like the above but for Lucent tech. Systimax, M-series, 2 x 8-position modular jack UTP	White NCS	14/43/66	10	7315880067504	**5971733**
	CYB-DP Like the above but for Krone K8, PremisNet, Keystone 2 x 8-position modular jack STP, UTP	White NCS White RAL 9010	14/43/66	10	7315880067528 7315880067597	**5971735** **5971882**
	Alcatel 8-pole modular jack type LAN					
L63660	**CYB-DP** Alcatel 8-pole modular jack type LAN mark-6, with label holder	Greyish-black White RAL 9010 White NCS	12/32/66	10	7315880097433 7315880097464 7315880097440	**5971842** **5971889** **5971742**

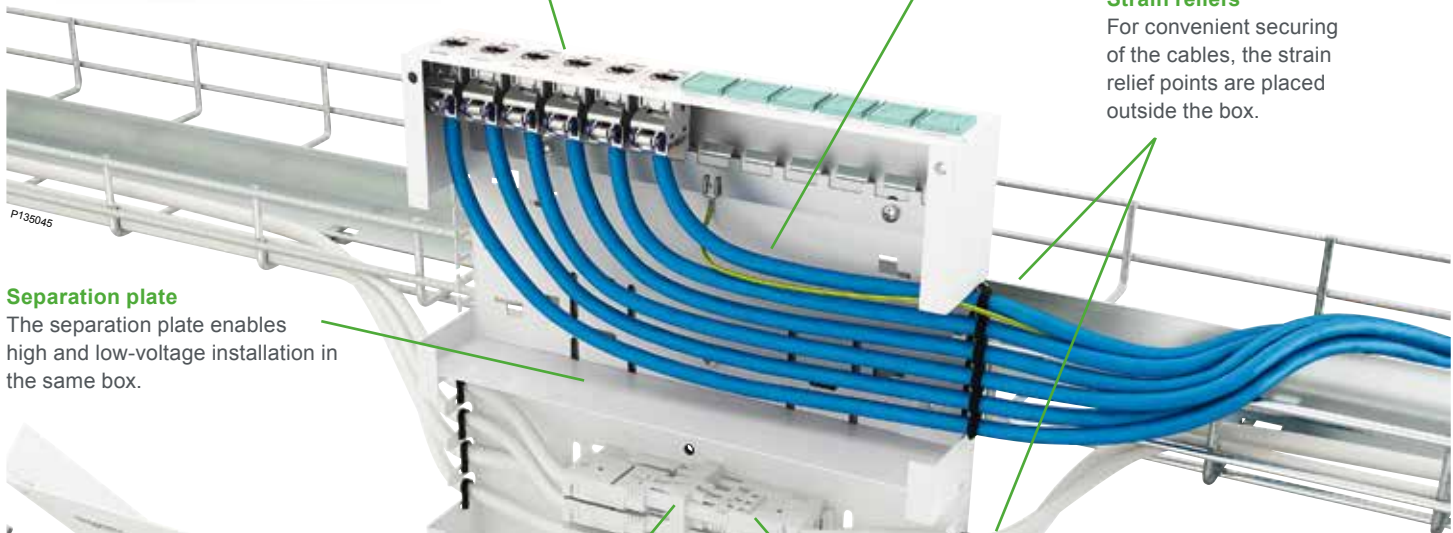# Consolidation points

Actassi S-One connector
The new, one-piece RJ45 connector with superior performance. Easy to handle, easy to install.

Safe bends
Plenty of space for bends assures high performance of all cables.

Strain reliefs
For convenient securing of the cables, the strain relief points are placed outside the box.

Separation plate
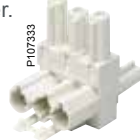The separation plate enables high and low-voltage installation in the same box.

Steel case and lid
Robust powder coated steel for a nice and tidy look.

Easy to mount
Pre-cut holes and several pre-defined standard brackets.

3-phase bus
With 6 plug-in tap offs.

Space for distribution block
Space for 1-phase distribution block. Can be used for prioritized power.

Pre-connected power
Up to 90% faster power installation with gesis quick-connect cables.

Slim-sized consolidation box

The smaller version of the consolidation points is specially suitable when installing only network, or as an addition to the large box.
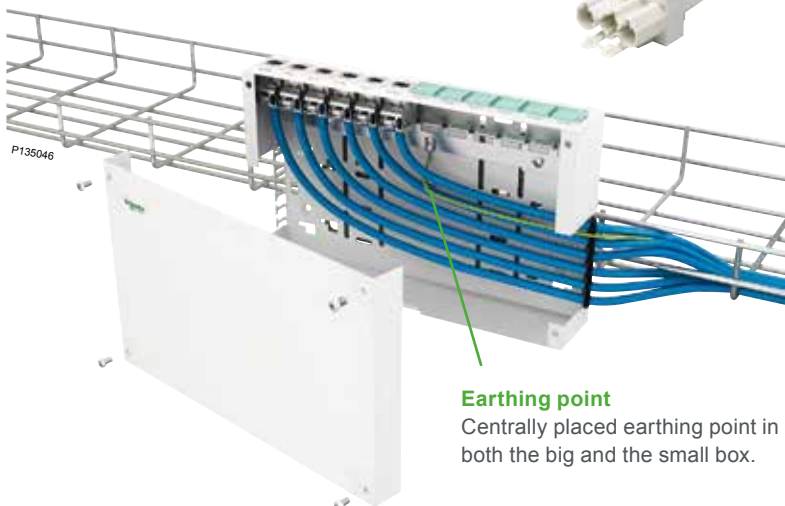
Earthing point
Centrally placed earthing point in both the big and the small box.

P124745

P135045

P134654

P131651

P107333

P135046

Consolidation points

Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.

The Consolidation point products are fully compatible with the Actassi S-One data outlets and also with the older LexCom range. Appropriate plastic adaptors should be used to fit the RJ45 outlets in the consolidation point. The two-compartment type is also compatible with the Wieland GST15 three-phase terminal block. In addition, a single phase terminal block fits together with one three-phase block. All fixing screws are M4.

For cable management it is recommended to use regular cable ties or the cable holder VDIM11U002. Since the Wieland cables and connectors are double-insulated, there is no need for protected earth. For functional earth, the centre screw in the box should be used. When installing shielded Actassi connectors the enclosed earthing rail should be used, and when installing the older style shielded LexCom connectors spring clip ref. no. 30 658 033 should be used. The pre-punched holes in the Consolidation point are specially designed for Wibe and Defem fixing plates. The design is made in such a way that there is always holes that fit your needs. The fixings required to install the Consolidation point on a fixing plate are not included.

The Consolidation point is intended for use as a universal connection point between the fixed installation and mobile pre-wired units such as poles, posts and floor boxes.

Consolidation point, one compartment

Consolidation point made up by a steel junction box with one compartment for communication.
Material: Sheet steel, powder coated.

Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
RJ45	White	52/170/300	1	3606480426827	**INS68200**

Consolidation point, two compartments

Consolidation point made up by a steel junction box with two compartments, one for power and one for communication.
Material: Sheet steel, powder coated.

Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
RJ45 / GST18 installation couplers, 3-phase block with six tap-offs + one 1-phase block	White	58/290/300	1	3606480426834	**INS68201**

Compatible accessories

Rapstrap, 4 sheets/6 strips

Rapstrap is a smooth and flexible installation tie to be used in many configurations. All parts of Rapstrap can be used and the unique design also allows Rapstrap to be easily released and re-used. For longer lengths, Rapstrap can be joined together. Packed in a plastic bag of 24, 4 sheets of 6 strips.
Material: Polyurethane.

Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
Rapstrap tie	Black	10/1.25/300	24	3606480619151	**IMT38067**

Thorsman Cintura, Cable ties

Cable tie for safe and fast clamping of cables, conduits and tubing. Delivered in a sealed packaging to ensure performance, irrespective of storage conditions.
Material: PA 6.6.

Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
Max. clamping Ø20.5 mm	Black	2.5/100	100	3606480554292	**IMT46033**

Actassi S-One RJ45 connectors

- Performance categories: Cat 6_A, 6 and 5e, shielded and unshielded.
- Material: Shielded in zamak, unshielded in ABS plastic.
- Size: Height 28 mm, width 18 mm, depth 35 mm.
- Applicable standards:
  – ISO/IEC 11801 amd 2:2010, class EA permanent link and channel.

– IEC 60603-7-51 Cat 6_A connecting hardware.
– ANSI/TIA-568-C.2 Cat 6_A connecting hardware.
- One-piece design and U-shaped cable entry.
- Tool-less IDC termination.
- Earthing (shielded): Metallic, 360° self-adjusting, plus drain wire contact.
- Operational temperature range: -40° C to + 70° C.

| Type	Qty per pack	Ref. No.		Type	Qty per pack	Ref. No.
S-One C6A – Cat 6A				**S-One C5e – Cat 5e**		
RJ45 Connector Cat 6A Unshielded	12	**VDIB1772XU12**		RJ45 Connector Cat 5e Unshielded	12	**VDIB17725U12**
RJ45 Connector Cat 6A Unshielded	96	**VDIB1772XU96**		RJ45 Connector Cat 5e Unshielded	96	**VDIB17725U96**
RJ45 Connector Cat 6A Shielded	12	**VDIB1772XB12**		RJ45 Connector Cat 5e Shielded	12	**VDIB17725B12**
RJ45 Connector Cat 6A Shielded	96	**VDIB1772XB96**		RJ45 Connector Cat 5e Shielded	96	**VDIB17725B96**
S-One C6 – Cat 6						
RJ45 Connector Cat 6 Unshielded	12	**VDIB17726U12**				
RJ45 Connector Cat 6 Unshielded	96	**VDIB17726U96**				
RJ45 Connector Cat 6 Shielded	12	**VDIB17726B12**				

OptiLine 50
Dedicated Wiring Devices
Technical description
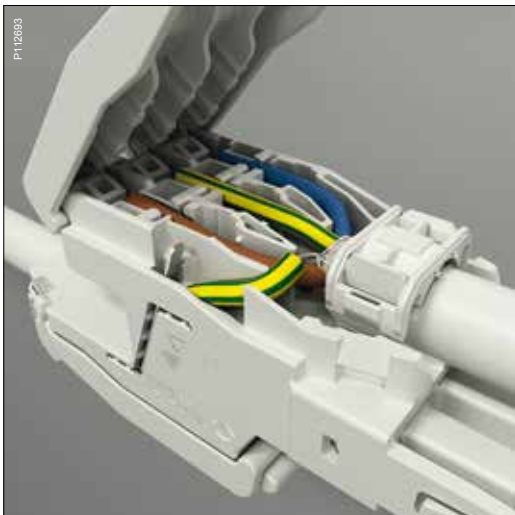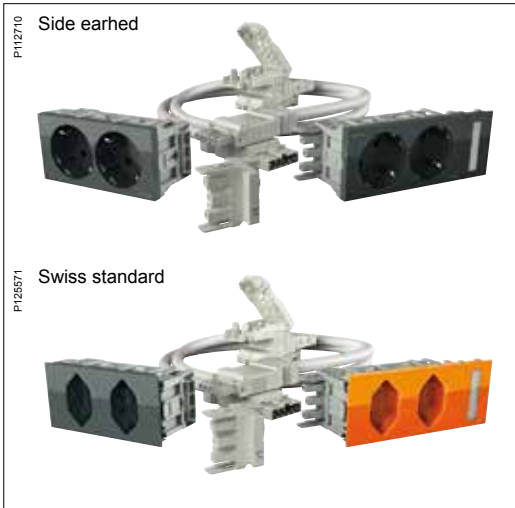
Description
The wiring device system that is specially dedicated for OptiLine 50 is based on 50 mm modules that are snapped into the front opening.
It is intended for coupling and connection outside the front opening.
The system includes a complete range of outlets and connections, such as 2-module DIN enclosures, junction boxes, switches, dimmers, quick-connect distribution blocks and the most frequent data outlets, like for instance Actassi Cat 6A.
The interface of the power system is called OSI (Open Schneider Interface) and meets requirements of the IEC 61535 standard (Connectors).
The double outlet with OSI interface enables connection using quick couplings, as well as easy assembling of the outlet in seconds without the use of tools.
The OSI interface can also be connected to a cable adaptor that is wired to a typical installation cable like EKK/EQQ. The connection is made with the IDC technique, which means that no stripping of the conductor is required, thus speeding up the connection phase. Screw or push-in termination is also available. The cable adaptor handles one incoming and one outgoing cable.
The OSI interface enables tap-off of earthing as well as connection of Wieland gesis 1-phase and 3-phase, Ensto-net 1-phase and Wago 1-phase quick-connect devices.
Approvals by SEMKO and VDE.
Australian socket outlets only available with screw termination.
Approval according to TÜV.

Note regarding installation couplers
Installation couplers are only intended for connection and disconnection without load. They are not designed for frequent use and are therefore not a replacement for socket outlets. Installation couplers are not suitable in readily accessible areas without special precautions. For safety reasons, gesis installation couplers must not be connected with couplers from other trade marks.

Cable definitions

Side earhed

Swiss standard

1. Extension cable: Cable with male and female connector
2. Feeding cable: Cable with free end and female connector

Standards

SS 428 08 90, IEC 61984, IEC 61535.

Technical and Material data

Cables	Material:	Copper conductors and aluminium binding with protective conductor. Conductor insulation PE/PP (polyethylene/polypropene), flame retardant (FR).
Connectors and distribution blocks	Material:	PA (polyamide), surface-plated brass and galvanized chromed steel.
Switches, outlets, basic kits, etc.	Material:	PC/ABS (polycarbonate/acrylo-nitrile butadiene styrene)
	Density:	1.14 g/cm^3
	Water absorption:	0.6%
	Volume resistivity:	>10^{13} Ω cm
	Dielectric strength:	19 kV/mm
	Colours:	• White RAL 9010 • Dark grey RAL 7043 • Orange RAL 2004
Electrical data	250/400 VAC, 16A.	
Temperature range	Operating temperature from -5°C to +40°C.	
Suitable outdoors	Not suitable.	
Degree of protection	IP 20.	

OptiLine 50
Dedicated Wiring Devices Range

Extension cables GST 18i3

Extension cables GST 18i3 3 x 1.5 mm²

Extension cable 1-phase GST 18i3 H05Z1Z1-F3G1.5, 3-pole, 3 x 1.5 mm². Halogen-free cable Ø8.3 mm, 250 V, 16 A, female/male. All cables are individually marked with ref.no.
Material: PE/PP (FR), PA.

0.3 m	White	13/28/300	150	3606480542275	**INS76050**
1 m	White	13/28/1000	75	3606480542282	**INS76051**
2 m	White	13/28/2000	30	3606480542299	**INS76052**
3 m	White	13/28/3000	25	3606480542305	**INS76053**
4 m	White	13/28/4000	15	3606480542312	**INS76054**
5 m	White	13/28/5000	15	3606480542329	**INS76055**

Extension cables GST 18i3 3 x 1.5 mm²

Extension cable 1-phase GST 18i3 H05VV-F3G1.5, 3-pole, 3 x 1.5 mm². PVC cable Ø8.3 mm, 250 V, 16 A, female/male.
All cables are individually marked with ref.no.
Material: PVC, PA.

1 m	White	13/28/1000	75	3606480542220	**INS76041**
2 m	White	13/28/2000	30	3606480542237	**INS76042**
3 m	White	13/28/3000	25	3606480542244	**INS76043**
4 m	White	13/28/4000	20	3606480542251	**INS76044**
5 m	White	13/28/5000	15	3606480542268	**INS76045**

Extension cables GST 18i3 3 x 2.5 mm²

Extension cable 1-phase GST 18i3 H05Z1Z1-F3G2.5, 3-pole, 3 x 2.5 mm². Halogen-free cable Ø10.2 mm, 250 V, 16 A, female/male. All cables are individually marked with ref.no.
Material: PE/PP (FR), PA.

0.3 m	White	13/28/300	100	3606480542336	**INS76060**
1 m	White	13/28/1000	50	3606480542343	**INS76061**
2 m	White	13/28/2000	25	3606480542350	**INS76062**
3 m	White	13/28/3000	15	3606480542367	**INS76063**
4 m	White	13/28/4000	10	3606480542374	**INS76064**
5 m	White	13/28/5000	10	3606480542381	**INS76065**

Extension cables 18i3

Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
Extension cables GST 18i3 3 x 2.5 mm²					

Extension cable 1-phase GST 18i3 H05VV-F3G2.5, 3-pole, 3 x 2.5 mm². PVC cable Ø10.2 mm, 250V, 16A, female/male. All cables are individually marked with ref.no.
Material: PVC, PA.

1 m	White	12.6/28/1000	50	3606485112305	**INS76025**
2 m	White	12.6/28/2000	25	3606485112312	**INS76026**
3 m	White	12.6/28/3000	20	3606485112329	**INS76027**
4 m	White	12.6/28/4000	15	3606485112336	**INS76028**
5 m	White	12.6/28/5000	10	3606485112343	**INS76029**
8 m	White	12.6/28/8000	5	3606485112350	**INS76032**

Extension cables GST 18i3 3 x 2.5 mm², shielded

Extension cable, shielded, 1-phase GST 18i3 S05Z1A7Z1-F3G2.5, 3-pole 3 x 2.5 mm². Halogen-free cable Ø10.2 mm, 250 V, 16 A, female/male. All cables are individually marked with ref.no.
Material: PE/PP (FR), PA.

1 m	White	12.6/28/1000	40	3606485112411	**INS76301**
2 m	White	12.6/28/2000	25	3606485112428	**INS76302**
3 m	White	12.6/28/3000	20	3606485112435	**INS76303**
4 m	White	12.6/28/4000	15	3606485112442	**INS76304**
5 m	White	12.6/28/5000	10	3606485112459	**INS76305**
8 m	White	12.6/28/8000	5	3606485112466	**INS76308**

OptiLine 50
Dedicated Wiring Devices
Range

Connection cables 18i3

	Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
Connection cables GST 18i3 3 x 1.5 mm²						
Connection cable 1-phase GST 18i3 H05Z1Z1-F3G1.5, 3-pole, 3 x 1.5 mm². Halogen-free cable Ø8.3 mm, 250 V, 16 A, male/free end with welded conductor ends. All cables are individually marked with ref.no. Material: PE/PP (FR), PA.						
	GST 18i3	White	13/28/2000	30	3606480542404	**INS76142**
Connection cables GST 18i3 3 x 2.5 mm²						
Connection cable 1-phase GST 18i3 H05VV-F3G2.5, 3-pole 3 x 2.5 mm². PVC cable Ø10.2 mm, 250 V, 16 A, male/free end with welded conductor ends. All cables are individually marked with ref.no. Material: PVC, PA.						
	GST 18i3	White	12.6/28/2000	25	3606485112367	**INS76126**
Connection cables GST 18i3 3 x 2.5 mm², shielded						
Connection cable, shielded, 1-phase GST 18i3 S05Z1A7Z1-F3G2.5, 3-pole 3 x 2.5 mm². Halogen-free cable Ø10.2 mm, 250 V, 16 A, male/free end with welded conductor ends. All cables are individually marked with ref.no. Material: PE/PP (FR), PA.						
	GST 18i3, shielded	White	12.6/28/2000	25	3606485112473	**INS76402**

Customer specified cables

	Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
Cables GST 18						
gesis GST 18 cable and accessories according to special customer order. All types of cable and accessory are available for customer adaptation. Implies a detailed specification.						
	Cable GST 18	Optional	Optional	Optional	—	**GCR_CMS9511**
Cables GST 15						
gesis GST 15 cable and accessories according to special customer order. All types of cable and accessory are available for customer adaptation. Implies a detailed specification.						
	Cable GST 15	Optional	Optional	Optional	—	**GCR_CMS9510**

Cable definitions
1. Extension cable: Cable with male and female connector
2. Feeding cable: Cable with free end and female connector
3. Connection cable: Cable with loose end an male connector
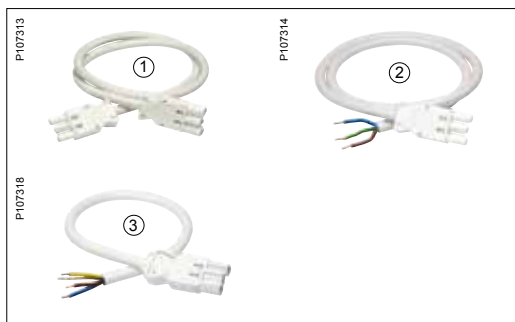
Standards
IEC 61535, EN 61984, VDE 0606, DIN VDE 0625.

Technical and Material data

Cables	Material:	Copper conductors and aluminium binding with protective conductor. Conductor insulation PE/PP (polyethylene/polypropene) FR (flame retardant) or PVC (polyvinyl chloride).
Connectors and distribution	Material:	PA (polyamide), surface-plated brass blocks and galvanized chromed steel.
Colours		Cables and distribution blocks are white. Connectors are available both black and white.
Electrical data		250/400 VAC, 16 A.
Temperature range		Operating temperature from -5°C to +40°C.
Suitable outdoors		Not suitable.
Degree of protection		IP 20.

Cables handled by the IDC connector

A05BB-U	1.5 mm²/2.5 mm²
SE-N05VV-U	1.5 mm²/2.5 mm²
SE-N07VA5EV-U	1.5 mm²/2.5 mm²
NO-N056VA5V-U	1.5 mm²/2.5 mm²
SE-A05VV-R	1.5 mm²
NYM-J3	1.5 mm²
NYM-J3	2.5 mm²

Note! Do not re-use with 1.5 mm² cables after a 2.5 mm² connection.

OptiLine 50
Dedicated Wiring Devices
Technical description

Open Schneider interface

IDC technique

Description Installation couplers

Installations Couplers (IC) from Schneider Electric make installation and wiring in a building easy and more reliable. Update or extension of the wiring can also be made fast and easy. The system is mainly based on gesis GST 15 and GST 18 from Wieland Electric. Main applications for the system are

• OptiLine 50
• General wiring e.g. for lighting
• Thorsman Installation system

OptiLine 50

The OptiLine 50 system has socket outlets with a special interface called Open Schneider Interface (OSI).

To connect to OSI, special distribution blocks and adaptors are used. For three-phase system, 5-pole GST 15 distribution blocks and cables are available.The 5-pole distribution blocks have either tap-off to the OSI socket outlet or tap-off to 1-phase (3-pole) cables. There are separate distribution blocks with a clear marking L1, L2 or L3, depending on which phase should be tapped-off, and also kits including three tap-offs, one for each phase. For one-phase systems there are distribution blocks for OSI to Wieland GST 18, EnstoNet and Wago-Winsta systems.

The cables available are shielded or non-shielded and the materials are PVC or halogen-free.

The OSI interface can also be connected to a cable adaptor that is wired to a typical installation cable like EKK/EQQ. The connection is made with the IDC technique, which means that no stripping of the conductor is required, thus speeding up the connection phase. The cable adaptor handles one incoming and one outgoing cable.

General wiring

For general wiring the GST 18 system can be used. The most common distribution blocks are available and also a mounting plate to fit them to a flat sutface. There are also connectors in the offer to make unique IC cables. See picture P106203 below.

1. Installation trunking: OptiLine 50 or Thorsman Installation System.
2. Poles with connection cables and gesis connectors.
3. Ceiling distribution: service gates, extension cables and distributor blocks.
4. Floor installation: Service gates, floor boxes and posts.
5. Desk units connected to floor boxes or service gates.
6. Luminaries adapted for GST 18 three-pole.

Thorsman Installation System

Thorsman Installation System can be wired with IC since it includes a range of socket outlets with prewired Wieland cables. A special trunking adaptor can be used to fix distribution blocks inside the trunking. To make connections to service poles, posts and desk units, these products must be specified with GST 18 connectors.

Important

Installation Couplers are only intended for connection and disconnection without load. They are not designed for frequent use and are therefore not a replacement for socket outlets. Installation couplers are not suitable in readily accessible areas without special precautions. For safety reasons, GST 15/18 installation couplers must not be connected with couplers from other trade marks. According to international standard, Installations Couplers are "intended for permanent connection in fixed installations". This implies that installation must be carried out by a certified installer.

Installation Couplers should comply with IEC 61535 for CE-marking. This is valid for all GST 18 couplers. GST 15 couplers have been classified as connectors and fulfil EN 61984 today. The main difference is that IEC 61535 requires a locking function for the connection which EN 61984 does not. However, an update is gradually taking place to fulfil IEC 61535 during 2012. You will be noticed when the fulfilment is complete. Until then we should avoid recommending GST 15 outside the trunking
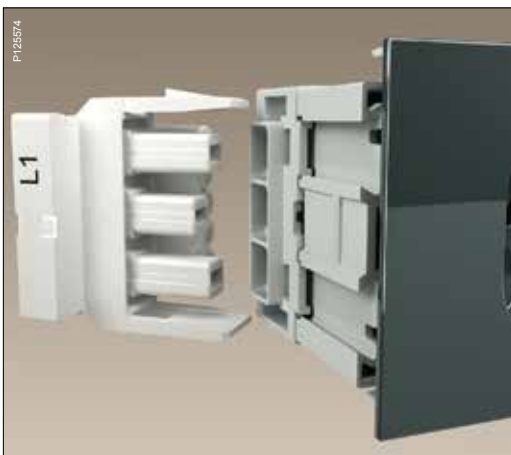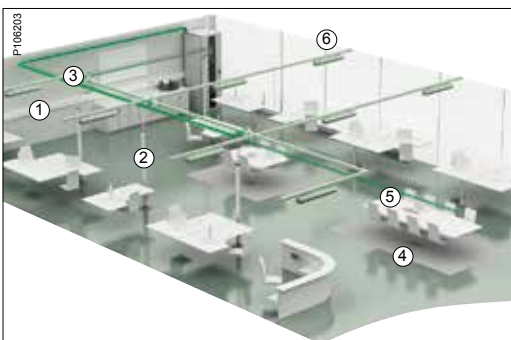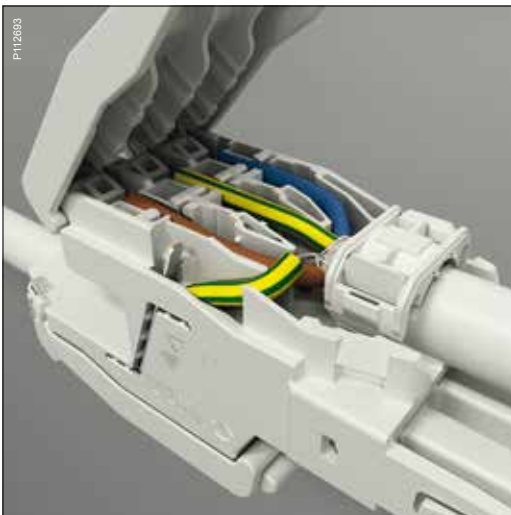
Installation trunking

Here is the basis of the installation system OptiLine 50: The trunking range, designed to facilitate and render your work more effectively. Enjoy maximum flexibility in anything from location to mounting
anywhere – above or below desk height, through walls or around corners.

The rectangular trunking is also perfect for cable feeding in vertical mounting. All trunking are spacious and have separate compartments for power and other cables. Pick your choice between halogen-free plastic and lead-free PVC, aluminium or steel. All trunking are easy to handle and cut, reducing the mounting time on site.

A hidden innovation: 140H

This trunking is as clever as it is handy! Clever, since the cover will reduce electric fields from transformers by up to 85%. And handy, since it gives easy access to the outlets, facilitates cleaning and looks neater with the cover hiding outlets and plugs.

Halogen-free plastic, aluminium or steel?

The trunking of halogen-free plastic or lead-free PVC can be delivered with white or dark grey fronts and outlets. The aluminium trunking are available natural anodized or white with fronts of aluminium or halogen-free plastic, and the steel trunking comes in white only.

140H – hiding and protecting

140H is a well-concealed innovation. Outlets, flexes, plugs and transformers – they are all hidden under the hinged cover. The cover also reduces electric fields by up to 85%. 140H provides an extremely attractive installation while reducing health
concerns. What more is there to ask for?

+

Simple mounting! Begin by installing the trunking base in the whole room. Then the outlets next to the workplace, and finally the hinged cover and the trunking-base covers.

The outlet cover kit makes ordering easy
The hinged cover with mounting accessories is available as one reference. Easy!

Kit for connection to feeder trunking
For connection to a feeder trunking, one reference number gives you a kit including all required components.

Protection against electric fields
The cover hides the outlets and reduces electric fields by up to 85%.

Easy access

You can place your desk quite close to trunking 140H, since the outlets are directed upwards. Thus, furnishing becomes effective with easy access to all outlets. In addition, the cover gives protection against dust and dirt, providing a both safe and neat installation.

Openable cover
The hinged cover can be opened and closed, with a self-locking function in open position.

Easy access
The outlets are angled upwards, giving easy access from the desk.

Space for transformers
The space under the cover is large enough to house both plugs and transformers.

Integrated cable organizers
Integrated cable organizers with Velcro fastening keep flexes/cables and transformers in order.

Premium design trunking

There are trunking for almost any need. They are all easily installed and have accessories with click-in-technology. The front opening only measures 50 mm, but since
all connections are made outside the trunking by means of quick-couplers, access problems are eliminated.
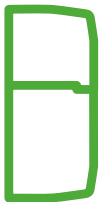
Smooth design in aluminium, halogen-free or PVC.

Pre-punched holes facilitate feeding
The PVC and halogen-free plastic trunking 120 and 140 are provided with pre-punched knock-outs to facilitate and speed up feeding of cables to the outlets. The aluminium trunking have pre-punched slots.

Removable covers
The 120 and 140 trunking have removable covers, allowing you to install your data network from above into the capacious compartment. Handy and easy!

Simple earthing of the aluminium trunking
Connect the earth terminal to the OSI interface of the outlet, and tap the earth off to front cover and base by means of flat pin connectors.

Quick and safe data installations
Data cables are laid in the open upper compartment. The cable bending protections ensure a correct bending radius and prevent cables from being damaged.

P113599

P113596

Easy and neat jointing
Internal jointing pieces and external joint cover pieces disguise those not so neat cuts.

We can offer a range of fixing products to facilitate your mounting. For instance extra long bits and screws with an extra large and thin head for plastic trunking.

P113595

Halogen-free plastic fronts need no earthing
Use front covers of halogen-free plastic in the aluminium trunking and eliminate earthing.

P112677

The cable retainer – a helping hand
Keeps cables in place during the installation phase, but can remain in the trunking for extra safety.

P113597

Protective foil
All trunking are supplied with a protective foil of transparent plastic to prevent from damages during the installation.

P113598

Adjustable corners
Adjustable internal and external corners are available for the 120 and 140 trunking. The corner sections overlap the trunking, providing neat joints.

120C steel trunking – be innovative on site

Low planning
With the push-in/screw OSI connector you can work the way you are used to, using cable by the meter. Just grab a cable roll and a box of connectors and you're ready to go. The OSI connector has room for both incoming and outgoing cables, which means you can connect more groups on each phase.

Makes the complicated installations easy

The multi-purpose rectangular 120C trunking can be used both as feeder and trunking. It allows both new installations and upgrades of existing installations to be carried out faster and easier, always with a great result.

The rectangular 120C steel trunking is the fast route to sturdy, flexible and nice-looking installations, also when the room is full of nooks and crannies. The flexibility brings great savings on time and effort.

Universal corner
OptiLine provides robust quality in every detail. The universal corner fits both internal and external corners.

Universal T-piece and corner
The universal T-piece works as a handy connection between horizontal and vertical trunking.

P141203

Adaptor or CYB plates

Protective conductor terminal

Earth terminal

Earth terminal

Default earthing

Default earthing

Earth terminal

P141215

P141216

P141218

Ingenious feature to disguise uneven walls
Hardly any walls are completely smooth and flat. The clever design of the mounting features makes up for any imperfections and assures a straight, nice-looking installation.

More cable space
The OptiLine 50 outlets require less space. This means that the OptiLine trunking has increased cable capacity of up to 15%, even compared to a larger 123-mm trunking with 80 mm outlet standard.
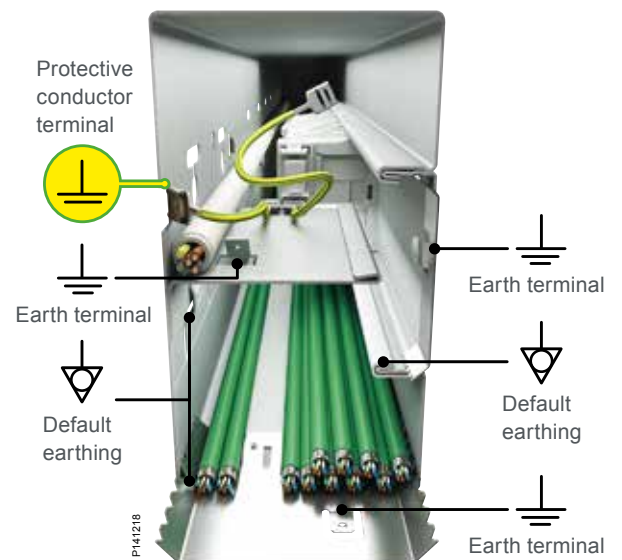
Smart earthing features
In cases when equipotential or protective earthing is specified, the smart construction makes it easy to find a safe and accessible earthing point. By default the front cover, cable shelf, jointing piece etc. will be connected to the protective earth system.

P11190

120C plastic trunking – enjoy easiness of everyday installations

Symmetrical design in halogen-free plastic or led-free PVC
The symmetrical trunking design means you can work fast with no risk of turning the trunking the wrong way.

For spaces with lots of quirky bends and curves, the rectangular 120C plastic trunking is the ideal choice. Use the brackets or mount directly onto the wall to quickly achieve a neat and safe installation.

Nice-looking corners
For a perfect result we recommend you to use the pre-made corner units. However, the plastic trunking also allows you to use only length material and hide any imperfect cuts with the joint cover pieces.

Bend protection
The bend protection ensures secure function of the network installation.

Sharp cuts
The easy-to-use front shears make precise cuts of the front in seconds.

DIN module
When the installation is placed at a long distance from the switchboard, a "mini switchboard" is an appropriate solution for handling requirements regarding short-curcuit currents.

Bracket
Bracket for all trunking in the OptiLine 50 range, except for height 80 and 100 mm.

Extra cable capacity
Benefit from the extra cable capacity, especially when using the rectangular trunking as a feeder in vertical mounting.

120C as a feeder trunking
Whether the installation runs vertically or horizontally, OptiLine 120C works perfectly as feeder and supplement to the entire OptiLine product range.

Aesthetic
120C facilitates easy installations with almost invisible seams.

The "Helping hand"
The green cable holder will assist you in making a fast and easy installation with cables in a neat and tidy order.

OptiLine 50 Trunking
Design and dimensions

Exploded views

Rounded shape

1. Trunking base
2. Removable top cover
3. Front cover
4. Internal corner
5. External corner
6. Stop end
7. Wall frame
8. Joint cover piece
9. T-piece
10. Joint cover piece for top cover
11. Cable shelf
12. Joint cover piece for front cover
13. Jointing pieces (2 or 3, depending on size of trunking)
14. Earthing kit

140H

1. Trunking base
2. Top cover
3. Internal corner with top cover
4. External corner with top cover
5. Stop end
6. Joint cover piece, top cover
7. Joint cover piece, outlet cover kit
8. Outlet kit (hinged outlet cover, front covers, end-pieces, cable organizers)

120C, plastic

1. Trunking base
2. Front cover
3. Internal corner
4. External corner with front cover
5. L-piece
6. Stop end
7. Wall frame
8. Joint cover piece
9. T-piece
10. Jointing pieces

120C, steel

1. Trunking base
2. Front cover
3. Internal corner, alt. universal corner
4. External corner, alt. universal corner
5. L-piece
6. Stop end
7. Joint cover piece
8. T-piece, alt. universal T-piece

OptiLine 50 Trunking
Cable capacity

Cable capacity

Recommended fill factor: 50%

Cables used in the examples: Data Ø7 mm
                              Power Ø12 mm (3 x 2.5 mm²)

More detailed cable capacity calculations can be made in our specification tool.

Trunking with outlets and GST installation couplers

P112310
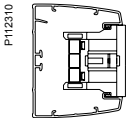
Size 80
Recommended cable capacity*:
<u>Data **or** power</u>
Data: Max. 14 cables
Power: Max. 5 cables

P112311
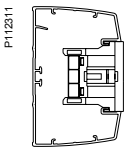
Size 100
Recommended cable capacity*:
<u>Data **or** power</u>
Data: Max. 26 cables
Power: Max. 9 cables

<u>Data **and** power</u>
For combinations, see right-hand chart.

*With fill factor 50%.

Data **and** power
Recommended cable capacity* when **mixing** data and power cables in the same trunking:
— Size 100
— Size 80

No. of power cables, Ø12 mm (3 x 2.5 mm²)

No. of data cables, Ø7 mm

Trunking with outlets and GST installation couplers

P112312
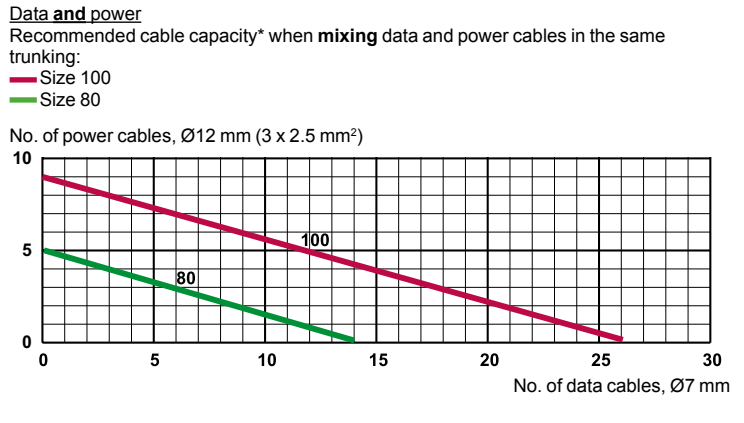
Size 120
Recommended cable capacity*:
1. Data: Max. 16 cables
2. Power: Max. 5 cables
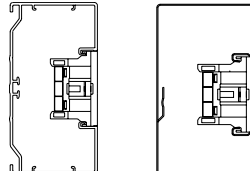
Size 120C
Recommended cable capacity*:
<u>Plastic with data **or** power</u>
Data: Max. 46 cables
Power: Max. 15 cables
<u>Steel with data **or** power</u>
Data: Max. 50 cables
Power: Max. 17 cables

P112313
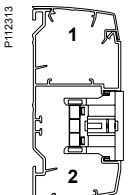
Size 140
Recommended cable capacity*:
1. Data: Max. 24 cables
2. Power: Max. 6 cables

P112314
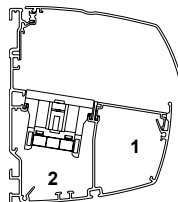
Size 140H
Recommended cable capacity*:
1. Data: Max. 20 cables
2. Power: Max. 4 cables

*With fill factor 50%.

Trunking without outlets

P111217
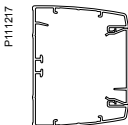
Size 80
Recommended cable capacity*:
<u>Data **or** power</u>
Data: Max. 31 cables
Power: Max. 10 cables

P111219
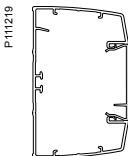
Size 100
Recommended cable capacity*:
<u>Data **or** power</u>
Data: Max. 50 cables
Power: Max. 17 cables

<u>Data **and** power</u>
For combinations, see right-hand chart.

Size 120C Plasic and steel
Recommended cable capacity*:
<u>Plastic with data **or** power</u>
Data: Max. 61 cables
Power: Max. 21 cables

*With fill factor 50%.
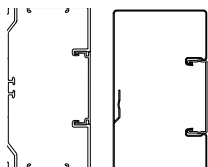
Data **and** power
Recommended cable capacity* when **mixing** data and power cables in the same trunking:
— Size 100
— Size 80
— Size 120C Plastic and steel

No. of power cables, Ø12 mm (3 x 2.5 mm²)

No. of data cables, Ø7 mm

OptiLine 50 Trunking
Choice guide plastic

Halogen-free plastics and PVC trunking and accessories, rounded shape, sizes 80 - 100

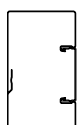|	Trunking base		Internal corner, fixed		External corner, fixed		Bend 90º, kit		Stop end		Wall/ceiling frame		
Trunking size	Ref. No.	Qty/ pack	Ref. No.	Qty/ pack	Ref. No.	Qty/ pack	Ref. No.	Qty/ pack	Ref. No.	Qty/ pack	Ref. No.	Qty/ pack	
Halogen-free													
80 P111216	INS12100	10 m	INS12101	1	INS12102	1	INS12103	1	INS12104	2	INS12105	1	
100 P111218	INS12200	10 m	INS12201	1	INS12202	1	INS12203	1	INS12204	2	INS12205	1	
PVC													
80 P111216	INS12150	10 m	INS12101	1	INS12102	1	INS12103	1	INS12104	2	INS12105	1	
100 P111218	INS12250	10 m	INS12201	1	INS12202	1	INS12203	1	INS12204	2	INS12205	1	

Halogen-free plastics and PVC trunking and accessories, rounded shape, sizes 120 - 140

	Trunking base		Internal corner, adjustable		External corner, adjustable		Stop end		Wall frame		Joint cover piece, kit		
Trunking size	Ref. No.	Qty/ pack	Ref. No.	Qty/ pack	Ref. No.	Qty/ pack	Ref. No.	Qty/ pack	Ref. No.	Qty/ pack	Ref. No.	Qty/ pack	
Halogen-free													
120 P111220	INS12300	10 m	INS12301	1	INS12302	1	INS12304	2	INS12305	1	INS12306	1	
140 P111222	INS12400	10 m	INS12401	1	INS12402	1	INS12404	2	INS12405	1	INS12406	1	
PVC													
120 P111220	INS12350	10 m	INS12301	1	INS12302	1	INS12304	2	INS12305	1	INS12306	1	
140 P111222	INS12450	10 m	INS12401	1	INS12402	1	INS12404	2	INS12405	1	INS12406	1	

Installation trunking

Joint cover piece, kit		T-piece, vertical 80		T-piece, vertical 100		Front cover		Cable shelf	
Ref. No.	Qty/pack	Ref. No.	Qty/pack	Ref. No.	Qty/pack	Ref. No.	Qty/pack	Ref. No.	Qty/pack
INS12106	1	–	–	–	–	INS12900 INS12901* *Dark grey	30 m 30 m	INS12904	24 m
INS12206	1	INS12107	1	INS12207	1	INS12900 INS12901* *Dark grey	30 m 30 m	INS12904	24 m
INS12106	1	–	–	–	–	INS12950	30 m	ISM10902	24 m
INS12206	1	INS12107	1	INS12207	1	INS12950	30 m	ISM10902	24 m

T/L-piece, vertical 80		T/L-piece, vertical 100		T/L-piece 120		T/L-piece 140		Front cover		Cable shelf	
Ref. No.	Qty/pack	Ref. No.	Qty/pack	Ref. No.	Qty/pack			Ref. No.	Qty/pack	Ref. No.	Qty/pack
INS12107	1	INS12207	1	INS12307	1	–		INS12900 INS12901* *Dark grey	30 m 30 m	INS12904	24 m
INS12107	1	INS12207	1	–		INS12407	1	INS12900 INS12901* *Dark grey	30 m 30 m	INS12904	24 m
INS12107	1	INS12207	1	INS12307	1	–		INS12950	30 m	ISM10902	24 m
INS12107	1	INS12207	1	–		INS12407	1	INS12950	30 m	ISM10902	24 m

OptiLine 50 Trunking
Choice guide plastic

Halogen-free plastics and PVC trunking and accessories, rectangular shape, sizes 120

Trunking size	Trunking base Ref. No.	Qty/pack	Internal corner Ref. No.	Qty/pack	External corner Ref. No.	Qty/pack	Bend 90° Ref. No.	Qty/pack	T-piece Ref. No.	Qty/pack	Stop end Ref. No.	Qty/pack	
Halogen-free													
120C	INS12320	10 m	INS12321	1	INS12322	1	INS12323	1	INS12327	1	INS12324	2	
PVC													
120C	INS12360	10 m	INS12361	1	INS12362	1	INS12363	1	INS12367	1	INS12324	2	

	Wall frame		Joint cover piece, kit		Front cover		Cable shelf	
	Ref. No.	Qty/pack	Ref. No.	Qty/pack	Ref. No.	Qty/pack	Ref. No.	Qty/pack
	INS12325	1	INS12326	1	INS12900 INS12901* *Dark grey	30 m 30 m	ISM12904	24
	INS12325		INS12326	5	–	30	ISM10902	24

OptiLine 50 Trunking
Choice guide steel

| Steel trunking and accessories, rectangular shape, sizes 120											
	Trunking base		Internal corner, fixed		Internal corner, adjustable		External corner, fixed		Universal corner		Bend 90°
Trunking size	Ref. No.	Qty/pack	Ref. No.	Qty/pack			Ref. No.	Qty/pack	Ref. No.	Qty/pack	Ref. No.	Qty/pack
120C	INS14300	3 m	INS14301	1	INS14311	1	INS14302	1	INS14310	1	INS14303	1

T-piece		Universal T-piece		Stop end		Joint cover piece		Front cover		Cable shelf	
Ref. No.	Qty/pack	Ref. No.	Qty/pack	Ref. No.	Qty/pack	Ref. No.	Qty/pack	Ref. No.	Qty/pack	Ref. No.	Qty/pack
INS14307	1	INS14312	1	INS5551803	1	5595 223	1	INS14900	3 m	INS10960	10

OptiLine 50 Trunking
Choice guide aluminium

Aluminium trunking and accessories, sizes 80 - 100

Trunking size	Trunking base Ref. No.	Qty/pack	Internal corner, fixed Ref. No.	Qty/pack	External corner, fixed Ref. No.	Qty/pack	Bend 90°, kit Ref. No.	Qty/pack	Stop end Ref. No.	Qty/pack
80	INS13100 W INS13150 A	10 m 10 m	INS12101 W INS13151 M	1 1	INS12102 W INS13152 M	1 1	INS12103 W INS13153 M	1 1	INS12104 W INS13154 M	2 2
100	INS13200 W INS13250 A	10 m 10 m	INS12201 W INS13251 M	1 1	INS12202 W INS13252 M	1 1	INS12203 W INS13253 M	1 1	INS12204 W INS13254 M	2 2

W = white, A = anodized, M = Alu metallic, D = dark grey

Aluminium trunking and accessories, sizes 120 - 140

Trunking size	Trunking base Ref. No.	Qty/pack	Internal corner, adjustable Ref. No.	Qty/pack	External corner, adjustable Ref. No.	Qty/pack	Stop end Ref. No.	Qty/pack	Wall frame Ref. No.	Qty/pack
120	INS13300 W INS13350 A	10 m 10 m	INS12301 W INS13351 M	1 1	INS12302 W INS13352 M	1 1	INS12304 W INS13354 M	2 2	INS12305 W	1
140	INS13400 W INS13450 A	10 m 10 m	INS12401 W INS13451 M	1 1	INS12402 W INS13452 M	1 1	INS12404 W INS13454 M	2 2	INS12405 W	1

W = white, A = anodized, M = Alu metallic, D = dark grey
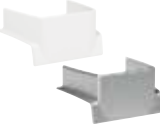
Aluminium trunking and accessories, size 140H

Trunking size	Truning base Ref. No.	Qty/pack	Outlet cover kit Ref. No.	Qty/pack	Top cover Ref. No.	Qty/pack	Internal corner, fixed Ref. No.	Qty/pack	External corner, fixed Ref. No.	Qty/pack
140H	INS13800 W INS13850 A	5 m 5 m	INS13810 W INS13860 A	1 1	INS13811 W INS13861 A	5 m 5 m	INS13801 W INS13851 A	1 1	INS13802 W INS13852 A	1 1

W = white, A = anodized

Version : 2.0   05/2019   ISC01421EN

Wall/ceiling frame		Joint cover piece, kit		T/L-piece, vertical 80		T/L-piece, vertical 100		Front cover		Cable shelf	
Ref. No.	Qty/ pack	Ref. No.	Qty/ pack	Ref. No.	Qty/ pack	Ref. No.	Qty/ pack	Ref. No.	Qty/ pack	Ref. No.	Qty/ pack
INS12105 W	1	INS12106 W INS13156 M	1 1	–	–	–	–	INS13900 W INS13950 A INS12901 D	25 25 30	INS12904 W INS13904 A	24 24
INS12205 W	1	INS12206 W INS13256 M	1 1	INS12107 W INS13157 M	1 1	INS12207 W INS13257 M	1 1	INS13900 W INS13950 A INS12901 D	25 25 30	INS12904 W INS13904 A	24 24

Joint cover piece, kit		T/L-piece		T/L-piece, vertical 100		T/L-piece		Feeder unit		Front cover		Cable shelf	
Ref. No.	Qty/ pack	Ref. No.	Qty/ pack	Ref. No.	Qty/ pack	Ref. No.	Qty/ pack	Ref. No.	Qty/ pack	Ref. No.	Qty/ pack	Ref. No.	Qty/ pack
INS12306 W INS13356 M	1 1	INS12107 W INS13157 M	1 1	INS12207 W INS13257 M	1 1	INS12307 W INS13357 M	1 1	INS13320 W INS13321 A	1 1	INS13900 W INS13950 A INS12901 D	25 25 30	INS12904 W INS13904 A	24 24
INS12406 W INS13456 M	1 1	INS12107 W INS13157 M	1 1	INS12207 W INS13257 M	1 1	INS12407 W INS13457 M	1 1	INS13420 W INS13421 A	1 1	INS13900 W INS13950 A INS12901 D	25 25 30	INS12904 W INS13904 A	24 24

Stop end		Wall frame		Joint cover piece, top cover		Joint cover piece, outlet cover	
Ref. No.	Qty/pack	Ref. No.	Qty/pack	Ref. No.	Qty/pack	Ref. No.	Qty/pack
INS13804 W INS13854 A	2 2	INS13805 W	1	INS13806 W INS13856 A	1 1	INS13807 W INS13857 A	1 1

Plastic trunking, halogen-free, rounded shape

	Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
	Installation trunking with one compartment, halogen-free					
	Installation trunking consisting of a one-compartment trunking base with slightly rounded shape. The trunking base has pre-punched mounting holes every 25th cm and can be provided with cable shelf. The front opening is adapted to direct click-in of 50 mm wiring devices. Intended for direct wall mounting. The trunking base is supplied with protective foil, in lengths of 2.5 m. Halogen-free. Material: PC/ABS.					
P103970	80 with one compartment	White	80/63/2500	10 m	3606485123080	**INS12100**
P103980	100 with one compartment	White	100/63/2500	10 m	3606485123172	**INS12200**
	Installation trunking with two compartments, halogen-free					
	Installation trunking including two-compartment trunking base with slightly rounded shape and removable top cover. The top cover is snap-fitted to the upper compartment and can be easily removed for ergonomic cable laying from above. The trunking base has pre-punched mounting holes every 25th cm and can be provided with cable shelf. The integrated partition wall has pre-punched knock-outs every 25th cm to facilitate cable laying. The front opening is adapted to direct click-in of 50 mm wiring devices. Intended for wall mounting, either direct or on brackets. Trunking base and top cover are supplied unassembled under separate protective foil, in lengths of 2.5 m. Halogen-free. Material: PC/ABS.					
P103973	120 with two compartments	White	120/63/2500	10 m	3606485123264	**INS12300**
P103975	140 with two compartments	White	140/63/2500	10 m	3606485123363	**INS12400**

Accessories for halogen-free plastic trunking, rounded shape

	Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
	Internal corner, fixed					
	Fixed internal corner for a 90 degree angling of plastic trunking (rounded). Material: PC/ABS.					
P104041	Internal corner 80	White	85/115/115	1	3606485123097	**INS12101**
	Internal corner 100	White	105/115/115	1	3606485123189	**INS12201**
	Internal corner, adjustable					
	Adjustable internal corner for an 80–100 degree angling of plastic trunking (rounded). Material: PC/ABS.					
P104060	Internal corner 120	White	129/150/150	1	3606485123271	**INS12301**
	Internal corner 140	White	149/150/150	1	3606485123370	**INS12401**
	External corner, fixed					
	Fixed external corner for a 90 degree angling of plastic trunking (rounded). Material: PC/ABS.					
P104029	External corner 80	White	85/105/105	1	3606485123103	**INS12102**
	External corner 100	White	105/115/115	1	3606485123196	**INS12202**
	External corner, adjustable					
	Adjustable external corner for a 70–140 degree angling of plastic trunking (rounded). Material: PC/ABS.					
P104038	External corner 120	White	129/153/153	1	3606485123288	**INS12302**
	External corner 140	White	149/153/153	1	3606485123387	**INS12402**
	Bend, 90°, kit					
	90 degree bend kit for angling upwards and downwards of plastic trunking (rounded). Including bend piece and fixing device to be screw-fitted to the wall. Material: PC/ABS.					
P102827	Bend 80	White	102/63/102	1	3606485123110	**INS12103**
	Bend 100	White	122/63/122	1	3606485123202	**INS12203**

Accessories for halogen-free plastic trunking, rounded shape

Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
T/L-piece					
Combined T/L-piece. When being used as a T-piece it is intended to connect vertical and horizontal plastic trunking of various sizes, see below. As an L-piece it can be used in corners. Please note that the T/L-piece is **only** intended for rounded trunking. Material: PC/ABS.					
For vertical trunking 80 and horizontal trunking 100, 120, 140	White	52/63/101	1	3606485123158	**INS12107**
For vertical trunking 100 and horizontal trunking 100, 120, 140	White	52/63/121	1	3606485123240	**INS12207**
For vertical trunking 120 and horizontal trunking 100, 120, 140	White	52/65/125	1	3606480580734	**INS12307**
For vertical trunking 140 and horizontal trunking 100, 120, 140	White	52/65/145	1	3606480580871	**INS12407**
Stop end					
Stop end for plastic trunking. Screw-fixing. Material: PC/ABS.					
Stop end 80	White	84/30/65	2	3606485123127	**INS12104**
Stop end 100	White	104/30/65	2	3606485123219	**INS12204**
Stop end 120	White	124/30/65	2	3606485123295	**INS12304**
Stop end 140	White	144/30/65	2	3606485123394	**INS12404**
Wall/ceiling frame					
Wall/Ceiling frame to be fitted around a plastic trunking (rounded) at wall or ceiling passage. Snap-fitted, with a screw-fixing option. Material: PC/ABS.					
Wall/Ceiling frame 80	White	130/22.5/88	1	3606485123134	**INS12105**
Wall/Ceiling frame 100	White	150/22.5/88	1	3606485123226	**INS12205**
Wall frame					
Wall frame to be fitted around a plastic trunking (rounded) at wall passage. The separate back piece is to be used when the trunking is mounted on brackets. Snap-fitted, with a screw-fixing option. Material: PC/ABS.					
Wall frame 120	White	170/22.5/113	1	3606485123301	**INS12305**
Wall frame 140	White	190/22.5/113	1	3606485123400	**INS12405**
Joint cover piece, kit					
Joint cover piece, supplied and mounted together with two jointing pieces. Intended to cover joints between two plastic trunking sections (rounded). Easy to remove in case of an upgrading of the installation. Material: PC/ABS.					
Joint cover piece 80	White	84/65/90	1	3606485123141	**INS12106**
Joint cover piece 100	White	104/65/90	1	3606485123233	**INS12206**
Joint cover piece, supplied and mounted together with three jointing pieces. Intended to cover joints between two plastic trunking sections and the removable top cover. Easy to remove in case of an upgrading of the installation. Material: PC/ABS.					
Joint cover piece 120	White	124/65/90	1	3606485123318	**INS12306**
Joint cover piece 140	White	144/65/90	1	3606485123417	**INS12406**
Front cover					
Front cover to be snap-fitted in trunking with a 50 mm front opening. Supplied with protective foil, in lengths of 2.5 m. Material: PC/ABS.					
Front cover F50 PC/ABS	White	50/13/2500	30 m	3606485123431	**INS12900**
Front cover F50 PC/ABS	Dark grey	50/13/2500	30 m	3606485123448	**INS12901**
Joint cover piece for front cover					
Joint cover piece intended to cover joints between two front covers. Material: PC/ABS.					
Joint cover piece	White	51/20/25	5	3606485123455	**INS12902**

Side labels (image references): P104031, P104033, P140127, P140129, P104501, P104061, P104035, P104040, P103978, P111274, P103977, P106223, P110471

OptiLine 50 Trunking
Range

Accessories for halogen-free plastic trunking, rounded shape

Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
Joint cover piece for top cover					
Joint cover piece intended to cover joints between two top covers. Material: PC/ABS.					
Joint cover piece 120/140	White	27/65/54	1	3606485123493	**INS12911**
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: PC/ABS.					
Cable shelf	White	17/48/1000	24 m	3606485123462	**INS12904**
Jointing piece					
Internal jointing piece intended to facilitate jointing of two trunking bases. May also be used to mount the joint cover piece. Material: PC/ABS.					
Jointing piece	White	5/30/90	10	3606485123479	**INS12905**
Cable bending protection					
Protection device intended to protect cables, mainly for data and telephone, in corners and bends or at trunking entries, ensuring that the cables will not be below the minimum bending radius. Material: PC/ABS.					
Cable bending protection 120/140	White	68/20/68	5	3606485123325	**INS12310**
Spacer for top cover					
Spacer intended to secure the function of the top cover of the two-compartment trunking when mounted under a window-sill. Material: PC/ABS.					
Spacer 120/140	Green	10/12/30	10	3606485123486	**INS12910**
Screener for corner					
Screener for EMC protection of data and telephone cables placed in the upper compartment of the two-compartment plastic trunking and passing internal or external corners. Supplied with one screw. Material: Steel.					
Screener 120/140	—	1/74/74	10	3606485123349	**INS12312**
Screener for trunking base					
Screener with pre-punched knock-outs for EMC protection of data and telephone cables placed in the upper compartment of the two-compartment plastic trunking. Supplied with one screw. Material: Steel.					
Screener 120/140	—	7/57/1030	10	3606485123332	**INS12311**
Cable retainer					
Cable retainer to be mounted at the back of the trunking base to keep cables in place during the installation phase. No need to remove the retainer when fitting the front cover. Package of five. Material: PA.					
Cable retainer	Green	32/42/25	5	3606480028403	**ISM10901**
OSI connector					
OSI connector with push-in or screw type terminal block, 3-pole, for use together with cables 3 x 1.5 mm² or 3 x 2.5 mm². With the OSI connector, the OptiLine system can be used together with regular installation cables, i.e. it allows installation without or in conjunction with quick-connect cables. Material: PA.					
OSI connector, push-in With grey inner cover	Light grey	16/40/82	10	3606480580994	**INS60050**
OSI connector, screw With white inner cover	Light grey	16/40/82	10	3606480581007	**INS60051**
Socket outlet kit					
Double socket outlet kit including outlet, side-earthed, with label window and label and OSI connector with push-in terminal block, 3-pole. Allows the use of regular installation cables 3 x 1.5 mm² or 3 x 2.5 mm². Material: PA, PC/ABS.					
Socket outlet kit	White	50/56/120	1	3606480581014	**INS62100**
Socket outlet kit	Dark grey	50/56/120	1	3606480581021	**INS62101**
Insulation strips					
Sound insulation strip to be used for sound absorbing up to 53 dB when a trunking passes through a wall. Supplied in a set of four for up to four compartments. Material: Foam plastic.					
TTI-T3045	Black	30/45/350	1	7315885590410	**5590410**
TTI-T5070	Black	50/70/350	1	7315880011828	**5590414**

OptiLine 50 Trunking
Range

Plastic trunking, halogen-free, rectangular shape

Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
Installation trunking with one compartment, halogen-freee					
Installation trunking consisting of a one-compartment trunking base with rectangular shape. The trunking base has pre-punched mounting holes every 25th cm and can be provided with cable shelf. The front opening is adapted to direct click-in of 50 mm wiring devices. The trunking base can also be used as a feeder trunking for all OptiLine 50 trunking. Intended for direct wall mounting. The trunking base is supplied with protective foil, in lengths of 2.5 m. Halogen-free. Material: PC/ABS.					
120C with one compartment	White	120/65/2500	10 m	3606480580741	**INS12320**

Accessories for halogen-free plastic trunking, rectangular shape

Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
Internal corner, fixed					
Fixed internal corner for a 90 degree angling of plastic trunking (rectangular). Material: PC/ABS.					
Internal corner 120C	White	120/200/200	1	3606480580758	**INS12321**
External corner kit, fixed					
Fixed external corner kit for a 90 degree angling of plastic trunking (rectangular). Including front cover for corner piece. Material: PC/ABS.					
External corner kit 120C	White	120/200/200	1	3606480580765	**INS12322**
Bend, 90°					
90 degree bend for angling upwards and downwards of plastic trunking (rectangular). Material: PC/ABS.					
Bend 120C	White	200/65/200	1	3606480580772	**INS12323**
T-piece					
T-piece intended to connect vertical and horizontal plastic trunking (rectangular). Material: PC/ABS.					
T-piece 120C	White	280/65/200	1	3606480580819	**INS12327**
Stop end					
Stop end for plastic trunking (rectangular). Screw-fixing. Material: PC/ABS.					
Stop end 120C	White	124/30/67	2	3606480580789	**INS12324**
Wall frame					
Wall frame to be fitted around a plastic trunking (rectangular) at wall passage. The separate back piece is to be used when the trunking is mounted on brackets. Snap-fitted, with a screw-fixing option. Material: PC/ABS.					
Wall frame 120C	White	170/115/22.5	1	3606480580796	**INS12325**
Joint cover piece, kit					
Joint cover piece, supplied and mounted together with two jointing pieces. Intended to cover joints between two plastic trunking sections (rectangular). Easy to remove in case of an upgrading of the installation. Material: PC/ABS.					
Joint cover piece 120C	White	125/67/90	1	3606480580802	**INS12326**
Front cover					
Front cover to be snap-fitted in trunking with a 50 mm front opening. Supplied with protective foil, in lengths of 2.5 m. Material: PC/ABS.					
Front cover F50 PC/ABS	White	50/13/2500	30 m	3606485123431	**INS12900**
Front cover F50 PC/ABS	Dark grey	50/13/2500	30 m	3606485123448	**INS12901**
Joint cover piece for front cover					
Joint cover piece intended to cover joints between two front covers. Material: PC/ABS.					
Joint cover piece	White	51/20/25	5	3606485123455	**INS12902**
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: PC/ABS.					
Cable shelf	White	17/48/1000	24 m	3606485123462	**INS12904**

Accessories for halogen-free plastic trunking, rectangular shape

Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
Jointing piece					
Internal jointing piece intended to facilitate jointing of two trunking bases. May also be used to mount the joint cover piece. Material: PC/ABS.					
Jointing piece	White	5/30/90	10	3606485123479	**INS12905**
Sealing strip					
Sealing strip to be fitted between trunking and floor for a 10-15 mm coverage. Material: PVC.					
Sealing strip	Polar white	17/40/2000	24 m	3606480681943	**ISM10905P**
Cable bending protection					
Protection device intended to protect cables, mainly for data and telephone, in corners and bends or at trunking entries, ensuring that the cables will not be below the minimum bending radius. Material: PC/ABS.					
Cable bending protection 120/140	White	68/20/68	5	3606485123325	**INS12310**
Cable retainer					
Cable retainer to be mounted at the back of the trunking base to keep cables in place during the installation phase. No need to remove the retainer when fitting the front cover. Package of five. Material: PA.					
Cable retainer	Green	32/42/25	5	3606480028403	**ISM10901**
OSI connector					
OSI connector with push-in or screw type terminal block, 3-pole, for use together with cables 3 x 1.5 mm^2 or 3 x 2.5 mm^2. With the OSI connector, the OptiLine system can be used together with regular installation cables, i.e. it allows installation without or in conjunction with quick-connect cables. Material: PA.					
OSI connector, push-in With grey inner cover	Light grey	16/40/82	10	3606480580994	**INS60050**
OSI connector, screw With white inner cover	Light grey	16/40/82	10	3606480581007	**INS60051**
Socket outlet kit					
Double socket outlet kit including outlet, side-earthed, with label window and label and OSI connector with push-in terminal block, 3-pole. Allows the use of regular installation cables 3 x 1.5 mm^2 or 3 x 2.5 mm^2. Material: PA, PC/ABS.					
Socket outlet kit	White	50/56/120	1	3606480581014	**INS62100**
Socket outlet kit	Dark grey	50/56/120	1	3606480581021	**INS62101**
Insulation strips					
Sound insulation strip to be used for sound absorbing up to 53 dB when a trunking passes through a wall. Supplied in a set of four for up to four compartments. Material: Foam plastic.					
TTI-T3045	Black	30/45/350	1	7315885590410	**5590410**
TTI-T5070	Black	50/70/350	1	7315880011828	**5590414**

P103979
P85791
P109864
P85787
P140131
P140132
P140133
P140134
P61537

OptiLine 50 Trunking
Range

Plastic trunking, PVC, rounded shape

Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
Installation trunking with one compartment, PVC					
Installation trunking consisting of a one-compartment trunking base with slightly rounded shape. The trunking base has pre-punched mounting holes every 25th cm and can be provided with cable shelf. The front opening is adapted to direct click-in of 50 mm wiring devices. Intended for direct wall mounting. The trunking base is supplied with protective foil, in lengths of 2.5 m. Material: PVC.					
80 with one compartment	White	80/63/2500	10 m	3606485123165	**INS12150**
100 with one compartment	White	100/63/2500	10 m	3606485123257	**INS12250**
Installation trunking with two compartments, PVC					
Installation trunking including two-compartment trunking base with slightly rounded shape and removable top cover. The top cover is snap-fitted to the upper compartment and can be easily removed for ergonomic cable laying from above. he trunking base has pre-punched mounting holes every 25th cm and can be provided with cable shelf. The integrated partition wall has pre-punched knock-outs every 25th cm to facilitate cable laying. The front opening is adapted to direct click-in of 50 mm wiring devices. Intended for wall mounting, either direct or on brackets. Trunking base and top cover are supplied unassembled under separate protective foil, in lengths of 2.5 m. Material: PVC.					
120 with two compartments	White	120/63/2500	10 m	3606485123356	**INS12350**
140 with two compartments	White	140/63/2500	10 m	3606485123424	**INS12450**

Accessories for PVC plastic trunking, rounded shape

Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
Internal corner, fixed					
Fixed internal corner for a 90 degree angling of plastic trunking (rounded). Material: PC/ABS.					
Internal corner 80	White	85/115/115	1	3606485123097	**INS12101**
Internal corner 100	White	105/115/115	1	3606485123189	**INS12201**
Internal corner, adjustable					
Adjustable internal corner for an 80–100 degree angling of plastic trunking (rounded). Material: PC/ABS.					
Internal corner 120	White	129/150/150	1	3606485123271	**INS12301**
Internal corner 140	White	149/150/150	1	3606485123370	**INS12401**
External corner, fixed					
Fixed external corner for a 90 degree angling of plastic trunking (rounded). Material: PC/ABS.					
External corner 80	White	85/105/105	1	3606485123103	**INS12102**
External corner 100	White	105/115/115	1	3606485123196	**INS12202**
External corner, adjustable					
Adjustable external corner for a 70–140 degree angling of plastic trunking (rounded). Material: PC/ABS.					
External corner 120	White	129/153/153	1	3606485123288	**INS12302**
External corner 140	White	149/153/153	1	3606485123387	**INS12402**
Bend, 90°, kit					
90 degree bend kit for angling upwards and downwards of plastic trunking (rounded). Including bend piece and fixing device to be screw-fitted to the wall. Material: PC/ABS.					
Bend 80	White	102/63/102	1	3606485123110	**INS12103**
Bend 100	White	122/63/122	1	3606485123202	**INS12203**

OptiLine 50 Trunking
Range

Accessories for PVC plastic trunking, rounded shape

Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.

T/L-piece

Combined T/L-piece. When being used as a T-piece it is intended to connect vertical and horizontal plastic trunking of various sizes, see below. As an L-piece it can be used in corners. Please note that the T/L-piece is **only** intended for rounded trunking.
Material: PC/ABS.

Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
For vertical trunking 80 and horizontal trunking 100, 120, 140	White	52/63/101	1	3606485123158	INS12107
For vertical trunking 100 and horizontal trunking 100, 120, 140	White	52/63/121	1	3606485123240	INS12207
For vertical trunking 120 and horizontal trunking 100, 120, 140	White	52/65/125	1	3606480580734	INS12307
For vertical trunking 140 and horizontal trunking 100, 120, 140	White	52/65/145	1	3606480580871	INS12407

Stop end

Stop end for plastic trunking. Screw-fixing.
Material: PC/ABS.

Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
Stop end 80	White	84/30/65	2	3606485123127	INS12104
Stop end 100	White	104/30/65	2	3606485123219	INS12204
Stop end 120	White	124/30/65	2	3606485123295	INS12304
Stop end 140	White	144/30/65	2	3606485123394	INS12404

Wall/ceiling frame

Wall/Ceiling frame to be fitted around a plastic trunking (rounded) at wall or ceiling passage. Snap-fitted, with a screw-fixing option.
Material: PC/ABS.

Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
Wall/Ceiling frame 80	White	130/22.5/88	1	3606485123134	INS12105
Wall/Ceiling frame 100	White	150/22.5/88	1	3606485123226	INS12205

Wall frame

Wall frame to be fitted around a plastic trunking (rounded) at wall passage. The separate back piece is to be used when the trunking is mounted on brackets. Snap-fitted, with a screw-fixing option.
Material: PC/ABS.

Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
Wall frame 120	White	170/22.5/113	1	3606485123301	INS12305
Wall frame 140	White	190/22.5/113	1	3606485123400	INS12405

Joint cover piece, kit

Joint cover piece, supplied and mounted together with two jointing pieces. Intended to cover joints between two plastic trunking sections (rounded). Easy to remove in case of an upgrading of the installation.
Material: PC/ABS.

Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
Joint cover piece 80	White	84/65/90	1	3606485123141	INS12106
Joint cover piece 100	White	104/65/90	1	3606485123233	INS12206

Joint cover piece, supplied and mounted together with three jointing pieces. Intended to cover joints between two plastic trunking sections and the removable top cover. Easy to remove in case of an upgrading of the installation.
Material: PC/ABS.

Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
Joint cover piece 120	White	124/65/90	1	3606485123318	INS12306
Joint cover piece 140	White	144/65/90	1	3606485123417	INS12406

Front cover

Front cover to be snap-fitted in trunking with a 50 mm front opening. Supplied with protective foil, in lengths of 2.5 m.
Material: PVC.

Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
Front cover F50	White	50/13/2500	30 m	3606485123509	INS12950

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.

Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
Cable shelf	White	17/47/1000	24 m	3606480028410	ISM10902

P104031
P104033
P140127
P140129
P104501
P104061
P104035
P104040
P103978
P111274
P103977
P85788

OptiLine 50 Trunking
Range

Accessories for PVC plastic trunking, rounded shape

Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
Spacer for top cover					
Spacer intended to secure the function of the top cover of the two-compartment trunking when mounted under a window-sill. Material: PC/ABS.					
Spacer 120/140	Green	10/12/30	10	3606485123486	**INS12910**
Screener for corner					
Screener for EMC protection of data and telephone cables placed in the upper compartment of the two-compartment plastic trunking and passing internal or external corners. Supplied with one screw. Material: Steel.					
Screener 120/140	—	1/74/74	10	3606485123349	**INS12312**
Screener for trunking base					
Screener with pre-punched knock-outs for EMC protection of data and telephone cables placed in the upper compartment of the two-compartment plastic trunking. Supplied with one screw. Material: Steel.					
Screener 120/140	—	7/57/1030	10	3606485123332	**INS12311**
Cable retainer					
Cable retainer to be mounted at the back of the trunking base to keep cables in place during the installation phase. No need to remove the retainer when fitting the front cover. Package of five. Material: PA.					
Cable retainer	Green	32/42/25	5	3606480028403	**ISM10901**
OSI connector					
OSI connector with push-in or screw type terminal block, 3-pole, for use together with cables 3 x 1.5 mm^2 or 3 x 2.5 mm^2. With the OSI connector, the OptiLine system can be used together with regular installation cables, i.e. it allows installation without or in conjunction with quick-connect cables. Material: PA.					
OSI connector, push-in With grey inner cover	Light grey	16/40/82	10	3606480580994	**INS60050**
OSI connector, screw With white inner cover	Light grey	16/40/82	10	3606480581007	**INS60051**
Socket outlet kit					
Double socket outlet kit including outlet, side-earthed, with label window and label and OSI connector with push-in terminal block, 3-pole. Allows the use of regular installation cables 3 x 1.5 mm^2 or 3 x 2.5 mm^2. Material: PA, PC/ABS.					
Socket outlet kit	White	50/56/120	1	3606480581014	**INS62100**
Socket outlet kit	Dark grey	50/56/120	1	3606480581021	**INS62101**
Insulation strips					
Sound insulation strip to be used for sound absorbing up to 53 dB when a trunking passes through a wall. Supplied in a set of four for up to four compartments. Material: Foam plastic.					
TTI-T3045	Black	30/45/350	1	7315885590410	**5590410**
TTI-T5070	Black	50/70/350	1	7315880011828	**5590414**

Plastic trunking, PVC, rectangular shape

Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
Installation trunking with one compartment, PVC					
Installation trunking consisting of a one-compartment trunking base with rectangular shape. The trunking base has pre-punched mounting holes every 25th cm and can be provided with cable shelf. The front opening is adapted to direct click-in of 50 mm wiring devices. The trunking base can also be used as a feeder trunking for all OptiLine 50 trunking. Intended for direct wall mounting. The trunking base is supplied with protective foil, in lengths of 2.5 m. Material: PVC.					
120C with one compartment	White	120/65/2500	10 m	3606480580826	**INS12360**

Accessories for PVC plastic trunking, rectangular shape

Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
Internal corner, fixed					
Fixed internal corner for a 90 degree angling of plastic trunking (rectangular). Material: PVC.					
Internal corner 120C	White	120/200/200	1	3606480580833	**INS12361**
External corner kit, fixed					
Fixed external corner kit for a 90 degree angling of plastic trunking (rectangular). Including front cover for corner piece. Material: PVC.					
External corner kit 120C	White	120/200/200	1	3606480580840	**INS12362**
Bend, 90°					
90 degree bend for angling upwards and downwards of plastic trunking (rectangular). Material: PVC.					
Bend 120C	White	200/65/200	1	3606480580857	**INS12363**
T-piece					
T-piece intended to connect vertical and horizontal plastic trunking (rectangular). Material: PVC.					
T-piece 120C	White	280/65/200	1	3606480580864	**INS12367**
Stop end					
Stop end for plastic trunking (rectangular). Screw-fixing. Material: PC/ABS.					
Stop end 120C	White	124/30/67	2	3606480580789	**INS12324**
Wall frame					
Wall frame to be fitted around a plastic trunking (rectangular) at wall passage. The separate back piece is to be used when the trunking is mounted on brackets. Snap-fitted, with a screw-fixing option. Material: PC/ABS.					
Wall frame 120C	White	170/115/22.5	1	3606480580796	**INS12325**
Front cover					
Front cover to be snap-fitted in trunking with a 50 mm front opening. Supplied with protective foil, in lengths of 2.5 m. Material: PVC.					
Front cover F50	White	50/13/2500	30 m	3606485123509	**INS12950**
Joint cover piece for front cover					
Joint cover piece intended to cover joints between two front covers. Material: PC/ABS.					
Joint cover piece	White	51/20/25	5	3606485123455	**INS12902**
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.					
Cable shelf	White	17/47/1000	24 m	3606480028410	**ISM10902**
Jointing piece					
Internal jointing piece intended to facilitate jointing of two trunking bases. May also be used to mount the joint cover piece. Material: PC/ABS.					
Jointing piece	White	5/30/90	10	3606485123479	**INS12905**

Accessories for PVC plastic trunking, rectangular shape

Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
Sealing strip					
Sealing strip to be fitted between trunking and floor for a 10-15 mm coverage. Material: PVC.					
Sealing strip	Polar white	17/40/2000	24 m	3606480681943	**ISM10905P**
Cable bending protection					
Protection device intended to protect cables, mainly for data and telephone, in corners and bends or at trunking entries, ensuring that the cables will not be below the minimum bending radius. Material: PC/ABS.					
Cable bending protection 120/140	White	68/20/68	5	3606485123325	**INS12310**
Cable retainer					
Cable retainer to be mounted at the back of the trunking base to keep cables in place during the installation phase. No need to remove the retainer when fitting the front cover. Package of five. Material: PA.					
Cable retainer	Green	32/42/25	5	3606480028403	**ISM10901**
OSI connector					
OSI connector with push-in or screw type terminal block, 3-pole, for use together with cables 3 x 1.5 mm^2 or 3 x 2.5 mm^2. With the OSI connector, the OptiLine system can be used together with regular installation cables, i.e. it allows installation without or in conjunction with quick-connect cables. Material: PA.					
OSI connector, push-in With grey inner cover	Light grey	16/40/82	10	3606480580994	**INS60050**
OSI connector, screw With white inner cover	Light grey	16/40/82	10	3606480581007	**INS60051**
Socket outlet kit					
Double socket outlet kit including outlet, side-earthed, with label window and label and OSI connector with push-in terminal block, 3-pole. Allows the use of regular installation cables 3 x 1.5 mm^2 or 3 x 2.5 mm^2. Material: PA, PC/ABS.					
Socket outlet kit	White	50/56/120	1	3606480581014	**INS62100**
Socket outlet kit	Dark grey	50/56/120	1	3606480581021	**INS62101**
Insulation strips					
Sound insulation strip to be used for sound absorbing up to 53 dB when a trunking passes through a wall. Supplied in a set of four for up to four compartments. Material: Foam plastic.					
TTI-T3045	Black	30/45/350	1	7315885590410	**5590410**
TTI-T5070	Black	50/70/350	1	7315880011828	**5590414**

P85791
P109864
P85787
P140131
P140132
P140133
P140134
P61537

OptiLine 50 Trunking
Range

Steel trunking

	Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
	Installation trunking with one compartment					
	Installation trunking consisting of a one-compartment trunking base with rectangular shape. The trunking base has pre-punched mounting holes every 25th cm and can be provided with a self-earthing cable shelf. The front opening is adapted to direct click-in of 50 mm wiring devices. Intended for direct wall mounting or on brackets. With integrated mounting features for uneven walls. The trunking base can also be used as a feeder trunking. The trunking base is supplied with protective foil, in lengths of 3 m. Material thickness 0.8 mm. Material: Zinc coated sheet steel, powder coated white.					
	120C with one compartment	White	120/65/3000	3 m	3606480580901	**INS14300**

Accessories for steel trunking

	Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
	Internal corner, fixed					
	Fixed internal corner for a 90 degree angling of steel trunking. Material: Zinc coated sheet steel, powder coated white.					
	Internal corner 120C	White	120/200/250	1	3606480580918	**INS14301**
	Internal corner, adjustable					
	Adjustable internal corner to be used to fit together two steel trunking bases that form a certain angle. Material: Zinc coated sheet steel, powder coated white.					
	Internal corner 120C, adj.	White	115/65/122	1	3606480580963	**INS14311**
	External corner, fixed					
	Fixed external corner kit for a 90 degree angling of steel trunking. Including front cover for corner piece. Material: Zinc coated sheet steel, powder coated white.					
	External corner kit 120C	White	120/200/250	1	3606480580925	**INS14302**
	Universal corner					
	Universal corner. Can be used both as internal and external corner. Material: Zinc coated sheet steel, powder coated white.					
	Universal corner 120C	White	145/145/120	1	3606480580956	**INS14310**
	Bend, 90°					
	90 degree bend for angling upwards and downwards of steel trunking. Material: Zinc coated sheet steel, powder coated white.					
	Bend 120C	White	250/65/250	1	3606480580932	**INS14303**
	T-piece					
	T-piece intended to connect vertical and horizontal steel trunking. Material: Zinc coated sheet steel, powder coated white.					
	T-piece 120C	White	400/65/180	1	3606480580949	**INS14307**
	Universal T-piece					
	Universal T-piece suitable for horizontal trunking 120C and vertical trunking 120C when used as a feeder. Material: Zinc coated sheet steel, powder coated white.					
	Universal T-piece 120C	White	120/15/53	1	3606480580970	**INS14312**
	Stop end					
	Stop end intended to cover the ends of the trunking base. Material: Zinc coated sheet steel, powder coated white.					
	Stop end 120C	White	120/65/10	1	7315880080558	**INS5551803**
	Joint cover piece					
	Joint cover piece, intended to cover joints between steel trunking sections. Material: Zinc coated sheet steel, powder coated white.					
	TTS-US120C	White	120/65/30	1	7315880085072	**5595 223**
	Front cover					
	Front cover to be snap-fitted in steel trunking with a 50 mm front opening. Provided with earthing slots. Supplied with protective foil, in lengths of 1.5 m. Material: Zinc coated sheet steel, powder coated white.					
	Front cover F50	White	50/13/1500	3 m	3606480580987	**INS14900**
	Insulation strips					
	Sound insulation strip to be used for sound absorbing up to 53 dB when a trunking passes through a wall. Supplied in a set of four for up to four compartments. Material: Foam plastic.					
	TTI-T3045	Black	30/45/350	1	7315885590410	**5590410**
	TTI-T5070	Black	50/70/350	1	7315880011828	**5590414**

OptiLine 50 Trunking
Range

Accessories for steel trunking

Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
Wall brackets					
Adjustable wall bracket for mounting of trunking at a distance from the wall. Adjustability, see below. Material: Steel, unpainted.					
Wall bracket adjustable between 50 and 70 mm	–	162/126/50	1	3606480618659	**INS10970**
Wall bracket adjustable between 70 and 110 mm	–	162/126/70	1	3606480618666	**INS10971**
Wall bracket adjustable between 110 and 160 mm	–	162/126/110	1	3606480618673	**INS10972**
Cable shelf					
Single cable shelf to be mounted in the trunking base, providing separation between power and low voltage cables. Material: Zinc coated sheet steel, unpainted.					
Cable shelf	–	55/20/1500	10	3606480605710	**INS10960**
Cable bending protection					
Protection device intended to protect cables, mainly for data and telephone, in corners and bends or at trunking entries, ensuring that the cables will not be below the minimum bending radius. Material: PC/ABS.					
Cable bending protection 120/140	White	68/20/68	5	3606485123325	**INS12310**
Jointing piece					
Jointing piece intended to joint trunking base parts together and connect them to earth. Provided with punched earthing clips. From the Stago range. Material: Stainless steel.					
Jointing piece for 120C	—	8/65/60	20	7315880080640	**INS5596240**
Earthing clamp					
Earthing clamp for 50 mm front cover intended for bonding the front cover to earth. Material: Stainless steel.					
Earthing clamp JB-50	–	5/16/48	10	3606480580727	**INS10956**
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. For aluminium trunking.					
Earthing kit	Yellow/green	L = 200	10	3606480028519	**ISM10953**
		L = 300	10	3606480028526	**ISM10954**
Bottom cable shelf					
Cable shelf to divide the bottom compartment of the trunking. From the Stago range. Material: Zinc coated sheet steel, unpainted.					
For trunking 120C	—	61/22/1500	10	8712186018145	**INS19034200**
OSI connector					
OSI connector with push-in or screw type terminal block, 3-pole, for use together with cables 3 x 1.5 mm^2 or 3 x 2.5 mm^2. With the OSI connector, the OptiLine system can be used together with regular installation cables, i.e. it allows installation without or in conjunction with quick-connect cables. Material: PA.					
OSI connector, push-in With grey inner cover	Light grey	16/40/82	10	3606480580994	**INS60050**
OSI connector, screw With white inner cover	Light grey	16/40/82	10	3606480581007	**INS60051**
Socket outlet kit					
Double socket outlet kit including outlet, side-earthed, with label window and lrabel and OSI connector with push-in terminal block, 3-pole. Allows the use of regular installation cables 3 x 1.5 mm^2 or 3 x 2.5 mm^2. Material: PA, PC/ABS.					
Socket outlet kit	White	50/56/120	1	3606480581014	**INS62100**
Socket outlet kit	Dark grey	50/56/120	1	3606480581021	**INS62101**

OptiLine 50 Trunking
Range

Aluminium trunking

	Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
	Installation trunking with one compartment					
	Installation trunking consisting of a one-compartment trunking base. The trunking base has pre-punched mounting holes every 25th cm and can be provided with a cable shelf. The front opening is adapted to direct click-in of 50 mm wiring devices. Intended for direct wall mounting. The trunking base is supplied with protective foil, in lengths of 2.5 m. Material: Aluminium, natural anodized or powder coated white.					
P103962	80 with one compartment	White Anodized	80/63/2500	10 m	3606485123516 3606485123523	**INS13100** **INS13150**
P111541	100 with one compartment	White Anodized	100/63/2500	10 m	3606485123592 3606485123608	**INS13200** **INS13250**
	Installation trunking with two compartments					
	Installation trunking including two-compartment trunking base and removable top cover. The top cover is snap-fitted to the upper compartment and can be easily removed for ergonomic cable laying from above. The trunking base has pre-punched mounting holes every 25th cm and can be provided with cable shelf. The integrated partition wall has pre-punched slots every 25th cm to facilitate cable laying. The front opening is adapted to direct click-in of 50 mm wiring devices. Intended for wall mounting, either direct or on brackets. Trunking base and top cover are supplied unassembled under separate protective foil, in lengths of 2.5 m. Material: Aluminium, natural anodized or powder coated white.					
P103966	120 with two compartments	White Anodized	120/63/2500	10 m	3606485123677 3606485123707	**INS13300** **INS13350**
P111540	140 with two compartments	White Anodized	140/63/2500	10 m	3606485123752 3606485123783	**INS13400** **INS13450**

Accessories for aluminium trunking

	Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
	Internal corner, fixed					
	Fixed internal corner for a 90 degree angling of aluminium trunking. Material: PC/ABS.					
P104041 P104042	Internal corner 80	White Alu metallic	85/115/115	1	3606485123097 3606485123530	**INS12101** **INS13151**
	Internal corner 100	White Alu metallic	105/115/115	1	3606485123189 3606485123615	**INS12201** **INS13251**
	Internal corner, adjustable					
	Adjustable internal corner for an 80–100 degree angling of aluminium trunking. Material: PC/ABS.					
P104060 P101502	Internal corner 120	White Alu metallic	129/150/150	1	3606485123271 3606485123714	**INS12301** **INS13351**
	Internal corner 140	White Alu metallic	149/150/150	1	3606485123370 3606485123790	**INS12401** **INS13451**
	External corner, fixed					
	Fixed external corner for a 90 degree angling of aluminium trunking. Material: PC/ABS.					
P104029 P104030	External corner 80	White Alu metallic	85/105/105	1	3606485123103 3606485123547	**INS12102** **INS13152**
	External corner 100	White Alu metallic	105/115/115	1	3606485123196 3606485123622	**INS12202** **INS13252**
	External corner, adjustable					
	Adjustable external corner for a 70–140 degree angling of aluminium trunking. Material: PC/ABS.					
P104038 P104039	External corner 120	White Alu metallic	129/153/153	1	3606485123288 3606485123721	**INS12302** **INS13352**
	External corner 140	White Alu metallic	149/153/153	1	3606485123387 3606485123806	**INS12402** **INS13452**
	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.					
P102827 P106217	Bend 80	White Alu metallic	102/63/102	1	3606485123110 3606485123554	**INS12103** **INS13153**
	Bend 100	White Alu metallic	122/63/122	1	3606485123202 3606485123639	**INS12203** **INS13253**
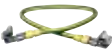
OptiLine 50 Trunking
Range

Accessories for aluminium trunking

Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
T/L-piece					
Combined T/L-piece. When being used as a T-piece it is intended to connect vertical and horizontal aluminium trunking of various sizes. As an L-piece it can be used in corners. Material: PC/ABS.					
For vertical trunking 80 and horizontal trunking 100, 120, 140	White Alu metallic	52/63/101	1	3606485123158 3606485123585	**INS12107** **INS13157**
For vertical trunking 100 and horizontal trunking 100, 120, 140	White Alu metallic	52/63/121	1	3606485123240 3606485123660	**INS12207** **INS13257**
For vertical trunking 120 and horizontal trunking 100, 120, 140	White Alu metallic	52/65/125	1	3606480580734 3606480580888	**INS12307** **INS13357**
For vertical trunking 140 and horizontal trunking 100, 120, 140	White Alu metallic	52/65/145	1	3606480580871 3606480580895	**INS12407** **INS13457**
Stop end					
Stop end for aluminium trunking. Screw-fixing. Material: PC/ABS.					
Stop end 80	White Alu metallic	84/30/65	2	3606485123127 3606485123561	**INS12104** **INS13154**
Stop end 100	White Alu metallic	104/30/65	2	3606485123219 3606485123646	**INS12204** **INS13254**
Stop end 120	White Alu metallic	124/30/65	2	3606485123295 3606485123738	**INS12304** **INS13354**
Stop end 140	White Alu metallic	144/30/65	2	3606485123394 3606485123813	**INS12404** **INS13454**
Wall/ceiling frame					
Wall/Ceiling frame to be fitted around an aluminium trunking at wall or ceiling passage. Snap-fitted, with a screw-fixing option. Material: PC/ABS.					
Wall/Ceiling frame 80	White	130/22.5/88	1	3606485123134	**INS12105**
Wall/Ceiling frame 100	White	150/22.5/88	1	3606485123226	**INS12205**
Wall frame					
Wall frame to be fitted around an aluminium trunking at wall passage. The separate back piece is to be used when the trunking is mounted on brackets. Snap-fitted, with a screw-fixing option. Material: PC/ABS.					
Wall frame 120	White	170/22.5/113	1	3606485123301	**INS12305**
Wall frame 140	White	190/22.5/113	1	3606485123400	**INS12405**
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.					
Joint cover piece 80	White Alu metallic	84/65/90	1	3606485123141 3606485123578	**INS12106** **INS13156**
Joint cover piece 100	White Alu metallic	104/65/90	1	3606485123233 3606485123653	**INS12206** **INS13256**
Joint cover piece, supplied and mounted together with three jointing pieces. Intended to cover joints between two aluminium trunking sections and the removable top cover. Easy to remove in case of an upgrading of the installation. Material: PC/ABS.					
Joint cover piece 120	White Alu metallic	124/65/90	1	3606485123318 3606485123745	**INS12306** **INS13356**
Joint cover piece 140	White Alu metallic	144/65/90	1	3606485123417 3606485123820	**INS12406** **INS13456**
Front cover					
Front cover to be snap-fitted in aluminium trunking with a 50 mm front opening. Aluminium covers provided with earthing slots. Supplied with protective foil, in lengths of 2.5 m. Material: Aluminium, natural anodized or powder coated white, or PC/ABS.					
Front cover F50 Aluminium	White	50/17/2500	25 m	3606485123974	**INS13900**
Front cover F50 Aluminium	Anodized	50/17/2500	25 m	3606485124025	**INS13950**
Front cover F50 PC/ABS	Dark grey	50/13/2500	30 m	3606485123448	**INS12901**

OptiLine 50 Trunking
Range

Accessories for aluminium trunking

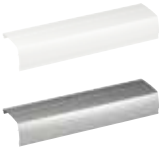|	Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
Joint cover piece for front cover						
	Joint cover piece intended to cover joints between two front covers. Material: PC/ABS.					
	Joint cover piece	White	51/20/25	5	3606485123455	**INS12902**
		Alu metallic			3606485123981	**INS13902**
		Dark grey			3606485123998	**INS13903**
Joint cover piece for top cover						
	Joint cover piece intended to cover joints between two top covers. Material: PC/ABS.					
	Joint cover piece 120/140	White	27/65/54	1	3606485123493	**INS12911**
		Alu metallic			3606485124018	**INS13911**
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: PC/ABS or Aluminium, natural anodized.					
	Cable shelf PC/ABS	White	17/48/1000	24 m	3606485123462	**INS12904**
	Cable shelf Aluminium	Anodized	17/48/1000	24 m	3606485124001	**INS13904**
Jointing piece, plastic						
	Internal jointing piece intended to facilitate jointing of two aluminium trunking bases. May also be used to mount the joint cover piece. Material: PC/ABS.					
	Jointing piece	White	5/30/90	10	3606485123479	**INS12905**
Jointing piece, aluminium						
	Internal jointing piece intended to facilitate jointing of two aluminium trunking bases. Not compatible with joint cover piece kit. Material: Aluminium.					
	Jointing piece	Natural	8/27/60	2	3606480793721	**INS12906**
Sealing strip						
	Sealing strip to be fitted between trunking and floor for a 10-15 mm coverage. Material: PVC.					
	Sealing strip	Polar white	17/40/2000	24 m	3606480681943	**ISM10905P**
Cable bending protection						
	Protection device intended to protect cables, mainly for data and telephone, in corners and bends or at trunking entries, ensuring that the cables will not be below the minimum bending radius. Material: PC/ABS.					
	Cable bending protection 120/140	White	68/20/68	5	3606485123325	**INS12310**
Spacer for top cover						
	Spacer intended to secure the function of the top cover of the two-compartment trunking when mounted under a window-sill. Material: PC/ABS.					
	Spacer 120/140	Green	10/12/30	10	3606485123486	**INS12910**
Cable retainer						
	Cable retainer to be mounted at the back of the trunking base to keep cables in place during the installation phase. No need to remove the retainer when fitting the front cover. Package of five. Material: PA.					
	Cable retainer	Green	32/42/25	5	3606480028403	**ISM10901**
Feeder unit						
	Feeder unit intended to be used as cable entry connection between horizontal and vertical trunking. Material: Aluminium, natural anodized or powder coated white.					
	Feeder unit 120	White	120/63/1000	1	3606485123684	**INS13320**
		Anodized			3606485123691	**INS13321**
	Feeder unit 140	White	140/63/1000	1	3606485123769	**INS13420**
		Anodized			3606485123776	**INS13421**

OptiLine 50 Trunking
Range

Accessories for aluminium trunking

Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
Earthing clamp					
Earthing clamp for equipotential bonding, suitable for earthing of cable up to 10 mm². Material: Zinc.					
Earthing clamp	—	19/20/19	10	3606485124032	**INS13951**
Earthing clamp					
Earthing clamp to be used for bonding of front cover, trunking base and accessories to earth. For aluminium trunking. 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. For aluminium trunking.					
Earthing kit	Yellow/green	L = 200	10	3606480028519	**ISM10953**
		L = 300	10	3606480028526	**ISM10954**
Jointing/earthing piece					
Internal jointing and earthing piece, intended for jointing and earthing of two aluminium trunking bases. Including two screws. For aluminium trunking. Material: Zinc.					
Jointing/earthing piece	Untreated	4/6/26	10	3606480028533	**ISM10955**
EMC Hose					
EMC hose for improved shielding of cables. Material: Nylon, copper-plaited.					
EMC hose	Black	L = 400	1	3606485124049	**INS13952**
OSI connector					
OSI connector with push-in or screw type terminal block, 3-pole, for use together with cables 3 x 1.5 mm² or 3 x 2.5 mm². With the OSI connector, the OptiLine system can be used together with regular installation cables, i.e. it allows installation without or in conjunction with quick-connect cables. Material: PA.					
OSI connector, push-in With grey inner cover	Light grey	16/40/82	10	3606480580994	**INS60050**
OSI connector, screw With white inner cover	Light grey	16/40/82	10	3606480581007	**INS60051**
Socket outlet kit					
Double socket outlet kit including outlet, side-earthed, with label window and label and OSI connector with push-in terminal block, 3-pole. Allows the use of regular installation cables 3 x 1.5 mm² or 3 x 2.5 mm². Material: PA, PC/ABS.					
Socket outlet kit	White	50/56/120	1	3606480581014	**INS62100**
Socket outlet kit	Dark grey	50/56/120	1	3606480581021	**INS62101**
Insulation strips					
Sound insulation strip to be used for sound absorbing up to 53 dB when a trunking passes through a wall. Supplied in a set of four for up to four compartments. Material: Foam plastic.					
TTI-T3045	Black	30/45/350	1	7315885590410	**5590410**
TTI-T5070	Black	50/70/350	1	7315880011828	**5590414**

P110470
P87196
P85796
P85794
P112421
P140131
P140132
P140133
P140134
P61537

OptiLine 50 Trunking
Range

Aluminium trunking 140H

Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
Trunking base					

Two-compartment trunking base with one front and one rear compartment. Both compartments have a 50 mm front opening. The integrated partition wall has pre-punched slots every 25th cm to facilitate cable laying. The front opening of the rear compartment is adapted to direct click-in of 50 mm wiring devices. Intended for wall mounting, either direct or on brackets. o be used in conjunction with outlet cover kit and top cover. The trunking base is supplied under protective foil, in lengths of 2.5 m. Material: Aluminium, natural anodized or powder coated white.

Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
140H with two compartments	White Anodized	140/116/2500	5 m	3606485123837 3606485123929	**INS13800** **INS13850**
Top cover					

Top cover intended to cover trunking base 140H. Supplied with protective foil, in lengths of 2.5 m. Material: Aluminium, natural anodized or powder coated white.

Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
Top cover 140H	White Anodized	92/108/2500	5 m	3606485123905 3606485123912	**INS13811** **INS13861**
Outlet cover kit					

Outlet cover kit including hinged outlet cover (950 mm long), halogen-free plastic front covers, left-hand and right-hand end-pieces and cable organizers. To be used together with the trunking base for access to and concealed installation of wiring devices, and to organize cables. Ensures maximum EMC protection and ergonomic access to outlets and cables. The hinges enable opening and closing of the cover. Material: Aluminium, natural anodized or powder coated white with stop ends of aluminium, powder coated grey or white.

Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
Outlet cover kit 140H	White Anodized	70/125/1070	1	3606485123899 3606480068621	**INS13810** **INS13860**

Accessories for aluminium trunking 140H

Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
Internal corner, fixed					

Fixed internal corner with top cover for a 90 degree angling of aluminium trunking. Supplied with two cable bending protections. Material: Aluminium, natural anodized or powder coated white.

Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
Internal corner 140H	White Anodized	140/300/300	1	3606485123844 3606485123936	**INS13801** **INS13851**
External corner, fixed					

Fixed external corner with top cover for a 90 degree angling of aluminium trunking. Supplied with two cable bending protections. Material: Aluminium, natural anodized or powder coated white.

Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
External corner 140H	White Anodized	140/300/300	1	3606485123851 3606485123943	**INS13802** **INS13852**
Stop end					

Stop end for aluminium trunking. Screw-fixed to the trunking base. Material: Steel, powder coated white or aluminium metallic.

Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
Stop end 140H	White Alu metallic	142/118/2	2	3606485123868 3606485123950	**INS13804** **INS13854**
Wall frame					

Wall frame to be fitted around an aluminium trunking at a wall passage. Fitted on the wall, with a screw-fixing option. Material: Polystyrene.

Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
Wall frame 140H	White	200/178/2	1	3606485123875	**INS13805**
Joint cover piece, top cover					

Joint cover piece intended to cover joints between two aluminium trunking sections with top cover. Easy to remove in case of an upgrading of the installation. Material: Aluminium, natural anodized or powder coated white.

Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
Joint cover piece 140H	White Anodized	141/118/45	1	3606485123882 3606485123967	**INS13806** **INS13856**
Joint cover piece, outlet cover kit					

Joint cover piece intended to cover joints between two aluminium trunking sections with outlet cover kit. Easy to remove in case of an upgrading of the installation. Material: Aluminium, natural anodized or powder coated white.

Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
Joint cover piece 140H	White Anodized	73/118/45	1	3606480068607 3606480068614	**INS13807** **INS13857**
Jointing piece					

Internal jointing piece intended to facilitate jointing of two aluminium trunking bases. Material: PC/ABS.

Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
Jointing piece	White	5/30/90	10	3606485123479	**INS12905**

OptiLine 50 Trunking
Range

Accessories for aluminium trunking 140H

	Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
Jointing piece, aluminium						
P148800	Internal jointing piece intended to facilitate jointing of two aluminium trunking bases. Not compatible with joint cover piece kit. Material: Aluminium.					
	Jointing piece	Natural	8/27/60	10	3606480793721	**INS12906**
Earthing clamp						
P110470	Earthing clamp for equipotential bonding, suitable for earthing cable up to 10 mm². Material: Zinc.					
	Earthing clamp	—	19/20/19	10	3606485124032	**INS13951**
Earthing clamp						
P87196	Earthing clamp to be used for bonding of front cover, trunking base and accessories to earth. For aluminium trunking. Material: Steel.					
	Earthing clamp	—	9/9/9	20	3606480028502	**ISM10952**
Earthing kit						
P85796	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. For aluminium trunking.					
	Earthing kit	Yellow/green	L = 200	10	3606480028519	**ISM10953**
			L = 300	10	3606480028526	**ISM10954**
Jointing/earthing piece						
P85794	Internal jointing and earthing piece, intended for jointing and earthing of two aluminium trunking bases. Including two screws. For aluminium trunking. Material: Zinc.					
	Jointing/earthing piece	Untreated	4/6/26	10	3606480028533	**ISM10955**
OSI connector						
	OSI connector with push-in or screw type terminal block, 3-pole, for use together with cables 3 x 1.5 mm² or 3 x 2.5 mm². With the OSI connector, the OptiLine system can be used together with regular installation cables, i.e. it allows installation without or in conjunction with quick-connect cables. Material: PA.					
P140131	OSI connector, push-in With grey inner cover	Light grey	16/40/82	10	3606480580994	**INS60050**
P140132	OSI connector, screw With white inner cover	Light grey	16/40/82	10	3606480581007	**INS60051**
Socket outlet kit						
	Double socket outlet kit including outlet, side-earthed, with label window and label and OSI connector with push-in terminal block, 3-pole. Allows the use of regular installation cables 3 x 1.5 mm² or 3 x 2.5 mm². Material: PA, PC/ABS.					
P140133	Socket outlet kit	White	50/56/120	1	3606480581014	**INS62100**
P140134	Socket outlet kit	Dark grey	50/56/120	1	3606480581021	**INS62101**
Mounting washer						
P61881	Mounting washer provided with screw hole for mounting to the wall by means of a countersunk screw. The mounting washers are to be placed on the wall along a chalk lining. The trunking is then easily hung on the mounting washers and screw-fixed directly to the wall. Material: PA, injection moulded.					
	TTI-MB	Black	5/15/19	100	7315885590182	**5590180**
Insulation strips						
P61537	Sound insulation strip to be used for sound absorbing up to 53 dB when a trunking passes through a wall. Supplied in a set of four for up to four compartments. Material: Foam plastic.					
	TTI-T3045	Black	30/45/350	1	7315885590410	**5590410**
	TTI-T5070	Black	50/70/350	1	7315880011828	**5590414**

OptiLine 50 Trunking
Range

Compatible products

Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
Fixed bracket					
Fixed wall bracket for wall-mounting of trunking. Material: Aluminium, untreated.					
TTA-KV15	—	113/23/28	10	7315885583016	**5583010**
TTA-KV35	—	130/43/28	10	7315880010241	**5583014**
Fixed bracket with integrated rib holder					
Fixed wall bracket with integrated rib holder, for wall-mounting of trunking. The integrated rib holder is suitable for ventilation rib TTA-G10. Material: Aluminium, untreated.					
TTA-KV35-1	—	130/43/28	10	7315880010258	**5583016**
TTA-KV56-2	—	130/64/28	10	7315880010265	**5583018**
TTA-KV79-3	—	130/86/28	10	7315885583023	**5583020**
TTA-KV101-4	—	132/109/28	10	7315880010272	**5583022**
TTA-KV123-5	—	132/131/28	10	7315880010289	**5583024**
TTA-KV146-6	—	130/153/28	10	7315880010296	**5583026**
Fixed bracket with loose rib holder					
Fixed wall bracket including loose plastic rib holder TTA-GH1 with steel clamp, for wall-mounting of trunking. The loose rib holder is suitable for ventilation ribs TTA-G10 and TTA-G3. Material: Aluminium, untreated, PC/ABS.					
TTA-KV35	—	132/43/28	10	7315885583030	**5583034**
TTA-KV56	—	132/64/28	10	7315880029915	**5583036**
TTA-KV79	—	132/86/28	10	7315880029922	**5583038**
TTA-KV101	—	132/109/28	10	7315885583047	**5583040**
TTA-KV123	—	132/131/28	10	7315880029939	**5583042**
TTA-KV146	—	132/153/28	10	7315880029946	**5583044**
Adjustable wall bracket					
Adjustable wall bracket for wall-mounting of trunking. Suitable for use together with ventilation-rib holder kit TTA-GH1 or rib holder TTA-GH6. Material: Steel, unpainted/Aluminium.					
TTA-TN50 Adjustability 50–70	—	121/67/50	10	7315885583573	**5583570**
TTA-TN70 Adjustability 70–110	—	121/67/70	10	7315880095118	**5583572**
TTA-TN110 Adjustability 110–170	—	121/67/110	10	7315880095125	**5583574**
TTA-TN160 Adjustability 160–260	—	180/67/160	10	7315880095132	**5583576**
Adjustable wall bracket with loose rib holder					
Adjustable wall bracket including loose plastic rib holder TTA-GH1 with steel clamp, for wall-mounting of trunking. The loose rib holder is suitable for ventilation ribs TTA-G10 and TTA-G3. Material: Steel, unpainted, PC/ABS.					
TTA-KVS60A Adjustability 30–60	—	77/30/28	10	7315885583603	**5583608**
Washer					
Washer to be used between bracket and wall or trunking and wall, to compensate for uneven walls. Material: PP.					
TTA-KM3	Grey	114/3/38	10	7315885583405	**5583408**
TTA-KM5	Grey	114/5/38	10	7315885583412	**5583410**
Ventilation-rib holder, kit					
Kit including 10 plastic rib holders and 10 steel clamps, to be used to fix ventilation ribs G3 and G10 on the wall brackets. Suitable for TTA-TN, TTA-KV and TTA-KVS. Material: PC/ABS (rib holder), steel (clamp).					
TTA-GH1	Grey	15/120/34	10	7315880079873	**5590456**
Ventilation-rib holder					
Rib holder to fix ventilation ribs G3 and G10 on the wall brackets. Suitable for TTA-TN, TTA-KV and TTA-KVS. Material: PC/ABS.					
TTA-GH6	Grey	15/120/34	10	7315880030034	**5590453**

OptiLine 50 Trunking
Range

Compatible products

	Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
Ventilation ribs						
Ventilation rib to be used together with wall bracket for trunking and ventilation-rib holder. Material: Aluminium, natural anodized or powder coated.						
P61940	TTA-G3	Anodized White White RAL 9010 Optional	20/3/2500	40	7315885590489 7315880028949 7315880031987 7315880032533	**5590480** **5590481** **5590482** **5590483**
P61406	TTA-G10	White RAL 9010 Anodized	20/10/2500	16	7315880031956 7315885590434	**5590424** **5590430**
Jointing piece for ventilation ribs						
Jointing piece to be used for jointing of ventilation ribs. Material: Aluminium, untreated.						
P61938	TTA-GS3	—	9/6/30	10	7315880028956	**5590486**
P61751	TTA-GS10	—	13/10/100	8	7315885590441	**5590440**
Insulation strips						
Sound insulation strip to be used for sound absorbing up to 53 dB when a trunking passes through a wall. Supplied in a set of four for up to four compartments. Material: Foam plastic.						
P61537	TTI-T3045	Black	30/45/350	1	7315885590410	**5590410**
	TTI-T5070	Black	50/70/350	1	7315880011828	**5590414**

OptiLine 50 Trunking
Range

Fixing products

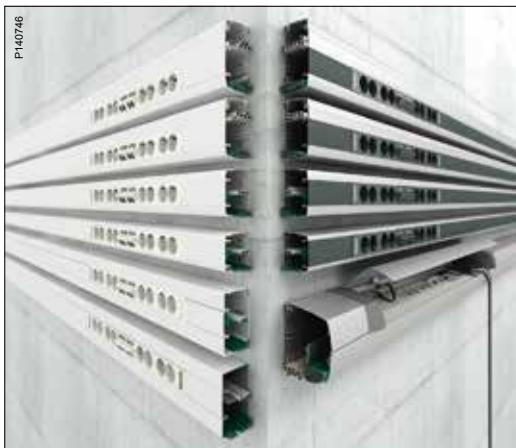| Type	Colour	Dimensions (mm)	Qty per package	EAN code	Ref. No.
Wall plugs					
Wall plug on sprue plate, suitable for use in concrete, stone, lightweight concrete, expanded clay, hollow bricks, solid bricks and plasterboard. Material: PE-HD.					
TP 2	Red	Ø5.5 x 35	100	7315881003006	**1003003**
TP 2B	Brown	Ø8 x 40	100	7315881005000	**1005008**
TP 3	Blue	Ø10 x 45	10	3606480621369	**IMT48002**
Same as above but single. Material: PE-HD.					
TP 6	Red	Ø6 x 30	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-6/5 x 35	Clear	Drill Ø6	100	7315881150007	**1150002**
TPS-6/20 x 50	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	—	Ø4.2 x 25	100	7315883782022	**3782020**
TSC-33	—	Ø4.2 x 31	100	7315883782039	**3782030**
Screw with raised countersunk head, Phillips cross recess. Fully threaded. Suitable for mounting directly into plasterboard. Material: Steel, electroplated.					
TSF-25	—	Ø4.8 x 25	100	7315883782428	**3782420**
TSF-35	—	Ø4.8 x 35	100	7315883782435	**3782430**
TSF-45	—	Ø4.8 x 45	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-IS5 x 32	—	Ø5 x 32	100	7332418018203	**4020210**
Concrete screws					
Concrete screw with flange head 17 mm. Recess T-30. Suitable for concrete and solid brick materials. Mounting with cordless screwdriver or wrench. Material: Steel, electroplated.					
MMS-MS	—	Ø7.5 x 45	50	3606480214479	**IMT38037**
Concrete screw with hexagon head. Washer 8 x 19 x 1.5 enclosed. Wrench width 10 mm. Suitable for concrete and solid brick materials. Mounting with cordless screwdriver or wrench. Material: Steel, electroplated.					
MMS-S	—	Ø7.5 x 50	50	3606480214394	**IMT38029**
Concrete screw with pan head. Recess T-20, T-30 or T-40, see below. Suitable for concrete and solid brick materials. Mounting with cordless screwdriver or wrench. Material: Steel, electroplated.					
MMS-P Recess T-20		Ø5 x 30	200	3606480214509	**IMT38040**
MMS-P Recess T-20		Ø5 x 50	200	3606480214516	**IMT38041**
MMS-P Recess T-30	-	Ø6 x 30	100	3606480214431	**IMT38033**
MMS-P Recess T-40	-	Ø7.5 x 45	100	3606480214448	**IMT38034**
Concrete screw with hexagon head and combined washer. Wrench width 10 mm. Suitable for concrete and solid brick materials. Mounting with cordless screwdriver or wrench. Material: Steel, electroplated.					
MMS-MF		Ø7.5 x 70	50	3606480214615	**IMT38051**

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Fixing products

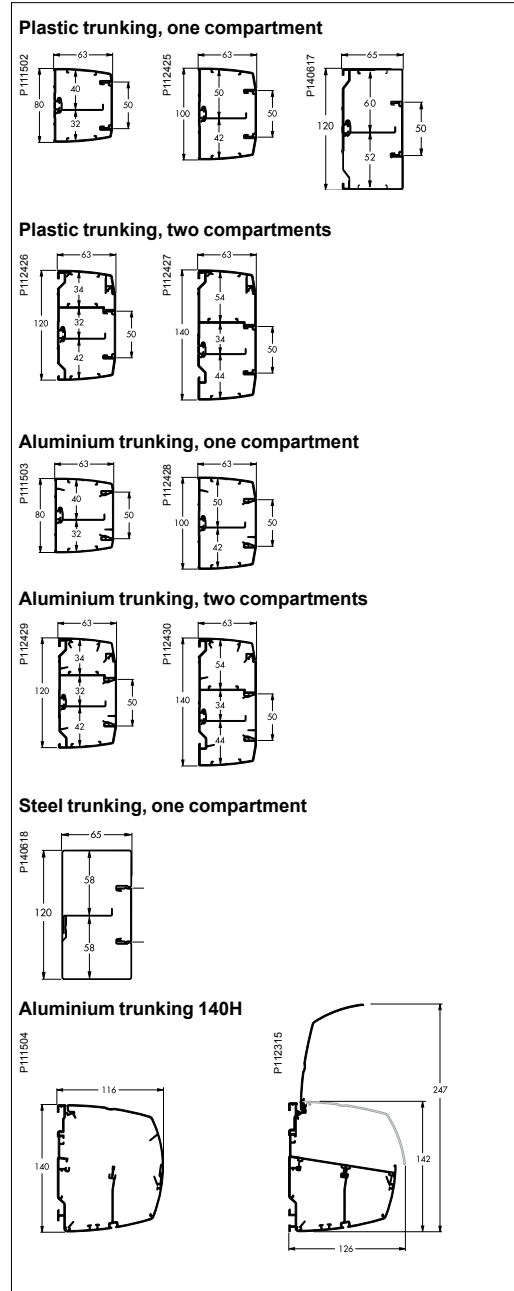|	Type	Colour	Dimensions (mm)	Qty per package	EAN code	Ref. No.
	Cavity fixings					
P80837	Cavity fixing with metal toggle for high load values. Material: Zinc/Steel.					
	TPP-10 x M4S	—	Drill Ø10	25	7315881200009	**1200005**
	TPP-13 x M5S	—	Drill Ø13	25	7315881200405	**1200401**
P89047	Cavity fixing for light installations in plasterboard. Board thickness from 9 mm. Screw size 4.5 x 35. Material: Zinc.					
	TPD-Metal	—	Screw size 4.5 x 35	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 4.2 x 38	—	—	50	7315881260171	**1260170**
	Through bolts					
P117745	Through bolt including nut and washer. Intended mainly for indoor installations in concrete or natural rock material. Fast-grip design, the bolt is set with a few turns of the nut. Corrosivity class C2. Material: Steel, electroplated.					
	Through bolt M8 x 95 fzb	—	M8 x 95	50	3606480214691	**IMT38008**
	Through bolt M10 x 105 fzb	—	M10 x 105	25	3606480214714	**IMT38010**
	Screw bits					
P80841 P91679	1/4 hexagon drive end, various lengths (25, 50 or 110 mm, see below). Adapted to the Thorsman range of installation screws with Phillips cross recess. Material: Hardened steel.					
P89048	PH 2 x 25	—	1/4" x 25	2	7315881772056	**1772054**
	PH 2 x 25 Reduced	—	1/4" x 25	2	7315880056294	**1772052**
	PH 2 x 50	—	1/4" x 50	2	7315880055273	**1772056**
	PH 2 x 110	—	1/4" x 110	2	7315880055297	**1772058**
P117758	Screw bit T-30, for use with an extension socket. Material: Steel.					
	Screw bit	—	6.25 x 25	2	3606480214653	**IMT38055**
	Magnetic socket driver					
P117761	Mounting tool with magnet for hexagon head screws. Material: Steel.					
	10 x 45 for 10 mm screws	—	10 x 45	1	3606480214639	**IMT38053**
P117759	13 x 55 for 13 mm screws		13 x 45	1	3606480214646	**IMT38054**

OptiLine 50 Trunking
Technical description

Technical and Material data

PVC (self-extinguishing, lead and cadmium-free poly-vinyl chloride)	Density	1.5 g/cm³
	Linear expansion	60 x 10⁻⁶/°C
	Fire rating	UL 94 V0 (0.8 mm)
	Colour	White RAL 9010 Polar white RAL 9003
Aluminium	Density	2.7 g/cm³
	Linear expansion	2.4 x 10⁻⁵/°C
	Surface treatment	Natural anodizing or powder coating
	Colour	White RAL 9010
PC/ABS (polycarbonate/ acrylonitrile butadiene styrene)	Density	1.14 g/cm³
	Linear expansion	70 x 10⁻⁶/°C
	Water absorption	0.6%
	Fire rating	UL 94 HB
	Colours	• White RAL 9010 • Dark grey RAL 7043 • Aluminium metallic (painted)
PA (polyamide), halogen-free	Density	1.16 g/cm³
	Water absorption	2.0%
	Fire rating	UL 94 V0

Version : 2.0   05/2019

OptiLine 50 Trunking
Technical description

Technical and Material data

PVC (self-extinguishing, lead and cadmium-free poly-vinyl chloride)	Density	1.5 g/cm^3
	Linear expansion	60×10^{-6}/°C
	Fire rating	UL 94 V0 (0.8 mm)
	Colour	White RAL 9010 / Polar white RAL 9003
Aluminium	Density	2.7 g/cm^3
	Linear expansion	2.4×10^{-5}/°C
	Surface treatment	Natural anodizing or powder coating
	Colour	White RAL 9010
PC/ABS (polycarbonate/ acrylonitrile butadiene styrene)	Density	1.14 g/cm^3
	Linear expansion	70×10^{-6}/°C
	Water absorption	0.6%
	Fire rating	UL 94 HB
	Colours	• White RAL 9010 • Dark grey RAL 7043 • Aluminium metallic (painted)
PA (polyamide), halogen-free	Density	1.16 g/cm^3
	Water absorption	2.0%
	Fire rating	UL 94 V0

Version : 2.0   05/2019

OptiLine 50 Trunking
Technical description

Design and dimensions

Plastic trunking, one compartment

Plastic trunking, two compartments

Aluminium trunking, one compartment

Aluminium trunking, two compartments

Steel trunking, one compartment

Aluminium trunking 140H

A-CB1C GR2

OptiLine 50 outlet poles

Outlets fixed to the wall tend to limit the application scope of your premises. Instead, the simple idea behind OptiLine 50 outlet poles is to let you move the power according to your needs. The infrastructure will be finished early in the building stage, the power being supplied in the ceiling by means of for instance Canalis power distribution and mesh trays for data and telecoms. The poles, to which power and data/telecoms are distributed from the ceiling, are connected at the end of the building phase. They are available free-standing, tension-mounted and for wall mounting, standardized in natural anodized or white aluminium. Should you want a more personal touch, just pick a colour from our palette or from the RAL colour chart. The poles are pre-wired with outlets and connections.

100%

OptiLine 50 outlet poles will allow you to make power, telecoms and data 100% available and flexible for the end user.

P112918

1- and 2-sided

The poles are configured on one or two sides. They are pre-wired, standard configurated or according to customer requirements.

1, 2 or 4 outlet boxes

Tension-mounted or free-standing? With one, two or four outlet boxes? The choice is yours! Choose between standard configuration or customized.

P112937

Many benefits from OptiLine 50 outlet poles

For the electrician, the principal benefit of the outlet poles is that they are time-savers. Power, data and telecoms are supplied from the ceiling to the pre-wired poles, allowing you to finish the electrical installation on site very quickly. With OptiLine tension-mounted, free-standing or wall-mounted poles you will equip a room with the desired outlets in just no time. You will get a stable, yet flexible solution, since you can move the poles to suit the furnitures.

Free-standing poles for a total flexibility

The free-standing outlet poles are provided with a stable and solid foot, making it easy to re-locate the poles according to changing needs of the users. The rectangular foot also enables you to place two poles in a back-to-back position or one pole close to a wall.

Tension-mounted poles for a discreet solution

A tension-mounted pole is your best choice when you want to occupy less floor space. The pole can be placed anywhere in the room, tension-mounted to the ceiling for stability. The compact foot provides a very effective and discreet solution in any environment that requires plenty of outlets, like a reception or a classroom.

Smart ceiling fixing
The height adjustment is easily made without tools entirely outside the pole, thus not affecting the outlet configuration.

No sharp edges
The end piece is of die-cast aluminium with smooth edges, preventing cables from being damaged.

Decoration and fixing
Both sides of the poles are provided with slots, in which you can screw-fix for instance a lamp without causing damage to the pole. You can also put decorative stripes in them.

Angled data outlets
The data outlets in our poles are angled to provide a perfect connection.

All solutions available
Accessories are available for all types of mounting.
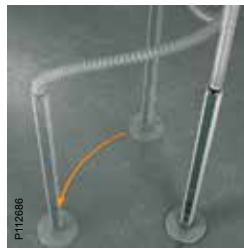
Flexibility
If you choose a pole with a flexible conduit you can move it around according to your needs. The action radius is approximately 1.5 m.

Marking
Our label windows are well suited for marking systems from Dymo, Brother and Fleximark.

45° outlet slots
The power outlet slots have been angled at 45 degrees for easy use.

Stable construction
The heavy cast-iron foot is your guarantee that the pole is steady and upright.

Tension-mounted poles

Customer specified
All poles can be customer specified entirely according to your needs.

P111277 P111276
P111281 P111280
P111285 P111284
P111390 P111389
P111394 P111393

One-sided   **Two-sided**   **1 outlet box**   **2 outlet boxes**   **4 outlet boxes**

Wall-mounted poles
Choose between flush or surface mounted wall poles. The surface mounted alternative has stop ends that have break-out sections that are suitable for OptiLine mini-trunking.

P119998

P112431

Discreet ceiling frames
The connections to the ceiling are easily mounted without tools. They are designed to handle various ceiling dimensions and give a nice-looking touch to the installation.

P112688

Free-standing poles

All poles can be customer specified entirely according to your needs.

One-sided

Two-sided

1 outlet box

2 outlet boxes

4 outlet boxes

Smart foot
With the rectangular foot you can place the poles back-to-back or close to a wall.
The foot is provided with a steel clamp that can be unfolded for extra support.
Nice and smart!

OptiLine 50 Poles
Range

Pre-wired poles, one and two-sided

Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
Pole, tension-mounted, one-sided, pre-defined/pre-wired					
Free-standing and tension-mounted 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 plastic front cover, ceiling fixing, ceiling frame, stop end, floor fixing, floor fixing plate (zinc) and mounting instruction. Adjustability of ceiling fixing 400 mm. Earthed. External cables: one unshielded 3 x 1.5 mm^2 cable with side-earthed plug, 3.5 m free length, and two Cat 6 UTP data cables with RJ45 plugs, 7.5 m free length. Material: Aluminium, natural anodized or powder coated white RAL 9010, PC/ABS (front cover).					
Pole, one-sided	Anodized White	2700-3100/68/89	1	3606485124070 3606485124087	**INS40404** **INS40405**
Pole, one-sided	Anodized White	3100-3500/68/89	1	3606480542930 3606480542947	**INS41004** **INS41005**
Pole, tension-mounted, one-sided, pre-defined/pre-wired, DE					
Free-standing and tension-mounted service pole, one-sided. Pre-wired, configured with 3 x double outlets, side-earthed, with cable, and 2 x Cat 6 STP with cable. Including plastic front cover, ceiling fixing, ceiling frame, stop end, floor fixing, floor fixing plate (zinc) and mounting instruction. Adjustability of ceiling fixing 400 mm. Earthed. External cables: one unshielded 3 x 1.5 mm^2 cable with side-earthed plug, 7.5 m free length, and two Cat 6 STP data cables with RJ45 plugs, 7.5 m free length. Material: Aluminium, natural anodized or powder coated white RAL 9010, PC/ABS (front cover).					
Pole, one-sided	Anodized White	2700-3100/68/89	1	3606480486609 3606480486616	**INS42404** **INS42405**
Pole, tension-mounted, one-sided, pre-defined/pre-wired, CH					
Free-standing and tension-mounted service pole, one-sided. Pre-wired, configured with 3 x double outlets, with 1.5 mm^2 cable, and 2 x Cat 6 STP with cable. Including plastic front cover, ceiling fixing, ceiling frame, stop end, floor fixing, floor fixing plate (zinc) and mounting instruction. Adjustability of ceiling fixing 400 mm. Earthed. Total free lengths of power and data cables: approx. 8 m. Material: Aluminum, natural anodized or powder coated white RAL 9010, PC/ABS (front cover).					
Pole, one-sided with data cables	Anodized White	2700-3100/68/89	1	3606480446153 3606480446160	**INS41410** **INS41411**
Free-standing and tension-mounted service pole, one-sided. Pre-wired, configured with 3 x double outlets, with 1.5 mm^2 cable, and 2 x AMP blind mounting plate. Including plastic front cover, ceiling fixing, ceiling frame, stop end, floor fixing, floor fixing plate (zinc) and mounting instruction. Adjustability of ceiling fixing 400 mm. Earthed. Total free lengths of power cables: approx. 8 m. Material: Aluminum, natural anodized or powder coated white RAL 9010, PC/ABS (front cover).					
Pole, one-sided without data cables	Anodized White	2700-3100/68/89	1	3606480446177 3606480445712	**INS41412** **INS41413**
Pole, tension-mounted, two-sided, pre-defined/pre-wired					
Free-standing and tension-mounted 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 plastic front cover, ceiling fixing, ceiling frame, stop end, floor fixing, floor fixing plate (zinc) and mounting instruction. Adjustability of ceiling fixing 400 mm. Earthed. External cables: one unshielded 3 x 1.5 mm^2 cable with side-earthed plug, 3.5 m free length, and four Cat 6 UTP data cables with RJ45 plugs, 7.5 m free length. Material: Aluminium, natural anodized or powder coated white RAL 9010, PC/ABS (front cover).					
Pole, two-sided	Anodized White	2700-3100/116/90	1	3606485124117 3606485124124	**INS40414** **INS40415**
Pole, two-sided	Anodized White	3100-3500/116/90	1	3606480542992 3606480543005	**INS41014** **INS41015**
Pole, tension-mounted, two-sided, pre-defined/pre-wired, DE					
Free-standing and tension-mounted service pole, two-sided. Pre-wired, each side configured with 3 x double outlets, side-earthed, with cable, and 2 x Cat 6 STP with cable. Including plastic front cover, ceiling fixing, ceiling frame, stop end, floor fixing, floor fixing plate (zinc) and mounting instruction. Adjustability of ceiling fixing 400 mm. Earthed. External cables: two unshielded 3 x 1.5 mm^2 cables with side-earthed plug, 7.5 m free length, and four Cat 6 STP data cables with RJ45 plugs, 7.5 m free length. Material: Aluminum, natural anodized or powder coated white RAL 9010, PC/ABS (front cover).					
Pole, two-sided	Anodized White	2700-3100/116/90	1	3606480486654 3606480488313	**INS42414** **INS42415**
Pole, tension-mounted, two-sided, pre-defined/pre-wired, CH					
Free-standing and tension-mounted service pole, two-sided. Pre-wired, each side configured with 3 x double outlets, Swiss standard, with 1.5 mm^2 cable, and 2 x Cat 6 STP with cable. Including plastic front cover, ceiling fixing, ceiling frame, stop end, floor fixing, floor fixing plate (zinc) and mounting instruction. Adjustability of ceiling fixing 400 mm. Earthed. Total cable lengths of power and data cables: approx. 8 m. Material: Aluminum, natural anodized or powder coated white RAL 9010, PC/ABS (front cover).					
Pole, two-sided with data cables	Anodized White	2700-3100/116/90	1	3606480445767 3606480445774	**INS41430** **INS41431**
Free-standing and tension-mounted service pole, two-sided. Pre-wired, each side configured with 3 x double outlets, Swiss standard, with 1.5 mm^2 cable, and 2 x AMP blind mounting plate. Including plastic front cover, ceiling fixing, ceiling frame, stop end, floor fixing, floor fixing plate (zinc) and mounting instruction. Adjustability of ceiling fixing 400 mm. Earthed. Total free lengths of power cables: approx. 8 m. Material: Aluminum, natural anodized or powder coated white RAL 9010, PC/ABS (front cover).					
Pole, two-sided without data cables	Anodized White	2700-3100/116/90	1	3606480445781 3606480445798	**INS41432** **INS41433**

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OptiLine 50 Poles
Range

Pre-wired poles, one and two-sided

Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
Pole, free-standing, one-sided, pre-defined/pre-wired					
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 plastic 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. Material: Aluminium, natural anodized or powder coated white RAL 9010, PC/ABS (front cover).					
Pole, one-sided	Anodized White	2150+2000/68/89	1	3606485124056 3606485124063	**INS40400** **INS40401**
Pole, free-standing, one-sided, pre-defined/pre-wired, DE					
Free-standing and movable service pole, one-sided. Pre-wired, configured with 3 x double outlets, side-earthed, with cables, and 2 x Cat 6 STP with cables. Including plastic 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, 6.0 m free length, and two Cat 6 STP data cables with RJ45 plugs, 6.0 m free length. Material: Aluminum, natural anodized or powder coated white RAL 9010, PC/ABS (front cover).					
Pole, one-sided	Anodized White	2150+2000/68/89	1	3606480486494 3606480486500	**INS42400** **INS42401**
Pole, free-standing, one-sided, pre-defined/pre-wired, CH					
Free-standing and movable service pole, one-sided. Pre-wired, configured with 3 x double outlets, Swiss standard, with 1.5 mm² cable, and 2 x Cat 6 STP with cable. Including plastic 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. Total free lengths of power and data cables: approx. 6 m. Material: Aluminum, natural anodized or powder coated white RAL 9010, PC/ABS (front cover).					
Pole, one-sided with data cables	Anodized White	2150+2000/68/89	1	3606480445897 3606480446009	**INS41400** **INS41401**
Free-standing and movable service pole, one-sided. Pre-wired, configured with 3 x double outlets, Swiss standard, with 1.5 mm² cable, and 2 x AMP blind mounting plate. Including plastic 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. Total free lengths of power cable : approx. 6 m. Material: Aluminum, natural anodized or powder coated white RAL 9010, PC/ABS (front cover).					
Pole, one-sided without data cables	Anodized White	2150+2000/68/89	1	3606480446115 3606480446146	**INS41402** **INS41403**
Pole, free-standing, one-sided, pre-defined/pre-wired					
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 plastic 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. Material: Aluminium, natural anodized or powder coated white RAL 9010, PC/ABS (front cover).					
Pole, two-sided	Pole, two-sided	2150+2000/116/90	1	3606489487720 3606489487737	**INS40470** **INS40471**
Pole, free-standing, two-sided, pre-defined/pre-wired					
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 plastic 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. Material: Aluminium, natural anodized or powder coated white RAL 9010, PC/ABS (front cover).					
Pole, two-sided	Anodized White	2150+2000/116/90	1	3606485124094 3606485124100	**INS40410** **INS40411**
Pole, free-standing, two-sided, pre-defined/pre-wired, DE					
Free-standing and movable service pole, two-sided. Pre-wired, each side configured with 3 x double outlets, side-earthed, with cables, and 2 x Cat 6 STP with cables. Including plastic 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: two unshielded 3x1.5 mm² cables with side-earthed plug, 6.0 m free length, and four Cat 6 STP data cables with RJ45 plugs, 6.0 m free length. Material: Aluminum, natural anodized or powder coated white RAL 9010, PC/ABS (front cover).					
Pole, two-sided	Anodized White	2150+2000/116/90	1	3606480486623 3606480486630	**INS42410** **INS42411**

OptiLine 50 Poles
Range

Pre-wired poles, one and two-sided

Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
Pole, free-standing, two-sided, pre-defined/pre-wired, CH					
Free-standing and movable service pole, two-sided. Pre-wired, each side configured with 3 x double outlets, Swiss standard, with 1.5 mm² cable, and 2 x Cat 6 STP with cable. Including plastic 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. Total cable lengths of power and data cables: 10 m. Material: Aluminum, natural anodized or powder coated white RAL 9010, PC/ABS (front cover).					
Pole, one-sided with data cables	Anodized White	2150+2000/116/90	1	3606480445729 3606480445736	**INS41420** **INS41421**
Free-standing and movable service pole, two-sided. Pre-wired, each side configured with 3 x double outlets, Swiss standard, with 1.5 mm² cable, and 2 x AMP blind mounting plate. Including plastic 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. Total cable lengths of power cables: approx. 6 m. Material: Aluminum, natural anodized or powder coated white RAL 9010, PC/ABS (front cover).					
Pole, one-sided without data cables	Anodized White	2150+2000/116/90	1	3606480445743 3606480445750	**INS41422** **INS41423**
Pole, free-standing, two-sided, pre-defined/pre-wired					
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 plastic 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. Material: Aluminium, natural anodized or powder coated white RAL 9010, PC/ABS (front cover).					
Pole, two-sided	Anodized White	2150+2000/116/90	1	3606489487744 3606489487751	**INS40472** **INS40473**
Pole, customer specified/pre-wired					
One-sided or two-sided service pole according to special customer order. Free-standing or tension-mounted, pre-wried. Can be specified in optional length, surface treatment and configuration. Implies a detailed specification. Including mounting instruction and electrical wiring diagram with dimensions. Earthed. Foot for free-standing pole to be ordered separately. Material: Aluminium.					
One-sided, acc. to customer spec.	Optional	Optional/68/89	—	—	**GCR_CMS9314**
Two-sided, acc. to customer spec.	Optional	Optional/116/90	—	—	**GCR_CMS9315**

Empty poles, one and two-sided

Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
Pole, tension-mounted, one-sided, empty					
Free-standing and tension-mounted service pole, one-sided. Empty without outlets and cables. Including plastic front cover, ceiling fixing, ceiling frame, stop end, floor fixing, floor fixing plate (zinc), earthing terminals and mounting instruction. Adjustability of ceiling fixing 400 mm. Material: Aluminium, natural anodized or powder coated white RAL 9010, PC/ABS (front cover).					
Pole, one-sided	Anodized White	2700-3100/68/89	1	3606480214950 3606480214967	**INS40406** **INS40407**
Pole, one-sided	Anodized White	3100-3500/68/89	1	3606480542954 3606480542961	**INS41006** **INS41007**
Pole, one-sided	Anodized White	3500-3900/68/89	1	3606480542978 3606480542985	**INS41008** **INS41009**
Pole, tension-mounted, one sided, empty, for Australian market.					
Free-standing and tension-mounted service pole, one-sided. Empty without outlets and cables. Including plastic front cover, ceiling fixing, ceiling frame, stop end, floor fixing, floor fixing plate (zinc), earth clamps and mounting instruction. Adjustability of ceiling fixing 400 mm. Material: Aluminium, natural anodized, PC/ABS (front cover).					
Pole, one-sided	Anodized White	2700-3100/68/89	1	3606480701016	**INS43406**
Pole, tension-mounted, two-sided, empty					
Free-standing and tension-mounted service pole, two-sided. Empty without outlets and cables. Including plastic front cover, ceiling fixing, ceiling frame, stop end, floor fixing, floor fixing plate (zinc), two earthing terminals and mounting instruction. Adjustability of ceiling fixing 400 mm. Material: Aluminium, natural anodized or powder coated white RAL 9010, PC/ABS (front cover).					
Pole, two-sided	Anodized White	2700-3100/116/90	1	3606480214998 3606480215001	**INS40416** **INS40417**
Pole, two-sided	Anodized White	3100-3500/116/90	1	3606480543012 3606480543029	**INS41016** **INS41017**

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P135080

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OptiLine 50 Poles
Range

Empty poles, one and two-sided
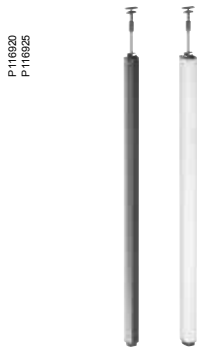
Pole, tension-mounted, two-sided, empty, for Australian market.

Free-standing and tension-mounted service pole, two-sided. Empty without outlets and cables. Including plastic front cover, ceiling fixing, ceiling frame, stop end, floor fixing, floor fixing plate (zinc), earth clamps and mounting instruction. Adjustability of ceiling fixing 400 mm.
Material: Aluminium, natural anodized, PC/ABS (front cover).

Pole, two-sided	Anodized	2700-3100/116/90	1	3606480701023	**INS43416**

Pole, free-standing, one-sided, empty

Free-standing and movable service pole, one-sided. Empty without outlets and cables. Including plastic front cover, flexible conduit with adaptor, earthing terminals and mounting instruction. Length of flexible conduit 2.0 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 RAL 9010, PC/ABS (front cover).

Pole, one-sided	Anodized	2150+2000/68/89	1	3606480214936	**INS40402**
	White			3606480214943	**INS40403**

Pole, free-standing, one-sided, empty, for Australian market.

Free-standing and movable service pole, one-sided. Empty without outlets and cables. Including plastic front cover, flexible conduit with adaptor, earth clamps and mounting instruction. Length of flexible conduit 2.0 m, action radius 1.5 m from the connection point in the ceiling. Foot to be ordered separately.
Material: Aluminium, natural anodized, PC/ABS (front cover).

Pole, one-sided	Anodized	2150+2000/68/89	1	3606480701009	**INS43402**

Pole, free-standing, two-sided, empty

Free-standing and movable service pole, two-sided. Empty without outlets and cables. Including plastic front cover, flexible conduit with adaptor, two earthing terminals and mounting instruction. Length of flexible conduit 2.0 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 RAL 9010, PC/ABS (front cover).

Pole, two-sided	Anodized	2150+2000/116/90	1	3606480214974	**INS40412**
	White			3606480214981	**INS40413**

Pole, free-standing, two-sided, empty, for Australian market.

Free-standing and movable service pole, two-sided. Empty without outlets and cables. Including plastic front cover, flexible conduit with adaptor, earth clamps and mounting instruction. Length of flexible conduit 2.0 m, action radius 1.5 m from the connection point in the ceiling. Foot to be ordered separately.
Material: Aluminium, natural anodized, PC/ABS (front cover).

Pole, two-sided	Anodized	2150+2000/116/90	1	3606480701030	**INS43412**

OptiLine 50 Poles
Range

Pre-wired poles with one, two and four boxes

Type	Colour	Dimensions^A A/B/C (mm)	Qty per package	EAN code	Ref. No.

Pole, tension-mounted, with one box, pre-defined/pre-wired

Service pole for tension mounting between floor and ceiling, provided with one installation box. Pre-wired, configured with 3 x double outlets, side-earthed, with cable, and 2 x Cat 6 UTP with cable. Including ceiling fixing, ceiling frame, stop end, floor fixing, floor fixing plate (zinc) and mounting instruction. Adjustability of ceiling fixing 400 mm. Earthed. External cables: one unshielded 3 x 1.5 mm^2 cable with side-earthed plug, 3.5 m free length, and two Cat 6 UTP data cables with RJ45 plugs, 7.5 m free length. Material: Aluminium, natural anodized or powder coated white RAL 9010.

Type	Colour	Dimensions	Qty	EAN code	Ref. No.
Pole with one box	Anodized White	2700-3100/85/73	1	3606485124155 3606485124162	**INS40424** **INS40425**
Pole with one box	Anodized White	3100-3500/85/73	1	3606480543036 3606480543043	**INS41024** **INS41025**

Pole, tension-mounted, with one box, pre-defined/pre-wired, DE

Service pole for tension mounting between floor and ceiling, provided with one installation box. Pre-wired, configured with 3 x double outlets, side-earthed, with cable, and 2 x Cat 6 STP with cable. Including ceiling fixing, ceiling frame, stop end, floor fixing, floor fixing plate (zinc) and mounting instruction. Adjustability of ceiling fixing 400 mm. Earthed. External cables: one unshielded 3 x 1.5 mm^2 cable with side-earthed plug, 3.5 m free length, and two Cat 6 STP data cables with RJ45 plugs, 7.5 m free length. Material: Aluminum, natural anodized or powder coated white RAL 9010.

Type	Colour	Dimensions	Qty	EAN code	Ref. No.
Pole with one box	Anodized White	2700-3100/85/73	1	3606480488450 3606480488467	**INS42424** **INS42425**

Pole, free-standing, with one box, pre-defined/pre-wired

Free-standing and movable service pole, provided with one installation box. Pre-wired, configured with 3 x double outlets, side-earthed, with cable, and 2 x Cat 6A S/FTP with cable. Including flexible conduit with adaptor 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 x1.5 mm^2 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. Material: Aluminium, natural anodized or powder coated white RAL 9010.

Type	Colour	Dimensions	Qty	EAN code	Ref. No.
Pole with one box	Anodized White	2150+2000/85/73	1	3606489487775 3606489487768	**INS40474** **INS40475**

Pole, tension-mounted, with two boxes, pre-defined/pre-wired

Service pole for tension mounting between floor and ceiling, provided with two installation boxes. Pre-wired, each box configured with 3 x double outlets, side-earthed, with cable, and 2 x Cat 6 UTP with cable. Including ceiling fixing, ceiling frame, stop end, floor fixing, floor fixing plate (zinc) and mounting instruction. Adjustability of ceiling fixing 400 mm. Earthed. External cables: one unshielded 3 x 1.5 mm^2 cable with side-earthed plug, 3.5 m free length, and four Cat 6 UTP data cables with RJ45 plugs, 7.5 m free length. Material: Aluminium, natural anodized or powder coated white RAL 9010.

Type	Colour	Dimensions	Qty	EAN code	Ref. No.
Pole with two boxes	Anodized White	2700-3100/104/140	1	3606485124193 3606485124209	**INS40434** **INS40435**
Pole with two boxes	Anodized White	3100-3500/104/140	1	3606480543074 3606480543081	**INS41034** **INS41035**

Pole, tension-mounted, with two boxes, pre-defined/pre-wired, DE

Service pole for tension mounting between floor and ceiling, provided with two installation boxes. Pre-wired, each box configured with 3 x double outlets, side-earthed, with cable, and 2 x Cat 6 STP with cable. Including ceiling fixing, ceiling frame, stop end, floor fixing, floor fixing plate (zinc) and mounting instruction. Adjustability of ceiling fixing 400 mm. Earthed. External cables: one unshielded 3 x 1.5 mm^2 cable with side-earthed plug, 3.5 m free length, and four Cat 6 STP data cables with RJ45 plugs, 7.5 m free length. Material: Aluminum, natural anodized or powder coated white RAL 9010.

Type	Colour	Dimensions	Qty	EAN code	Ref. No.
Pole with two boxes	Anodized White	2700-3100/104/140	1	3606480489570 3606480489587	**INS42434** **INS42435**

Pole, free-standing, with two boxes, pre-defined/pre-wired

Free-standing and movable service pole, provided with two installation boxes. Pre-wired, each box configured with 3 x double outlets, side-earthed, with cable, and 2 x Cat 6A S/FTP with cable. Including flexible conduit with adaptor 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 mm^2 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. Material: Aluminium, natural anodized or powder coated white RAL 9010.

Type	Colour	Dimensions	Qty	EAN code	Ref. No.
Pole with two boxes	Anodized White	2150+2000/104/140	1	3606489487782 3606489487799	**INS40476** **INS40477**

Version : 2.0   05/2019   ISC01421EN

OptiLine 50 Poles
Range

Pre-wired poles with one, two and four boxes

Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
Pole, tension-mounted, with four boxes, pre-defined/pre-wired					
Service pole for tension mounting between floor and ceiling, provided with four installation boxes. Pre-wired, each box configured with 3 x double outlets, side-earthed, with cable, and 2 x Cat 6 UTP with cable. Including ceiling fixing, ceiling frame, stop end, floor fixing, floor fixing plate (zinc) and mounting instruction. Adjustability of ceiling fixing 400 mm. Earthed. External cables: two unshielded 3 x 1.5 mm² cables with side-earthed plugs, 3.5 m free length, and eight Cat 6 UTP data cables with RJ45 plugs, 7.5 m free length. Material: Aluminium, natural anodized or powder coated white RAL 9010.					
Pole with four boxes	Anodized White	2700-3100/149/140	1	3606485124230 3606485124247	**INS40444** **INS40445**
Pole, tension-mounted, with four boxes, pre-defined/pre-wired, DE					
Service pole for tension mounting between floor and ceiling, provided with four installation boxes. Pre-wired, each box configured with 3 x double outlets, side-earthed, with cable, and 2 x Cat 6 STP with cable. Including ceiling fixing, ceiling frame, stop end, floor fixing, floor fixing plate (zinc) and mounting instruction. Adjustability of ceiling fixing 400 mm. Earthed. External cables: four unshielded 3 x 1.5 mm² cables with side-earthed plugs, 7.5 m free length, and eight Cat 6 STP data cables with RJ45 plugs, 7.5 m free length. Material: Aluminum, natural anodized or powder coated white RAL 9010.					
Pole with four boxes	Anodized White	2700-3100/149/140	1	3606480489617 3606480489624	**INS42444** **INS42445**
Pole, free-standing, with four boxes, pre-defined/pre-wired					
Free-standing and movable service pole, provided with four installation boxes. Pre-wired, each box configured with 3 x double outlets, side-earthed, with cable, and 2 x Cat 6A S/FTP with cable. Including flexible conduit with adaptor 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: two unshielded 3 x 1.5 mm² cables with side-earthed plugs, 2.0 m free length, and eight Cat 6A S/FTP data cables with RJ45 plugs, 6.0 m free length. Material: Aluminium, natural anodized or powder coated white RAL 9010.					
Pole with four boxes	Anodized White	2150+2000/149/140	1	3606489487805 3606489487812	**INS40478** **INS40479**
Pole, tension-mounted, with four boxes, pre-defined/pre-wired, CH					
Service pole for tension mounting between floor and ceiling, provided with four installation boxes. Pre-wired, each box configured with 3 x double outlets, Swiss standard, with two 1.5 mm² cables, and 2 x Cat 6 STP with cable. Including ceiling fixing, ceiling frame, stop end, floor fixing, floor fixing plate (zinc) and mounting instruction. Adjustability of ceiling fixing 400 mm. Earthed. Total free cable lengths of power and data cables: approx. 8 m. Material: Aluminum, natural anodized or powder coated white RAL 9010.					
Pole with four boxes with data cables	Anodized White	2700-3100/149/140	1	3606480445804 3606480445811	**INS41440** **INS41441**
Service pole for tension mounting between floor and ceiling, provided with four installation boxes. Pre-wired, each box configured with 3 x double outlets, Swiss standard, with cable, and 2 x AMP blind mounting plates. Including ceiling fixing, ceiling frame, stop end, floor fixing, floor fixing plate (zinc) and mounting instruction. Adjustability of ceiling fixing 400 mm. Earthed. Total free cable lengths of power cables: approx. 8 m. Material: Aluminum, natural anodized or powder coated white RAL 9010.					
Pole with four boxes without data cables	Anodized White	2700-3100/149/140	1	3606480445828 3606480445835	**INS41442** **INS41443**
Pole, free-standing, with one box, pre-defined/pre-wired					
Free-standing and movable service pole, provided with one installation box. Pre-wired, configured with 3 x double outlets, side-earthed, with cable, and 2 x Cat 6 UTP with cable. Including flexible conduit with adaptor 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. Material: Aluminium, natural anodized or powder coated white RAL 9010.					
Pole with one box	Anodized White	2150+2000/85/73	1	3606485124131 3606485124148	**INS40420** **INS40421**
Pole, free-standing, with one box, pre-defined/pre-wired, DE					
Free-standing and movable service pole, provided with one installation box. Pre-wired, configured with 3 x double outlets, side-earthed, with cable, and 2 x Cat 6 STP with cable. Including flexible conduit with adaptor 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, 6.0 m free length, and two Cat 6 STP data cables with RJ45 plugs, 6.0 m free length. Material: Aluminum, natural anodized or powder coated white RAL 9010.					
Pole with one box	Anodized White	2150+2000/85/73	1	3606480488320 3606480488337	**INS42420** **INS42421**

OptiLine 50 Poles
Range

Pre-wired poles with one, two and four boxes

Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
Pole, free-standing, with two boxes, pre-defined/pre-wired					
Free-standing and movable service pole, provided with two installation boxes. Pre-wired, each box configured with 3 x double outlets, side-earthed, with cable, and 2 x Cat 6 UTP with cable. Including flexible conduit with adaptor 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. Material: Aluminium, natural anodized or powder coated white RAL 9010.					
Pole with two boxes	Anodized White	2150+2000/104/140	1	3606485124179 3606485124186	**INS40430** **INS40431**
Pole, free-standing, with two boxes, pre-defined/pre-wired, DE					
Free-standing and movable service pole, provided with two installation boxes. Pre-wired, each box configured with 3 x double outlets, side-earthed, with cable, and 2 x Cat 6 STP with cable. Including flexible conduit with adaptor 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: two unshielded 3 x 1.5 mm² cables with side-earthed plugs, 6.0 m free length, and four Cat 6 STP data cables with RJ45 plugs, 6.0 m free length. Material: Aluminum, natural anodized or powder coated white RAL 9010.					
Pole with two boxes	Anodized White	2150+2000/104/140	1	3606480489556 3606480489563	**INS42430** **INS42431**
Pole, free-standing, with four boxes, pre-defined/pre-wired					
Free-standing and movable service pole, provided with four installation boxes. Pre-wired, each box configured with 3 x double outlets, side-earthed, with cable, and 2 x Cat 6 UTP with cable. Including flexible conduit with adaptor 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: two unshielded 3 x 1.5 mm² cables with side-earthed plugs, 2.0 m free length, and eight Cat 6 UTP data cables with RJ45 plugs, 6.0 m free length. Material: Aluminium, natural anodized or powder coated white RAL 9010.					
Pole with four boxes	Anodized White	2150+2000/149/140	1	3606485124216 3606485124223	**INS40440** **INS40441**
Pole, free-standing, with four boxes, pre-defined/pre-wired, DE					
Free-standing and movable service pole, provided with four installation boxes. Pre-wired, each box configured with 3 x double outlets, side-earthed, with cable, and 2 x Cat 6 STP with cable. Including flexible conduit with adaptor 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: four unshielded 3 x 1.5 mm² cables with side-earthed plugs, 6.0 m free length, and eight Cat 6 STP data cables with RJ45 plugs, 6.0 m free length. Material: Aluminum, natural anodized or powder coated white RAL 9010.					
Pole with four boxes	Anodized White	2150+2000/149/140	1	3606480489594 3606480489600	**INS42440** **INS42441**
Pole, customer specified/pre-wired					
Service pole according to special customer order. The pole is available with one, two or four installation boxes. Free-standing or tension-mounted, pre-wired. Can be specified in optional length, surface treatmenet and configuration. Implies a detailed specification. Including mounting instruction and electrical wiring diagram with dimensions. Earthed. Foot for free-standing pole to be ordered separately. Material: Aluminium.					
With 1 box, acc. to customer spec.	Optional	Optional/85/73	—	—	**GCR_CMS9316**
With 2 boxes, acc. to customer spec.	Optional	Optional/104/140	—	—	**GCR_CMS9319**
With 4 boxes, acc. to customer spec.	Optional	Optional/149/140	—	—	**GCR_CMS9320**

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Empty poles with one, two and four boxes

Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
Pole, tension-mounted, with one box, empty					
Service pole for tension mounting between floor and ceiling, provided with one installation box. Installation box height 558 mm. Empty without outlets and cables. Including plastic front cover, ceiling fixing, ceiling frame, stop end, floor fixing, floor fixing plate (zinc), four earthing terminals and mounting instruction. Adjustability of ceiling fixing 400 mm. Material: Aluminium, natural anodized or powder coated white RAL 9010.					
Pole with one box	Anodized White	2700-3100/85/73	1	3606480215032 3606480215049	**INS40426** **INS40427**
Pole with one box	Anodized White	3100-3500/85/73	1	3606480543050 3606480543067	**INS41026** **INS41027**
Pole, tension-mounted, with two boxes, empty					
Service pole for tension mounting between floor and ceiling, provided with two installation boxes. Installation box height 558 mm. Empty without outlets and cables. Including plastic front cover, ceiling fixing, ceiling frame, stop end, floor fixing, floor fixing plate (zinc), four earthing terminals and mounting instruction. Adjustability of ceiling fixing 400 mm. Material: Aluminium, natural anodized or powder coated white RAL 9010.					
Pole with two boxes	Anodized White	2700-3100/104/140	1	3606480215070 3606480215087	**INS40436** **INS40437**
Pole with two boxes	Anodized White	3100-3500/104/140	1	3606480543098 3606480543104	**INS41036** **INS41037**
Pole, tension-mounted, with four boxes, empty					
Service pole for tension mounting between floor and ceiling, provided with four installation boxes. Installation box height 558 mm. Empty without outlets and cables. Including plastic front cover, ceiling fixing, ceiling frame, stop end, floor fixing, floor fixing plate (zinc), four earthing terminals and mounting instruction. Adjustability of ceiling fixing 400 mm. Material: Aluminium, natural anodized or powder coated white RAL 9010.					
Pole with four boxes	Anodized White	2700-3100/149/140	1	3606480215117 3606480215124	**INS40446** **INS40447**
Pole with four boxes	Anodized White	3100-3500/149/140	1	3606480543111 3606480543128	**INS41046** **INS41047**
Pole, free-standing, with one box, empty					
Free-standing and movable service pole, provided with one installation box. Installation box height 558 mm. Empty without outlets and cables. Including plastic front cover, flexible conduit with adaptor, earthing terminal and mounting instruction. Length of flexible conduit 2.0 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 RAL 9010.					
Pole with one box	Anodized White	2150+2000/85/73	1	3606480215018 3606480215025	**INS40422** **INS40423**
Pole, free-standing, with two boxes, empty					
Free-standing and movable service pole, provided with two installation boxes. Installation box height 558 mm. Empty without outlets and cables. Including plastic front cover, flexible conduit with adaptor, earthing terminal and mounting instruction. Length of flexible conduit 2.0 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 RAL 9010.					
Pole with two boxes	Anodized White	2150+2000/104/140	1	3606480215056 3606480215063	**INS40432** **INS40433**
Pole, free-standing, with four boxes, empty					
Free-standing and movable service pole, provided with four installation boxes. Installation box height 558 mm. Empty without outlets and cables. Including plastic front cover, flexible conduit with adaptor, earthing terminal and mounting instruction. Length of flexible conduit 2.0 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 RAL 9010.					
Pole with four boxes	Anodized White	2150+2000/149/140	1	3606480215094 3606480215100	**INS40442** **INS40443**

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OptiLine 50 Poles
Range

Service poles, wall-mounted

Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
Empty service pole					
Empty service pole for wall-mounting. Including plastic front cover, two stop ends, earthing terminal and mounting instruction. The stop ends are provided with two break-out sections for OptiLine mini-trunking, 18 x 35 and 25 x 60 respectively. Wiring devices can be placed along the whole pole length. Supplied without wiring devices or cables. **NOTE!** Wall poles have a reduced installation depth and are not compatible with 3-phase distribution blocks, distribution block IDC, junction box and DIN enclosure. Material: Aluminium, natural anodized or powder coated white RAL 9010, PC/ABS (front cover).					
Pole, wall-mounted	Anodized White	2000/52/90	1	3606485124254 3606485124261	**INS40450** **INS40451**
Pole, wall-mounted	Anodized White	2700/52/90	1	3606480543135 3606480543142	**INS41050** **INS41051**
Empty service pole, flush mounted					
Empty service pole for flush wall-mounting. Including plastic front cover, earthing terminal and mounting instruction. Wiring devices can be placed along the whole pole length. Earthed, supplied without wiring devices or cables. Material: Aluminium, natural anodized or powder coated white RAL 9010, PC/ABS (front cover).					
Pole, flush wall-mounted	Anodized White	2008/60/80	1	3606485124278 3606485124285	**INS40460** **INS40461**
Pole, flush wall-mounted	Anodized White	2708/60/80	1	3606480543159 3606480543166	**INS41060** **INS41061**
Pole, customer specified/pre-wired					
Wall-mounted service pole according to special customer order. Pre-wired. Can be specified in optional length, surface treatment and configuration. NOTE! Cannot be equipped with 3-phase distribution blocks, distribution block IDC, junction box or DIN enclosure. Implies a detailed specification. Including mounting instruction and electrical wiring diagram with dimensions. Earthed. Material: Aluminium.					
Wall-mounted, acc. to customer spec.	Optional	Optional/52/90	—	—	**GCR_CMS9321**
Flush wall-mounted, acc. to customer spec.	Optional	Optional/60/80	—	—	**GCR_CMS9329**

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OptiLine 50 Poles
Range

Accessories for service poles

Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
Front covers					
Front cover to be snap-fitted in service poles with a 50 mm front opening. Aluminium covers provided with earthing slots. Supplied with protective foil, in lengths of 2.5 m. Material: Aluminium, natural anodized or powder coated white RAL 9010, or PC/ABS.					
Front cover F50 Aluminium	White	50/17/2500	25 m	3606485123974	**INS13900**
Front cover F50 Aluminium	Anodized	50/17/2500	25 m	3606485124025	**INS13950**
Front cover F50 PC/ABS	White	50/13/2500	30 m	3606485123431	**INS12900**
Front cover F50 PC/ABS	Dark grey	50/13/2500	30 m	3606485123448	**INS12901**
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**
Cable tray fixing					
Cable tray fixing including fixing material, intended to connect flexible conduit to cable tray. Gripping around cable tray. Material: Steel, powder coated white RAL 9010.					
Cable tray fixing	White	100/15/70	1	3606480030635	**ISM20813**
Cable tray fixing					
Cable tray fixing including fixing material, intended to connect a service pole to cable tray or cable ladder. Allows a flexible connection of the pole in various directions. Material: Steel, powder coated white RAL 9010.					
Cable tray fixing for Ø52 mm pole	White	75/56/85	1	3606480068638	**INS40800**
Cable tray fixing for Ø65 mm pole	White	75/70/95	1	3606480030215	**ISM20554**
Cable tray fixing to be clamped onto the edge of a cable tray or feeder trunking in the ceiling. Including screws. Can be mounted anywhere along the pole length. Maximum material thickness of tray/trunking at fixing point = 10 mm. Material: Aluminium, powder coated white RAL 9010.					
Cable tray fixing	White	75/50/120	1	3606480030642	**ISM20814**
Ceiling fixing					
Ceiling fixing intended to connect flexible conduit to ceiling or wall. Fixings not included. Material: Aluminium, powder coated white RAL 9010.					
Ceiling fixing	White RAL 9010	50/156/90	1	3606480030666	**ISM20816**

OptiLine 50 Poles
Range

Accessories for service poles

Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
Wall bracket					
Upper wall bracket for poles with one or two boxes. Screws for fixing the pole are included. Material: Steel, powder coated white RAL 9010 or grey.					
Upper wall bracket	White	38/51/57	1	3606481213846	**INS40480**
Upper wall bracket	Grey	38/51/57	1	3606481218957	**INS40483**
Wall bracket					
Upper wall bracket for one-sided poles. Screws for fixing the pole are included. Material: Steel, powder coated white RAL 9010 or grey					
Upper wall bracket for one-sided pole	White	38/42/94	1	3606481213853	**INS40481**
Upper wall bracket for one-sided pole	Grey	38/42/94	1	3606481218964	**INS40484**
Upper wall bracket for one-sided poles. The pole will be positioned 25 mm from the wall to avoid interference with false ceiling frames. Screws for fixing the pole are included. To be used together with lower wall bracket INS40486. Material: Steel, powder coated.					
Upper wall bracket for Optiline 45 and 50 poles	White	38/56/94	1	3606489938505	**INS40485**
Lower wall/floor bracket					
Lower wall/floor bracket for Optiline 50 poles. For one-sided poles and poles with one or two boxes. Material: Steel, powder coated grey.					
Lower wall/floor bracket	Grey	43/67/40	1	3606481213860	**INS40482**
Lower wall bracket for one-sided poles and poles with one or two boxes. The pole will be positioned 25 mm from the wall to avoid interference with false ceiling frames. To be used together with upper wall bracket INS40485. Material: Steel, powder coated.					
Lower wall bracket for Optiline 45 and 50 poles	Grey	43/80/40	1	3606489938512	**INS40486**
Busbar fixing					
Busbar fixing for Ø55 mm conduits, intended to connect flexible conduit to busbar trunking. Material: Steel, powder coated white RAL 9010.					
Busbar fixing	White	105/90/70	1	3606480030659	**ISM20815**
Floor fixing plate					
Fixing plate to fix tension-mounted poles to the floor by screws. Fixed to the pole by pegs. Material: Steel, electroplated.					
Floor fixing plate	—	13/49/60	1	3606480567438	**ISM20828**
Floor fixing with slot for floor feeder					
Floor fixing for one or two-sided service pole. Fixed to the floor by screws. With slot for connection of floor feeder 18 x 75 mm. Material: Aluminium, powder coated grey RAL 9007.					
For one-sided pole	Grey	38/125/102	1	3606480030703	**ISM20820**
For two-sided pole	Grey	38/125/156	1	3606480030710	**ISM20821**

OptiLine 50 Poles
Range

Accessories for service poles

	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 service pole provided with floor fixing with floor feeder slot. Material: PVC.					
	Floor feeder	Grey	18/75/2000	28 m	3606480030673	**ISM20817**
	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 service pole or post provided with a slotted floor fixing for 18 x 75 mm floor feeder. Material: Aluminium, natural anodized.					
	Floor feeder	Anodized	18/75/2000	8 m	3606480027536	**ISM20857**
Floor feeder jointing piece						
	Floor feeder jointing piece to cover joints between floor feeder sections. Material: PVC.					
	Jointing piece	Grey	20/50/78	10	3606480030680	**ISM20818**
Corner feeder piece						
	Corner feeder piece to be used in 90 degree corners between floor feeder sections. Material: PVC.					
	Corner feeder piece	Grey	20/120/120	10	3606480030697	**ISM20819**
Decorative stripe						
	Decorative stripe to be fitted in the slots along the sides of poles and posts. Supplied in lengths of 5 m. Material: Silicone rubber.					
	Decorative stripe	Grey	5000/Ø3.5	5 m	3606480030727	**ISM20822**
	Decorative stripe	Polar white	5000/Ø3.5	5 m	3606480682261	**ISM20823P**
	Decorative stripe	Orange	5000/Ø3.5	5 m	3606480030741	**ISM20824**
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 aluminium front cover to the base profile.					
	Earthing kit	Yellow/green	L = 200	10	3606480028519	**ISM10953**
			L = 300	10	3606480028526	**ISM10954**
Earth terminal						
	Earth terminal with OSI interface including two 25 cm cables with flat pin connectors for earth connection of base or cover. Material: PA6.					
	Earth terminal	—	20/40/20	10	3606485115214	**INS60040**

Side labels: P86523, P111399, P86521, P86522, P87191, P87192, P87193, P87196, P85796, P111190

OptiLine 50 Poles
Technical description

Technical and Material data

Aluminium, extruded	Specification	EN-AW-6063
	Surface treatment	Natural anodizing or powder coating
	Colour	White RAL 9010
Aluminium, die cast	Surface treatment	Powder coating
	Colour	• White RAL 9010 • Grey RAL 9007
Cast iron	Surface treatment	Coated with clear varnish
Zinc	Surface treatment	Untreated
PC/ABS (polycarbonate/ acrylonitrile butadiene styrene)	Fire rating	UL 94 HB
	Colour	• White RAL 9010 • Polar white RAL 9003 • Dark grey RAL 7043
PS (polystyrene)	Colour	• White RAL 9010 • Polar white RAL 9003
	Other info	Halogen-free
PVC (polyvinyl chloride)	Colour	Grey RAL 7030
Steel	Specification	SS 1142
	Surface treatment	Powder coating
	Colour	White RAL 9010
Silicone rubber	Colour	• Grey • Polar white • Orange
Degree of protection	IP30	
Temperature range	Operating temperature from -15°C to +60°C	
Standards and certificates	The products comply with the standards: • IEC 1084-2-4 clause 10.5.102 • EN 50085-1:2005 • EN 60598-2-2 clause 4.6.3	
	The products satisfy the provisions for CE marking according to the Low Volage Directive 73/23/EEC and 93/68/EEC.	

OptiLine 50 Poles
Technical description

Exploded view Floor feeder for 1- and 2-sided pole
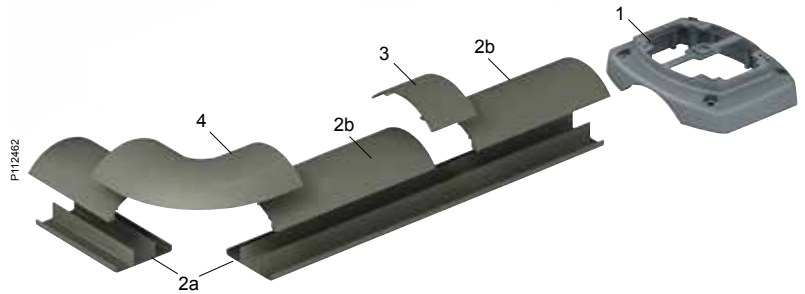
P112462

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

Design and dimensions

Tension-mounted poles		
A **Total height**		**B** **Height without ceiling fixing**
Min. 2700 mm Max. 3100 mm	Free height max. 4500 mm	2527 mm
Min. 3100 mm Max. 3500 mm		2927 mm
Min. 3500 mm Max. 3900 mm		3327 mm

Free-standing poles	
A **Total height of pole (without foot)**	**C** **Length of flex. conduit**
2150 mm	2000 mm
2450 mm	2000 mm
2900 mm	2000 mm

Tension-mounted poles with box(es)		
A **Total height**		**B** **Height without ceiling fixing**
Min. 2700 mm Max. 3100 mm	Box height 558 mm (C)	2510 mm
Min. 3100 mm Max. 3500 mm		2910 mm

Free-standing poles with box(es)		
A **Total height of pole (without foot)**		**B** **Length of flex. conduit**
2150 mm	Box height 558 mm (C)	2000 mm
2450 mm		2000 mm
2900 mm		2000 mm

P112455 — Tension-mounted poles, one-sided and two-sided

P112449 — Free-standing poles, one-sided and two-sided

P112456 — Tension-mounted poles with one, two and four boxes

P112450 — Free-standing poles with one, two and four boxes

OptiLine 50 Poles
Technical description
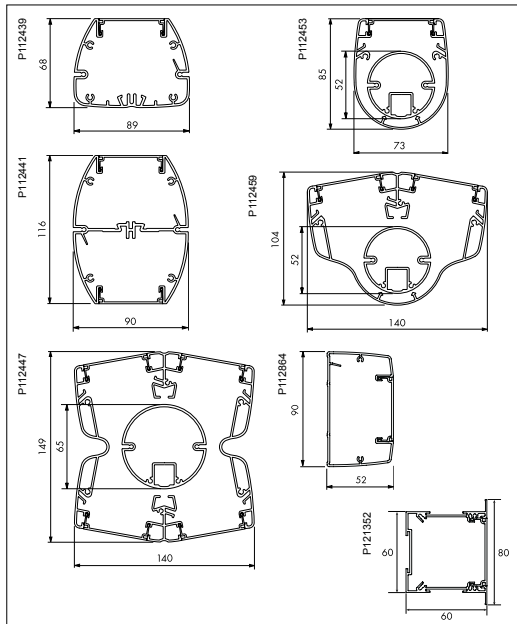
Cable capacity

Comp.	Max. Ømm	Cross section area mm²	Cable capacity*) mm² 40%	50%	60%
One-sided pole					
1	55	4572	1828	2285	2742
One-sided pole with guide profile					
2	30	4012	1604	2005	2406
One-sided pole with socket outlet					
3	21	2822	1129	1411	1693
Two-sided pole					
1	47	3952	1581	1976	2371
One-sided pole with guide profile					
2	32	3458	1383	1729	2075
3	48	4014	1606	2007	2408
Two-sided pole with socket outlets					
4	21	2278	911	1139	1367
Pole with one box					
1	59	4548	1819	2274	2729
Pole with one box and socket outlet					
2	36	2909	1164	1455	1745
Pole with two boxes					
1	59	8358	3343	4179	5015
Pole with two boxes and socket outlets					
2	54	5082	2033	2541	3049
Pole with four boxes					
1	75	13966	5586	6983	8379
Pole with four boxes and socket outlets					
2	65	7411	2964	3705	4446
Pole profiles					
For pole with one or two boxes					
1	30	1414	566	707	848
For pole with four boxes					
2	43	2535	1014	1267	1521
Wall pole					
1	45	3540	1416	1770	2124
Wall pole with socket outlet					
2	15	2260	904	1130	1356
Wall pole, flush					
1	48	2438	975	1919	1463
Wall pole with socket outlet					
2	14	1158	463	579	695

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

Outlet poles

OptiLine 50 outlet posts

Posts are a perfect alternative for poles when the power distribution comes from the floor. OptiLine 50 outlet posts have a smooth and compact design to harmonize with any interior setting. They are all pre-wired and intended for stationary installation. However, if you need a flexible solution, take a closer look at our innovative floor grommet for floor lead-through.

The two-sided outlet post can be supplied with a special floor fixing to suit our unique floor grommet. The result: a very flexible solution for flexible installation needs.
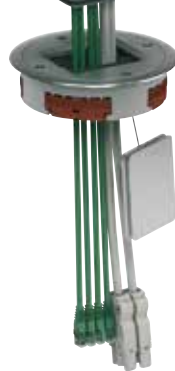
Floor grommet

The unique floor grommet does wonders for flexibility. Just remove the centre cover and connect a post. Relocation? Put the cover back and make a new hole for floor lead-through where required.

1-, 2- and 4-sided

The posts are available in white or natural anodized aluminium in one-, two- or four-sided versions. The standard height is approximately 600 mm, but the posts can be entirely customer specified in optional height, colour and configuration.

Flexible posts with the floor grommet

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.

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.

Stationary posts – 1-4 work-desks

Angled data outlets
The data outlets in our poles are angled to provide a perfect connection.

Stationary outlet posts
The outlet posts for stationary installation are one-, two- or four-sided, thus serving up to four work-desks. Pre-defined posts have reference numbers for simple ordering, but they can also be supplied entirely according to customer specification.

Distribution under or on the floor
The posts are supplied from under the floor, or alternatively on the floor by means of a feeder trunking of PVC or aluminium.

Gasket ring
The floor fixing has smooth edges and a gasket ring that keeps connections dry and levels irregularities of the floor.

OptiLine 50 Posts
Range

Pre-wired posts, one-sided

	Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
	One-sided post, pre-defined/pre-wired					
	One-sided service post mounted on a floor fixing. Pre-wired, configured with 3 x double outlets, side-earthed, with cable, and 2 x Cat 6 UTP with cable. Including stop end and mounting instruction. Gasket ring included for the floor fixing. 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. Material: Aluminum, natural anodized or powder coated white RAL 9010.					
P111188 P111189	One-sided post	Anodized White	602/102/125	1	3606485124292 3606485124308	**INS40500** **INS40501**
	One-sided post, pre-defined/pre-wired, DE					
	One-sided service post mounted on a floor fixing. Pre-wired, configured with 3 x double outlets, side-earthed, with cable, and 2 x Cat 6 STP with cable. Including stop end and mounting instruction. Gasket ring included for the floor fixing. Earthed. External cables: one unshielded 3 x 1.5 mm² cable with side-earthed plug, 9.0 m free length, and two Cat 6 STP data cables with RJ45 plugs, 9.0 m free length. Material: Aluminum, natural anodized or powder coated white RAL 9010.					
P111188 P111189	One-sided post	Anodized White	602/102/125	1	3606480489631 3606480489648	**INS42500** **INS42501**
	One-sided post, pre-defined/pre-wired, CH					
	One-sided service post mounted on a floor fixing. Pre-wired, configured with 3 x double outlets, Swiss standard, with 1.5 mm² cable, and 2 x Cat 6 STP with cable. Including stop end and mounting instruction. Gasket ring included for the floor fixing. Earthed. Total free cable lengths of power and data cables: approx. 9 m. Material: Aluminum, natural anodized or powder coated white RAL 9010.					
P125422 P125423	One-sided post with data cables	Anodized White	602/102/125	1	3606480445842 3606480445859	**INS41500** **INS41501**
	One-sided service post mounted on a floor fixing. Pre-wired, configured with 3 x double outlets, Swiss standard, with 1.5 mm² cable, and 2 x AMP blind mounting plate. Including stop end and mounting instruction. Gasket ring included for the floor fixing. Earthed. Total free cable lengths of power cables: approx. 9 m. Material: Aluminum, natural anodized or powder coated white RAL 9010.					
	One-sided post without data cables	Anodized White	602/102/125	1	3606480445866 3606480445873	**INS41502** **INS41503**

Pre-wired posts, two-sided

	Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
	Two-sided post, pre-defined/pre-wired					
	Two-sided service post mounted on a floor fixing. Pre-wired, each side configured with 3 x double outlets, side-earthed, with cable, and 2 x Cat 6 UTP with cable. Including stop end and mounting instruction. Gasket ring included for the floor fixing. Earthed. External cables: one unshielded 3 x 1.5 mm² cable with side-earthed plug, 2.5 m free length, and four Cat 6 UTP data cables with RJ45 plugs, 9.0 m free length. Material: Aluminum, natural anodized or powder coated white RAL 9010.					
P111395 P111396	Two-sided post	Anodized White	602/156/125	1	3606485124315 3606485124322	**INS40510** **INS40511**
	Two-sided post, pre-defined/pre-wired, DE					
	Two-sided service post mounted on a floor fixing. Pre-wired, each side configured with 3 x double outlets, side-earthed, with cable, and 2 x Cat 6 STP with cable. Including stop end and mounting instruction. Gasket ring included for the floor fixing. Earthed. External cables: two unshielded 3 x 1.5 mm² cables with side-earthed plugs, 9.0 m free length, and four Cat 6 STP data cables with RJ45 plugs, 9.0 m free length. Material: Aluminum, natural anodized or powder coated white RAL 9010.					
P111395 P111396	Two-sided post	Anodized White	602/156/125	1	3606480489655 3606480489662	**INS42510** **INS42511**
	Two-sided post, pre-defined/pre-wired, CH					
	Two-sided service post mounted on a floor fixing. Pre-wired, each side configured with 3 x double outlets, Swiss standard, with 1.5 mm² cable, and 2 x Cat 6 STP with cable. Including stop end and mounting instruction. Gasket ring included for the floor fixing. Earthed. Total free cable lengths of power and data cables: approx. 9 m. Material: Aluminum, natural anodized or powder coated white RAL 9010.					
P125424 P125425	Two-sided post with data cables	Anodized White	602/156/125	1	3606480445880 3606480445903	**INS41510** **INS41511**
	Two-sided service post mounted on a floor fixing. Pre-wired, each side configured with 3 x double outlets, Swiss standard, with 1.5 mm² cable, and 2 x AMP blind mounting plate. Including stop end and mounting instruction. Gasket ring included for the floor fixing. Earthed. Total free cable lengths of power cables: approx. 9 m. Material: Aluminum, natural anodized or powder coated white RAL 9010.					
	Two-sided post without data cables	Anodized White	602/156/125	1	3606480445910 3606480445927	**INS41512** **INS41513**

OptiLine 50 Posts
Range

Pre-wired posts, four-sided

Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
Four-sided post, pre-defined/pre-wired					
Four-sided service post mounted on a floor fixing. Pre-wired, each side configured with 3 x double outlets, side-earthed, with cable, and 2 x Cat 6 UTP with cable. Including stop end and mounting instruction. Gasket ring included for the floor fixing. Earthed. External cables: two unshielded 3 x 1.5 mm² cables with side-earthed plugs, 2.5 m free length, and eight Cat 6 UTP data cables with RJ45 plugs, 9.0 m free length. Material: Aluminum, natural anodized or powder coated white RAL 9010.					
Four-sided post	Anodized White	592/200/180	1	3606485124339 3606485124346	**INS40520** **INS40521**
Four-sided post, pre-defined/pre-wired, DE					
Four-sided service post mounted on a floor fixing. Pre-wired, each side configured with 3 x double outlets, side-earthed, with cable, and 2 x Cat 6 STP with cable. Including stop end and mounting instruction. Gasket ring included for the floor fixing. Earthed. External cables: four unshielded 3 x 1.5 mm² cables with side-earthed plugs, 9.0 m free length, and eight Cat 6 STP data cables with RJ45 plugs, 9.0 m free length. Material: Aluminum, natural anodized or powder coated white RAL 9010.					
Four-sided post	Anodized White	592/200/180	1	3606480489686 3606480489693	**INS42520** **INS42521**
Four-sided post, pre-defined/pre-wired, CH					
Four-sided service post mounted on a floor fixing. Pre-wired, each side configured with 3 x double outlets, Swiss standard, with two 1.5 mm² cables, and 2 x Cat 6 STP with cable. Including stop end and mounting instruction. Gasket ring included for the floor fixing. Earthed. Total free cable lengths of power and data cables: approx. 9 m. Material: Aluminum, natural anodized or powder coated white RAL 9010.					
Four-sided post with data cables	Anodized White	592/200/180	1	3606480445934 3606480445941	**INS41520** **INS41521**
Four-sided service post mounted on a floor fixing. Pre-wired, each side configured with 3 x double outlets, Swiss standard, with two 1.5 mm² cables, and 2 x AMP blind mounting plate. Including stop end and mounting instruction. Gasket ring included for the floor fixing. Earthed. Total free cable lengths of power cables: approx. 9 m. Material: Aluminum, natural anodized or powder coated white RAL 9010.					
Four-sided post without data cables	Anodized White	592/200/180	1	3606480445958 3606480445965	**INS41522** **INS41523**
Two-sided post for floor grommet, pre-defined/pre-wired, CH					
Two-sided service post for mounting on the floor grommet (INS40550). Pre-wired, each side configured with 3 x double outlets, Swiss standard, with 1.5 mm² cable, and 2 x Cat 6 STP with cable. Including stop end and mounting instructions. Earthed. Total length of power and data cables: approx. 9 m. Material: Aluminum, natural anodized or powder coated white RAL 9010, PC/ABS (front cover).					
Two-sided post with data cables	Anodized White	494/156/125	1	3606480446092 3606480446108	**INS41530** **INS41531**
Two-sided service post for mounting on the floor grommet (INS40550). Pre-wired, each side configured with 3 x double outlets, Swiss standard, with 1.5 mm² cable, and 2 x AMP blind mounting plate. Including stop end and mounting instructions. Earthed. Total length of power cables: approx. 9 m. Material: Aluminum, natural anodized or powder coated white RAL 9010, PC/ABS (front cover).					
Two-sided post without data cables	Anodized White	494/156/125	1	3606480446122 3606480446139	**INS41532** **INS41533**
Post, customer specified/pre-wired					
Service post according to special customer order. Pre-wired. The post is available one-, two- or four-sided. Can be specified in optional length, surface treatment and configuration. Implies a detailed specification. Including mounting instruction, floor fixing with gasket ring and electrical wiring diagram with dimensions. Earthed. An option of the two-sided post is also available for mounting in a floor grommet. Material: Aluminium.					
One-sided, acc. to customer spec.	Optional	Optional/102/125	—	—	**GCR_CMS9342**
Two-sided, acc. to customer spec.	Optional	Optional/156/125	—	—	**GCR_CMS9343**
Four-sided, acc. to customer spec.	Optional	Optional/200/180	—	—	**GCR_CMS9344**

OptiLine 50 Posts
Range

Empty posts

	Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
	One-sided post, empty					
	One-sided service post mounted on a floor fixing. Empty without outlets and cables. Including plastic front cover, stop end, earthing terminal and mounting instruction. Gasket ring included for the floor fixing. Material: Aluminum, natural anodized or powder coated white RAL 9010.					
	One-sided post	Anodized White	602/102/125	1	3606480215131 3606480215148	**INS40502** **INS40503**
	One-sided post, empty, for Australian market.					
	One-sided service post mounted on a floor fixing. Empty without outlets and cables. Including plastic front cover, stop end, earth clamps and mounting instruction. Gasket ring included for the floor fixing. Material: Aluminum, natural anodized or powder coated white RAL 9010, PC/ABS (front cover).					
	One-sided post	Anodized White	602/102/125	1	3606480701047 3606480701054	**INS43502** **INS43503**
	Two-sided post, empty					
	Two-sided service post mounted on a floor fixing. Empty without outlets and cables. Including plastic front cover, stop end, earthing terminal and mounting instruction. Gasket ring included for the floor fixing. Material: Aluminum, natural anodized or powder coated white RAL 9010.					
	Two-sided post	Anodized White	602/156/125	1	3606480215155 3606480215162	**INS40512** **INS40513**
	Two-sided post, empty, for Australian market.					
	Two-sided service post mounted on a floor fixing. Empty without outlets and cables. Including plastic front cover, stop end, earth clamps and mounting instruction. Gasket ring included for the floor fixing. Material: Aluminum, natural anodized or powder coated white RAL 9010, PC/ABS (front cover).					
	Two-sided post	Anodized White	602/156/125	1	3606480701061 3606480701078	**INS43512** **INS43513**
	Four-sided post, empty					
	Four-sided service post mounted on a floor fixing. Empty without outlets and cables. Including plastic front cover, stop end, earthing terminal and mounting instruction. Gasket ring included for the floor fixing. Material: Aluminum, natural anodized or powder coated white RAL 9010.					
	Four-sided post	Anodized White	592/200/180	1	3606480215179 3606480215186	**INS40522** **INS40523**
	Four-sided post, empty, for Australian market.					
	Four-sided service post mounted on a floor fixing. Empty without outlets and cables. Including plastic front cover, stop end, earth clamps and mounting instruction. Gasket ring included for the floor fixing. Material: Aluminum, natural anodized or powder coated white RAL 9010, PC/ABS (front cover).					
	Four-sided post	Anodized White	592/200/180	1	3606480701085 3606480701092	**INS43522** **INS43523**

P116938
P116939

P116940
P116941
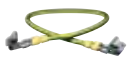
P116944
P116945

Accessories for service posts

		Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
		Front covers					
		Front cover to be snap-fitted in service posts with a 50 mm front opening. Aluminium covers provided with earthing slots. Supplied with protective foil, in lengths of 2.5 m. Material: Aluminium, natural anodized or powder coated white RAL 9010, or PC/ABS.					
P103977		Front cover F50 Aluminium	White	50/17/2500	25 m	3606485123974	**INS13900**
P106222		Front cover F50 Aluminium	Anodized	50/17/2500	25 m	3606485124025	**INS13950**
P103977		Front cover F50 PC/ABS	White	50/13/2500	30 m	3606485123431	**INS12900**
P106223		Front cover F50 PC/ABS	Dark grey	50/13/2500	30 m	3606485123448	**INS12901**
		Floor fixing with slot for floor feeder					
		Floor fixing for one or two-sided sided service post. Fixed to the floor by screws. With slot for connection of floor feeder 18 x 75 mm. Material: Aluminium, powder coated frey RAL 9007.					
P87188		For one-sided post	Grey	38/125/102	1	3606480030703	**ISM20820**
P87189		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 service post provided with a slotted floor fixing for 18 x 75 mm floor feeder. Material: PVC.					
P86523		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 service pole or post provided with a slotted floor fixing for 18 x 75 mm floor feeder. Material: Aluminium, natural anodized.					
P111399		Floor feeder	Anodized	18/75/2000	10 m	3606480027536	**ISM20857**
		Floor feeder jointing piece					
		Floor feeder jointing piece to cover joints between floor feeder sections. Material: PVC.					
P86521		Jointing piece	Grey	20/50/78	10	3606480030680	**ISM20818**
		Corner feeder piece					
		Corner feeder piece to be used in 90 degree corners between floor feeder sections. Material: PVC.					
P86522		Corner feeder piece	Grey	20/120/120	10	3606480030697	**ISM20819**
		Decorative stripe					
		Decorative stripe to be fitted in the slots along the sides of poles and posts. Supplied in lengths of 5 m. Material: Silicone rubber.					
P87191		Decorative stripe	Grey	5000/Ø3.5	5 m	3606480030727	**ISM20822**
P87192		Decorative stripe	Polar white	5000/Ø3.5	5 m	3606480682261	**ISM20823P**
P87193		Decorative stripe	Orange	5000/Ø3.5	5 m	3606480030741	**ISM20824**
		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**

Accessories for service posts

Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
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**
Earth terminal					
Earth terminal with OSI interface including two 25 cm cables with flat pin connectors for earth connection. Material: PA6.					
Earth terminal	—	20/40/20	10	3606485115214	**INS60040**
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**

P85796

P111190

P103324

OptiLine 50 Posts
Range

P112682

Technical and Material data

Aluminium, extruded	Specification	EN-AW-6063
	Surface treatment	Natural anodzing or powder coating
	Colour	White RAL 9010
Aluminium, die cast	Surface treatment	Powder coating
	Colour	Grey RAL 9007
PVC (polyvinyl chloride)	Colour	Grey RAL 7030
PC/ABS (polycarbonate/ acrylonitrile butadiene styrene)	Fire rating	UL 94 HB
	Colour	• White RAL 9010 • Dark grey RAL 7043
Steel	Specification	SS 1142
Silicone rubber	Colour	• Grey • Polar white • Orange
Degree of protection	IP30	
Temperature range	Operating temperature from -15°C to +60°C	
Standards and certificates	The products comply with the standard: EN 50085-1 : 2005	
	The products satisfy the provisions for CE marking according to the Low Voltage Directive 73/23/EEC and 93/68/EEC.	

OptiLine 50 Posts
Technical description

Exploded view floor feeder (for 1- and 2-sided post)
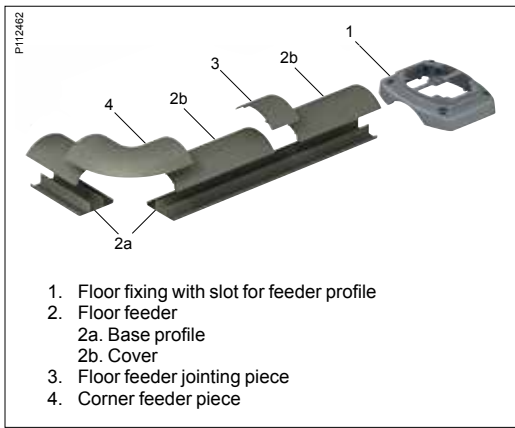
1. Floor fixing with slot for feeder profile
2. Floor feeder
   2a. Base profile
   2b. Cover
3. Floor feeder jointing piece
4. Corner feeder piece

Construction of 2-sided post with floor grommet

1. Post
2. Floor grommet
3. Central cover piece

The two-sided post is also available for mounting in a floor grommet (only customer specified).

Cable capacity

Comp.	Max. Ømm	Cross section area mm²	Cable capacity*) mm² 40%	50%	60%
One-sided post					
1	55	4572	1828	2285	2742
One-sided post with socket outlets					
2	21	2822	1129	1411	1693
Two-sided post					
1	47	3952	1581	1976	2371
Two-sided post with socket outlets					
2	21	2278	911	1139	1367
Four-sided post					
1	75	13966	5586	6983	8379
Four-sided post with socket outlets					
2	65	7411	2964	3705	4446

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

Design and dimensions

One- and two-sided posts		
A Total height, mm	**B** Base profile, mm	
Min. 602 (standard) Max. 702	558 658	
Two-sided post with floor grommet		
A Total height, mm	**B** Base profile, mm	
Max. 602	Max. 558	
Four-sided posts		
A Total height, mm	**B** Base profile, mm	
Min. 592 (standard) Max. 692	558	

One-sided

Two-sided

Four-sided with floor fixing

Floor fixing for one-sided

Floor fixing for two-sided
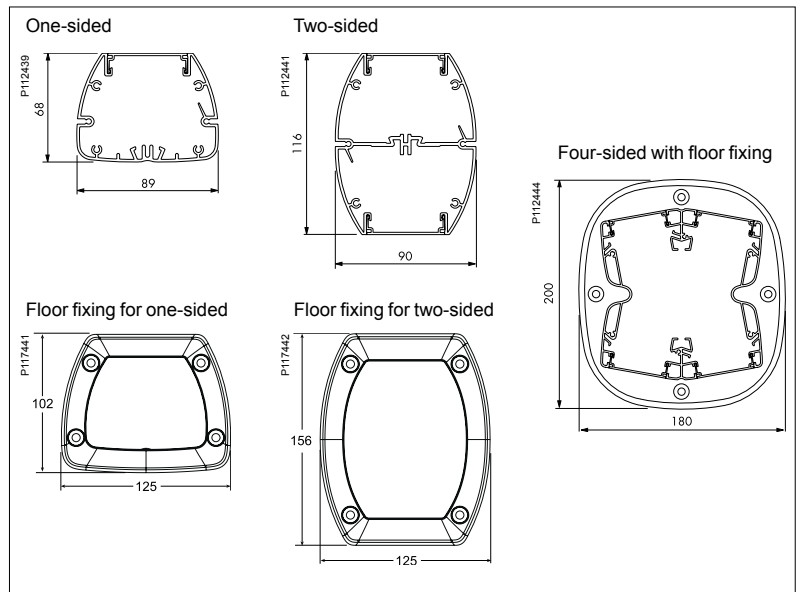
OptiLine 50 furniture boxes

OptiLine 50 furniture boxes lend a touch of modern exclusivity to your workplace. Our new flip-up, pop-up and other furniture integrated solutions provide elegant access to power and networks everywhere. Thus, the feeling that your premises are adapted to their purpose is accomplished all the way out to the outlets!

All boxes are supplied pre-wired. Most of them are also available pre-defined or in entirely customized versions.

OptiLine 50 furniture boxes

Flip-up and Pop-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.

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.
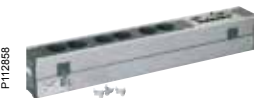
Flush-mounted

Flush-mounted boxes
Boxes with a flange to hide the edges of the hole in the desk. With Wieland installation couplers for safe and quick power connection. Suitable for all desk-tops up to 24 mm.

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. All with Wieland installation couplers for safe and quick power connection.

Turnable

Turnable boxes
Boxes with exclusive finish, made to suit settings with high design requirements. Can be turned around their own axis, to efficiently serve two sides of the desk.
With chromium-plated feet to enhance the exclusive feeling.

Version : 2.0   05/2019   ISC01421EN

Basic desk units

	Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
	Basic desk unit, pre-defined/pre-wired					
	One-sided basic desk unit configured with double power outlets, side-earthed, and various data outlets, see below. To be mounted on desk, cable tray or wall by means of dedicated fixings (to be ordered separately). Power cable to be ordered separately (Wieland connection). Earthed. Material: Aluminium, natural anodized.					
	2 x double power outlets, 2 x RJ45 blind data outlets	Anodized	60/62/335	1	3606485124353	**INS40600**
	2 x double power outlets, 2 x Cat 6 UTP data outlets with 10 m cable	Anodized	60/62/335	1	3606485124360	**INS40602**
	2 x double power outlets, 2 x RJ45 blind + USB 4+1	Anodized	60/82/410	1	3606485124377	**INS40610**
	Basic desk unit, pre-defined/pre-wired, DK					
	One-sided basic desk unit configured with two double power outlets, Danish standard, and various data outlets, see below. To be mounted on desk, cable tray or wall by means of dedicated fixings (to be ordered separately). Including power cable, length 6 m. Earthed. Material: Aluminium, natural anodized.					
	2 x RJ45 blind data outlets	Anodized	60/62/330	1	3606480215193	**INS40601**
	2 x RJ45 Cat5e UTP with 6 m cable	Anodized	60/62/330	1	3606480215209	**INS40603**
	Basic desk unit, pre-defined/pre-wired, DE					
	One-sided basic desk unit configured with double power outlets, side-earthed, and various data outlets, see below. To be mounted on desk, cable tray or wall by means of dedicated fixings (to be ordered separately). Power cable to be ordered separately (Wieland connection). Earthed. Material: Aluminum, natural anodized.					
	2 x double power outlets, 2 x RJ45 blind data outlets	Anodized	60/62/335	1	3606480489716	**INS42600**
	2 x double power outlets, 2 x RJ45 blind + USB 4+1	Anodized	60/82/460	1	3606480489723	**INS42610**
	Basic desk unit, pre-defined/pre-wired, for Australian market					
	One-sided basic desk unit configured with 2 x double power outlets, Australian standard, Wieland termination and 2 x 30 Mech/Keystone data outlet. To be mounted on desk, cable tray or wall by means of dedicated fixings (to be ordered separately). Power cable to be ordered separately. Earthed. Material: Aluminum, natural anodized.					
	2 x double power outlets AU, 2 x 30 Mech/Keystone data	Anodized	60/62/412	1	3606480701108	**INS43600**
	Basic desk unit, pre-defined/pre-wired, CH					
	One-sided basic desk unit configured with double power outlets, Swiss standard, and various data outlets, see below. To be mounted on desk, cable tray or wall by means of dedicated fixings (to be ordered separately). Including 1.5 mm² power cable, length 5 m. Earthed. Material: Aluminium, natural anodized.					
	2 x double power outlets, 2 x Cat 6 STP data outlets with 10 m cable	Anodized	60/62/330	1	3606480445972	**INS41600**

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Basic desk units

Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
Basic desk unit, customer specified/pre-wired					
One-sided basic desk unit according to special customer order. Pre-wired. Can be specified in optional length and configuration. Implies a detailed specification. Including mounting instruction and electrical wiring diagram with dimensions. Earthed. Material: Aluminium, natural anodized.					
Acc. to customer spec.	Anodized	60/62/Optional	—	—	**GCR_CMS9460**
One-sided basic desk unit according to special customer order. Pre-wired. Intended for electronic devices and combinations of LAN-switch, AV-switch and USB-hub. Can be specified in optional length and configuration. Implies a detailed specification. Including mounting instruction and electrical wiring diagram with dimensions. Earthed. Material: Aluminium, natural anodized.					
Acc. to customer spec.	Anodized	60/82/Optional	—	—	**GCR_CMS9461**
Fixing for Basic box					
Wall fixing, to be screw-fitted to the wall. The box is pushed in place on the fixing, can be mounted in three different positions. Also suitable for connection of two boxes. Material: Steel, zinc plated.					
Wall fixing	—	5/30/195	1	3606480068430	**INS40700**

Flush mounted desk units

Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
Flush-mounted desk unit with flange, pre-defined/pre-wired					
Flush-mounted desk unit with a flange. Configured with double power outlets, side-earthed, and various data outlets, see below. To be mounted in a desk-top. Fixing elements included. Power cable to be ordered separately (Wieland connection). Earthed. Thickness of desk-top: max. 24 mm, hole dimensions: 60 x 415 and 60 x 515 mm respectively. Material: Aluminium, natural anodized.					
2 x double power outlets, 2 x RJ45 blind + USB 4+1	Anodized	82/78/418	1	3606485124407	**INS40620**
Flush-mounted desk unit with flange, pre-defined/pre-wired, DE					
Flush-mounted desk unit with a flange. Configured with double power outlets, side-earthed, and 2 x AMP blind data outlets + USB 4 + 1. To be mounted in a desk-top. Fixing elements included. Power cable to be ordered separately (Wieland connection). Earthed. Thickness of desk-top: max. 24 mm, hole dimension: 60 x 465 mm. Material: Aluminum, natural anodized.					
3 x double power outlets, 2 x RJ45 blind + USB 4+1	Anodized	82/78/468	1	3606480489853	**INS42620**
Flush-mounted desk unit with flange, pre-defined/pre-wired, for Australian market					
Flush-mounted desk unit with a flange configured with 2 x double power outlets, Australian standard, Wieland termination and 2 x 30 Mech/Keystone data outlet. To be mounted in a desk-top. Fixing elements included. Power cable to be ordered separately. Earthed. Material: Aluminum, natural anodized.					
2 x double power outlets AU, 2 x Mech/Keystone data	Anodized	60/62/417	1	3606480701122	**INS43620**
Flush-mounted desk unit with flange, customer specified/pre-wired					
Flush-mounted desk unit with flange, according to special customer order. Pre-wired. Intended for electronic devices and combinations of AV-switch and USB-hub. Can be specified in optional length and configuration. Implies a detailed specification. Including mounting instruction, fixing elements and electrical wiring diagram with dimensions. Earthed. Material: Aluminium, natural anodized.					
Acc. to customer spec.	Anodized	82/78/Optional	—	—	**GCR_CMS9462**

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Flush mounted desk units

	Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
	Flush-mounted desk unit with flip lid, pre-defined/pre-wired					
	Flush-mounted desk unit provided with a flip lid. Configured with 2 x double power outlets, side-earthed, and various data outlets, see below. To be mounted in a desk-top. Fixing elements included. Earthed. Power cable to be ordered separately (Wieland connection). Thickness of desk-top: 10–40 mm, hole dimension: 142 x 295 mm. Material: Aluminium, natural anodized, and steel, powder coated grey RAL 9006.					
	2 x RJ45 blind	Grey	105/160/305	1	3606485124438	**INS40626**
	2 x Cat 6 UTP data outlets with 10 m cable	Grey	105/160/305	1	3606485124445	**INS40628**
	Flush-mounted desk unit with flip lid, pre-defined/pre-wired, DK					
	Flush-mounted desk unit provided with a flip lid. Configured with 2 x double power outlets, Danish standard, and various data outlets, see below. To be mounted in a desk-top. Fixing elements included. Earthed. Including power cable, length 6 m. Thickness of desk-top: 10–40 mm, hole dimension: 142 x 295 mm. Material: Aluminium, natural anodized, and steel, powder coated grey RAL 9006.					
	2 x RJ45 blind	Grey	105/160/305	1	3606480215216	**INS40627**
	2 x RJ45 Cat5e UTP with 6 m cable	Grey	105/160/305	1	3606480215223	**INS40629**
	Flush-mounted desk unit with flip lid, pre-defined/pre-wired, DE					
	Flush-mounted desk unit provided with a flip lid. Configured with 2 x double power outlets, side-earthed, and 2 x AMP blind data outlet. To be mounted in a desk-top. Fixing elements included. Earthed. Power cable to be ordered separately (Wieland connection). Thickness of desk-top: 10–40 mm, hole dimension: 142 x 295 mm. Material: Aluminum, natural anodized, and steel, powder coated grey RAL 9006.					
	2 x RJ45 blind	Anodized	105/160/305	1	3606480489860	**INS42626**
	Flush-mounted desk unit with flip lid, pre-defined/pre-wired, for Australian market					
	Flush-mounted desk unit provided with a flip lid. Configured with 1 x double power outlet, Australian standard, Wieland termination and 2 x 30 Mech/Keystone data outlet. To be mounted in a desk-top. Fixing elements included. Earthed. Thickness of desk-top: 10–40 mm, hole dimension: 142 x 295 mm. **Please note! Degree of protection on this article IP20.** Material: Aluminum, natural anodized, and steel, powder coated grey RAL 9006.					
	1 x double power outlet AU, 2 x 30 Mech/Keystone data	Anodized	105/160/305	1	3606480701139	**INS43626**
	Flush-mounted desk unit with flip lid, pre-defined/pre-wired, CH					
	Flush-mounted desk unit provided with a flip lid. Configured with 2 x double power outlets, Swiss standard, and 2 x Cat 6 STP data outlets with 10 m cables. To be mounted in a desk-top. Fixing elements included. Earthed. Including power cable, length 5 m. Thickness of desk-top: 10–40 mm, hole dimension: 142 x 295 mm. Material: Aluminum, natural anodized, and steel, powder coated grey RAL 9006.					
	2 x Cat 6 STP with 10 m cables	Grey	105/160/305	1	3606480446030	**INS41620**
	Flush-mounted desk unit with flip lid, customer specified/pre-wired					
	Flush-mounted desk unit with flip lid, according to special customer order. Can be configured according to customer specification. Implies a detailed specification. Including mounting instruction, fixing elements and electrical wiring diagram with dimensions. Earthed. Material: Aluminium, natural anodized, and steel, powder coated grey RAL 9006.					
	Acc. to customer spec.	Grey	105/160/305	—	—	**GCR_CMS9463**
	Cable basket for desk unit with flip lid					
	Basket for cables, to be mounted under the frame of the flip-lid box, for instance under a desk. Material: Steel, polyester/PVC cloth.					
	Cable basket	White	170/150/265	1	3606480068461	**INS40703**

P112320
P116912
P112320
P149817
P126261
P112321

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Range

Turnable desk unit

	Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
	Turnable desk unit, pre-defined/pre-wired					
	One-sided turnable desk unit. Standing on two feet, can be turned around its own axis to the desired position. Configured with 4 x double power outlets, side-earthed, with cable, and various data outlets, see below. Earthed. Total lengths of power and data cables 6 m. Material: Aluminum, natural anodized.					
P111411	2 x Cat 6 UTP data outlets with cable	Anodized	92/130/618	1	3606485124483	**INS40650**
	Turnable desk unit, pre-defined/pre-wired, DK					
	One-sided turnable desk unit. Standing on two feet, can be turned around its own axis to the desired position. Configured with 4 x double power outlets, Danish standard, with cable, and various data outlets, see below. Earthed. Total lengths of power and data cables 6 m. Material: Aluminum, natural anodized.					
P116915	2 x RJ45 Cat5e UTP with cable	Anodized	92/130/658	1	3606480215261	**INS40655**
	Turnable desk unit, pre-defined/pre-wired, DE					
	One-sided turnable desk unit. Standing on two feet, can be turned around its own axis to the desired position. Configured with 4 x double power outlets, side-earthed, with 1.5 mm^2 cable, and 2 x Cat 6 data outlets with cables. Earthed. Total lengths of power and data cables 6 m. Material: Aluminum, natural anodized.					
P111411	2 x Cat 6 STP with 10 m cables	Anodized	92/130/618	1	3606480490026	**INS42650**

Pop-up desk units

	Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
	Manual pop-up desk unit, pre-defined/pre-wired					
P111402	Pop-up function desk unit, one-sided, manual. Configured with 1 x double power outlet, side-earthed, with 6 m 1.5 mm^2 power cable and various data outlets, see below. When inactive, the box lies flush with the desk-top. By a light pressure on the top, the box can be lifted up from the desk surface. As soon as the box is not in use, it is easily pressed back to the flush level. 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 pass, see right-hand figure. Earthed. Hole dimension: Ø100 mm. Material: Aluminium, natural anodized, and powder coated zinc and aluminium.					
	2 x RJ45 blind data outlets	Anodized	267/Ø112	1	3606485124452	**INS40630**
	2 x Cat 6 UTP with 10 m data cable	Anodized	267/Ø112	1	3606485124469	**INS40632**
	Manual pop-up desk unit, pre-defined/pre-wired, DK					
P116913	Pop-up function desk unit, one-sided, manual. Configured with 1 x double power outlet, Danish standard, with 6 m 1.5 mm^2 power cable and various data outlets, see below. When inactive, the box lies flush with the desk-top. By a light pressure on the top, the box can be lifted up from the desk surface. As soon as the box is not in use, it is easily pressed back to the flush level. 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 pass, see right-hand figure. Earthed. Hole dimension: Ø100 mm. Material: Aluminium, natural anodized, and powder coated zinc and aluminium.					
	2 x RJ45 blind data outlets	Anodized	277/Ø112	1	3606480215230	**INS40631**
	2 x RJ45 Cat5e UTP with 6 m cable	Anodized	277/Ø112	1	3606480215247	**INS40633**
	Manual pop-up desk unit, pre-defined/pre-wired, DE					
P111402	Pop-up function desk unit, one-sided, manual. Configured with 1 x double power outlet, side-earthed, with 6 m 1.5 mm^2 power cable and 2 x AMP blind data outlet. When inactive, the box lies flush with the desk-top. By a light pressure on the top, the box can be lifted up from the desk surface. As soon as the box is not in use, it is easily pressed back to the flush level. 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 pass, see right-hand figure. Earthed. Hole dimension: Ø100 mm. Material: Aluminum, natural anodized, and powder coated zinc and aluminum.					
	2 x RJ45 blind data outlets	Anodized	277/Ø112	1	3606480490019	**INS42630**
	Manual pop-up desk unit, pre-defined/pre-wired, for Australian market					
P148818	Pop-up function desk unit, one-sided, manual. Configured with 1 x double power outlet, Australian standard, with 3 m 1.5 mm^2 external cable without plug and 2 x 30 Mech/Keystone data outlet. When inactive, the box lies flush with the desk-top. By a light pressure on the top, the box can be lifted up from the desk surface. As soon as the box is not in use, it is easily pressed back to the flush level. Earthed. Hole dimension: Ø100 mm. Material: Aluminum, natural anodized, and powder coated zinc and aluminum.					
	1 x double power outlet AU, 2 x 30 Mech/Keystone data 3 m cable	Anodized	319/Ø112	1	3606480701146	**INS43630**

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Pop-up desk units

Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.

Manual pop-up desk unit, pre-defined/pre-wired, CH

Pop-up function desk unit, one-sided, manual. Configured with double power outlet(s), Swiss standard, with 5 m 1.5 mm² power cable and various data outlets, see below. When inactive, the box lies flush with the desk-top. By a light pressure on the top, the box can be lifted up from the desk surface. As soon as the box is not in use, it is easily pressed back to the flush level. Earthed. Hole dimension: Ø100 mm.
Material: Aluminum, natural anodized, and powder coated zinc and aluminum.

Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
1 x double power outlet, 2 x Cat 6 STP data outlets with 10 m cables	Anodized	267/Ø112	1	3606480446047	**INS41630**
2 x double power outlets	Anodized	267/Ø112	1	3606480446085	**INS41631**

Manual pop-up desk unit, customer specified/pre-wired

Pop-up function desk unit, manual, according to special customer order. Can be specified in optional length and configuration. Implies a detailed specification. Including mounting instruction and electrical wiring diagram with dimensions. Earthed.
Material: Aluminium, natural anodized.

Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
Acc. to customer spec.	Anodized	Optional/Ø112	—	—	**GCR_CMS9464**

Gas-spring operated pop-up desk unit, pre-defined/pre-wired, for Australian market

Pop-up function desk unit, six-sided, operated by a gas spring. Configured with 3 x double power outlets, Australian standard, with 3 m 1.5 mm² power cable without plug and 4 x 30 Mech/Keystone data outlets. Including fixing clamp and hooks for excess cables. When inactive, the box lies flush with the desk-top. By a light pressure on the top, a gas spring becomes activated and makes the box pop up from the desk surface. As soon as the box is not in use, it is easily pressed back to the flush level. Earthed. Hole dimension: Ø216 mm.
Material: Aluminum, powder coated grey RAL 9006.

Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
3 x double power outlets AU, 4 x 30 Mech /Keystone data 3 m cable	Grey	325/Ø236	1	3606480701153	**INS43640**

Gas-spring operated pop-up desk unit, pre-defined/pre-wired

Pop-up function desk unit, six-sided, operated by a gas spring. Including fixing clamp and hooks for excess cables.
When inactive, the box lies flush with the desk-top. By a light pressure on the top, a gas spring becomes activated and makes the box pop up from the desk surface. As soon as the box is not in use, it is easily pressed back to the flush level. Earthed. Hole dimension: Ø216 mm.
Material: Aluminum, powder coated grey RAL 9006.

Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
Acc. to customer spec.	Anodized	Optional/Ø236	—	—	**GCR_CMS9379**

Accessories

Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.

Power cables

Extension cable 1-phase 250/400V 16A with connectors. Cable: halogen-free Ø10.2 mm, S05Z1A7Z1-F3G1.5 3 x1.5mm². Connectors: female GST 18i3 and male power connector (combined pin- and side-earth). NOTE: Only to be used for Schneider furniture units!
Material: PA, PE/PP, FR.

Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
Cable, 2 m	White	Length 2000	1	3606480068478	**INS40720**
Cable, 3 m	White	Length 3000	1	3606480068485	**INS40721**
Cable, 5 m	White	Length 5000	1	3606480068492	**INS40722**

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 polar white.

Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
Cable feeder	Anodized Polar white	3200/Ø52	1	3606480030505 3606480687112	**ISM20800** **ISM20801P**

Desk lead-through

Round guide bushing with flange and locking device. For lead-through of ceiling cable feeder through desktop.
Material: Aluminium, powder coated grey RAL 9007 or polar white.

Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
Desk lead-through	Grey Polar white	70/Ø80	1	3606480030529 3606480687129	**ISM20802** **ISM20803P**

Feeder adaptor

Adaptor for ceiling cable feeder. To be used as connection for flexible conduit Ø55 mm.
Material: Aluminium, powder coated grey RAL 9007 or polar white.

Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
Adaptor	Grey Polar white	25/Ø58.5	1	3606480030543 3606480687136	**ISM20804** **ISM20805P**

Accessories

Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
Foot adaptor					
Adaptor intended for mounting the ceiling cable feeder onto a round foot (ISM20808). Material: Steel, painted.					
Foot adaptor	Grey	145/Ø60	1	3606480297960	**ISM20832**
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 conduits					
Flexible conduit, Ø55 mm, to be used to bring cables from ceiling to cable feeder. Material: PUR (polyurethane).					
Flexible conduit	Alu metallic Polar white	Ø55/2000	2 m	3606480030567 3606480030574	**ISM20806** **ISM20807**
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**
Mounting tool					
Mounting tool for laying of cables in split-tube flexible conduits. Material: PP.					
For Ø25 mm conduit	—	Ø115/36/70	1	3606480150357	**ISM50852**
Ceiling frame					
Ceiling frame intended to lead flexible conduit through false ceiling. Also suitable for Ø52 mm ceiling cable feeder. 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 fixing					
Ceiling fixing intended to connect flexible conduit to ceiling or wall. Fixings not included. Material: Aluminium, powder coated white RAL 9010.					
Ceiling fixing	White RAL 9010	50/156/90	1	3606480030666	**ISM20816**
Busbar fixing					
Busbar fixing for Ø55 mm conduits, intended to connect flexible conduit to busbar trunking. Material: Steel, powder coated white RAL 9010.					
Busbar fixing	White	105/90/70	1	3606480030659	**ISM20815**
Cable tray fixing					
Cable tray fixing including fixing material, intended to connect a ceiling cable feeder to cable tray or cable ladder. Allows a flexible connection of the feeder in various directions. Material: Steel, powder coated white RAL 9010.					
Cable tray fixing for Ø52 mm cable feeder	White	75/56/85	1	3606480068638	**INS40800**
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**
Floor grommet					
Grommet for floor applications, intended for service posts or the below tube adaptor. 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 or tube adaptor has been installed. When installing a post or a tube adaptor, 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**
Tube adaptor					
Two-part tube adaptor for floor grommet. Intended for flexible tubes Ø25 mm. With integrated strain relief of flexible tube. To be used for instance together with flexible tube and a furniture unit. Material: Zinc, chromium plated.					
Tube adaptor	—	39/64/80	1	3606480160752	**INS40551**

OptiLine 50 Service boxes
Technical description

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
	Colour	• White RAL 9010 • Polar white RAL 9003 • Grey RAL 9007
Steel	Specification	SS 1142
	Surface treatment	Powder coating
	Colour	• White RAL 9010 • Grey RAL 9006 • Aluminium metallic
PUR (polyurethane)	Colour	• Polar white • Aluminium metallic
PC/ABS (polycarbonate/ acrylonitrile butadiene styrene)	Density	1.14 g/cm^3
	Fire rating	UL 94 HB
	Colour	• White RAL 9010 • Polar white RAL 9003
Degree of protection	IP30	
	IP20 (INS43626, flush-mounted desk unit with flip lid)	
Temperature range	Operating temperature from -15°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 • AS/NZS 3100:2009 + A2:2012 + A3:2014	
	The products satisfy the provisions for CE marking according to the Low Voltage Directive 73/23/EEC and 93/68/EEC	

Cable capacity cable feeder

Comp.	Max. Ømm	Cross section area mm²	Cable capacity*) mm² 40%	50%	60%
1	18	640	256	320	384
2	24	1046	418	523	628

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

Dimensions

6-sided pop-up box
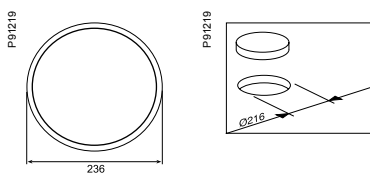
Desk box with flip lid
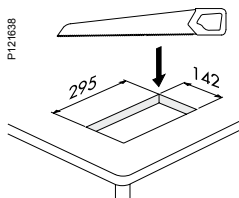
Flush-mounted desk box with flange

	INS40620	INS40622 INS40624
A	60 mm	60 mm
B	415 mm	515 mm
C max	24 mm	24 mm
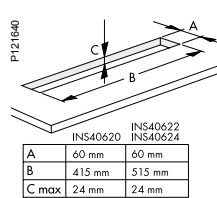
Turnable service box
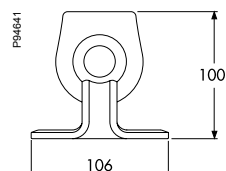
1-sided pop-up box

Exploded view feeder system

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)

Examples
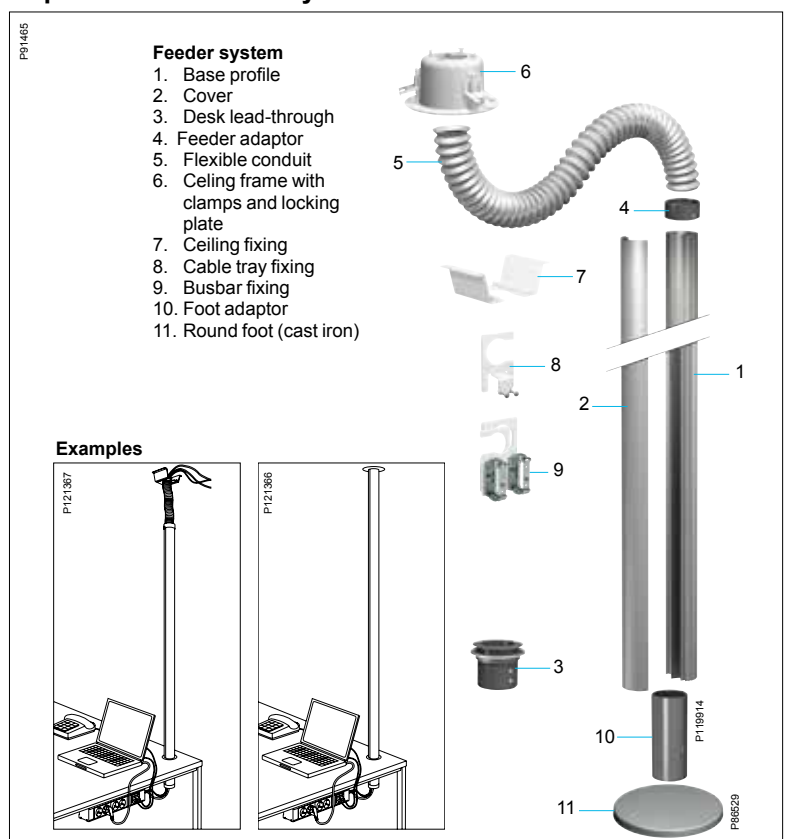
OptiLine 50 floor boxes

You get many advantages from supplying power and data from the floor. Floor outlet boxes make the power available all around the premises. Thus, the planning of a room will not be blocked by the infrastructure. Both the user and the electrician can benefit from the accessibility. OptiLine 50 floor boxes are equally suited for raised access floors, screeded floors and hollow floors.

A system for all types of floor

While being extremely simple and quick to install, thanks to the tool-less connection of data and the quick-coupling of power, the interior of the floor box is always adapted to its purpose.

Raised access floors
In a raised access floor the boxes can be installed at superior liberty.

Floors of cast-in-situ concrete
Use the screeded floor box. Piping for cables are laid on the rough floor surface or on the concrete reinforcement. Since no part of the screeded box is visible, the floor can be reground without problems.

Hollow floors
Use the Hollow core box.
The cavity for the box can easily be made at the hollow core slab factory or at the building site. The cables can be fed in all directions.

Invisible when not in use, the perfect alternative for discreet installations.
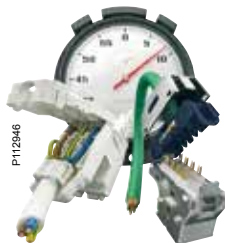
Plastic

The plastic floor box is intended for low and medium busy places without extreme loads, even though the 3 mm steel reinforcement of the lid gives it a high load capacity. And the rim of the cover looks nice even after a long time of wear since the plastic material is scratch-resistant.

Stainless steel

For busy places, like entrance halls, foot passages and the like, a stainless steel box is preferable. It gives a solid impression and ages with dignity. This box also has the 3 mm steel reinforcement of the lid and can be provided with floor inserts.

Mount and connect with a Click!

Self-locking

The Quick Fix is the self-locking function of the boxes, effective in all floor types. No tools are needed. The more load there is on the box, the tighter it fits to the floor.

Click-in-mounting
The outlet frames are made for direct click-in mounting of outlets and devices.
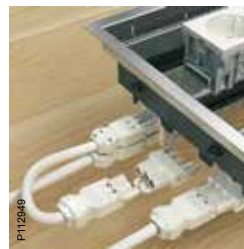
Quick-coupling
Installation couplers do wonders for mounting time as well as for future flexibility.

Capacious and enclosed
Approved for mixed installation of power and data. No need of extra boxes or partition walls and no problems with the bending radius of the cables.

Large capacity
The box gives room for 15 modules with a free distribution between power and data according to your needs.

Cable holders
To hold cables in place, not to let them be pulled out or get jammed.
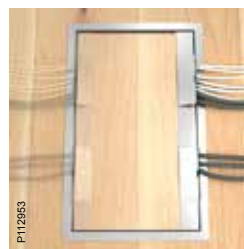
Cable exits
The lid has double cable exits and can be turned 180 degrees.

Self-closing
The lid is self-closing to minimize the risk of accidents.

High loading capacity
The reinforcement of the lid gives it a high loading capacity.

Other accessory alternatives

Feeding cable 1–10 m

Switch

Dimmer

DIN-box for earth leakage breaker, etc.

Completely embedded
OptiLine floor outlet box + Screeded floor box

There is space enough in the pipes for our slim installation couplers.
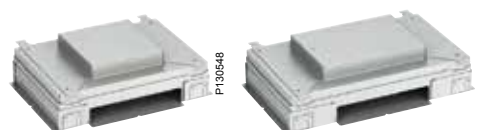
Screeded floor boxes
Choose between the 4 or 6-8 module box. Booth supporting the same acessories.

Robust lid
The load capacity of the floor is not affected by the boxes since the lid has been reinforced with 3 mm steel.

Cable exits
The cable exits are lined with foamed plastic, preventing dirt from penetrating into the box. The hinged lid can be turned 180 degrees for an opposite direction of the cable exits and is removed in a simple operation.

Quick-connect network
The LexCom "crocodile" enables connecting of Cat. 6$_A$ in around 30 seconds. Tool-less!

Colour match
The lid has a recess for an insert of the same material as the surrounding floor. In the plastic box the maximum thickness of the insert material is 6 mm and in the stainless box 15 mm.

Mount without tools
The outlets have a quick-connect function and are clicked into the mounting frame.

Quick-couplings
Save time using cables with installation couplers! Available in various lengths and types.

Smart screeded box
The box is made of galvanized sheet steel. It is filled with cellular plastic to prevent con-crete and water from leaking into the hole in the building phase. And no one runs the risk of treading through. The filling is easily removed after screeding.

DIN enclosure
You can install a fuse or an earth leakage breaker in the box for extra safety.

50 mm adaptors
The adaptors for 50 mm tubes/conduits also provide room enough to feed the box with cables with installation couplers. Reduction sleeves down to 16 mm are available.

Level adjustment
The screeded floor box is very easy to height adjust to finished floor level. For extra height, adjustable supporters can be used.
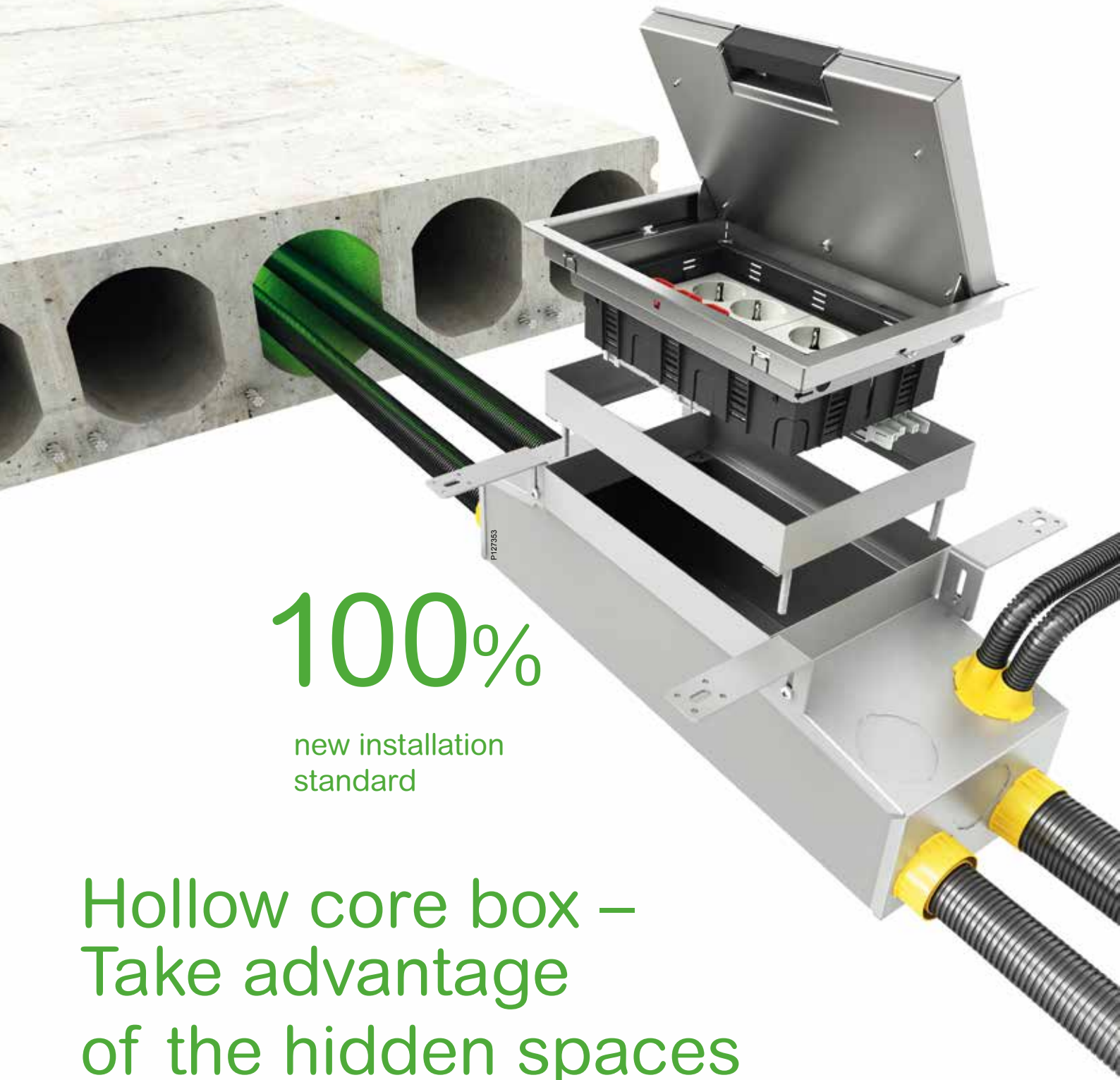
100%

new installation standard

Hollow core box – Take advantage of the hidden spaces

The construction business today is all about finding robust, safe and strong building materials that are cost-effective and easy to handle. Hollow core slabs are one of the most frequently used types of pre-fabricated concrete floors in office buildings today. No extra reinforcement is needed and the floors can be finalized with a minimum of filling. And it gets even better – now you can also make use of the empty spaces.

The hollow core slabs have 4-5 hollows running lengthwise in the core. Now it is possible to take advantage of this hidden capacity underneath the floor level. Schneider Electric is the first manufacturer to launch a floor box system that is tailor-made for hollow flooring with cavities of Ø170 mm or larger. With the OptiLine Hollow Core Box, you can install electricity and cabling without affecting the floor strength. Power and data will be easily accessed, offering significant benefits for the installer as well as for the end-user.

Small demands on space, surprisingly spacious inside

75% less screeding

Less screeding – good for the environment.

Installing conventional screeded floor boxes usually results in having to apply additional screeding, adding extra time and costs to the constructional phase. As the OptiLine Hollow Core Box is totally submerged in the slab, no extra screeding is needed to keep it in place.
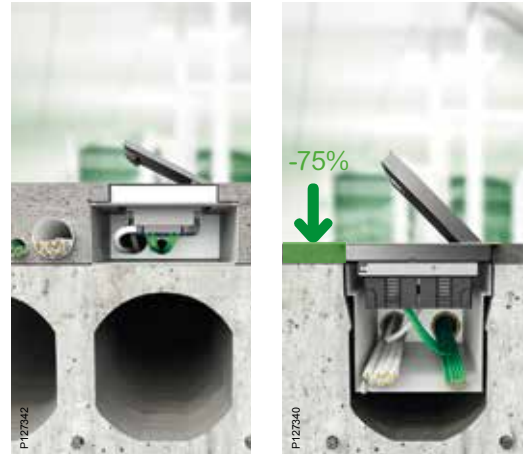
50% more space

To reduce the overall building height, the demand for lower floor boxes has increased, resulting in less coupling space. With the Hollow Core Box, there is plenty of room for connections and cable loops as well as for bulky transformers. Still, the floor box lid can be closed.

25% cost saving

By reduced screeding needs, together with all the other benefits of the OptiLine Installation System, you will save both time and money during the construction and installation phase.

Hollow core box

0%
loss of floor
strength

P131337

The hollow core box in depth

The Hollow Core Box has an optimized shape for use in cavities of Ø170 mm or bigger. The cavity for the box can easily be made at the hollow core slab factory or at the building site. Correctly installed, it will not affect the strength of the floor construction. The Hollow Core Box has been designed to support the OptiLine 50 floor boxes.   Take a look at all the features.

+

The Hollow Core Box is also suitable for refurbishments.

OptiLine 50 floor box
The smart outlet grid can be adjusted in height, optimizing space for plugs and transformers.

Heavy load
The stainless steel floor box resists heavy wear and has a very robust lid. Can be rotated 180 degrees.

Steady protection cover
The steel protection covers the cavity in a safe manner during the building phase. Strong enough to step on.

Perfect level
Exact levelling can easily be made from the top before or during the filling process.

Extensive level range
Turnable brackets enable a height adjustment of 100 mm.

Feed sideways
Special 20 mm adaptor for conduits.

Sliding function
The adaptors allow the conduits to slide, making tube fitting very easy.

Body shape
The Hollow Core Box has an optimized shape for use in cavities of Ø170 mm or more.

Generous space
The Hollow Core Box has a generous space for couplings and passing cables.

Conduit adaptor
For all standard conduit sizes, 25–50 mm.

Resistant
The box is galvanized to resist corrosion.

Three-way connection
Sixteen grommet connections enable conduit feeding from the top, side and bottom of the Hollow Core Box.

Bayonet sockets
Knockouts with bayonet sockets for fast and flexible installations of the conduit adaptors.

P127344

OptiLine 50 Floor boxes
Range

Floor outlet boxes

Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
Plastic floor box					
Complete rectangular floor outlet box, including mounting frame, quick fixation and two cable exits. The outlet capacity is maximum fifteen 50 x 50 mm OptiLine 50 wiring devices. Cable exit capacity: 1850 mm^2, max. cable Ø12 mm. The hinged lid can be installed in two positions and is easily removed. It can be fitted with an insert of floor material of up to 6 mm thickness. Material: PA/ABS, steel.					
15 module box	Grey	75/222/348	1	3606485135656	**INS50045**
Metal floor boxes					
Complete square floor outlet box, including mounting frame, quick fixation and cable exit. The total height of the floor box is adjustable from 85 mm to 115 mm, in steps of 5 mm. The outlet capacity is maximum four 50 x 50 mm OptiLine 50 wiring devices. Cable exit capacity: 1245 mm^2, max. cable Ø15 mm. The hinged lid can be installed in two positions and is easily removed. It can be fitted with an insert of floor material of up to 15 mm thickness. Material: Stainless steel.					
4 module box	—	81/199/199	1	3606480482489	**INS51043**
Complete rectangular floor outlet box, including mounting frame, quick fixation and cable exit. The total height of the floor box is adjustable from 85 mm to 115 mm, in steps of 5 mm. The outlet capacity is maximum eight 50 x 50 mm OptiLine 50 wiring devices. Cable exit capacity: 1245 mm^2, max. cable Ø15 mm. The hinged lid can be installed in two positions and is easily removed. It can be fitted with an insert of floor material of up to 15 mm thickness. Material: Stainless steel.					
8 module box		81/199/276	1	3606480483042	**INS51044**
Complete rectangular floor outlet box, including mounting frame, quick fixation and two cable exits. The outlet capacity is maximum fifteen 50 x 50 mm OptiLine 50 wiring devices. Cable exit capacity: 2490 mm^2, max. cable Ø15 mm. The hinged lid can be installed in two positions and is easily removed. It can be fitted with an insert of floor material of up to 15 mm thickness. Material: Stainless steel.					
15 module box	—	86/222/348	1	3606485135663	**INS51045**
Metal floor box for Switzerland					
Complete rectangular floor outlet box, including mounting frame, quick fixation and cable exit. To be fitted in a screeded floor box or in a raised floor of maximum 40 mm panel thickness. The outlet capacity is maximum twelve 50 x 50 mm OptiLine 50 wiring devices. Cable exit capacity: 1245 mm^2, max. cable Ø11 mm. The hinged lid can be installed in two positions and is easily removed. It can be fitted with an insert of floor material of up to 16 mm thickness. Installation depth 90 mm. **NOTE**: Intended for Switzerland only. Material: Stainless steel.					
12 module box for CH	—	86/230/375	1	3606480446191	**INS51030**

Accessories

Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
Screeded floor boxes					
Metal screeded floor box for embedment in screeded floors with minimum 100 mm thickness. With openings for feeding on all four sides, equipped with blank plates on three sides. Suitable for both flush floor trunking and tube feeding. The screeded floor box has an adjustable internal height of between 98 and 125 mm. When used in a thicker floor, adjustable supporters should be used. NOTE: Please be aware of the minimum bending radius of cabling during wiring and installation of the floor outlet box. Material: Sheet steel.					
Screeded floor box 4 modules	—	125/302/405	1	3606480482496	**ISM50343**
Screeded floor box 8 modules	—	124/301/482	1	3606480483059	**ISM50342**
Screeded floor box 15 modules	—	100/338/524	1	3606485135687	**ISM50340**
Screeded floor box for Switzerland					
Metal screeded floor box for embedment in screeded floors with minimum 90 mm thickness. With openings for feeding on all four sides, equipped with blank plates on three sides. Suitable for both floor trunking and tube feeding. The screeded floor box has an adjustable internal height of between 90 and 110 mm. When used in a thicker floor, adjustable supporters should be used. **NOTE:** Please be aware of the minimum bending radius of cabling during wiring and installation of floor outlet box. Intended for Switzerland only. Material: Sheet steel.					
Screeded floor box 12 modules for CH	—	100/351/584	1	3606480446214	**INS52000**

OptiLine 50 Floor boxes
Range

Floor outlet boxes

	Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
	Metal floor boxes					

8 and 12 module stainless steel floor boxes complete with die cast aluminium lid in stainless steel or gun metal colour.
Lids provided with a protective film on the upper surface. There are two versions of the lid available. One lid has a recess for lid infill and one has a flat top surface to be used as is. Soft closing lid protects both user fingers and cables. The special design of the interface between the lid and frame also protects cables from being pinched. All cables should be routed through the cable exit. When installed in concrete, use screed box INS62038 for 8 module and INS62039 for 12 module.
Material: Stainless steel and die cast aluminium.

	Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
P150154	8 module floor box with flush lid	Stainless	91/255/278	1	9311554771904	**INS62030**
P150159	8 module floor box with recessed lid	Stainless	91/255/278	1	9311554771928	**INS62032**
P150161	8 module floor box with flush lid	Gun metal	91/255/278	1	9311554771911	**INS62031**
P150160	8 module floor box with recessed lid	Gun metal	91/255/278	1	9311554771935	**INS62033**
P150156	12 module floor box with flush lid	Stainless	91/255/378	1	9311554771942	**INS62034**
P150164	12 module floor box with recessed lid	Stainless	91/255/378	1	9311554771966	**INS62036**
P150163	12 module floor box with flush lid	Gun metal	91/255/378	1	9311554771959	**INS62035**
P150162	12 module floor box with recessed lid	Gun metal	91/255/378	1	9311554771973	**INS62037**

	Metal floor box carcass					

8 module stainless steel floor box carcass. For use together with 8 module lid flush or recessed, stainless steel or gun metal colour. When installed in concrete, use screed box INS62038.
Material: Stainless steel.

	Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
P148727	8 module carcass AU	—	88/235/270	1	9311554775100	**INS51245**

12 module stainless steel floor box carcass. For use together with 12 module lid flush or recessed, stainless steel or gun metal colour. When installed in concrete, use screed box INS62039.
Material: Stainless steel.

	Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
P148726	12 module carcass AU	—	88/235/370	1	9311554775117	**INS51240**

Accessories

	Lid, stainless steel colour					

Floor box lids to be used together with Metal floor box carcass. Lids provided with a protective film on the upper surface.
There are two versions of the lid available. One lid has a recess for lid infill and one has a flat top surface to be used as is.
Soft closing lid protects both user fingers and cables. The special design of the interface between the lid and frame also protects cables from being pinched. All cables should be routed through the cable exit.
Material: Diecast aluminium.

	Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
P148722	For 8 module carcass flush	Stainless	21/255/278	1	9311554775032	**INS51220**
P148724	For 8 module carcass recessed	Stainless	21/255/278	1	9311554775049	**INS51230**
P148718	For 12 module carcass flush	Stainless	21/255/378	1	9311554775087	**INS51200**
P148720	For 12 module carcass recessed	Stainless	21/255/378	1	9311554775094	**INS51210**

OptiLine 50 Floor boxes
Range
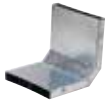
Accessories

	Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
Lid, gunmetal steel colour						

Floor box lids to be used together with Metal floor box carcass. Lids provided with a protective film on the upper surface.
There are two versions of the lid available. One lid has a recess for lid infill and one has a flat top surface to be used as is.
Soft closing lid protects both user fingers and cables. The special design of the interface between the lid and frame also protects cables from being pinched. All cables should be routed through the cable exit.
Material: Aluminium alloy.

	Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
P148723	For 8 module carcass flush	Gun metal	21/255/278	1	9311554775025	**INS51225**
P148725	For 8 module carcass recessed	Gun metal	21/255/278	1	9311554775056	**INS51235**
P148719	For 12 module carcass flush	Gun metal	21/255/378	1	9311554775063	**INS51205**
P148721	For 12 module carcass recessed	Gun metal	21/255/378	1	9311554775070	**INS51215**

Screeded boxes

Metal screed box for use with 8 module stainless steel floor box carcass. Minimum screed depth 195 mm. Suitable for flexible conduit feeders. When used in deeper screed, adjusters should be used to level the box with the achieved floor surface.
Note: please be aware of the minimum bending radii of cables during installation of the floor box.
Material: Sheet steel.

	Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
P148733	Screeded box 8 modules carcass AU	—	90/295/400	1	9311554771980	**INS62038**

Metal screed box for use with 12 module stainless steel floor box carcass. Minimum screed depth 195 mm. Suitable for flexible conduit feeders. When used in deeper screed, adjusters should be used to level the box with the achieved floor surface.
Note: please be aware of the minimum bending radii of cables during installation of the floor box.
Material: Sheet steel.

	Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
P148732	Screeded box 12 modules carcass AU	—	90/295/400	1	9311554771997	**INS62039**

Hollow core box

Metal screeded floor box for embedment in the cavity of hollow core slabs with cavities of at least Ø170 mm. With knock-outs for conduit adaptors, four upwards, 2 x 3 sideways and six downwards. Equipped with brackets for rough height fixation 0-75 mm and fine-adjustment screws for fine tuning to the finished floor level. The top entry is covered with a lid for good safety during the construction time. Suitable for 8-module floor box.
Material: Sheet steel.

	Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
P131349	Hollow core box 8 modules	—	166/184/502	1	3606480483066	**ISM50356**

Conduit adaptors

Conduit adaptor for two conduits 20 mm.
Material: PP.

	Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
P131533	Conduit adaptor 2 x 20 mm	Yellow	58/58/32	10	3606480483073	**ISM50370**

Conduit adaptor for conduits 25, 32, 40 or 50 mm. Diameter choice by punching out to right size.
Material: PP.

	Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
P131534	Conduit adaptor 1 x 25, 32, 40 or 50 mm	Yellow	58/58/32	10	3606480483080	**ISM50371**

Adjustable supporter

Adjustable supporter, intended for height adjustment of the screeded floor box to the finished floor level. To be used for cast floors with a thickness ranging from 126 to 290 mm.
Material: PP, PA6.

	Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
P119916	Supporter	Grey, black	111/111/63-255	4	3606480297977	**ISM50341**

Version : 2.0   05/2019   ISC01421EN

OptiLine 50 Floor boxes
Range

Accessories

	Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
	Front cover					
	Front cover intended to cover one or more open compartments in the outlet grid. The length is 250 mm, but the profile may easily be cut to the desired length. Material: PA/ABS.					
P106223	Front cover	Dark grey	50/13/250	10	3606480215292	**INS50250**
	Mounting plate					
	Blank mounting plate to be used to enable future extension of VDI outlets. To be snap-fitted in the front opening. Material: PC/ABS.					
P110598 P110599	Mounting plate	White Dark grey	50/20/50	1	3606485115368 3606485115375	**INS64000** **INS64001**
	Lid infill, linoleum					
	Lid infill to be used in the lid of floor outlet boxes. Provided with self-adhesive tape underneath. If the lid infill is to be used in a metal floor box, a 9 mm thick extra spacer material is required. Material: Linoleum.					
P85843	For 4 module box	Grey	6/139/167	1	3606480031007	**ISM50807**
P85844	For 8 module box	Grey	6/139/245	1	3606480031014	**ISM50808**
P112335	For 15 module box	Grey	6/162/316	1	3606485135700	**ISM50819**
	Lid infill, stainless steel					
	Lid infill to be used in the lid of floor outlet boxes. Provided with a protective film on the upper surface and a soft rubber layer with self-adhesive tape underneath. If the lid infill is to be used in a metal floor box, a 9 mm thick extra spacer material is required. Material: Stainless steel, silicone rubber.					
P93897	For 4 module box	—	6/139/167	1	3606480025761	**ISM50817**
P93898	For 8 module box	—	6/139/245	1	3606480025761	**ISM50818**
P112555	For 12 module box Only intended for Switzerland	—	6/199/317	1	3606480446207	**INS51032**
P112555	For 15 module box	—	6/162/316	1	3606485135694	**ISM50820**
	Swivel fixing					
	Swivel fixings to be mounted on either short side of a floor outlet box. Intended for use as additional fixing method in raised floors with a panel thickness ranging from 23 mm to 53 mm. Material: PA6, steel.					
P85838	Swivel fixing	Blue	58/12/25	2	3606480031052	**ISM50823**
	Flexible conduit					
	Flexible conduit (split tube), diameter 25 mm, to be used for cable feeding from floor outlet box to desktop. Cables to be installed by using mounting tool ISM50852. Material: PP.					
P85091	Flexible conduit	Grey metallic	Ø25/2000	2	3606480150340	**ISM50850**
	Mounting tool					
	Mounting tool for installation of cables in 25 mm split-tube flexible conduits. Material: PP.					
P85094	Mounting tool	—	115/36/70	1	3606480150357	**ISM50852**
	Separation clip					
	Clip to be snap-fitted around two flexible conduits, separating power and low voltage cables. Separation distance between cables = 25 mm. To be mounted at 200 mm intervals. Material: PP.					
P85095	Separation clip	Grey metallic	34/28/70	6	3606480160776	**ISM50851**

OptiLine 50 Floor boxes
Range

Compatible steel trunking products

Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
Underscreed floor trunking with two compartments					
Floor trunking with two compartments and integrated separation wall, intended for embedded use in screeded floors, in combination with screeded floor boxes of plastic or metal. Available in two heights, 28 and 38 mm. Material: Sheet steel, galvanized.					
150 x 28 mm	—	28/150/2000	2 m	8428031087913	**4260101**
150 x 38 mm	—	38/150/2000	2 m	8428031087982	**4260111**
200 x 28 mm	—	28/200/2000	2 m	8428031087920	**4260102**
200 x 38 mm	—	38/200/2000	2 m	8428031087999	**4260112**
Underscreed floor trunking with three compartments					
Floor trunking with three compartments and integrated separation walls, intended for embedded use in screeded floors, in combination with screeded floor boxes of plastic or metal. Available in two heights, 28 and 38 mm. Material: Sheet steel, galvanized.					
250 x 28 mm	—	28/250/2000	2 m	8428031087968	**4260106**
250 x 38 mm	—	38/250/2000	2 m	8428031088033	**4260116**
Fixation clamp					
Clamp intended to fix a 28 mm high floor trunking to the concrete floor and to hold the position at the screeded floor-box junction. Material: Sheet steel, galvanized.					
For 150 mm	—	30/157/40	1	8428031147129	**ISM50151**
For 200 mm	—	30/257/40	1	8428031147136	**ISM50152**
For 250 mm	—	30/307/40	1	8428031147143	**ISM50153**
Same as above but for 38 mm high floor trunking. Material: Sheet steel, galvanized.					
For 150 mm	—	40/157/40	1	8428031147167	**ISM50156**
For 200 mm	—	40/257/40	1	8428031147174	**ISM50157**
For 250 mm	—	40/307/40	1	8428031147181	**ISM50158**
Vertical corner with two compartments					
Vertical corner with two compartments and an integrated separation wall. Intended to guide cables from vertical to horizontal direction. The bend of the corner is chamfered, allowing a proper bending radius of the cables. Material: Sheet steel, galvanized.					
For 150 x 28 mm trunking	—	201/150/201	1	8428031096267	**4260133**
For 150 x 38 mm trunking	—	201/150/201	1	8428031096335	**4260140**
For 200 x 28 mm trunking	—	201/200/201	1	8428031096274	**4260134**
For 200 x 38 mm trunking	—	201/200/201	1	8428031096489	**4260141**
Vertical corner with three compartments					
Vertical corner with three compartments and two integrated separation walls. Intended to guide cables from vertical to horizontal direction. The bend of the corner is chamfered, allowing a proper bending radius of the cables. Material: Sheet steel, galvanized.					
For 250 x 28 mm trunking	—	201/250/201	1	8428031096311	**4260138**
For 250 x 38 mm trunking	—	201/250/201	1	8428031096526	**4260145**
Earthing kit					
Kit including earth wire with flat pin connectors and earthing clamps. Intended to provide an earth connection between two metal floor trunking bodies, or other sheet metal products. Material: Spring steel, copper.					
Earthing kit	Yellow/green	L = 200	10	3606480028519	**ISM10953**
		L = 300	10	3606480028526	**ISM10954**

P11057
P11058
P131607
P11059
P131678
P85796

OptiLine 50 Floor boxes
Range

Compatible Thorsman UFB products

Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
Conduit adaptor					
Adaptor for the connection of 1–4 conduits to the screeded floor box. The adaptor has four openings for Ø50 mm (dimensions acc. to EN 60423) conduits. For smaller diameters, reduction sleeves can be used. They are easily pushed into the open ends of the adaptor. All entrances are provided with a knock-out opening on the inside to prevent unintentional leakage of concrete into the screeded box when the entrance is not in use. Material: PP.					
UFB-AP	Yellow	55/40/257	10	7315885197756	**5197755**
Reduction sleeve					
Reduction sleeve for the fitting of conduits smaller than Ø50 mm in adaptor UFB-AP. The reduction sleeve is available for four different dimensions: Ø16, Ø20, Ø32 and Ø40 mm (dimensions acc. to EN 60423). The opening for the feeding conduit should be positioned at the bottom edge of the reduction sleeve, for a stable position of the conduit. Material: PP.					
UFB-RM For conduits Ø16 mm	Yellow	Ø50/39	10	7315885197824	**5197820**
UFB-RM For conduits Ø20 mm	Yellow	Ø50/39	10	7315880046820	**5197825**
UFB-RM For conduits Ø32 mm	Yellow	Ø50/39	10	7315885197831	**5197830**
UFB-RM For conduits Ø40 mm	Yellow	Ø50/39	10	7315880046837	**5197835**
Floor trunking adaptor for 28 mm high trunking					
Adaptor to be fitted to the side entrance of the screeded floor box for the connection of 28 mm high floor trunking to the box. Material: Sheet steel S 235 JR.					
UFB-AP For 150 x 28 mm floor trunking	—	55/40/257	10	7332418017633	**5197761**
UFB-AP For 200 x 28 mm floor trunking	—	55/40/257	10	7332418017640	**5197762**
UFB-AP For 250 x 28 mm floor trunking	—	55/40/282	10	7332418017657	**5197763**
Floor trunking adaptor for 38 mm high trunking					
Adaptor to be fitted to the side entrance of the screeded floor box for the connection of 38 mm high floor trunking to the box. Material: Sheet steel S 235 JR.					
UFB-AP For 150 x 38 mm floor trunking	—	55/40/257	10	7332418017664	**5197771**
UFB-AP For 200 x 38 mm floor trunking	—	55/40/257	10	7332418017671	**5197772**
UFB-AP For 250 x 38 mm floor trunking	—	55/40/282	10	7332418017688	**5197773**

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OptiLine 50 Floor boxes
Technical description

Exploded views

Floor outlet box / Screeded floor box

1. Floor outlet box
2. Hinged lid
3. Screeded floor box
4. Tube adaptor
5. Adjustable supporter

Floor outlet box / Hollow core box

1. Floor outlet box with hinged lid
2. Hollow core box
3. Protective cover
4. Turnable bracket
5. Conduit adaptors

Technical and Material data

PA6 (polyamide 6)	Density	1.13 g/cm^3
	Fire rating	UL94 V2 (3.2 mm)
	Colour	Blue RAL 5003
PA/ABS (polyamide/acrylo-nitrile butadiene styrene)	Density	1.12 g/cm^3
	Fire rating	UL 94 HB (halogen-free)
	Colour	Grey RAL 7011 Dark grey RAL 7043
PP (polypropylene)	Density	0.905 g/cm^3
	Fire rating	UL94 HB
	Colour	Yellow
Aluminium alloy	Colour	Gunmetal steel plating Stainless steel plating
Sheet steel	Specification	S 350 GD
	Density	7.8 g/cm^3
	Surface treatment	Zinc coated
Stainless steel	Specification:	x 5CrNi 18-10
	Density:	7.8 g/cm^3
Degree of protection	IP20	
Standards	The products comply with EN 60670-23. Load according to EN 50085-2-2.	
	Swiss installation standard NIN 2010 (12 module floor outlet box only)	
	Australian floor boxes are currently being tested.	
	The products satisfy the provisions for CE marking according to the Low Voltage Directive 73/23/EEC and 93/68/EEC	
Temperature range	Operating temperature from -25°C to +60°C	
Impact	2 J (IK07)	
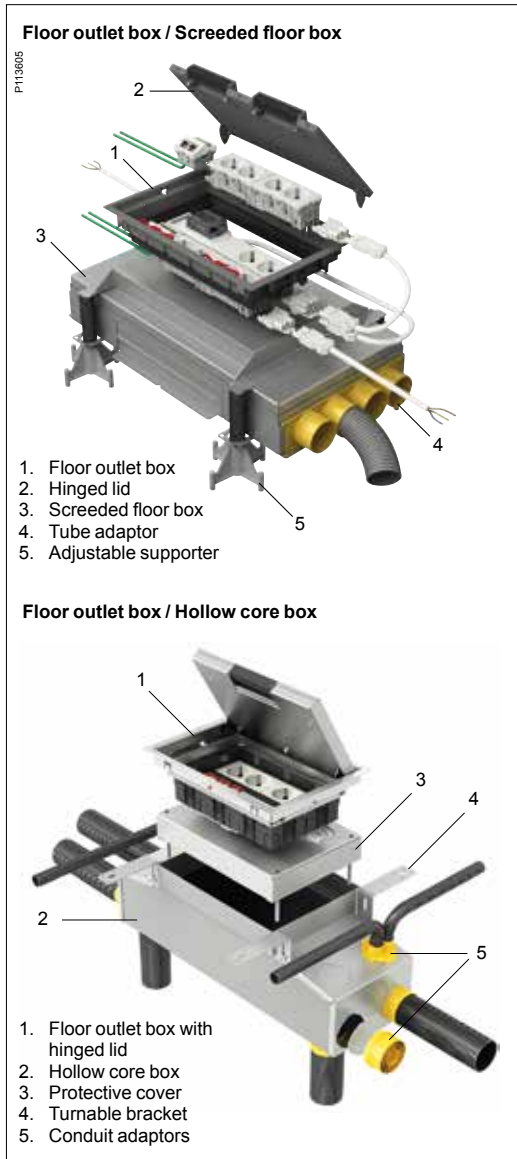
Cable capacity

Type	A mm^2	B mm^2	Total mm^2
Floor trunking with two compartments A B			
150 x 28 mm	1885	1885	3770
150 x 38 mm	2610	2610	5220
200 x 28 mm	2535	2535	5070
200 x 38 mm	3510	3510	7020
Floor trunking with three compartments A B A			
250 x 28 mm	1898	2450	6246
250 x 38 mm	2628	3430	8686
350 x 28 mm	3198	2450	8846
350 x 38 mm	4428	3430	12286

OptiLine 50 Floor boxes
Technical description

Max. load according to EN 50085-2-2

Small surface

F

ø13,3 mm

F

Large surface

ø130 mm

Hole dimensions

A ±1mm

B ± 1 mm
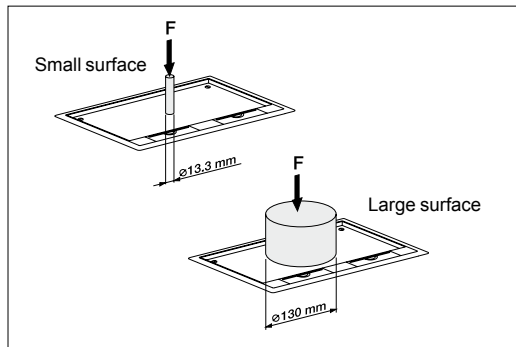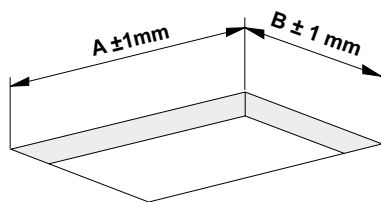
Ref no	Material		A	B
INS51043	steel	4 module	179	179
INS51044	steel	8 module	256	179
INS51030	steel	12 module CH	357	210
INS51045	plastic	15 module	327	201
INS50045	plastic	15 module	327	201
INS62030 INS62031 INS62032 INS62033	steel	8 module AU	260	236
INS62034 INS62035 INS62036 INS62037	steel	12 module AU	360	236

Max. load according to EN 50085-2-2

Plastic floor box 15 modules, INS50045			
Small surface	Force (N)		Force (N)
Without inlay	2500	With stainless steel inlay	3000
Large surface	Force (N)		Force (N)
Without inlay	3000	With stainless steel inlay	5000
Metal floor box 4 modules, INS51043			
Small surface	Force (N)		Force (N)
Without inlay	3000	With stainless steel inlay	3000
Large surface	Force (N)		Force (N)
Without inlay	10000	With stainless steel inlay	10000
Metal floor box 8 modules, INS51044			
Small surface	Force (N)		Force (N)
Without inlay	3000	With stainless steel inlay	3000
Large surface	Force (N)		Force (N)
Without inlay	10000	With stainless steel inlay	10000
Metal floor box 12 modules, INS51030			
Small surface	Force (N)		Force (N)
Without inlay	3000	With stainless steel inlay	3000
Large surface	Force (N)		Force (N)
Without inlay	5000	With stainless steel inlay	10000
Metal floor box 15 modules, INS51045			
Small surface	Force (N)		Force (N)
Without inlay	3000	With stainless steel inlay	3000
Large surface	Force (N)		Force (N)
Without inlay	5000	With stainless steel inlay	10000

Application picture hollow core box

P131335

Hollow core box

Floor outlet box

Filler

Concrete

Hollow core slab

Conduit
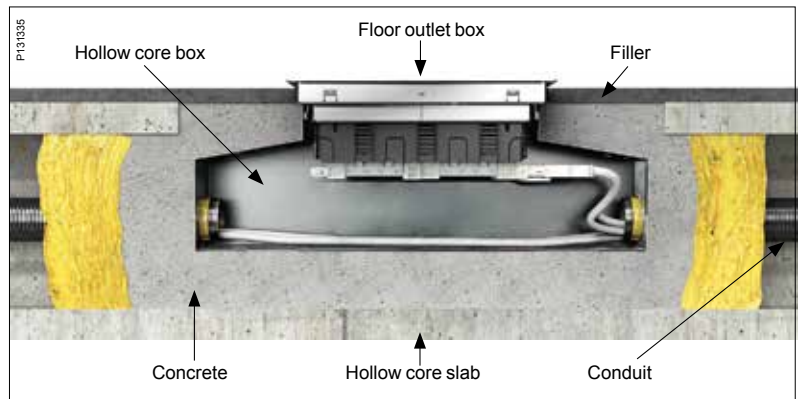
Installation depth

B max

A min

	INS60020		INS60010 INS60012 INS60014		INS60011 INS60013 INS60015		INS60034 INS60035 INS60036 INS60037		INS68104 INS68105	
	A min	B max.	A min	B max.	A min	B max.	A min	B max.	A min	B max.
Steel floor box INS51045	120	72	105	88	112	80	117	105	110	—
Plastic floor box INS50045	110	62	95	78	102	70	107	95	100	—
Steel floor box INS51044	110–130	65–85	100–120	80–100	115–130	80–95	110–130	95–115	110–130	—
Steel floor box INS51043	110–130	65–85	100–120	80–100	115–130	80–95	110–130	95–115	110–130	—

A complete solution.
For the whole building!

With OptiLine 50 you can make your choice from systems and products from Schneider Electric for any installation in the building. From the basement up to the roof. From the source of energy to the outlets of the users.

P112420
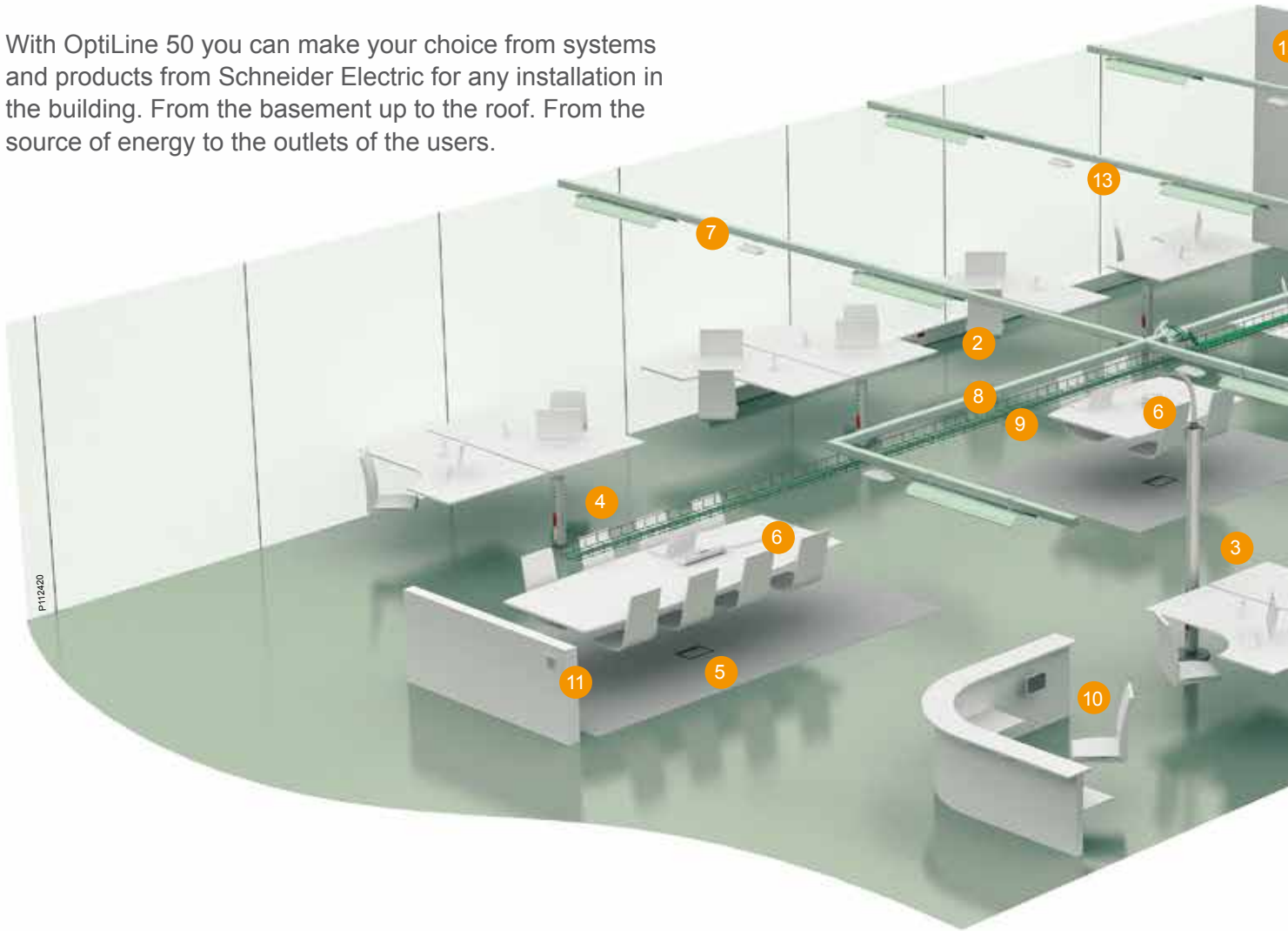
You will benefit from sticking to us

OptiLine 50 allows you to use products and systems from Schneider Electric anywhere, in the whole building. The advantages are several: Different functions in the building will harmonize completely with one another. Everything will fit together! You can also feel secure in knowing that our products will be on the market for a long time to come, since we are an important global actor. This fact makes our products well-known, by wholesalers as well as by electricians and electrical consultants. Thus, the knowledge of how to use the products is good, which in turn will reduce faulty installations and unnecessary costs.

1 Network connectivity solutions
2 OptiLine installation trunking
3 OptiLine outlet poles
4 OptiLine outlet posts
5 OptiLine floor outlet boxes
6 OptiLine furniture boxes
7 Canalis busbar trunking
8 Canalis busbar trunking
9 Performa mesh trays
10 KNX bulding automation
11 Wireless system
12 Multi9 final distribution board
13 Emergency lighting
14 KNX movement detector
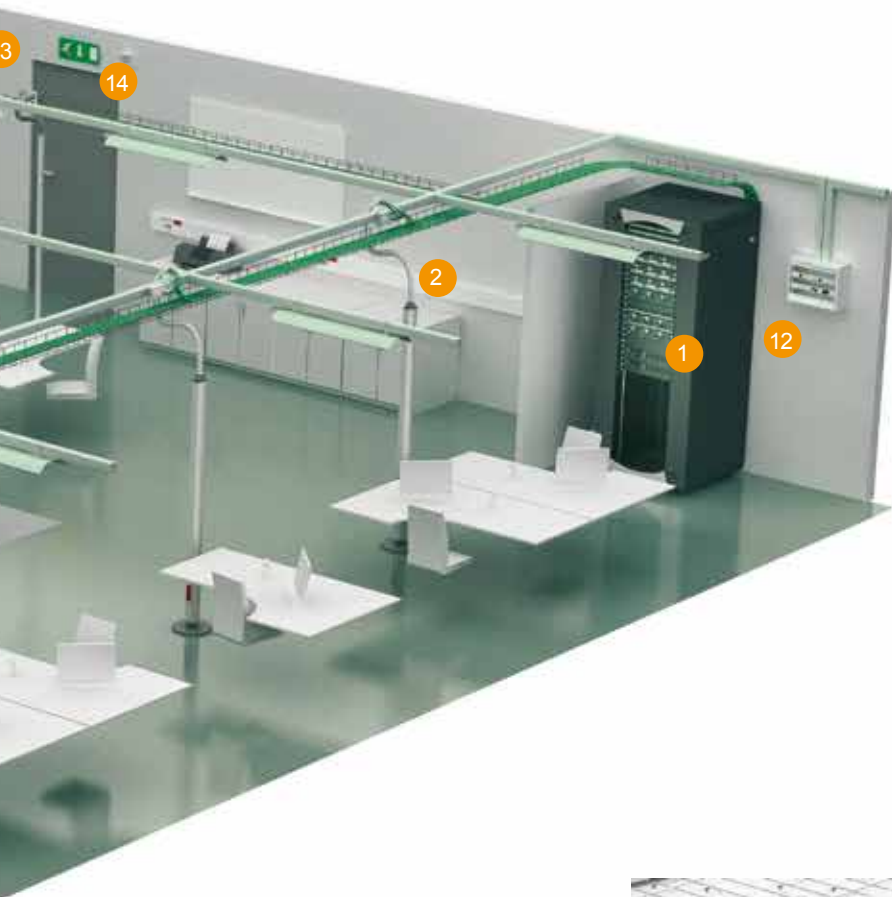
Security on a global level

Schneider Electric is the global specialist in energy handling. We can offer integrated solutions to make energy safer and more reliable, effective and productive in the building, industrial and residential market segments as well as for energy and infrastructure.
We can be found in more than 100 countries, helping individuals, companies and organizations to make the most of their energy.
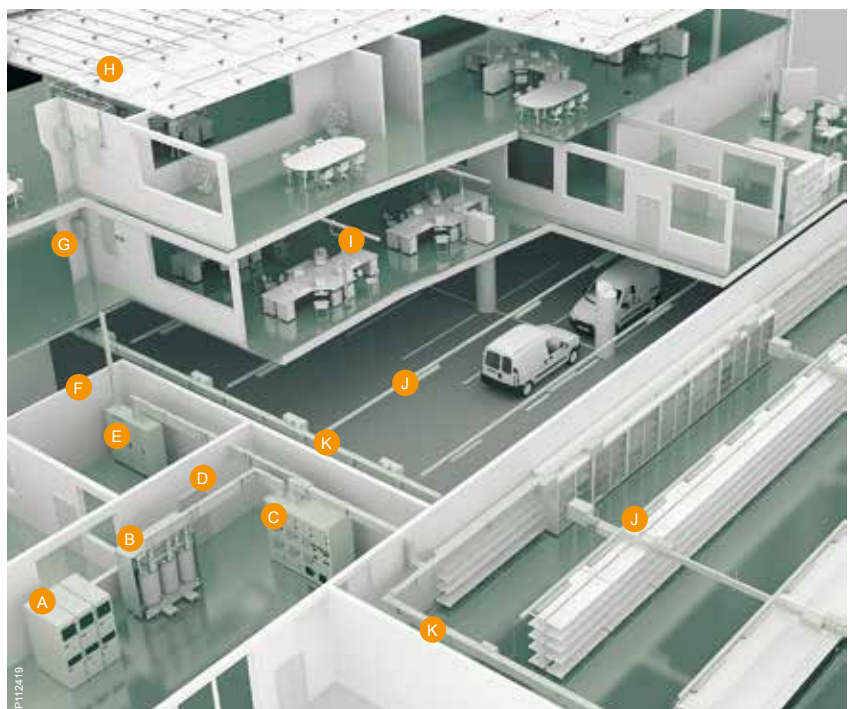
- **A** Delta H200 12 kV switchboard
- **B** Trihal MV/LV transformer
- **C** Okken motor control centre
- **D** Canalis KTA busbar trunking 800–5000A
- **E** Prisma Plus distribution board
- **F** Canalis KS busbar trunking 100–1000A
- **G** Canalis tap-off units
- **H** Canalis flexible busbar trunking
- **I** Canalis KBA busbar trunking
- **J** Canalis KBA busbar trunking
- **K** Canalis KN busbar trunking 40–160A

Reference number overview

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