

Thorsman F80 Installation System

# Spacious solutions with room for innovation

Product catalogue 2026



Life Is On

**Schneider**  
Electric



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# The choice of experienced professionals



With more than 40 years' experience, some 600 million metres of produced trunking, almost 2,000 products in the range, Thorsman F80 has become the preferred choice among generations of professionals. Over the years, Thorsman F80 installation system\* has been developed in close cooperation with installers, and their input is highly regarded for continuous updates, additions and adjustments. Today, Thorsman F80 installation system is environmentally optimised, totally integrated, and versatile enough to manage all the challenges of the installer's work day. Job satisfaction is granted by a number of advantages – from the impressive space for large amounts of cables to the tool-less quick-connect technology.

\*F80 is the common 80-mm front opening size of the entire Thorsman Installation System.

# Line-up of the versatile Thorsman core team

One prominent benefit with the Thorsman F80 installation system is that it is in stock at most suppliers. This means that it is just as easy to update and complement the system, as it is to install and use. In other words, even greater advantages for the specifier, electrician, building owner and tenant. Included in the system are trunking, poles, posts, and floor boxes, all with the same exquisite quality and design.



## Trunking

Horizontally or vertically, at any height – install the trunking the way it suits you. Choose between aluminium, halogen-free plastic, PVC or steel.

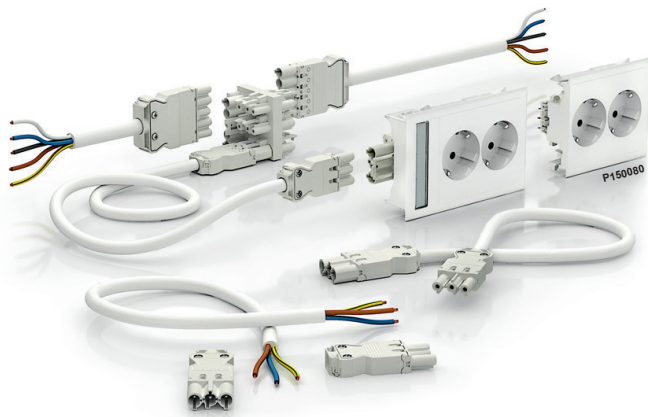
## Poles

Providing excellent flexibility for the end-user, the poles supply power and network access close at hand.



## Floor boxes

Robust and easy-to-mount, plastic or stainless steel. Let the floor boxes blend with the room interior by letting the lid match the floor material.



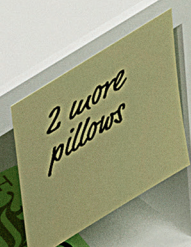
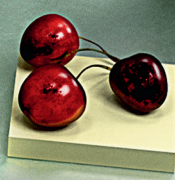
## Posts

Stable and efficient, the posts provide easy, flexible access when power and data are fed on or from underneath the floor.



## Quick-couplings

Available in different versions, the quick-couplings all offer smart and fast ways of installing.



621

622

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SAYO

P180085

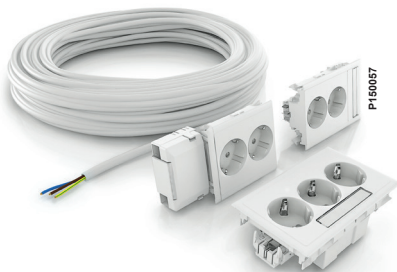
# Thorsman Versatile and powerful, from the inside out

Thorsman trunking is a well-proven and highly respected product system. As an example of the renowned Thorsman quality, the TEK-123 trunking alone has sold 3 million metres over the past 10 years. With the versatile F80 range, making robust, high-capacity installations in a cost- and time-efficient way is pure pleasure.



## Quick couplings

Make the installation without time-consuming factors like cable stripping and coupling. Get twice as much done and dismount just as easily.



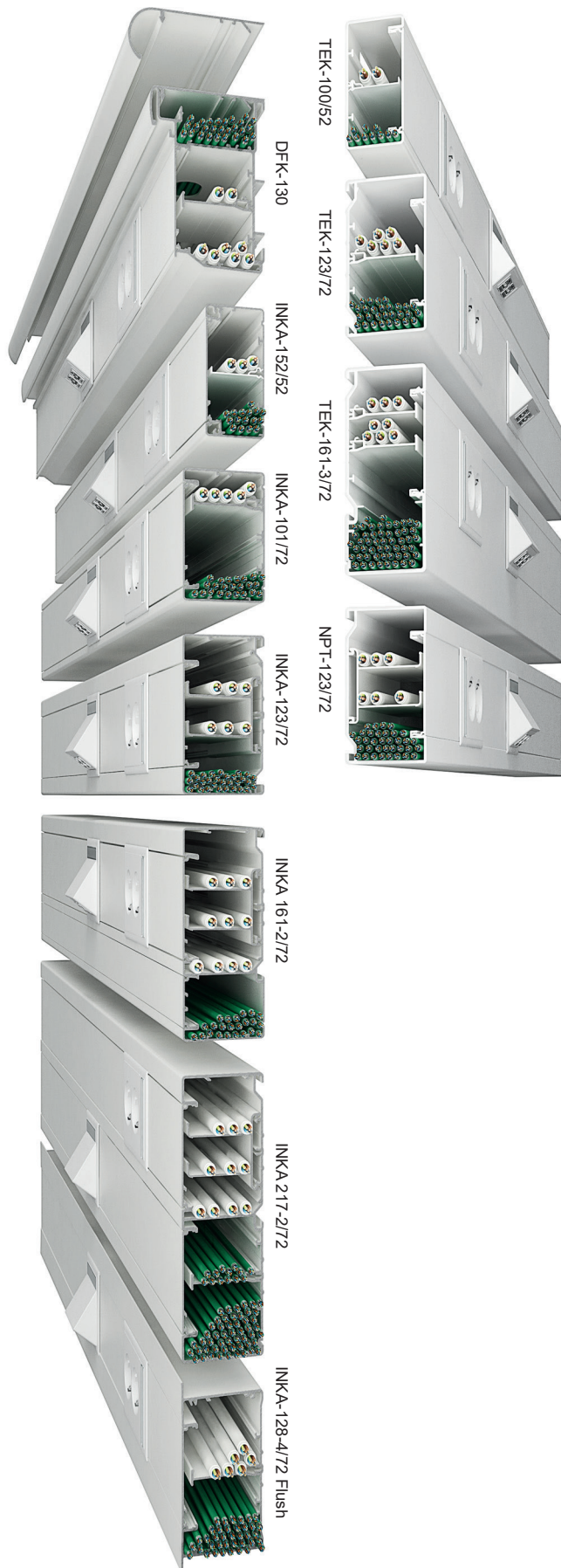
## Traditional Push-in/screw

The exact conditions can be difficult to predict. Thorsman trunking is just as friendly when working with traditional cable by the meter.



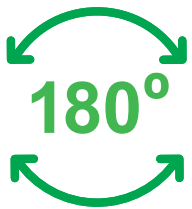
## Add from the c/c 60 world

The F80 design lets you install c/c 60 wiring devices in trunking, poles and post – always with great result.





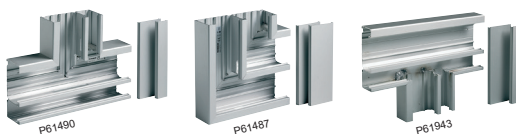
# Thorsman trunking – be innovative on site



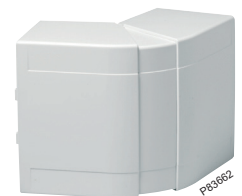
**Symmetric**  
Several types of the trunkings are symmetric and 180° turnable, enabling a correct installation at all times.



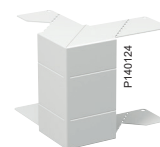
**Ready to use**  
There are complete, ready-to-use kits for corners, T- and L-pieces. No cutting is needed, thanks to special front pieces. Just snap and go.



The Thorsman 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**  
The system provides robust quality in every detail. The universal corner fits both internal and external corners.



**Adjustable corners**  
The adjustable inner corner pieces suit angles between 90 and 135°, whereas the outer corners fit angles 80-135°. IP40 when mounted directly onto the wall.





**Customer Care Center**

Whether you need help to select the right product, want to know the price, where to buy or just need professional technical support, we are there for you. Our Customer Care Centers are present in a large number of countries. Go to [schneider-electric.com](http://schneider-electric.com) to find your closest center.



**Window-sill trunking**

Aesthetic trunking that blends with any office interior. For mounting at mid-wall or window-sill level, with integrated ventilation ribs for efficient air flow.



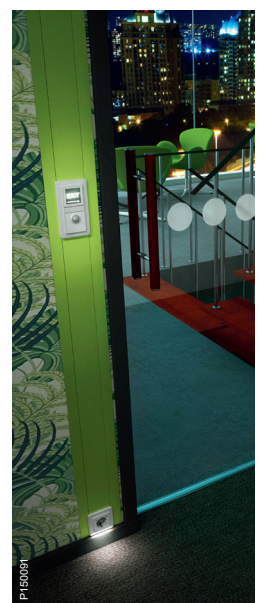
Adjustable bracket with separate ventilation rib holder.



Adjustable bracket. Holder for ventilation rib ordered separately.



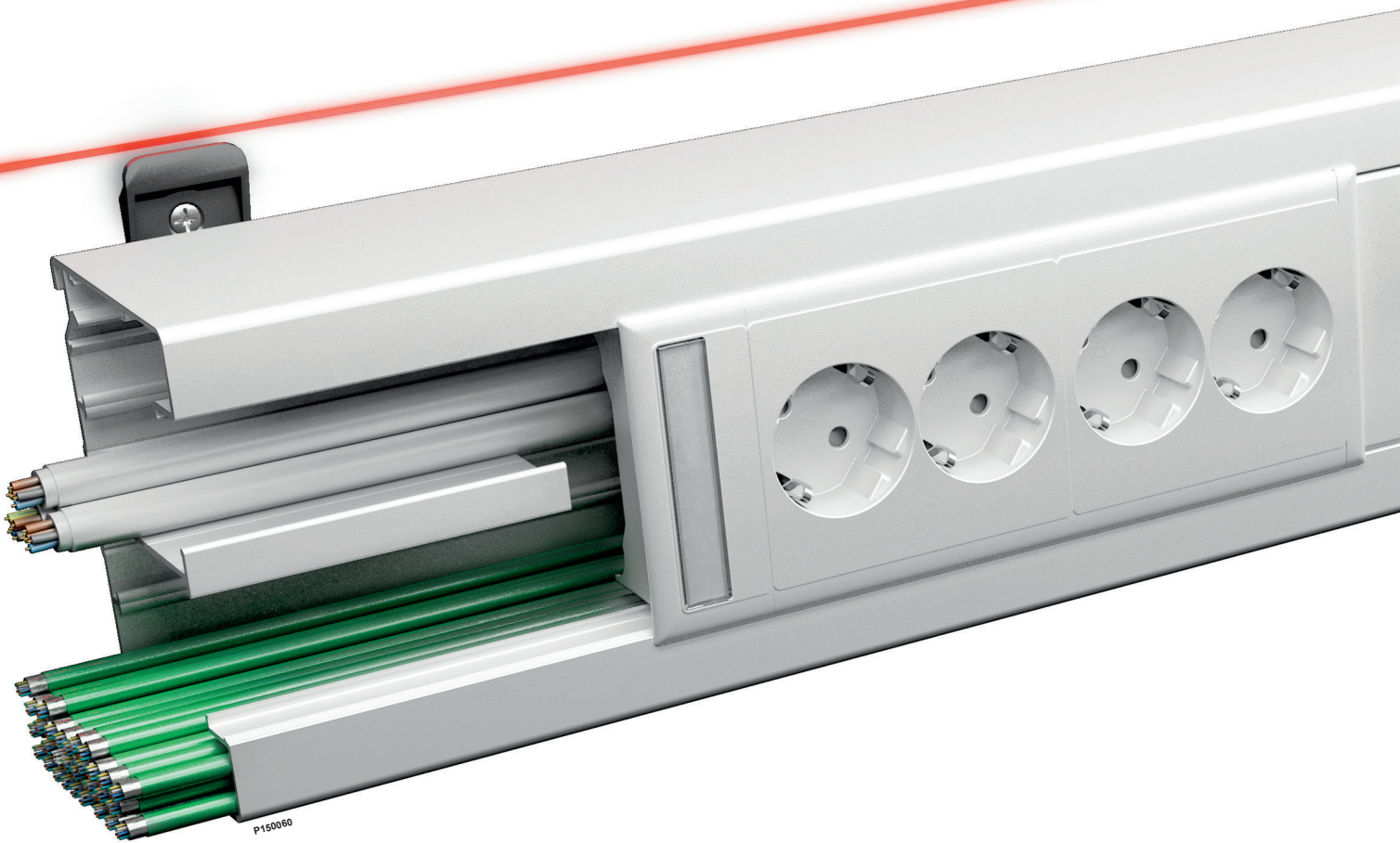
Bracket with smooth top surface and separate ventilation rib holder.



**Optional colour**

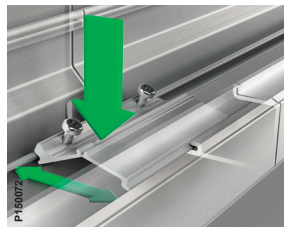
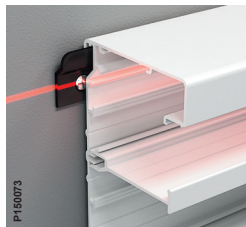
White and anodized aluminium are the most common colours, but in some designs any colour can be ordered on request.





# The building blocks of an ingenious trunking system

The well-proven Thorsman trunking range presents a wide range of solutions, allowing safe and easy compatibility with current as well as future systems. The appealing look is kept intact, thanks to the F80 design enabling room to mount c/c 60 wiring devices.



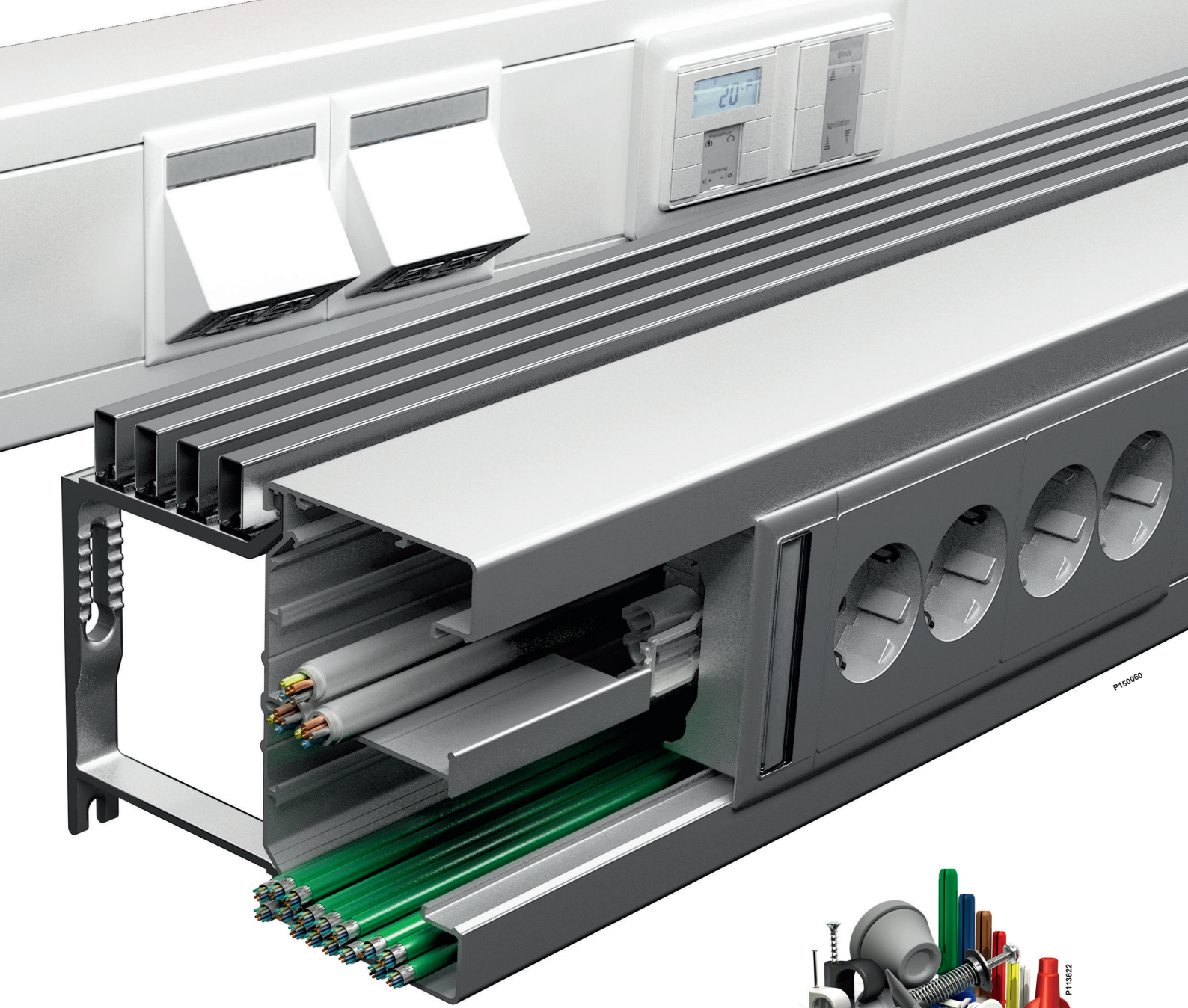
**One-man show**  
After fastening the mounting spacers, perfectly aligned horizontally and max 1000 mm apart, just assemble the trunking – an operation easily carried out by one installer only.

**Easy jointing**  
Easy-to-apply jointing pieces for trunking, corners and L-pieces. Includes two earthing screws.



**High capacity**  
By using separate compartments or cable shelves cables for power, low voltage, tele and data can be managed in the same trunking.





**Instruction manuals**  
All types of trunking are delivered with easy-to-use manuals and clear instructions of how to make the most of the systems and accessories.



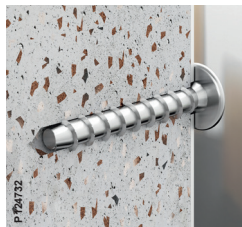
**Sound absorption**  
When feeding the trunking through a wall, make sure to add sound absorption strips for optimal sound-proofing.



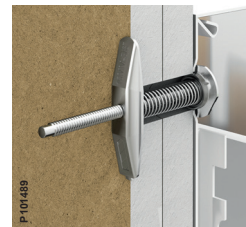
**Easy operation**  
Using a simple and smart front opening tool, you can easily open up the trunking to make adjustments and additions.



**Professional fixing material**  
Our fixing material has been created for professionals, by professionals. The range includes everything needed for secure fixing in all wall materials.



**Concrete screw**  
Strong and sturdy screw in electro-plated steel. Various dimensions for concrete and solid brick material.

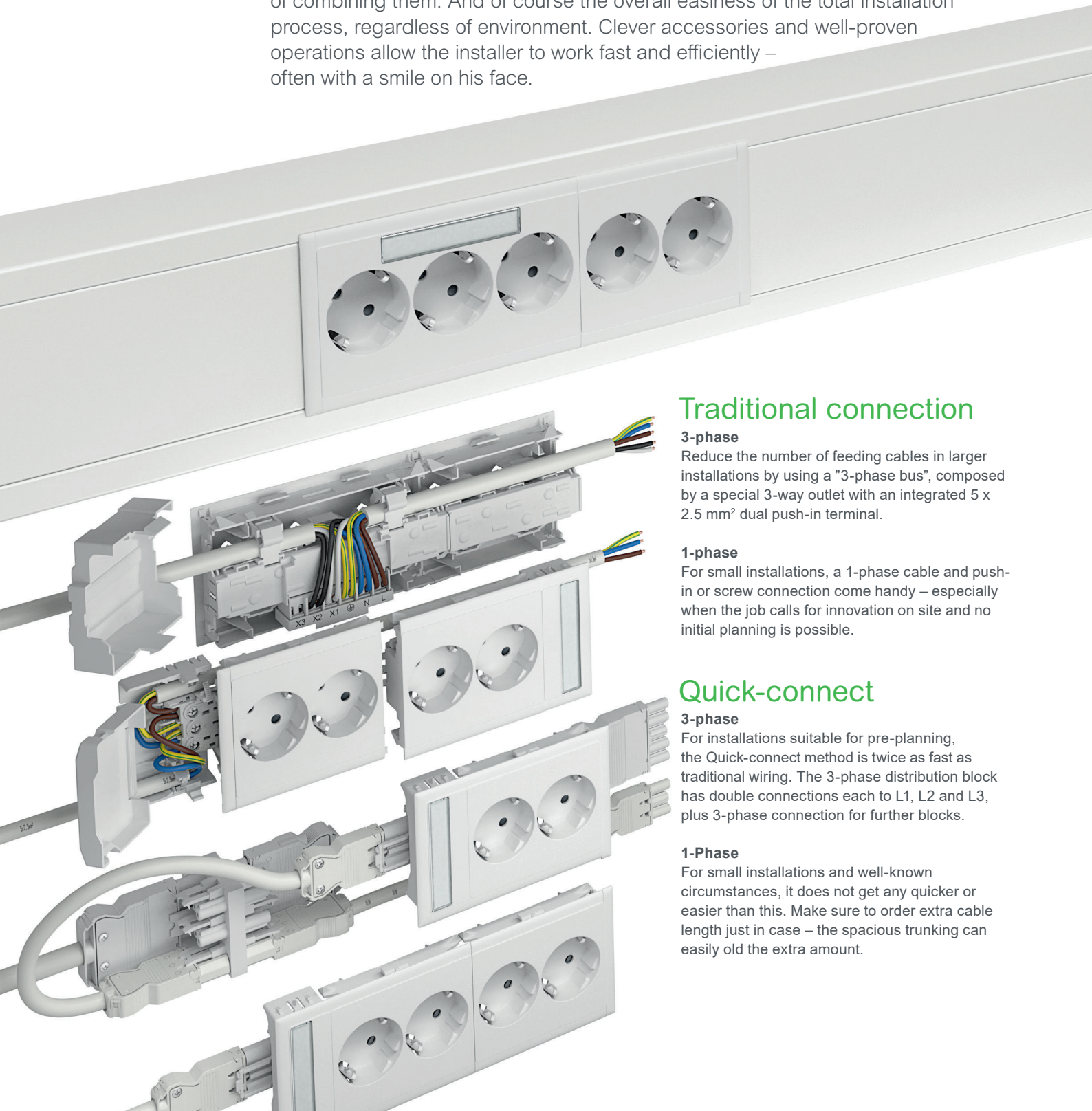


**Cavity fixing**  
Screw complete with toggle and collar, for secure fastening in board walls 10-26 mm.



# Choose the perfect method for every installation

What characterises a truly smart and integrated trunking system? We believe it is the attention to detail, the range of components, and the simplicity of combining them. And of course the overall easiness of the total installation process, regardless of environment. Clever accessories and well-proven operations allow the installer to work fast and efficiently – often with a smile on his face.



## Traditional connection

### 3-phase

Reduce the number of feeding cables in larger installations by using a "3-phase bus", composed by a special 3-way outlet with an integrated 5 x 2.5 mm<sup>2</sup> dual push-in terminal.

### 1-phase

For small installations, a 1-phase cable and push-in or screw connection come handy – especially when the job calls for innovation on site and no initial planning is possible.

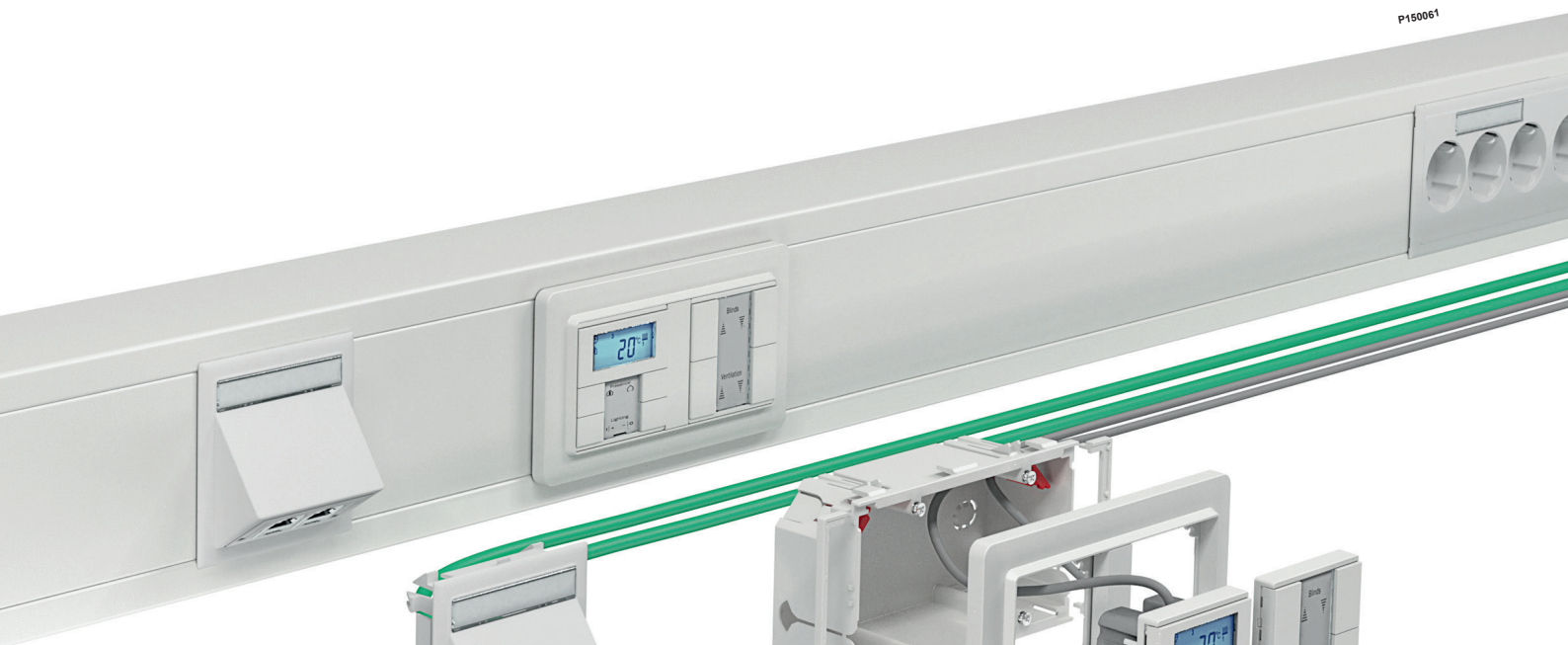
## Quick-connect

### 3-phase

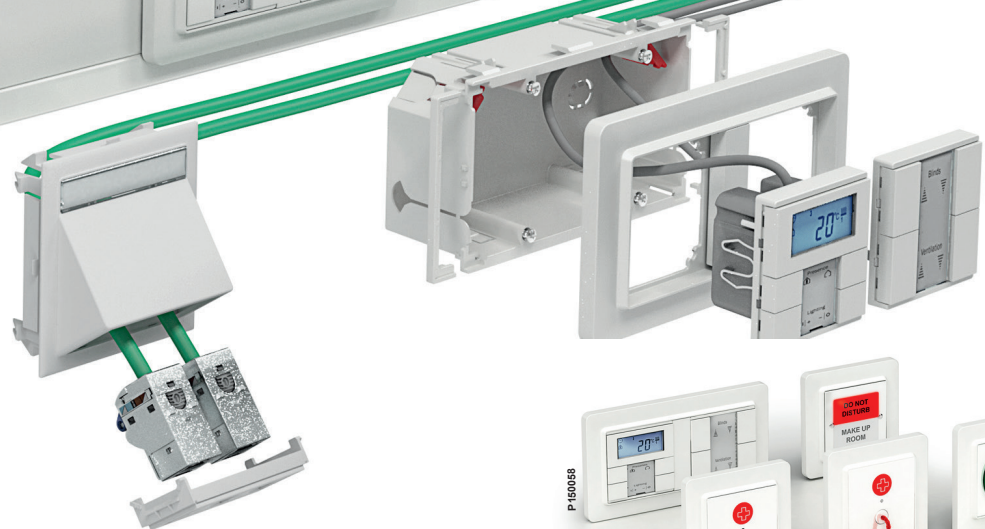
For installations suitable for pre-planning, the Quick-connect method is twice as fast as traditional wiring. The 3-phase distribution block has double connections each to L1, L2 and L3, plus 3-phase connection for further blocks.

### 1-Phase

For small installations and well-known circumstances, it does not get any quicker or easier than this. Make sure to order extra cable length just in case – the spacious trunking can easily hold the extra amount.



**Clear marking**  
The window allows easy identification of the device. Just loosen and snap back when updating is necessary.



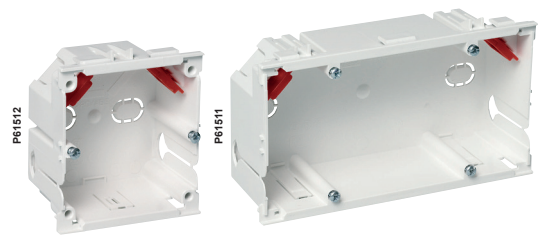
**Less planning**  
With the push-in/screw connector you can work the way you are used to, using cable by the meter. Just grab a cable roll and a box of connectors and you're ready to go. The connector has room for both incoming and outgoing cables, which means you can connect more groups on each phase.

**Cat 6a-friendly**  
Today's shielded Cat 6a network cables are quite stiff and require large bend radius to maintain transmission capacity. The 72-mm depth of the trunking along with the angled CYB outlet vouch for perfect Cat 6a handling.

**Work even faster**  
CYB-PS quick connect devices fits all types of F80 trunking and allow easy installation of 2- or 3-way outlets. Just push in and add the end piece to lock the outlets in position. No extra cabling, no tools – fast and easy.

**The MIB boxes**  
To make the Thorsman Installation System complete, you must be able to find quick, versatile solutions. The MIB box has smart fittings, inlets and cable reliefs, allowing you to install any type of c/c 60 device.

**Add functions from the c/c 60 world**  
Specific environments demand special properties of alarms, building control devices, etc. This is never an issue, as any c/c 60 device fits in the trunking.



**CYB dedicated wiring device**  
With sleek look and smooth feel, all dedicated CYB functions and designs provide excellent properties for environments with high demands on flawless hygiene, such as hospitals and laboratories.



# INKA aluminium trunking

## Evolved from 40 years of installer feedback

Featuring advantages like great cable capacity, shielding opportunities, open customised design, and the largest number of options of all our trunking types, INKA is a class act in aluminium trunking. The elegant finish of anodized aluminium is revealed once the protective film has been peeled off.



### Freedom of choice

On special order, the INKA aluminium trunking can be delivered powder-coated in any colour. Just state the RAL or NCS code. Standard lengths are 2.5 metres. However, any length of up to 6 metres can be delivered in any colour on request.



### Cable capacity

The INKA trunking offers impressive space. Thanks to the separating shelves, cables for power, low voltage, tele and data can be placed in different compartments of the same trunking.

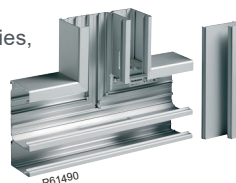


### Aluminium stop end

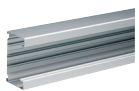





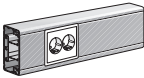
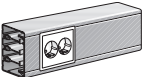
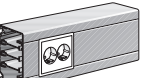
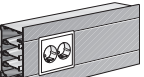
To be mounted on the end of the trunking. For extra fixation, combine with the extra end piece bracket.

### There is always a right type of INKA

When it comes to performance and flexibility, few alternatives beat INKA. With heights ranging from 100 to 217 mm, outstanding cable capacity, and a large number of accessories, INKA is our most customisable type of trunking.


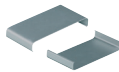
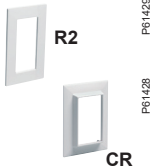





### Product Range, type INKA


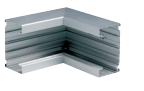
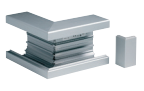

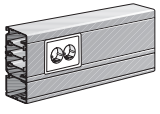
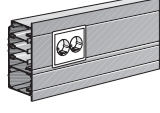
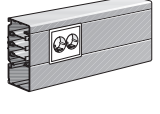
In the matrix: Type Art. No. Material/Finish	 P61397	 P61884	 P61439 P63661	 P61433 P63662 TTI-IH IH	 P61391 TTI-YH YH	 P61437	
INKA-	Trunking base	Front cover	Internal corner	External corner	Bend, 90°	T-piece	
<b>152/52</b> 	<b>INKA-U152</b> 5519080 AN 5519084 AW	<b>FCA-F80</b> 5580080 AN 5580089 AO 5580060 WN 5580069 WR 5580088 AW	<b>INKA-IH152</b> 5575250 AN 5575254 AO  <b>Adjustable TTI-IH100</b> 5589150 WR	<b>INKA-LSU152</b> 5575260 AN 5575262 AO	<b>INKA-LSU152</b> 5575270 AN ↑	<b>INKA-TSU152</b> 5575280 AN ↑ 5575284 AW	
<b>101/72</b> 	<b>INKA-U101</b> 5504000 AN 5504003 AW	<b>FCA-F80</b> 5580080 AN 5580089 AO 5580060 WN 5580069 WR 5580088 AW	<b>INKA-IH101</b> 5504103 AW				
<b>123/72</b> 	<b>INKA-U123</b> 5507000 AN 5507002 AO 5507003 AW	<b>FCA-F80</b> 5580080 AN 5580089 AO 5580060 WN 5580069 WR 5580088 AW	<b>INKA-IH123</b> 5507100 AN 5507102 AO 5507103 AW  <b>Adjustable TTI-IH123</b> 5589170 WR	<b>INKA-YH123</b> 5507110 AN 5507113 AW  <b>Adjustable TTI-YH123</b> 5589520 WR	<b>INKA-LS123</b> 5507120 AN 5507123 AW	<b>INKA-TS123</b> 5507143 AW	
<b>123-4/72</b> 	<b>INKA-U123-4</b> 5506310 AN 5506318 AW	<b>FCA-F80</b> 5580080 AN 5580089 AO 5580060 WN 5580069 WR 5580088 AW	<b>INKA-IH123-4</b> 5506610 AN 5506612 AO				

AN= Aluminium, Natural anodized  
 AO= Aluminium, Optional powder coated  
 WN= Aluminium, White powder coated  
 AW= White RAL 9016  
 WR= White RAL  
 GR= Grey

← = Left hand  
 → = Right hand  
 ↑ = Up, riser  
 ↓ = Down, dropper

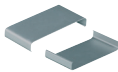


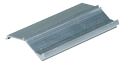
	 P81606	 P81738	 P81429 P81428 R2 CR	 P81404 P81405 KH252 KH72	 P81836 P81514 KL52 KHK	 P81752
	Stop end	Joint cover	Wall collar	Cable shelf	Cable clip	Joining piece
	<b>INKA-ES152</b> 5591050 GR 5591054 AW	<b>TTI-US100</b> 5590000 AN 5590002 AW	<b>TTI-CR100</b> 5594511 WN	<b>TTI-KH42</b> 5590310  <b>TTI-KH252</b> 5590322	<b>TTI-KL52</b> 5590346	<b>INKA-SSA</b> 5590112
	<b>INKA-ES101</b> 5504173 AW  <b>INKA-ES101</b> 5504160 WN 5504161 GR	<b>TTI-US101</b> 5590030 AN		<b>TTI-KH72</b> 5590312 5590314  <b>TTI-KH272</b> 5590319	<b>TTI-KHK</b> 5590340	<b>INKA-SSA</b> 5590112
	<b>INKA-ES123</b> 5507170 GR 5507172 AO 5507173 AW  <b>INKA-ES123</b> 5507160 WN 5507161 GR	<b>TTI-US123</b> 5590035 AN 5590036 AW	<b>TTI-CR 123</b> 5594576 WN  <b>TTI-R2, R3</b> 5590740 WN	<b>TTI-KH72</b> 5590312 5590314  <b>TTI-KH272</b> 5590319	<b>TTI-KHK</b> 5590340	<b>INKA-SSA</b> 5590112
	<b>INKA-ESV123-4</b> 5590204 WN ← <b>INKA-ESH123-4</b> 5590209 AW →			<b>TTI-KH72</b> 5590312 5590314  <b>TTI-KH272</b> 5590319	<b>TTI-KHK</b> 5590340	<b>INKA-SSA</b> 5590112

### Product Range, type INKA



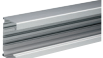

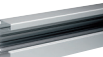

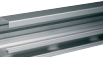
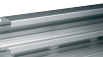

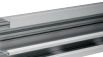
In the matrix: Type Art. No. Material/Finish	 P61444	 P61884	 P61883	 P61439 IH	 P61433 YH	 P61391
INKA-	Trunking base	Front cover	Front cover	Internal corner	External corner	Bend, 90°
<b>161-2/72</b>  L38920	<b>INKA-U161-2</b> 5510010 AN 5510012 AO	<b>FCA-F80</b> 5580080 AN 5580089 AO 5580088 AW 5580060 WN 5580069 WR	<b>FCA-F40</b> 5580030 AN 5580039 AO 5580038 AW	<b>INKA-IH161-2</b> 5510200 AN 5510203 AW	<b>INKA-YH161-2</b> 5510210 AN 5510213 AW	<b>INKA-LSU161-2</b> 5510220 AN ↑ 5510223 AW ↑  <b>INKA-LSN161-2</b> 5510230 AN ↓
<b>161-2F/72</b>  L38930	<b>INKA-U161-2F</b> 5512410 AN 5512418 AW	<b>FCA-F80</b> 5580080 AN 5580089 AO 5580088 AW 5580060 WN 5580069 WR	<b>FCA-F40</b> 5580030 AN 5580039 AO 5580038 AW			
<b>161-3/72</b>  L47890	<b>INKA-U161-3</b> 5510020 AN 5510023 AW	<b>FCA-F80</b> 5580080 AN 5580089 AO 5580088 AW 5580060 WN 5580069 WR				
<b>217-2/72</b>  L38940	<b>INKA-U217-2</b> 5514000 AN 5514003 AW	<b>FCA-F80</b> 5580080 AN 5580089 AO 5580088 AW 5580060 WN 5580069 WR		<b>INKA-IH217-2</b> 5514100 AN	<b>INKA-YH217-2</b> 5514110 AN	

AN= Aluminium, Natural anodized  
 AO= Aluminium, Optional powder coated  
 AW= Aluminium, White powder coated  
 AW= White RAL 9016  
 WR= White RAL 9010  
 GR= Grey

← = Left hand  
 → = Right hand  
 ↑ = Up, riser  
 ↓ = Down, dropper

 <small>P81508</small>	 <small>P81738</small>	 <small>P81428</small> <small>P81429</small>	 <small>P81404</small> <small>P81405</small>	 <small>P81036</small> <small>P81514</small>	 <small>P81752</small>
Stop end	Joint cover	Wall collar	Cable shelf	Cable clip	Joining piece
<b>INKA-ES161</b> 5510170 AN  <b>INKA-ES161</b> 5510160 WN	<b>TTI-US161-2</b> 5590068 AW	<b>TTI-R2 161</b> 5590760 WN  <b>TTI-CR 161</b> 5594616 WN	<b>TTI-KH72</b> 5590312 5590314  <b>TTI-KH272</b> 5590319	<b>TTI-KHK</b> 5590340	<b>INKA-SSA</b> 5590112
<b>INKA-ESV161-2</b> 5590260 AN ← 5590264 AW ←  <b>INKA-ESH161-2F</b> 5590269 AW →			<b>TTI-KH72</b> 5590312 5590314  <b>TTI-KH272</b> 5590319	<b>TTI-KHK</b> 5590340	<b>INKA-SSA</b> 5590112
<b>INKA-ES161</b> 5510170 AN  <b>INKA-ES161</b> 5510160 WN	<b>TTI-US161-3</b> 5590070 AN 5590073 AO 5590075 AW	<b>TTI-R2 161</b> 5590760 WN  <b>TTI-CR 161</b> 5594616 WN	<b>TTI-KH72</b> 5590312 5590314  <b>TTI-KH272</b> 5590319	<b>TTI-KHK</b> 5590340	<b>INKA-SSA</b> 5590112
<b>INKA-ES217-2</b> 5514170 AN 5514173 AW  <b>INKA-ES217</b> 5514161 GR	<b>TTI-US217-2</b> 5590090 AN 5590093 AW	<b>INKA-R2 217-2</b> 5590770 WN	<b>TTI-KH72</b> 5590312 5590314  <b>TTI-KH272</b> 5590319	<b>TTI-KHK</b> 5590340	<b>INKA-SSA</b> 5590112

## Trunking base





Type	Colour	Dimensions A/B/C (mm)		Qty per package	EAN code	Ref. No.		
<b>Trunking base, one compartment</b>								
Trunking base for wall surface mounting or on brackets. Can be divided into compartments by cable shelves. To be used together with a front cover. Intended mainly for installation at mid-wall (window-sill) or skirting level. Material: Aluminium.								
P61399		INKA-U101	Natural	101/72/2500	4	7315885504004	<b>5504000</b>	
			White RAL 9016			7315880036210	<b>5504003</b>	
P61397		INKA-U123	Natural	123/72/2500	4	7315885507005	<b>5507000</b>	
			Optional				7315880036456	<b>5507002</b>
P61398		INKA-U152	Natural	100/52/2500	4	7315885519084	<b>5519080</b>	
			White RAL 9016				7315880048831	<b>5519084</b>
P61445		INKA-U161-3	Natural	161/72/2500	4	7315885510029	<b>5510020</b>	
			White RAL 9016				7315880036715	<b>5510023</b>
Same as above but in optional length, unit metre. Material: Aluminium.								
P61398		INKA-U152	Natural	100/52/ Optional	—	7315885598126	<b>5598120</b>	
<b>Trunking base, two compartments</b>								
Trunking base for wall surface mounting or on brackets. Divided into an upper and a lower compartment by an integrated partition wall, which is pre-punched every 200 mm. Can be divided into further compartments by cable shelves. To be used with 80 mm front cover. Intended mainly for installation at mid-wall (window-sill) or skirting level. Material: Aluminium.								
P61403		INKA-U161-2	Natural	161/72/2500	4	7315885510012	<b>5510010</b>	
			Optional				7315880036678	<b>5510012</b>
			White RAL 9016				7315880036685	<b>5510013</b>
P61402		INKA-U217-2	Natural	217/72/2500	2	7315885514003	<b>5514000</b>	
			White RAL 9016			7315880037323	<b>5514003</b>	
<b>Trunking base with flange, one compartment</b>								
Trunking base with flange for mounting flush with the wall. Can be divided into further compartments by cable shelves. Also suitable for use as feeder trunking. Material: Aluminium.								
P61401		INKA-U123-4	Natural	123/72/2500	4	7315885506312	<b>5506310</b>	
			White RAL 9016			7315880005759	<b>5506318</b>	
<b>Trunking base with flange, two compartments</b>								
Trunking base with flange for mounting flush with the wall. Divided into an upper and a lower compartment by an integrated partition wall, which is pre-punched every 200 mm. Can be divided into further compartments by cable shelves. Also suitable for use as feeder trunking. Material: Aluminium.								
P61400		INKA-U161-2F	Natural	161/72/2500	4	7315885512412	<b>5512410</b>	
			White RAL 9016			7315880005865	<b>5512418</b>	

## Corner sections




Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
<b>Internal corner</b>					
Internal corner with 80 mm front opening. Can be divided into compartments by cable shelves. To be used together with front cover. Material: Aluminium.					
INKA-IH101	White RAL 9016	100/200/200*	1	7315880036241	<b>5504103</b>
INKA-IH123	Natural	123/200/200*	1	7315885507104	<b>5507100</b>
	Optional White RAL 9016			7315880036487	<b>5507102</b>
INKA-IH123-4	Natural	145/200/200*	1	7315880036494	<b>5507103</b>
	White RAL 9016			7315885506619	<b>5506610</b>
INKA-IH152	Natural	100/200/200*	1	7315880061298	<b>5506614</b>
	White RAL 9016			7315885575257	<b>5575250</b>
INKA-IH152	White RAL 9016	100/200/200*	1	7315880050049	<b>5575254</b>
	Natural			7315885575257	<b>5575250</b>
Internal corner with 80 and 40 mm front openings. Divided into an upper and a lower compartment by an integrated partition wall. Can be divided into further compartments by cable shelves. To be used together with front cover. Material: Aluminium.					
INKA-IH161-2	Natural White RAL 9016	161/200/200*	1	7315885510203 7315880036876	<b>5510200</b> <b>5510203</b>
INKA-IH217-2	Natural	217/200/200*	1	7315885514102	<b>5514100</b>
<b>Internal corner, adjustable, type TTI</b>					
Open internal corner that covers the opening between two trunking lengths installed in an angle to one another. The corner section is made up by two parts which can be moved against one another to create the required angle. Angle adjustment 90–135°. Degree of protection: IP40, provided that the trunking system is mounted direct on the wall. For TTI-IH123, covering plate TTI-BP can be used to reach IP20 when the system is mounted on brackets. Material: PC/ABS.					
TTI-IH100	White RAL 9016	100/52/140	1	7315885589155	<b>5589150</b>
TTI-IH123	White RAL 9016	123/72/145	1	7315885589179	<b>5589170</b>
<b>External corner kit</b>					
External corner kit with 80 mm front opening, including front cover. Can be divided into compartments by cable shelves. Material: Aluminium.					
INKA-YH123	Natural	123/200/200*	1	7315885507111	<b>5507110</b>
	White RAL 9016			7315880036524	<b>5507113</b>
INKA-YH152	Natural	100/200/200*	1	7315885575264	<b>5575260</b>
	White RAL 9016			7315880050056	<b>5575264</b>

\* Wall-side measure.

## Corner sections

Type	Colour	Dimensions A/B/C (mm)		Qty per package	EAN code	Ref. No.
<b>External corner kit</b>						
External corner kit with 80 and 40 mm front openings, including front covers. Divided into an upper and a lower compartment by an integrated partition wall. Can be divided into further compartments by cable shelves. Material: Aluminium.						
PG1432 	INKA-YH161-2	Natural White RAL 9016	161/200/200*	1	7315885510210 7315880036906	<b>5510210</b> <b>5510213</b>
	PG1481 	INKA-YH217-2	Natural White RAL 9016	217/200/200*	1	7315885514119 7315880037385
<b>External corner, adjustable, type TTI</b>						
Open external corner that covers the opening between two trunking lengths installed in an angle to one another. The corner section is made up by two parts which can be moved against one another to create the required angle. Angle adjustment 85–135°. Degree of protection: IP40, provided that the trunking system is mounted direct on the wall. For TTY-IH123, covering plate TTI-BP can be used to reach IP20 when the system is mounted on brackets. Material: PC/ABS.						
PG3682 	TTI-YH123	White RAL 9016	123/72/145	1	7315885589520	<b>5589520</b>

## Bends

<b>Bend, 90°, kit</b>						
90° bend with 80 mm front opening. Kit including 225 mm front cover. Can be divided into compartments by cable shelves. Some sizes available as a riser or a dropper. Material: Aluminium.						
PG430 	INKA-LS123	Natural White RAL 9016	200/72/200	1	7315885507128 7315880036555	<b>5507120</b> <b>5507123</b>
	PG1391 	INKA-LSU152 Riser	Natural	200/52/200	1	7315885575271
90° bend with 80 and 40 mm front openings. Kit including 225 mm front cover. Divided into an upper and a lower compartment by an integrated partition wall. Can be divided into further compartments by cable shelves. Available as a riser or a dropper. Material: Aluminium.						
PG1390 	INKA-LSN161-2 Dropper	Natural	200/72/200	1	7315885510234	<b>5510230</b>
	INKA-LSU161-2 Riser	Natural White RAL 9016	200/72/200	1	7315885510227 7315880036937	<b>5510220</b> <b>5510223</b>

## Bends

Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
<b>T-piece, kit</b>					
T-piece with 80 mm front opening. Kit including 225 mm front cover. Can be divided into compartments by cable shelves. Some sizes available as a riser. Material: Aluminium.					
INKA-TS123	White RAL 9016	200/72/200	1	7315880036586	<b>5507143</b>
INKA-TSU152 Riser	Natural White RAL 9016	200/52/200	1	7315885575288 7315880050070	<b>5575280</b> <b>5575284</b>

## Stop ends

<b>Stop end</b>					
Stop end intended to cover the ends of the trunking base. Available as left-hand and right-hand type for INKA-123-4. Material: ABS or Aluminium, powder-coated or natural anodized.					
INKA-ES101 ABS	Grey White RAL 9016	103/33/75	1	7315880035107 7315885504165	<b>5504161</b> <b>5504160</b>
INKA-ES101 Aluminium	White RAL 9016	100/26/72	1	7315880044642	<b>5504173</b>
INKA-ES123 ABS	Grey White RAL 9016	123/-/75	1	7315880035114 7315885507166	<b>5507161</b> <b>5507160</b>
INKA-ES123 Aluminium	Optional Alu metallic White RAL 9016	123/27/72	1	7315880044666 7315885507173 7315880044673	<b>5507172</b> <b>5507170</b> <b>5507173</b>
INKA-ESH123-4 Aluminium, right	White RAL 9016	145/72	1	7315880061304	<b>5590209</b>
INKA-ESV123-4 Aluminium, left	White RAL 9016	145/72	1	7315885590205	<b>5590204</b>
INKA-ES152 Aluminium	Natural White RAL 9016	100/52/2	1	7315885591059 7315880051671	<b>5591050</b> <b>5591054</b>
INKA-ES161 ABS	White RAL 9016	165/75/-	1	7315885510166	<b>5510160</b>
INKA-ES161 Aluminium	Natural	161/72/28	1	7315885510173	<b>5510170</b>
INKA-ES217-2 ABS	Grey	220/-/75	1	7315880035138	<b>5514161</b>
INKA-ES217-2 Aluminium	Natural White RAL 9016	217/28/72	1	7315885514171 7315880044789	<b>5514170</b> <b>5514173</b>

## Stop ends

Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
<b>Stop end</b>					
Stop end intended to cover the ends of the trunking base. With flange for flush mounting. Material: Aluminium, powder-coated or natural anodized.					
INKA-ESV161-2F Left-hand	Natural	185/72/33	1	7315885590267	<b>5590260</b>
	White RAL 9016			7315880057369	<b>5590264</b>
INKA-ESH161-2F Right-hand	White RAL 9016	185/72/33	1	7315880057376	<b>5590269</b>

## Front covers type FCA

<b>Aluminium Front covers</b>					
Front cover for service carriers with 40 and 80 mm front opening respectively. Material: Aluminium, natural anodized or powder coated.					
FCA-F40	Natural anodized	40/13/2500	8	7315885580039	<b>5580030</b>
	White RAL 9016			7315880006817	<b>5580038</b>
	Optional			7315880006824	<b>5580039</b>
FCA-F80	Natural anodized	80/13/2500	8	7315885580084	<b>5580080</b>
	White RAL 9016			7315880006930	<b>5580088</b>
	Optional			7315880006947	<b>5580089</b>
<b>PVC Front covers</b>					
Front cover for service carriers with 80 mm front opening. Material: PVC.					
FCA-F80	White RAL 9016	80/13/2500	8	7315885580060	<b>5580060</b>
	White RAL 9010			7315880006909	<b>5580069</b>






## Wall brackets with accessories type TTA

<b>Adjustable wall brackets</b>					
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	Adjustable 50–70	121/67/50	10	7315885583573	<b>5583570</b>
TTA-TN70	Adjustable 70–110	121/67/70	10	7315880095118	<b>5583572</b>
TTA-TN110	Adjustable 110–170	121/67/110	10	7315880095125	<b>5583574</b>
TTA-TN160	Adjustable 160–260	180/67/160	10	7315880095132	<b>5583576</b>
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	Adjustable 30–60	77/30/28	10	7315885583603	<b>5583608</b>
<b>Fixed wall bracket</b>					
Fixed wall bracket for wall-mounting of trunking. Material: Aluminium, untreated.					
TTA-KV15	—	113/23/28	10	7315885583016	<b>5583010</b>
TTA-KV35	—	130/43/28	10	7315880010241	<b>5583014</b>

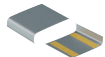





## Wall brackets with accessories type TTA

Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
<b>Fixed wall bracket with integrated rib holder</b>					
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	<b>5583016</b>
TTA-KV56-2	—	130/64/28	10	7315880010265	<b>5583018</b>
TTA-KV79-3	—	130/86/28	10	7315885583023	<b>5583020</b>
TTA-KV101-4	—	132/109/28	10	7315880010272	<b>5583022</b>
TTA-KV123-5	—	132/131/28	10	7315880010289	<b>5583024</b>
TTA-KV146-6	—	130/153/28	10	7315880010296	<b>5583026</b>
<b>Fixed wall bracket with loose rib holder</b>					
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	<b>5583034</b>
TTA-KV56	—	132/64/28	10	7315880029915	<b>5583036</b>
TTA-KV79	—	132/86/28	10	7315880029922	<b>5583038</b>
TTA-KV123	—	132/131/28	10	7315880029939	<b>5583042</b>
TTA-KV146	—	132/153/28	10	7315880029946	<b>5583044</b>
<b>Ventilation-rib holder</b>					
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	<b>5590453</b>
<b>Ventilation-rib holder, kit</b>					
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	1	7315880079873	<b>5590456</b>
<b>Ventilation rib</b>					
Ventilation rib to be used together with wall bracket for trunking and ventilation-rib holder. Material: Aluminium, natural anodized or powder coated.					
TTA-G10	White RAL 9010 Anodized White RAL 9016	20/10/2500	16	7315880031956 7315885590434 7315880011842	<b>5590424</b> <b>5590430</b> <b>5590431</b>
<b>Joining piece</b>					
Joining piece to be used for jointing of ventilation ribs. Material: Aluminium, untreated.					
TTA-GS10	—	13/10/100	8	7315885590441	<b>5590440</b>
<b>Washer</b>					
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	<b>5583408</b>
TTA-KM5	Grey	114/5/38	10	7315885583412	<b>5583410</b>

## Cable shelves type TTI

Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.	
<b>Single cable shelf</b>						
Single cable shelf to be used to divide the trunking into compartments, for the separation of cables. Material: PVC or aluminium, see below.						
P61423 	TTI-KH52	White PVC	10/46/500	50	7315885590311	<b>5590310</b>
	For 52 mm deep trunking					
P61405 	TTI-KH72	Anodized aluminium	12/62/500	50	7315880011576	<b>5590312</b>
	For 72 mm deep trunking					
<b>Double cable shelf</b>						
Double cable shelf to be used to divide the trunking into compartments, for the separation of cables. Material: PVC or PC/ABS, see below.						
P62067 	TTI-KH252	White PVC	58/46/500	20	7315885590328	<b>5590322</b>
	For 52 mm deep trunking					
P61404 	TTI-KH272	White PVC	64/59/500	20	7315880071341	<b>5590319</b>
	For 72 mm deep trunking					
	TTI-KH272C	White PC/ABS	64/59/500	20	7315880089377	<b>5590311</b>
For 72 mm deep trunking						
<b>Cable clip</b>						
Cable clip to be snap-fitted onto the cable shelf, used to retain the cables in their place. Material: PA (TTI-KL52), ABS (TTI-KHK).						
P61936 P61514 	TTI-KL52	Black	13/25/40	50	7315880011644	<b>5590346</b>
	For TTI-KH252					
	TTI-KHK	Brown	6/43/34	100	7315885590342	<b>5590340</b>
For TTI-KH72						

## Joint cover pieces type TTI

<b>Joint cover piece, kit</b>						
Joint cover kits including two or three joint cover pieces to cover joints between trunking sections. Material: Aluminium, untreated, anodized or powder coated.						
P61735 	TTI-US100	Natural	—/45/52	1 pair	7315885590007	<b>5590000</b>
	For 52 mm deep trunking					
P61747 	TTI-US101	Natural	—/45/72	1 pair	7315885590038	<b>5590030</b>
	For 72 mm deep trunking					
P61748 	TTI-US123	Natural	—/45/72	1 pair	7315880010982	<b>5590035</b>
	For 72 mm deep trunking					
P61740 	TTI-US161-2	White RAL 9016	—/45/72	1 pair	7315880011071	<b>5590068</b>
	For 72 mm deep trunking					
P61743 	TTI-US161-3	Natural	—/45/72	1 pair	7315885590076	<b>5590070</b>
	For 72 mm deep trunking					
	White RAL 9016 Optional					
P61744 	TTI-US217-2	Natural	—/45/72	1 pair	7315885590090	<b>5590090</b>
	For 72 mm deep trunking					
		White RAL 9016			7315880011118	<b>5590093</b>


## Wall frames/collars type INKA and TTI

Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
<b>Wall frame</b>					
Wall frame made up by two parts which are assembled and mounted on the trunking by means of two rubber mouldings. The frame has a flange against the trunking. To be used to cover a trunking passage through the wall or to make an attractive finish of the trunking against a wall. Material: ABS.					
TTI-CR100 For 100x52 mm trunking	White RAL 9016	170/25/120	1	7315885594517	<b>5594511</b>
TTI-CR123 For 123x72 mm trunking	White RAL 9016	193/25/140	1	7315880066637	<b>5594576</b>
TTI-CR161 For 161x72 mm trunking	White RAL 9016	231/25/140	1	7315880066644	<b>5594616</b>
<b>Wall collar INKA</b>					
Wall collar to be used to cover a trunking passage through the wall or to make an attractive finish of the trunking against a wall. Material: ABS.					
INKA-R2 For 217-2	White RAL 9016	284/8/142	1	7315885590779	<b>5590770</b>
<b>Wall collar TTI</b>					
Wall collar made up by two parts that are snapped together. To be used to cover a trunking passage through the wall or to make an attractive finish of the trunking against a wall. Material: ABS.					
TTI-R2 123 For 123	White RAL 9016	199/8/142	1	7315885590748	<b>5590740</b>
TTI-R2 161 For 161-2, 161-3	White RAL 9016	238/8/142	1	7315885590762	<b>5590760</b>

## Other accessories type INKA and TTI

<b>Joining pieces</b>					
Clamp for jointing and earthing of the trunking base. To be mounted in the jointing slot of the trunking. Material: Aluminium.					
INKA-SSA	Natural	8/32/60	20	7315880011200	<b>5590112</b>
INKA-SSJ Including screws	Natural	8/32/60	20	7315885590113	<b>5590110</b>
<b>Mounting washer</b>					
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. Suitable for INKA-123, 161-2, 161-3 and 217-2. Material: PA, injection moulded.					
TTI-MB	Black	5/15/19	100	7315885590182	<b>5590180</b>
<b>Cup washer</b>					
Cup washer to cover screw heads inside the trunking in order to protect single-insulated cables. Material: PE.					
TTI-KB	Black	Ø13	100	7315885590526	<b>5590520</b>

## Other accessories type INKA and TTI

Type	Colour	Dimensions A/B/C (mm)		Qty per package	EAN code	Ref. No.
<b>Earthing clamps</b>						
Earthing clamp for aluminium trunking and accessories. To be turned into the earthing slot of the trunking. Intended for an area of max. 4 mm <sup>2</sup> . Material: Steel, zinc coated.						
TTI-JB	—	18/12/22		10	7315885590502	<b>5590500</b>
<b>Earth wires</b>						
Earth wire including cable clip, to be used to bond the front cover to the trunking base. The cable clip has an extra connection for an additional cable clip. Material: Copper (conductor).						
TTI-JKE300	Yellow green	Length 300		10	7332418015530	<b>5590513</b>
<b>Sound insulation strips</b>						
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	<b>5590410</b>
TTI-T5070	Black	50/70/350		1	7315880011828	<b>5590414</b>

PR1887



PR3575



PR1537



# INKA aluminium trunking

## Technical description

### Technical data

Standards and certificates	The products comply with the standard EN50085-1 The products satisfy the provisions for CE marking according to the Low Voltage Directive 73/23/EEC and 93/68/EEC. The products comply with the RoHS directive 2002/95/EC (Restriction of Hazardous Substances)
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### Material data INKA

Material	Aluminium, SS:4104, DIN Al Mg Si 0,5, BS:H9
Surface treatment	Natural anodizing or powder coating
Colour spec.	<ul style="list-style-type: none"> <li>• White RAL 9010</li> <li>• White RAL 9016</li> <li>• Alu metallic</li> <li>• Optional acc. to customer choice (use the Ref. No. and add the desired RAL colour and gloss).</li> </ul>

### Material data FCA

Material	Extruded aluminium
Surface treatment	Natural anodizing or powder coating
Colour spec.	<ul style="list-style-type: none"> <li>• White RAL 9016</li> <li>• White RAL 9010</li> <li>• Optional acc. to customer choice (use the Ref. No. and add the desired RAL colour and gloss).</li> </ul>
Material	PVC (self-extinguishing, lead and cadmium-free)
Fire rating	UL 94 V0 (0.8 mm)
Colour spec.	<ul style="list-style-type: none"> <li>• White RAL 9010</li> <li>• White RAL 9016</li> </ul>

### Material data TTA

Material	Steel
Surface treatment	Galvanized
Colour spec.	Unpainted
Material	Aluminium SS 4104
Colour spec.	<ul style="list-style-type: none"> <li>• Unpainted</li> <li>• White RAL 9010</li> <li>• White RAL 9016</li> <li>• Optional acc. to customer choice (use the Ref. No. and add the desired RAL colour and gloss).</li> </ul>
Material	PC/ABS (polycarbonate/acrylonitrile-butadiene-styrene)
Colour	Grey
Material	PP (polypropylene)
Colour	Grey

### Material data TTI

Material	PC/ABS (polycarbonate/acrylonitrile-butadiene-styrene)
Fire rating	UL 94 V0
Impact resistance	2 J (medium acc. to EN 50085-1)
Colour spec.	<ul style="list-style-type: none"> <li>• White RAL 9010</li> <li>• White RAL 9016</li> <li>• Light grey (aluminium metallic)</li> </ul>
Material	ABS (acrylonitrile-butadiene-styrene)
Colour spec.	<ul style="list-style-type: none"> <li>• White RAL 9016</li> <li>• White RAL 9010</li> <li>• Brown NCS 8203-Y63R</li> </ul>

### Material data TTI, cont.

Material	PVC (self-extinguishing, lead and cadmium-free)
Colour	White, unspecified
Material	PE (polyethylene, halogen-free)
Fire rating	UL 94 HB
Chemical resistance	Resistant to lubricants, fuel, refrigerants, enamels and paints, detergents and degreasing agents. Not resistant to acids.
Colours	<ul style="list-style-type: none"> <li>• White</li> <li>• Black</li> </ul>
Material	PA (polyamide)
Fire rating	UL 94 V-0
Colour	Black
Material	Stainless steel SS
Linear expansion	$16.5 \times 10^{-6} / ^\circ\text{C}$
Material	Aluminium SS 4106
Surface treatment	Natural anodizing 5–10 µm or powder coating
Colour spec.	<ul style="list-style-type: none"> <li>• White RAL 9010</li> <li>• White RAL 9016</li> <li>• Optional acc. to customer choice (use the Ref. No. and add the desired RAL colour and gloss).</li> </ul>

### Operative data

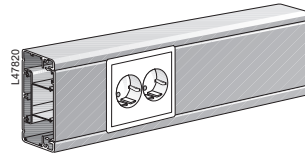
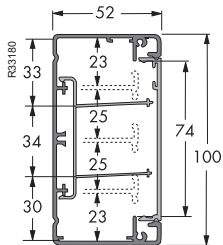
Temperature range	From $-20^\circ\text{C}$ to $+60^\circ\text{C}$
Suitable outdoors	No
Degree of protection	IP20

### Mounting instructions

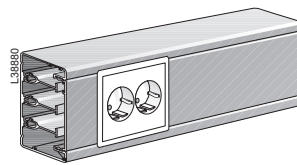
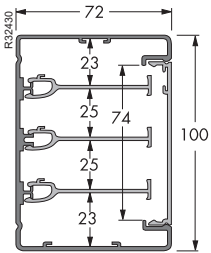
Art.No. 0055000 / 20041392	INKA-101, INKA-152
Art.No. 0055002 / 20041393	INKA-123, INKA-161-2 & -3, INKA-217-2
Art.No. 0055001 / 20041394	INKA-123-4, INKA-161-2F
Art.No. 0055117 / 20072390	TTA-KVS60A adjustable wall bracket
Art.No. 0075142 / 20045813	TTI-KH cable shelf
Art.No. 0075340 / 20041386	TTI-IH int. corner, adjustable
Art.No. 0075341 / 20041387	TTI-YH ext. corner, adjustable

Mounting instructions are always included with the length material (trunking INKA) or with the accessories (TTA, TTI).

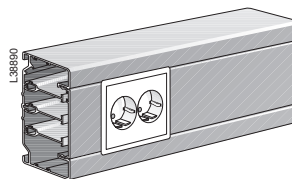
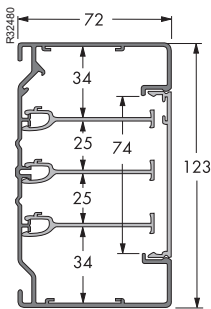
**INKA-152/52**  
For wall surface mounting.



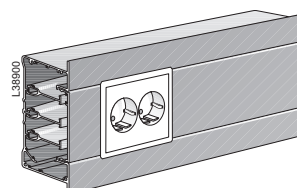
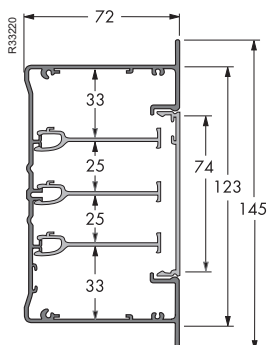
**INKA-101/72**  
For wall surface mounting.



**INKA-123/72**  
For wall surface mounting or on brackets.

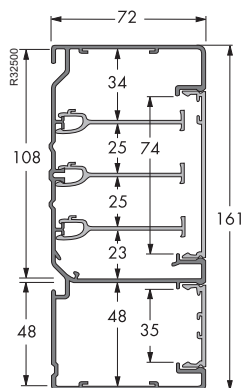


**INKA-123-4/72**  
For flush mounting.



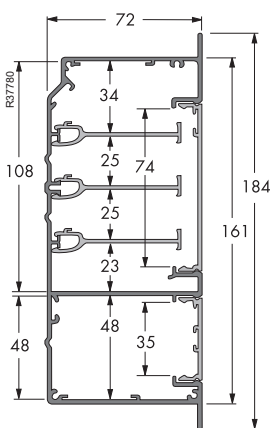
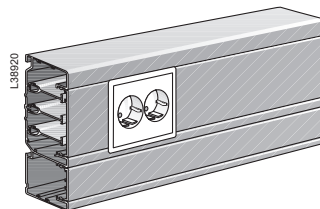
# INKA aluminium trunking

## Design and dimensions



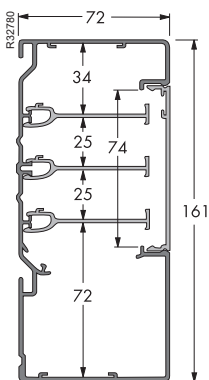
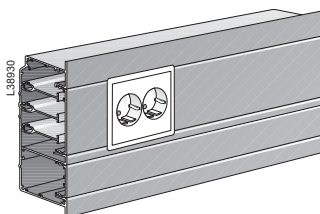
### INKA-161-2/72

For wall surface mounting or on brackets. Two screened compartments with separate front covers.



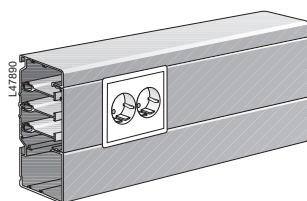
### INKA-161-2F/72

For flush mounting. Two screened compartments with separate front covers.



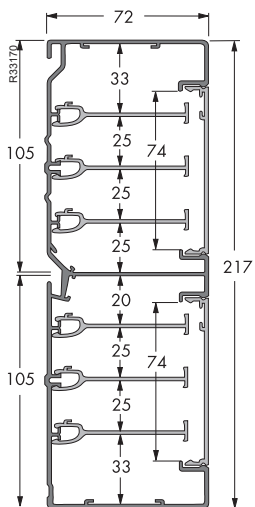
### INKA-161-3/72

For wall surface mounting or on brackets.



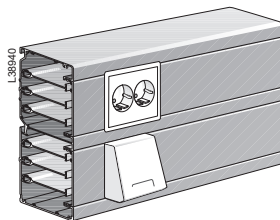
# INKA aluminium trunking

## Design and dimensions

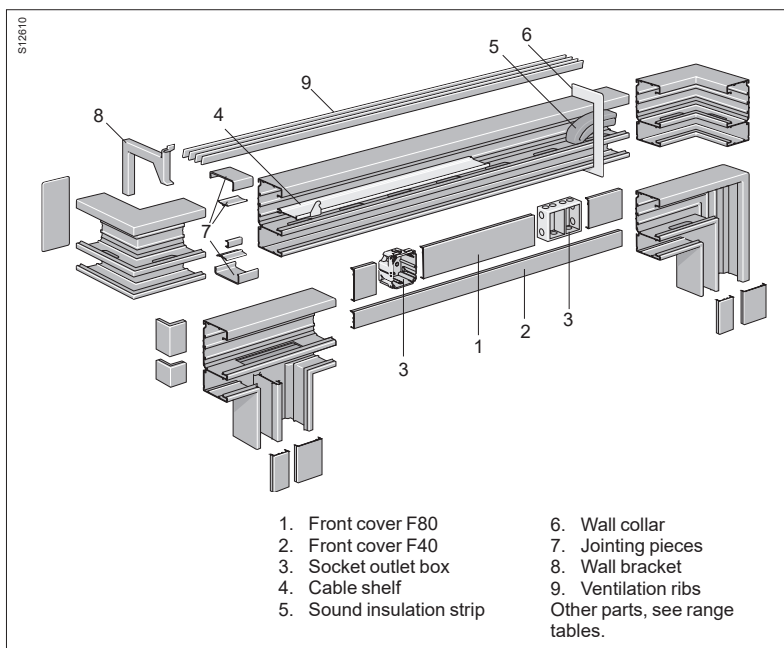


### INKA-217-2/72

For wall surface mounting or on brackets. Two screened compartments with separate front covers.

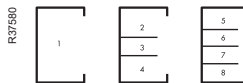


### Exploded view



### Cable capacity

#### INKA-152/52



Without mounting boxes

1	35	3429	1372	1715	2057
2	25	1007	403	504	604
3	25	902	361	451	541
4	25	968	387	484	581
5	15	702	281	351	421
6	20	759	304	380	455
7	20	759	304	380	455
8	25	809	324	405	485

With 40 mm deep MIB & CYB boxes

1	12	1162	465	581	697
2	12	439	176	220	263
3	0	0	0	0	0
4	12	434	174	217	260
5	12	445	178	223	267
6	6	86	34	43	52
7	6	87	35	44	52
8	12	435	174	218	261

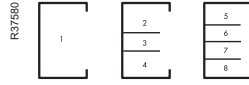
With 30 mm deep CYB boxes

1	12	1287	515	644	772
2	12	423	169	212	254
3	0	0	0	0	0
4	12	449	180	225	269
5	12	415	166	208	249
6	8	119	48	60	71
7	8	125	50	63	75
8	12	452	181	226	271

# INKA aluminium trunking

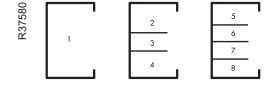
## Technical description

### Cable capacity INKA-101/72



Comp No	Max Ø mm	Cross section area mm <sup>2</sup>	Cable capacity, mm <sup>2</sup>		
			40%	50%	60%
Without mounting boxes					
1	60	5565	2226	2783	3339
2	30	1316	526	658	790
3	30	1197	479	599	718
4	25	1313	525	657	788
5	20	1303	521	652	782
6	20	1199	480	600	719
7	20	1199	480	600	719
8	20	1308	523	654	785
With 40 mm deep MIB & CYB boxes					
1	20	3334	1333	1667	2000
2	15	956	382	478	574
3	15	495	498	248	297
4	20	926	370	463	556
5	15	977	391	489	586
6	15	476	190	238	286
7	15	476	190	238	286
8	20	974	390	487	584
With 30 mm deep CYB boxes					
1	20	3580	1432	1790	2148
2	20	982	393	491	589
3	15	576	230	288	346
4	20	954	382	477	572
5	15	1037	415	519	622
6	15	522	209	261	313
7	15	522	209	261	313
8	20	1025	410	513	615

### Cable capacity INKA-123-4/72



Comp No	Max Ø mm	Cross section area mm <sup>2</sup>	Cable capacity, mm <sup>2</sup>		
			40%	50%	60%
Without mounting boxes					
1	60	6857	2743	3429	4114
2	40	1801	720	901	1081
3	30	1197	479	599	718
4	35	1734	694	867	1040
5	30	1865	746	933	1119
6	20	1199	480	600	719
7	20	1199	480	600	719
8	30	2089	836	1045	1253
With 40 mm deep MIB & CYB boxes					
1	25	4597	1839	2299	2758
2	25	1405	562	703	843
3	15	495	198	248	297
4	20	1349	540	675	809
5	25	1634	654	817	980
6	15	476	190	238	286
7	15	476	190	238	286
8	20	1641	656	821	985
With 30 mm deep CYB boxes					
1	25	4706	1882	2353	2824
2	25	1403	561	702	842
3	15	576	230	288	346
4	20	1375	550	688	825
5	25	1597	639	799	958
6	15	522	209	261	313
7	15	522	209	261	313
8	20	1669	668	835	1001

### INKA-123/72

Without mounting boxes					
1	60	6301	2520	3151	3781
2	35	1676	670	838	1006
3	30	1197	479	599	718
4	30	1700	680	850	1020
5	30	1812	765	956	1147
6	20	1199	480	600	719
7	20	1199	480	600	719
8	25	1709	684	855	1025
With 40 mm deep MIB & CYB boxes					
1	20	4523	1809	2262	2714
2	20	1318	527	659	791
3	15	495	198	248	297
4	20	1317	527	659	790
5	20	1575	630	788	945
6	15	476	190	238	286
7	15	476	190	238	286
8	20	1602	641	801	961
With 30 mm deep CYB boxes					
1	20	4786	1914	2393	2872
2	20	1347	539	674	808
3	15	576	230	288	346
4	20	1343	537	672	806
5	20	1637	655	819	982
6	15	522	209	261	313
7	15	522	209	261	313
8	20	1664	666	832	998

### Cable capacity INKA-161-2/72



Comp No	Max Ø mm	Cross section area mm²	Cable capacity, mm²		
			40%	50%	60%
Without mounting boxes					
1	60	6101	2440	3051	3661
2	35	167	67	84	100
3	30	1197	479	599	718
4	25	1253	501	627	752
5	30	1925	770	963	1155
6	20	1199	480	600	719
7	20	1199	480	600	719
8	25	1273	509	637	764
9	30	2740	1096	1370	1644

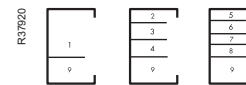
With 40 mm deep MIB & CYB boxes

1	20	3869	1548	1935	2321
2	20	1343	537	672	806
3	15	495	198	248	297
4	20	878	357	439	527
5	20	1591	636	796	955
6	15	476	190	238	286
7	15	476	190	238	286
8	20	940	376	470	564
9	30	2740	1096	1370	1644

With 30 mm deep CYB boxes

1	20	3914	1566	1957	2348
2	20	1366	546	683	820
3	15	576	230	288	346
4	20	1007	403	504	604
5	20	1651	660	826	991
6	15	522	209	261	313
7	15	522	209	261	313
8	20	1001	400	501	601
9	30	2740	1096	1370	1644

### Cable capacity INKA-161-2F/72



Comp No	Max Ø mm	Cross section area mm²	Cable capacity, mm²		
			40%	50%	60%
Without mounting boxes					
1	60	6069	2428	3035	3641
2	40	1687	675	844	1012
3	30	1197	479	599	718
4	30	1296	518	649	778
5	30	1728	691	864	1037
6	20	1199	480	600	719
7	20	1199	480	600	719
8	25	1438	575	719	863
9	30	2706	1082	1353	1624

With 40 mm deep MIB & CYB boxes

1	20	3089	1236	1545	1853
2	25	1285	514	643	771
3	15	495	198	248	297
4	20	911	364	456	547
5	25	1495	598	748	897
6	15	476	190	238	286
7	15	476	190	238	286
8	20	984	394	492	590
9	30	2706	1082	1353	1624

With 30 mm deep CYB boxes

1	20	3919	1568	1960	2351
2	20	1292	517	646	775
3	15	576	230	288	346
4	20	916	366	458	550
5	20	1470	588	735	882
6	15	522	209	261	313
7	15	522	209	261	313
8	20	1017	407	509	610
9	30	2706	1082	1353	1624

### INKA-161-3/72



Without mounting boxes					
1	60	9369	3748	4685	5621
2	35	1689	676	845	1013
3	30	1197	479	599	718
4	40	4808	1923	2404	2885
5	30	1909	764	955	1145
6	20	1199	480	600	719
7	25	1199	480	600	719
8	40	4556	1822	2278	2734

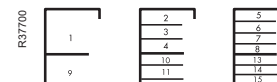
With 40 mm deep MIB & CYB boxes

1	20	7137	2855	3569	4282
2	20	1332	533	666	799
3	15	495	198	248	297
4	40	4346	1738	2175	2608
5	20	1573	629	833	944
6	15	476	190	238	286
7	15	476	190	238	286
8	40	4225	1690	2113	2535

With 30 mm deep CYB boxes

1	20	7372	2949	3686	4423
2	20	1357	543	679	814
3	15	576	230	288	346
4	40	4354	1742	2177	2612
5	20	1620	648	810	972
6	15	522	209	261	313
7	15	522	209	261	313
8	40	4273	1709	2137	2564

### INKA-217-2/72



Without mounting boxes					
1	60	5962	2385	2981	3577
2	35	1685	674	843	1011
3	30	1197	479	599	718
4	25	1170	468	585	702
5	30	1905	762	953	1143
6-7	20	1199	480	600	719
8	20	1130	452	565	678
9	60	6010	2404	3005	3606
10	25	1131	452	566	679
11	30	1197	479	599	718
12	30	1766	706	883	1060
13	15	1082	433	541	649
14-15	20	1199	480	600	719
16	25	1985	794	993	1191

With 40 mm deep MIB & CYB boxes

1	20	3730	1492	1865	2238
2	20	1326	530	663	796
3	15	495	198	248	297
4	20	794	318	397	476
5	20	1653	661	827	992
6-7	15	476	190	238	286
8	20	797	319	399	478
9	20	3779	1512	1890	2267
10	15	785	314	393	471
11	15	495	198	248	297
12	20	1383	553	692	830
13	15	758	303	379	455
14-15	15	476	190	238	286
16	25	1651	660	826	991

With 30 mm deep CYB boxes

1	20	3980	1592	1990	2388
2	20	1353	541	677	812
3	15	495	198	248	297
4	20	819	328	410	491
5	20	1614	646	807	968
6-7	15	476	190	238	286
8	20	843	337	422	506
9	20	4014	1606	2007	2408
10	15	812	325	406	487
11	15	495	198	248	297
12	25	1409	564	705	845
13	15	807	323	404	484
14-15	15	476	190	238	286
16	25	1699	680	850	1019



# TEK PVC plastic trunking

## High-quality installations faster than ever

TEK is our best-seller, with more than 6 million metres of sold trunking. Generic design, versatile functions and unbeatable availability at the wholesalers, are the key players in TEK's success story.



### Super-high finish

TEK have a high-gloss surface, which is UV-stable and easy to keep clean. The trunking is delivered with a protective film that does not need to be removed until the installation has been completed.



### The everyday trunking

Thanks to the workable plastic material, cutting is done quickly and easily. The plastic trunking is also suitable as feeder.









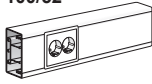
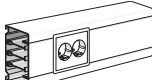
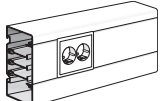
### Adjustable corners

The adjustable inner corner pieces suit angles between 90 and 135°, whereas the outer corners fit angles 80-135°. IP40 when mounted directly onto the wall.



### Protective foil








On delivery, the trunking and accessories are wrapped in protective foil to prevent damage during the installation.

Product Range, type TEK							
In the matrix: Type Art. No. Material/Finish	 P61409	 P61985	 P63691 P61414	 P63692 P61419	 P61422	 P61413	
TEK-	Trunking base	Front cover	Internal corner	External corner	Bend, 90°	T-piece	
L38960 <b>100/52</b> 	<b>TEK-U100</b> 5522020 WN <b>TEK-UH100*</b> 5522010 WN	<b>FCA-F80</b> 5580080 AN 5580089 AO 5580060 WN 5580069 WR	<b>TEK-IH100</b> 5576101 WN <b>Adjustable TTI-IH100</b> 5589150 WN	<b>TEK-YH100</b> 5576111 WN <b>TEK-YHH100*</b> 5576110 WN	<b>TEK-LS100</b> 5576121 WN <b>TEK-LSH100*</b> 5576120 WN	<b>TEK-TSH100*</b> 5576130 WN	
L38950 <b>123/72</b> 	<b>TEK-U123</b> 5526010 WN 5526019 WR INS60600 BL	<b>FCA-F80</b> 5580080 AN 5580089 AO 5580060 WN 5580069 WR INS60604 BL	<b>TEK-IH123</b> 5526510 WN 5526519 WR INS60601 BL <b>Adjustable TTI-IH123</b> 5589170 WN	<b>TEK-YH123</b> 5526520 WN INS60602 BL <b>Adjustable TTI-YH123</b> 5589520 WN	<b>TEK-LS123</b> 5526530 WN 5526539 WR INS60603 BL	<b>TEK-TS123</b> 5576340 WN	
L38970 <b>161-3/72</b> 	<b>TEK-U161-3</b> 5532020 WN 5532021 WR	<b>FCA-F80</b> 5580080 AN 5580089 AO 5580060 WN 5580069 WR	<b>TEK-IH161-3</b> 5532600 WN 5532601 WR	<b>TEK-YH161-3</b> 5532610 WN	<b>TEK-LSN161-3</b> 5532630 WN ↓	<b>TEK-TSU161-3</b> 5532640 WN ↑ <b>TEK-TSN161-3</b> 5532650 WN ↓	




\* With pre-punched back-side for cable entry.

AN= Aluminium, Natural anodized  
AO= Aluminium, Optional powder coated  
AW= Aluminium, White powder coated  
WN= White RAL 9016  
WR= White RAL 9010  
GR= Grey  
BL=Black


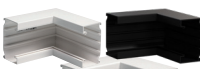





← = Left hand  
→ = Right hand  
↑ = Up, riser  
↓ = Down, dropper

 P 61424	 P 61496	 P 61429 P 61428	 P 61404 P 61405	 P 61436 P 61434	 P 61513	 P 61515
Stop end	Joint cover	Wall collar	Cable shelf	Cable clip	Joining piece	Support. piece
<b>TEK-ES100</b> 5591100 WN 5591109 WR	<b>TTI-US100</b> 5590002 AW	<b>TTI-CR100</b> 5594511 WN	<b>TTI-KH252</b> 5590322	<b>TTI-KL52</b> 5590346		
<b>TTI-ES123</b> 5590232 WN 5590237 WR 5590238 WN INS60606 BL	<b>TTI-US123</b> 5590036 AW 5900041 AW INS60605 BL	<b>TTI-CR123</b> 5594576 WN  <b>TTI-R2 123</b> 5590740 WN	<b>TTI-KH72</b> 5590314  <b>TTI-KH272</b> 5590319	<b>TTI-KHK</b> 5590340	<b>TTI-JP123</b> 5590115	
<b>TEK-ES161-3</b> 5532665 WN 5532666 WR	<b>TTI-US161-3</b> 5590075 AW 5590073 AO	<b>TTI-CR161</b> 5594616 WN  <b>TTI-R2 161</b> 5590760 WN	<b>TTI-KH72</b> 5590314  <b>TTI-KH272</b> 5590319	<b>TTI-KHK</b> 5590340	<b>TTI-JP123</b> 5590115	<b>TEK-K161-3</b> 5590341


## Length material

Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.		
<b>Trunking base</b>							
Trunking base with F80° front opening. Can be divided into compartments by means of cable shelves. To be used as perimeter trunking, mounted direct onto the wall or on brackets. Also suitable as feeder trunking. Four support pieces included in each length of TEK-/161-3. Compatible with FCA-F80, MIB boxes, TTI cable shelves for 52 and 72 mm deep trunking, TTA brackets. Material: PVC.							
P61408		TEK-U100	White RAL 9016	100/52/2500	4	7315885522022	<b>5522020</b>
		TEK-UH100	White RAL 9016	100/52/2550	4	7315885522015	<b>5522010</b>
P61409		TEK-U123	White RAL 9010	123/72/2500	4	7315880006121	<b>5526019</b>
			White RAL 9016 Black			7315885526013 3606481069238	<b>5526010</b> <b>INS60600</b>
P61410		TEK-U161-3	White RAL 9010	161/72/2500	4	7315880035145	<b>5532021</b>
			White RAL 9016			7315885532021	<b>5532020</b>

## Corner sections

<b>Internal corners</b>							
Internal corner with F80° front opening. Can be divided into compartments by means of cable shelves. TEK-IHH100 has pre-punched holes for cable passage. Material: PVC.							
P61420		TEK-IH100	White RAL 9016	100/200/200	1	7315880066701	<b>5576101</b>
		P61414		TEK-IH123	White RAL 9010	123/200/200	1
	White RAL 9016 Black					7315885526518 3606481069245	<b>5526510</b> <b>INS60601</b>
P61411		TEK-IH161-3	White RAL 9010	161/200/200	1	7315880035169	<b>5532601</b>
			White RAL 9016			7315885532601	<b>5532600</b>
<b>Internal corner, adjustable, type TTI</b>							
Open internal corner that covers the opening between two trunking lengths installed in an angle to one another. The corner section is made up by two parts which can be moved against one another to create the required angle. Angle adjustment 90–135°. Degree of protection: IP40, provided that the trunking system is mounted direct on the wall. For TTI-IH123, covering plate TTI-BP can be used to reach IP20 when the system is mounted on brackets. Material: PC/ABS.							
P63681		TTI-IH100	White RAL 9016	100/52/140	1	7315885589155	<b>5589150</b>
		TTI-IH123	White RAL 9016	123/72/145	1	7315885589179	<b>5589170</b>
<b>External corner kits</b>							
External corner with F80° front opening. Can be divided into compartments by means of cable shelves. TEK-IHH100 has pre-punched holes for cable passage. Supplied with front piece. Material: PVC.							
P61417		TEK-YH100	White RAL 9016	100/200/200	1	7315880006718	<b>5576111</b>
		TEK-YHH100	White RAL 9016	100/200/200	1	7315885576117	<b>5576110</b>
P61419		TEK-YH123	White RAL 9016	123/200/200	1	7315885526525	<b>5526520</b>
			Black			3606481075246	<b>INS60602</b>
P61418		TEK-YH161-3	White RAL 9016	161/200/200	1	7315885532618	<b>5532610</b>

## Corner sections

Type	Colour	Dimensions A/B/C (mm)		Qty per package	EAN code	Ref. No.
<b>External corner, adjustable, type TTI</b>						
Open external corner that covers the opening between two trunking lengths installed in an angle to one another. The corner section is made up by two parts which can be moved against one another to create the required angle. Angle adjustment 85–135°. Degree of protection: IP40, provided that the trunking system is mounted direct on the wall. For TTY-IH123, covering plate TTI-BP can be used to reach IP20 when the system is mounted on brackets. Material: PC/ABS.						
TTI-YH123	White RAL 9016	123/72/145		1	7315885589520	<b>5589520</b>

## Bends

<b>Bend kit, 90°</b>						
90° bend with F80® front opening. Can be divided into compartments by means of cable shelves. TEK-LSH100 has pre-punched holes for cable passage. Supplied with 225 mm front piece. Material: PVC.						

PB1421	TEK-LS100	White RAL 9016	200/52/200	1	731588006725	<b>5576121</b>
	TEK-LSH100 With pre-punched holes in the back	White RAL 9016	200/52/200	1	7315885576124	<b>5576120</b>
PB1422	TEK-LS123	White RAL 9010	200/72/200	1	731588006213	<b>5526539</b>
		White RAL 9016			7315885526532	<b>5526530</b>
		Black			3606481069252	<b>INS60603</b>
PB1416	TEK-LSN161-3 Dropping	White RAL 9016	200/72/200	1	7315885532632	<b>5532630</b>

<b>T-piece, kit</b>						
T-piece with F80® front opening. Can be divided into compartments by means of cable shelves. TEK-TSH100 has pre-punched holes for cable passage. Supplied with 225 mm front piece. Material: PVC.						

PB1413	TEK-TSH100 With pre-punched holes in the back	White RAL 9016	250/52/400	1	7315885576131	<b>5576130</b>
		White RAL 9016	200/72/280	1	7315885576346	<b>5576340</b>
PB1415	TEK-TSU161-3 Rising	White RAL 9016	260/72/360	1	7315885532649	<b>5532640</b>
		White RAL 9016			7315885532656	<b>5532650</b>
		Black			3606481069283	<b>INS60606</b>
PB1424	TEK-TSN161-3 Dropping	White RAL 9010	260/72/360	1	7315880011354	<b>5590237</b>
		White RAL 9016			7315880011323	<b>5590232</b>
PB1425	TEK-ES100	White RAL 9010	100/29/52	1	7315880022183	<b>5591109</b>
		White RAL 9016			7315885591103	<b>5591100</b>
PB1424	TTI-ES123	White RAL 9010	123/—/72	1	7315880011354	<b>5590237</b>
		White RAL 9016			7315880011323	<b>5590232</b>
		Black			3606481069283	<b>INS60606</b>
PB1424	TEK-ES161-3	White RAL 9010	161/21/72	1	7315880060888	<b>5532666</b>
		White RAL 9016			7315880060871	<b>5532665</b>

## Stop ends

<b>Stop ends type TEK and TTI</b>						
Stop end for snap-fitting on the trunking end. Both for left-hand and right-hand mounting. Material: ABS.						
PB1425	TEK-ES100	White RAL 9010	100/29/52	1	7315880022183	<b>5591109</b>
		White RAL 9016			7315885591103	<b>5591100</b>
PB1424	TTI-ES123	White RAL 9010	123/—/72	1	7315880011354	<b>5590237</b>
		White RAL 9016			7315880011323	<b>5590232</b>
		Black			3606481069283	<b>INS60606</b>
PB1424	TEK-ES161-3	White RAL 9010	161/21/72	1	7315880060888	<b>5532666</b>
		White RAL 9016			7315880060871	<b>5532665</b>



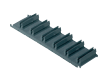
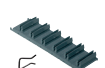



Front covers type FCA

Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
<b>Aluminium Front covers</b>					
Front cover for service carriers with 40 and 80 mm front opening respectively. Material: Aluminium, natural anodized or powder coated.					
FCA-F80	White RAL 9016	80/13/2500	8	7315880006930	5580088
<b>PVC Front covers</b>					
Front cover for service carriers with 80 mm front opening. Material: PVC.					
FCA-F80	White RAL 9016 White RAL 9010 Black	80/13/2500	8	7315885580060 7315880006909 3606481069269	5580060 5580069 INS60604


Wall brackets with accessories type TTA

<b>Adjustable wall brackets</b>					
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	Adjustable 50–70	121/67/50	10	7315885583573	5583570
TTA-TN70	Adjustable 70–110	121/67/70	10	7315880095118	5583572
TTA-TN110	Adjustable 110–170	121/67/110	10	7315880095125	5583574
TTA-TN160	Adjustable 160–260	180/67/160	10	7315880095132	5583576
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	Adjustable 30–60	77/30/28	10	7315885583603	5583608
<b>Fixed wall bracket</b>					
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
<b>Fixed wall bracket with integrated rib holder</b>					
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

**Wall brackets with accessories type TTA**

Type	Colour	Dimensions A/B/C (mm)		Qty per package	EAN code	Ref. No.
<b>Fixed wall bracket with loose rib holder</b>						
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	<b>5583034</b>
	TTA-KV56	—	132/64/28	10	7315880029915	<b>5583036</b>
	TTA-KV79	—	132/86/28	10	7315880029922	<b>5583038</b>
	TTA-KV123	—	132/131/28	10	7315880029939	<b>5583042</b>
	TTA-KV146	—	132/153/28	10	7315880029946	<b>5583044</b>
<b>Ventilation-rib holder</b>						
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	<b>5590453</b>
	<b>Ventilation-rib holder, kit</b>					
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-BT, TTA-TN, TTA-WG, TTA-KV and TTA-KVS. Material: PC/ABS (rib holder), steel (clamp).						
	TTA-GH1	Grey	15/120/34	1	7315880079873	<b>5590456</b>
	<b>Ventilation rib</b>					
Ventilation rib to be used together with wall bracket for trunking and ventilation-rib holder. Material: Aluminium, natural anodized or powder coated.						
	TTA-G10	White RAL 9010 White RAL 9016	20/10/2500	16	7315880031956 7315880011842	<b>5590424</b> <b>5590431</b>
	<b>Joining piece</b>					
Joining piece to be used for jointing of ventilation ribs. Material: Aluminium, untreated.						
	TTA-GS10	—	13/10/100	8	7315885590441	<b>5590440</b>
	<b>Washer</b>					
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	<b>5583408</b>
	TTA-KM5	Grey	114/5/38	10	7315885583412	<b>5583410</b>

**Cable shelves type TTI**


<b>Single cable shelf</b>						
Single cable shelf to be used to divide the trunking into compartments, for the separation of cables. Material: PVC.						
	TTI-KH52	White	10/46/500	50	7315885590311	<b>5590310</b>
	TTI-KH72	White	12/62/500	50	7315880011583	<b>5590314</b>


**Cable shelves type TTI**

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


Double cable shelf to be used to divide the trunking into compartments, for the separation of cables.  
Material: PVC or PC/ABS, see below.


P62087		TTI-KH252	White PVC	58/46/500	20	7315885590328	<b>5590322</b>
		For 52 mm deep trunking					

P61404		TTI-KH272	White PVC	64/59/500	20	7315880071341	<b>5590319</b>
		For 72 mm deep trunking					

**Cable clip**

Cable clip to be snap-fitted onto the cable shelf, used to retain the cables in their place.  
Material: PA (TTI-KL52), ABS (TTI-KHK).


P61936		TTI-KL52	Black	13/25/40	50	7315880011644	<b>5590346</b>
		For TTI-KH252					


P61514		TTI-KHK	Brown	6/43/34	100	7315885590342	<b>5590340</b>
		For TTI-KH72					


**Joint cover pieces type TTI**

**Joint cover piece, kit**

Joint cover kits including two or three joint cover pieces to cover joints between trunking sections.  
Material: Aluminium, powder coated.

P61735		TTI-US100	White RAL 9016	—/45/52	10	7315880037699	<b>5590002</b>
		For 52 mm deep trunking					


P61748		TTI-US123	White RAL 9016 Black	—/45/72	10	7315880010999 3606481069276	<b>5590036</b> <b>INS60605</b>
		For 72 mm deep trunking					

P61743		TTI-US161-3	White RAL 9016	—/45/72	10	7315880046080	<b>5590075</b>
		For 72 mm deep trunking					

**Wall frames/collars type TTI**

**Wall frame**

Wall frame made up by two parts which are assembled and mounted on the trunking by means of two rubber mouldings. The frame has a flange against the trunking. To be used to cover a trunking passage through the wall or to make an attractive finish of the trunking against a wall.  
Material: ABS.


P61428		TTI-CR100	White RAL 9016	170/25/120	1	7315885594517	<b>5594511</b>
		For 100x52 mm trunking					

		TTI-CR123	White RAL 9016	193/25/140	1	7315880066637	<b>5594576</b>
		For 123x72 mm trunking					








		TTI-CR161	White RAL 9016	231/25/140	1	7315880066644	<b>5594616</b>
		For 161x72 mm trunking					

**Wall collar**

Wall collar made up by two parts that are snapped together. To be used to cover a trunking passage through the wall or to make an attractive finish of the trunking against a wall.  
Material: ABS.

P61429		TTI-R2 123	White RAL 9016	199/8/142	1	7315885590748	<b>5590740</b>
		For 123x72 mm trunking					

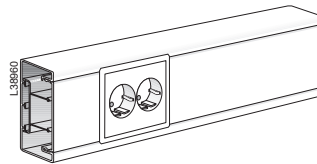
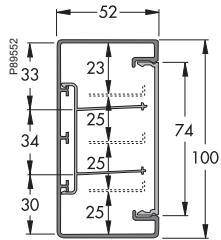
		TTI-R2 161	White RAL 9016	238/8/142	1	7315885590762	<b>5590760</b>
		For 161x72 mm trunking					

Other accessories type TEK and TTI						
Type	Colour	Dimensions A/B/C (mm)		Qty per package	EAN code	Ref. No.
<b>Supporting piece</b>						
Supporting piece to be used as a support when mounting front F80®. To be inserted under the front, between the front and back walls of the trunking base. Suitable for TEK-161-3. Material: PC/ABS.						
P61515 	White	18/67.2/60		4	7315880037705	5590341
<b>Joining piece</b>						
Internal joining piece to be used when joining trunking parts. Suitable for TEK -123 and TEK-161-3. Material: PC/ABS.						
P61513 	White	37/67/100		1	7315880022046	5590115
<b>Bracket</b>						
Bracket for wall mounting of TEK-UH100, adjusted to the pre-punched holes of the trunking. To be screw-fixed to the wall. Material: PP.						
P61519 	Grey	20/20/67		50	7315885591813	5591810
<b>Mounting washer</b>						
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. Suitable for TEK-123 and 161-3. Material: PA, injection moulded.						
P61881 	Black	5/15/19		100	7315885590182	5590180
<b>Cup washer</b>						
Cup washer to cover screw heads inside the trunking in order to protect single-insulated cables. Material: PE.						
P61937 	Black	Ø13		100	7315885590526	5590520
<b>Sound insulation strips</b>						
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 	Black	30/45/350		1	7315885590410	5590410
	Black	50/70/350		1	7315880011828	5590414

### Design and dimensions

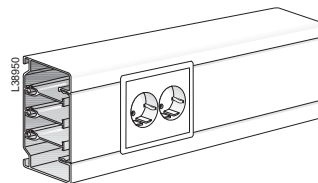
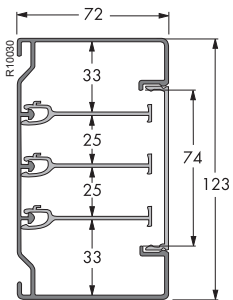
#### TEK-100/52

For wall surface mounting or on a spacer.



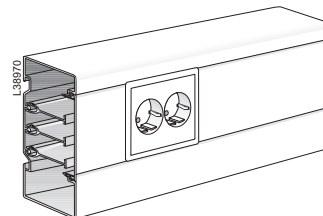
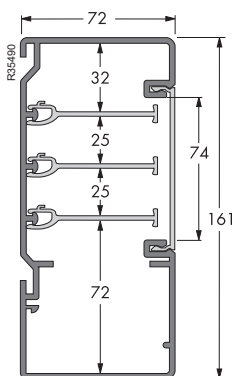
#### TEK-123/72

For wall surface mounting or on brackets.

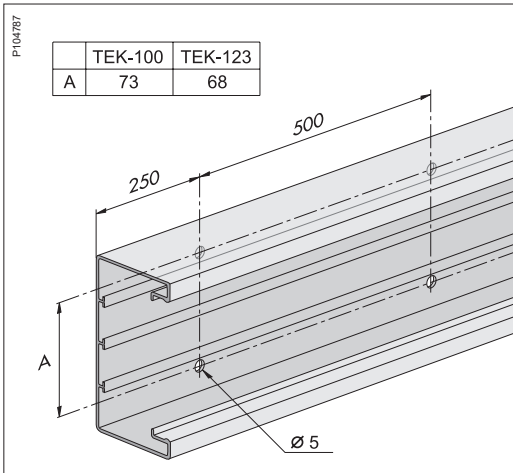
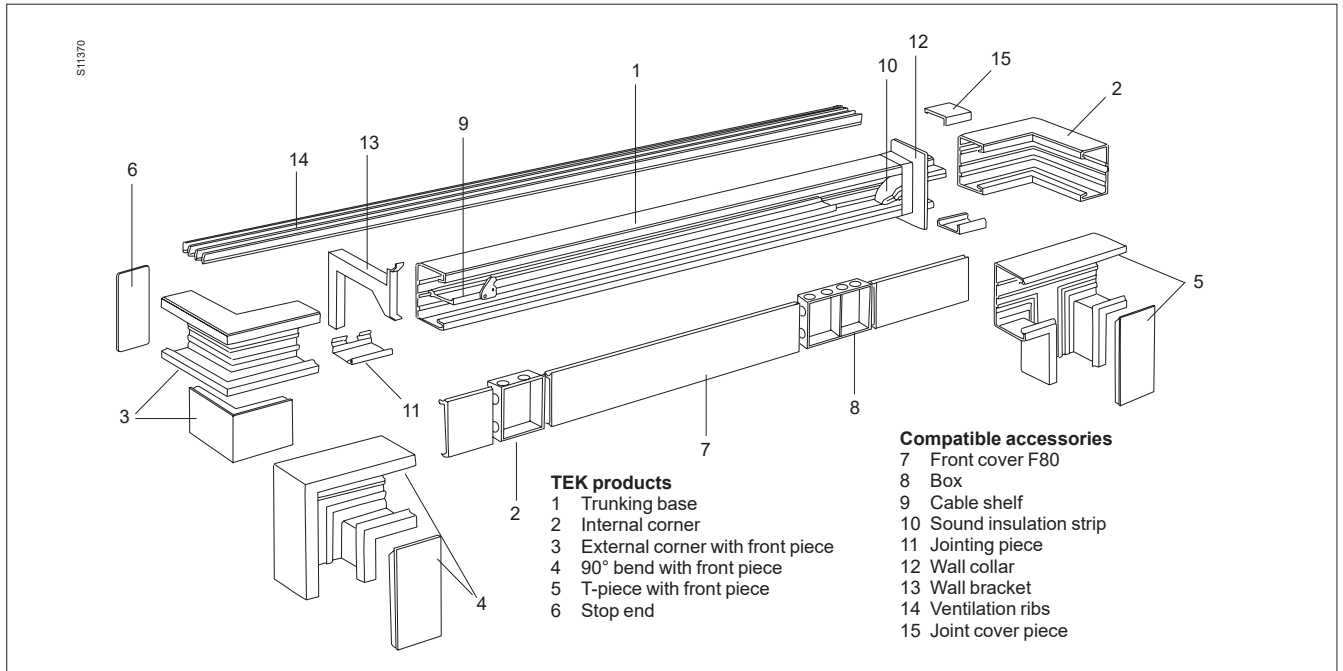


#### TEK-161-3/72

For wall surface mounting or on brackets.



### Exploded view



### Standards & approvals

Standards	EN 50085-1:1997+A1:1998
	SS 424 10 02:1993
	KEMA 55A:1984
	CE
Approvals	TEK-100 SEMKO, NEMKO, KEMA
	TEK-123 SEMKO, NEMKO, VDE, SETI, KEMA
	TEK-161-3 SEMKO, NEMKO, VDE, KEMA

### Material data TEK

Material	PVC, self-extinguishing, cadmium-free and lead-free
Colour spec.	• White RAL 9016 • White RAL 9010
Material	ABS (acrylonitrile-butadiene-styrene)
Colour spec.	• White RAL 9016 • White RAL 9010
Material	PC/ABS (polycarbonate/acrylonitrile-butadiene-styrene)
Colour	White
Material	PP (polypropylene)
Colour	Grey

### Material data FCA

Material	Extruded aluminium
Surface treatment	Powder coating
Colour spec.	• White RAL 9016 • White RAL 9010
Material	PVC (self-extinguishing, lead and cadmium-free)
Fire rating	UL 94 V0 (0.8 mm)
Colour spec.	• White RAL 9010 • White RAL 9016

### Material data TTA

Material	Steel
Surface treatment	Galvanized
Colour spec.	Unpainted
Material	Aluminium SS 4104
Colour spec.	• Unpainted • White RAL 9010 • White RAL 9016
Material	PC/ABS (polycarbonate/acrylonitrile-butadiene-styrene)
Colour.	Grey
Material	PP (polypropylene)
Colour	Grey

### Material data TTI

Material	PC/ABS (polycarbonate/acrylonitrile-butadiene-styrene)
Fire rating	UL 94 V0
Impact resistance	2 J (medium acc. to EN 50085-1)
Colour spec.	White RAL 9010
Material	ABS (acrylonitrile-butadiene-styrene)
Colour spec.	<ul style="list-style-type: none"> <li>• White RAL 9016</li> <li>• White RAL 9010</li> <li>• Brown NCS 8203-Y63R</li> </ul>
Material	PVC (self-extinguishing, lead and cadmium-free)
Colour	White, unspecified
Material	PE (polyethylene, halogen-free)
Fire rating	UL 94 HB
Chemical resistance	Resistant to lubricants, fuel, refrigerants, enamels and paints, detergents and degreasing agents. Not resistant to acids.
Colour	Black
Material	PA (polyamide)
Fire rating	UL 94 V-0
Colour	Black
Material	Stainless steel SS
Material	Aluminium SS 4106
Surface treatment	Powder coating
Colour spec.	<ul style="list-style-type: none"> <li>• White RAL 9016</li> <li>• White RAL 9010</li> </ul>

### Operative data

Temperature range	From -20° to +60°C
Degree of protection	IP20
Chemical resistance	For extruded profiles in acc. with ISO Technical Report 7473

### Cable capacity

#### TEK-161-3/72



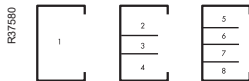
Comp No	Max Ø mm	Cross section area mm <sup>2</sup>	Cable capacity, mm <sup>2</sup>		
			40%	50%	60%
Without mounting boxes					
1	60	8918	3567	4459	5351
2	30	1700	680	850	1020
3	22	1170	468	585	702
4	22	1170	468	585	702
5	56	4298	1719	2149	2579
With 40 mm deep MIB & CYB boxes					
1	56	6652	2661	3326	3991
2	24	1400	560	700	840
3	16	440	176	220	264
4	16	440	176	220	264
5	56	3847	1539	1924	2308
With 30 mm deep CYB boxes					
1	56	7558	3023	3779	4535
2	28	1485	594	743	891
3	20	700	280	350	420
4	20	700	280	350	420
5	56	4538	1815	2269	2723

### Cross section area matrix, mm<sup>2</sup>

Matrix to be used in conjunction with cable capacity tables above.

Round cable Ø mm	Number of cables									
	1	2	3	4	5	6	7	8	9	10
3	7.1	14.2	21.3	28.4	35.5	42.6	49.7	56.8	63.9	71
4	12.6	25.2	37.8	50.4	63.0	75.6	88.2	101	113	12
5	19.6	39.2	58.8	78.4	98.0	118	137	157	176	196
6	28.3	56.6	84.9	113	142	170	198	226	255	283
7	38.5	77	116	154	193	231	270	308	347	385
8	50.0	100	150	200	250	300	350	400	450	500
9	63.7	127	191	255	319	382	446	510	573	637
10	78.5	157	236	314	393	471	550	628	707	785
11	95	190	285	380	475	570	665	760	855	950
12	113	226	339	452	565	678	791	904	1017	1130
13	133	266	399	532	665	798	931	1064	1197	1330
14	154	308	462	616	770	924	1078	1232	1386	1540
15	177	354	531	708	885	1062	1239	1416	1593	1770
16	201	402	603	804	1005	1206	1407	1608	1809	2010
17	227	454	681	908	1135	1362	1589	1816	2043	2270
18	255	510	765	1020	1275	1530	1785	2040	2295	2550
19	284	568	852	1136	1420	1704	1988	2272	2556	2840
20	315	630	945	1260	1575	1890	2205	2520	2835	3150
Oval cable mm	Number of cables									
	1	2	3	4	5	6	7	8	9	10
2 × 3	5.2	10.4	15.6	20.8	26	31.2	36.4	41.6	46.8	52
2 × 5	9.2	18.4	27.6	36.8	46	55.2	64.4	73.6	82.8	92
3 × 6	16.1	32.2	48.3	64.4	80.5	96.6	112.7	128.8	144.9	161
4 × 7	24.6	49.2	73.8	98.4	123	147.6	172.2	196.8	221.4	246

**Cable capacity**  
**TEK-100/52**



Comp No	Max Ø mm	Cross section area mm <sup>2</sup>	Cable capacity, mm <sup>2</sup>		
			40%	50%	60%
Without mounting boxes					
1	35	3665	1466	1833	2199
2	25	1110	444	555	666
3	25	902	361	451	541
4	25	1026	410	513	616
5	20	795	318	398	477
6	20	763	305	382	458
7	20	763	305	382	458
8	20	902	361	451	541

With 40 mm deep MIB & CYB boxes					
1	12	1411	564	706	847
2	12	524	210	262	314
3			0	0	0
4	12	527	211	264	316
5	12	536	214	268	322
6	6	92	37	46	55
7	6	101	40	51	61
8	12	539	216	270	323

With 30 mm deep CYB boxes					
1	20	2268	907	1134	1361
2	20	737	295	369	442
3	8	282	113	141	169
4	20	702	281	351	421
5	20	638	255	319	383
6	15	325	130	163	195
7	15	327	131	164	196
8	20	647	259	324	388

**TEK-123/72**

Without mounting boxes					
1	55	6449	2580	3225	3869
2	35	1651	660	826	991
3	30	1197	479	599	718
4	35	1604	642	802	962
5	30	1661	664	831	997
6	20	1199	480	600	719
7	20	1199	480	600	719
8	30	1916	766	958	1150

With 40 mm deep MIB & CYB boxes					
1	20	4194	1678	2097	2516
2	20	2328	931	1164	1397
3	15	495	198	248	297
4	20	1220	488	610	732
5	20	1433	573	717	860
6	15	476	190	238	286
7	15	476	190	238	286
8	20	1470	588	735	882

With 30 mm deep CYB boxes					
1	30	5052	2021	2526	3031
2	25	1447	579	724	868
3	25	876	350	438	526
4	25	1424	570	712	854
5	25	1527	611	764	916
6	20	742	297	371	445
7	20	742	297	371	445
8	25	2078	831	1039	1247

**Performance**

**Loads**

Load between two brackets: 750 N, statical load

**Sound insulation**

Measurement data per trunking and installation method acc. to ISO 140-10 (reference area 10 m<sup>2</sup>)

Trunking	Divided	Whole	T5070	T3045	D <sub>w,8</sub> [dB]	Dw [dB]
TEK-100 distance	X			3x1	58	61
TEK 100 distance	X			3x2	68	68
TEK 100 distance		X		3x1	50	55
TEK 100 distance		X		3x2	62	62
TEK 100 flush	X			3x1	65	66
TEK 100 flush	X			3x2	70	70
TEK 100 flush		X		3x1	55	59
TEK 100 flush		X		3x2	69	69
TEK-123	X		2x1		65	—
TEK-123	X		2x2		66	—
TEK-123		X	2x1		58	—
TEK-123		X	2x2		60	—
TEK-161-3*		X	3x1		55	55
TEK-161-3*		X	3x2		59	59
TEK-161-3*	X		3x1		62	62
TEK-161-3*	X		3x2		66	66

\* = Calculated value  
Dw = Sound insulation referring to 10 m<sup>2</sup>  
Dw,8 = Sound insulation referring to 10 m<sup>2</sup> with Swedish additional regulation of 8 dB.

**Comments on measurement values**

To obtain sound insulation, the type and quantity of the insulating strips must be in accordance with the table.

The column T5070 shows the number of insulating strips of each type respectively. 3x1 implies three insulating strips from one direction and 3x2 implies three strips from either side, i.e. six strips altogether.

Please note that the insulating strips are packed in bundles of four, i.e. the T-number states four strips.

Divided in the table heading means that the trunking is divided inside the wall and whole means that the trunking passes through the wall without being divided.

**Electric fields**

The measurements refer to TEK with typical cable and outlet configurations.

The recommendations from "Svenska Byggnadsstyrelsen" (T:134/1992-02) have served as guidance for the measurements. The limits at 0.5 m distance are 10 V/m for electric fields.

Test objects	Installation trunking:	TEK
	Outlets and connections:	CAN
	Cables:	Type 1 = H05 VV-U 5G 1.5, Type 2 = similar to type 1 but with a bi-conductor as shield, 1.5 mm <sup>2</sup> (types acc. to CENELEC HD 21 sec. 2.3)
Instruments	Radians Innova EMM-4	
Voltage	240 V/50 Hz	
Current	19 A nominal	
Point of measurement	The fields were measured at 0.5 m from the objects	
Test results	The values are maximum values for the E-field in V/m.	
	<b>Product</b>	<b>M1</b> <b>M3</b> <b>M4</b>
	TEK	54          1.1          20
	M1 refers to cable Type 1 in trunking. M3 refers to cable Type 2 with earthed shield in trunking. M4 refers to cable Type 2 with earthed shield and with CAN outlet in trunking.	

# Service poles



### Description

The Thorsman range of pre-wired and customized service poles POL is a multi purpose system for on-the-spot electrical services for power and communication. The poles are designed to bring power, data and telecommunications directly from the ceiling to the desk, and they are pre-assembled entirely to customer specifications.

The service poles are available in several versions;

- tension-mounted between floor and ceiling
- fixed to cable tray or ladder
- free-standing and movable
- mounted on the wall.

The compatibility with the Thorsman wiring device system CYB allows complete solutions for power and low voltage, telecom and data.

Adjustments to standard outlets on the European market are easily made using MIB boxes.

The service poles are supplied in optional lengths up to 5 metres and in optional colours, pre-wired including cables and plugs, ready to be secured and connected to a so called service gate in the backbone of the building. Each individual pole is tested before delivery and provided with a unique serial number, thus providing possibilities to trace it back in the production line. Test report and wiring diagram follow each pole at delivery.

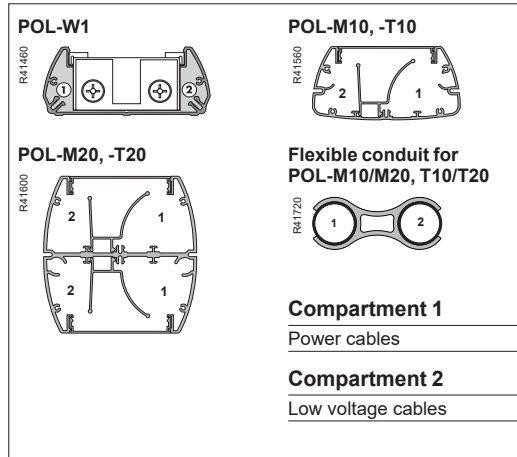
The poles are specified by means of the PC based planning and specifying aid Combinum.

There is also a number of pre-defined poles that need no specifying.



### Cable separation

In order to obtain a 25 mm separation between power and low voltage cables the cables in the feeder part of the pole must be run according to the following:



### Performance

Electrical data	Rated voltage:	400 V
	Rated current:	16 A
Degree of protection	IP30	
Loads	Maximum horizontal load at the height 1000 mm:	400 N
	Maximum vertical load:	750 N
	Note: Load values applicable to all poles except POL-*M.	

### Standards

PrEn 50085-2-4.  
SS 424 10 32:1989.

### Patents & approvals

Approvals	Please see under each pole type.
Patent & protection of design	<ul style="list-style-type: none"> <li>• Foot ISM20809: protection of design granted in EC countries.</li> <li>• Base profile for POL-M10, -M20, -T10, -T20: protection of design granted in Sweden, Finland, Denmark, Norway, Germany, Holland, Belgium and Luxemburg.</li> </ul>

### Material data

Aluminium	Specification	SS 4104, BS H9, DIN Al Si 0.5
Cast iron	Surface treatment	<ul style="list-style-type: none"> <li>• Coated with clear varnish (POL-FM1)</li> <li>• Dip coated (POL-FM2)</li> </ul>
	Other info	
Steel 1142	Specification	SS 1142
Steel 1411	Specification	SS 1411
Steel spring 1774-05	Specification	SS 1774-05
	Surface treatment	Lubricated
Steel tubing 2394	Specification	DIN 2394
Rubber	Specification	EPDM
	Other info	Halogen-free
PA 6 (polyamide)	Other info	Halogen-free
PP (polypropylene)	Other info	Halogen-free
Polystyrene	Other info	Halogen-free
PVC		
PC/ABS		

### Surface treatment

Anodizing	5–10 µm, natural
Powder coating	Epoxy-polyester mix or polyester, 50–100 µm

### Colours and surface coatings

Service poles	Natural anodized or powder coated according to Thorsman Colour Choice.	
Front covers	Natural anodized or powder coated according to Thorsman Colour Choice. Lengths available for delivery: Maximum 2500 mm.	
Accessories	If nothing else is stated the following applies:	
	White	= RAL 9016
	Grey	= RAL 9007
	White textured	= KP 546-9216 ≈ RAL 9010
	Black textured	= KP 545-7069 ≈ RAL 9011


### Operative data

Suitable outdoors	No
Degree of protection	IP30
Electrical data	230/400V, 16 A

### Classification acc. to PrEn 50085

Material	6.1.1 Metallic
Impact resistance	6.2.3 Medium impact
Temperature	6.3 Code 221 (= min. storage and transport temperature –25°C, min. installation and application temperature –15°C, max. application temperature +60°C)

**Pre-defined and pre-wired service poles**

Type	Dimensions A/B/C (mm)		EAN code	Ref. No.
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**Free-standing and movable, mounted on a foot**

PE1196



Pre-wired, two-sided, free-standing service pole mounted on a foot. Unearthed. Equipped with Thorsman access and outlet system type CYB including connection cable and plug/modular plug. NOTE! Foot POL-FM to be ordered separately.

Including, on each side:

- Schuko 250V/16A: two triple master outlets, one of which is marked DATA, and one double slave outlet.
- Communication outlets, see below.

The triple master outlets and the communication outlets are provided with label windows for easy marking.

Free cable lengths: pair cable 6400 mm, 250V cable 2100 mm.

Material: Aluminium.

<b>POL-M20</b> With 1 x CYB-BK12 including 2 x Actassi Cat. 6 + 2 x blank plate on each side	White	2150+2000/120/117	1	7315880113065	<b>5863832</b>
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**Tension-mounted between floor and ceiling**

PE3136



Pre-wired service pole, for tension-mounting between floor and ceiling. Unearthed. Equipped with Thorsman access and outlet system type CYB including connection cable and plug/modular plug.

- Including:
- Schuko 250V/16A: two triple master outlets, one of which is marked DATA, and one double slave outlet.
  - Communication outlets, see below.

The triple master outlets and the communication outlets are provided with label windows for easy marking.

Free cable lengths: Pair cable 7700 mm, 250V cable 3400 mm.

Material: Aluminium.

<b>POL-T10</b> With 1 x CYB-BK12 including 2 x Actassi Cat. 6 + 2 x blank plate	White	2870-3270/61/120	1	7315880112907	<b>5863576</b>
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## Empty service poles

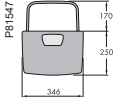
Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
<b>Free-standing and movable</b>					
Empty, free-standing and movable service pole. Unearthed. Supplied without wiring devices and cables. Foot to be ordered separately. Material: Aluminium.					
<b>POL-OM</b>	Anodized	2465+2000/89/100	1	7315885863057	<b>5863050</b>
<b>One-sided</b>					
Empty, free-standing and movable service pole. Unearthed. Supplied without wiring devices and cables. Foot to be ordered separately. Material: Aluminium.					
<b>POL-M10</b>	Anodized	2415+2000/61/120	1	7315880112983	<b>5863744</b>
<b>Tension-mounted between floor and ceiling</b>					
Empty service pole for tension-mounting between floor and ceiling. Unearthed. Supplied without wiring devices and cables. Material: Aluminium.					
<b>POL-T10</b>	White	3170-3570/61/120	1	7315885863576	<b>5863572</b>
One-sided	Anodized			7315880105404	<b>5863573</b>
<b>POL-T10</b>	White	2870-3270/61/120	1	7315880100737	<b>5863502</b>
One-sided					

## Accessories for POL-OM



Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
<b>Ceiling frame</b>					
Ceiling frame intended to lead flexible conduit Ø55 mm 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. From the OptiLine range. Material: PC/ABS.					
Ceiling frame	Polar white RAL 9003	89/Ø161	1	3606480682216	<b>ISM20812P</b>
<b>Foot</b>					
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. From the OptiLine range. Material: Cast iron, painted.					
Foot, round	Grey	29/Ø317	1	3606480030581	<b>ISM20808</b>
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. From the OptiLine range. Material: Cast iron, painted.					
Foot, rectangular	Grey	33/250/346	1	3606480030598	<b>ISM20809</b>

### Components and accessories for POL-M10/M20 and POL-T10/T20

Type	Colour	Dimensions A/B/C (mm)		Qty per package	EAN code	Ref. No.
<b>Foot</b>						
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. From the OptiLine range. Material: Cast iron, painted.						
P86529 	Grey	29/Ø317		1	3606480030581	<b>ISM20808</b>
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. From the OptiLine range. Material: Cast iron, painted.						
P86528 	Grey	33/250/346		1	3606480030598	<b>ISM20809</b>
<b>Ceiling frame</b>						
Ceiling frame intended to lead flexible conduit Ø55 mm 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. From the OptiLine range. Material: PC/ABS.						
P86527 	Polar white RAL 9003	89/Ø161		1	3606480682216	<b>ISM20812P</b>

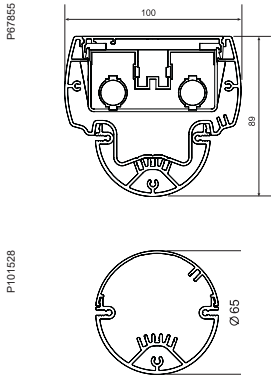


### Components and accessories for POL-W1

<b>Base profile for wall mounting</b>						
Base profile, length 2700 mm. Punched holes in the back to simplify mounting. With internal screw rail for earth connection. To be used with wiring devices type CYB or CAN, or, for devices with a c/c 60 distance, with installation box type MIB. Material: Aluminium, natural anodized or powder coated.						
P86088 	White	2700/49/115		2	7315880079712	<b>5860101</b>
<b>Stop end</b>						
Stop end intended to shut the lower end of base profile POL-W1. Material: Aluminium.						
P81610 	White	14/49/115		1	7315885865433	<b>5865430</b>

### POL-O

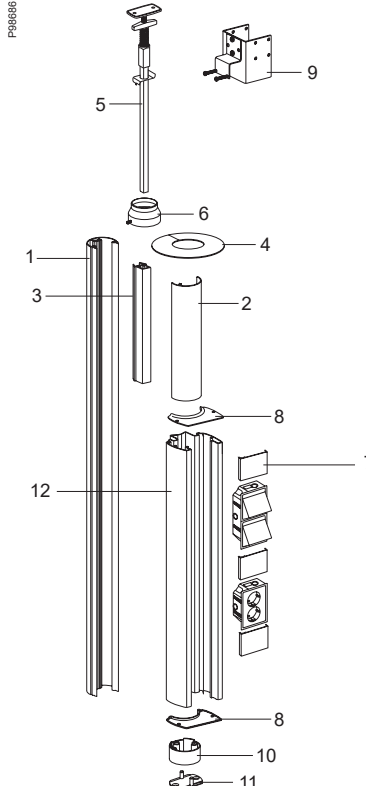
#### Design and dimensions



Technical drawings of the POL-O service pole. The front view (top) shows a width of 100 mm and a height of 89 mm. The top view (bottom) shows a circular diameter of 65 mm. Reference codes P07855 and P101528 are indicated.

Length options, mm	With ceiling fixing: 2200-2600, 2600-3000, 3000-3400 or 3400-3800 Without ceiling fixing: 2020, 2420, 2820, 3220
Installation box height	Standard height 590 or 700 mm Optional free heights 100–1000 mm
Approvals	SEMKO, FIMKO, NEMKO

#### Exploded view

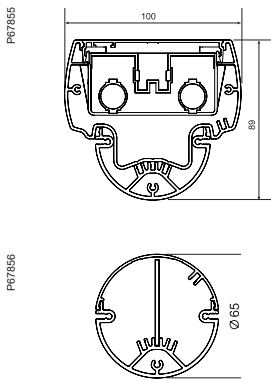


Exploded view diagram of the POL-O service pole assembly. The diagram shows the following components:

1. Base profile
2. Cover
3. Guide profile for ceiling fixing
4. Ceiling frame POL-CF6
5. Ceiling fixing
6. Adaptor POL-AF1
7. Front cover
8. Stop end
9. Cable tray fixing
10. Floor fixing
11. Fixing plate
12. Service box profile

### POL-OM

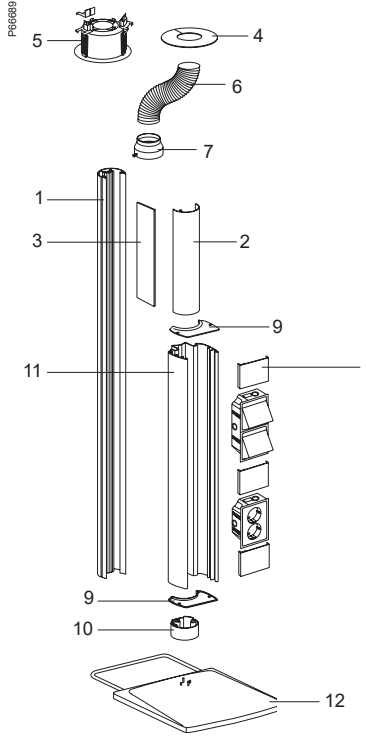
#### Design and dimensions



Technical drawings of the POL-OM service pole. The front view (top) shows a width of 100 mm and a height of 89 mm. The top view (bottom) shows a circular diameter of 65 mm. Reference codes P07855 and P07856 are indicated.

Length options, mm	2165, 2465 or 2915
Installation box height	Standard height 590 or 700 mm Optional free heights 100–1000 mm
Approvals	SEMKO, FIMKO, NEMKO

#### Exploded view

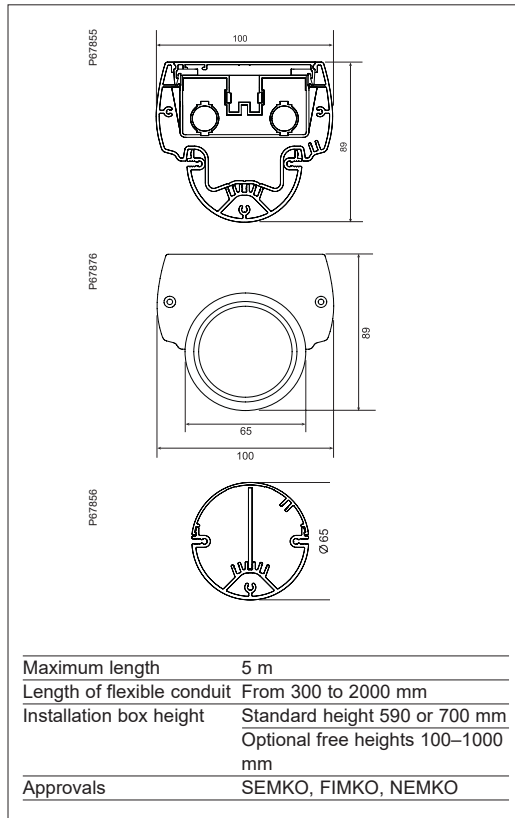


Exploded view diagram of the POL-OM service pole assembly. The diagram shows the following components:

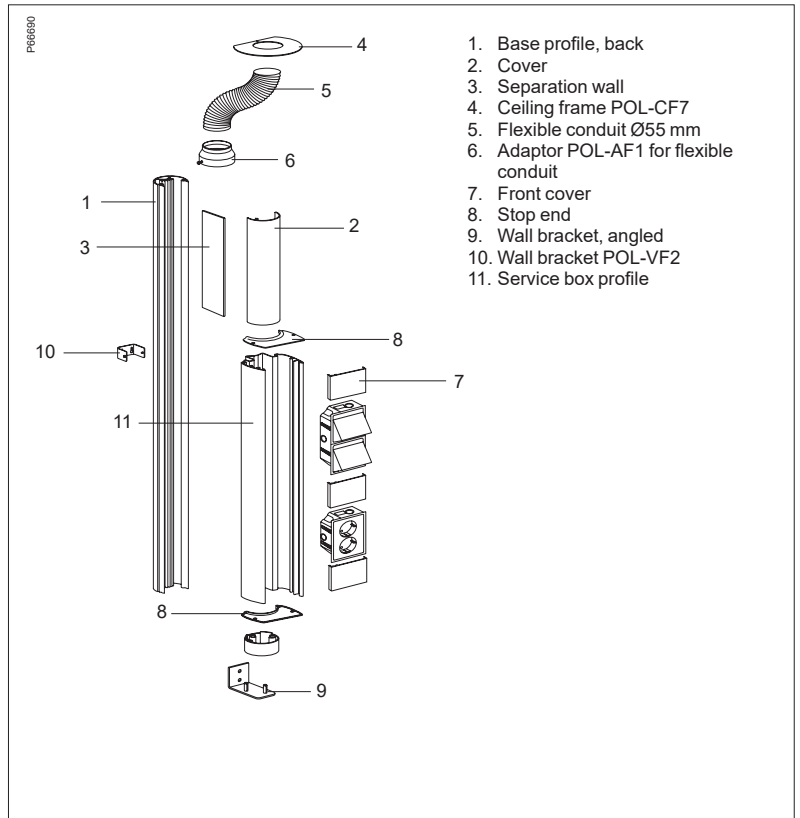
1. Base profile
2. Cover
3. Separation wall
4. Ceiling frame POL-CF6
5. Ceiling frame ISM20812P
6. Flexible conduit Ø55 mm
7. Adaptor POL-AF1 for flexible conduit
8. Front cover
9. Stop end
10. Floor fixing
11. Service box profile
12. Foot ISM20809
13. Foot ISM20808

## POL-OW

### Design and dimensions

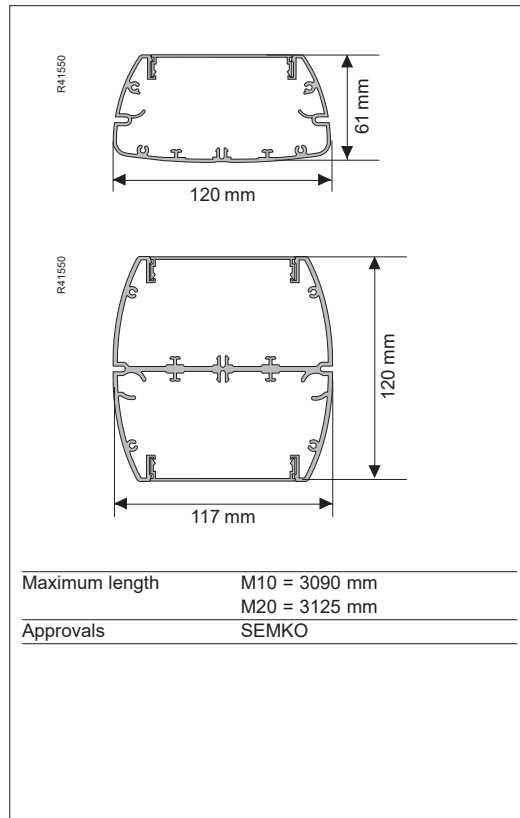


### Exploded view

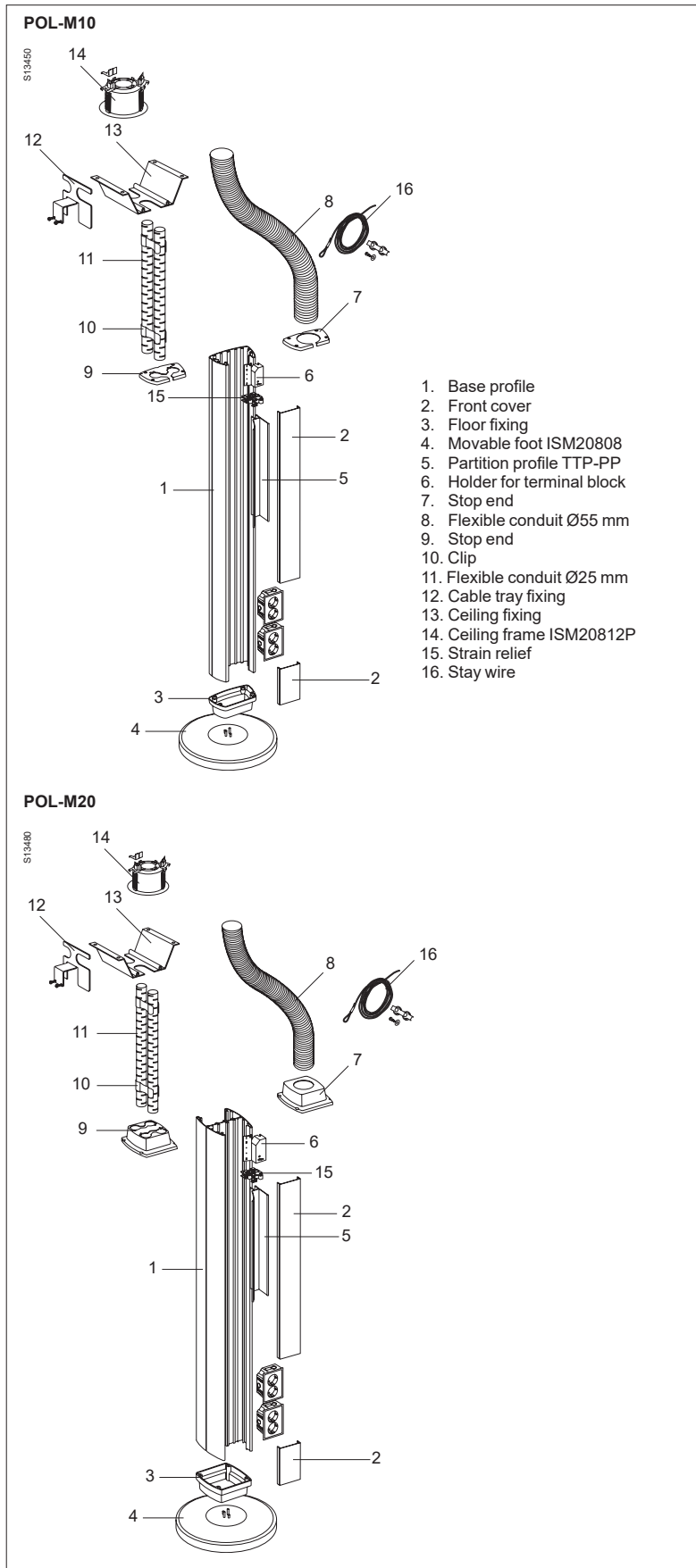


### POL-M10/M20

#### Design and dimensions

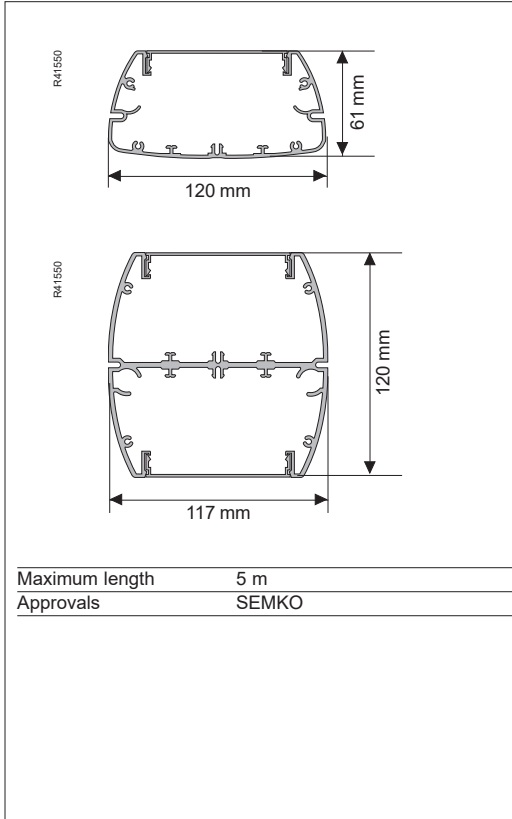


#### Exploded view

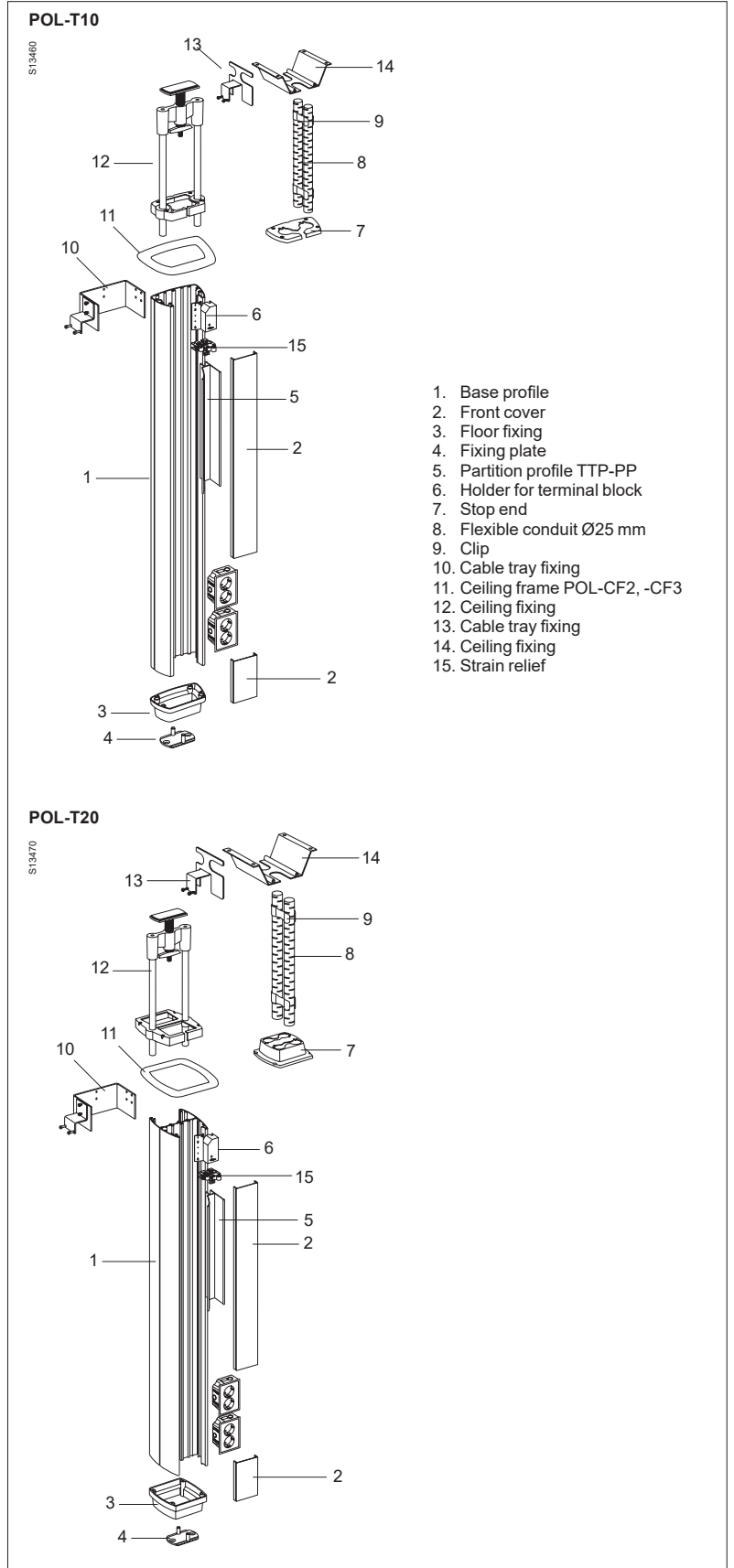


### POL-T10/T20

#### Design and dimensions

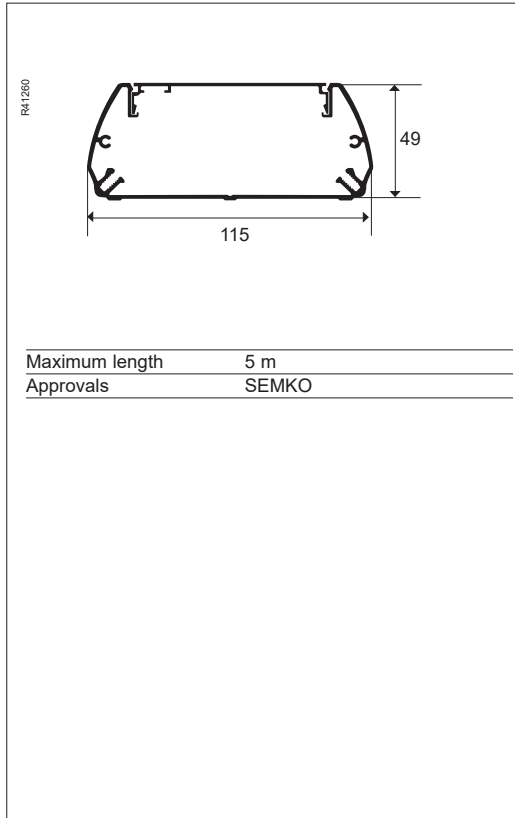


#### Exploded view

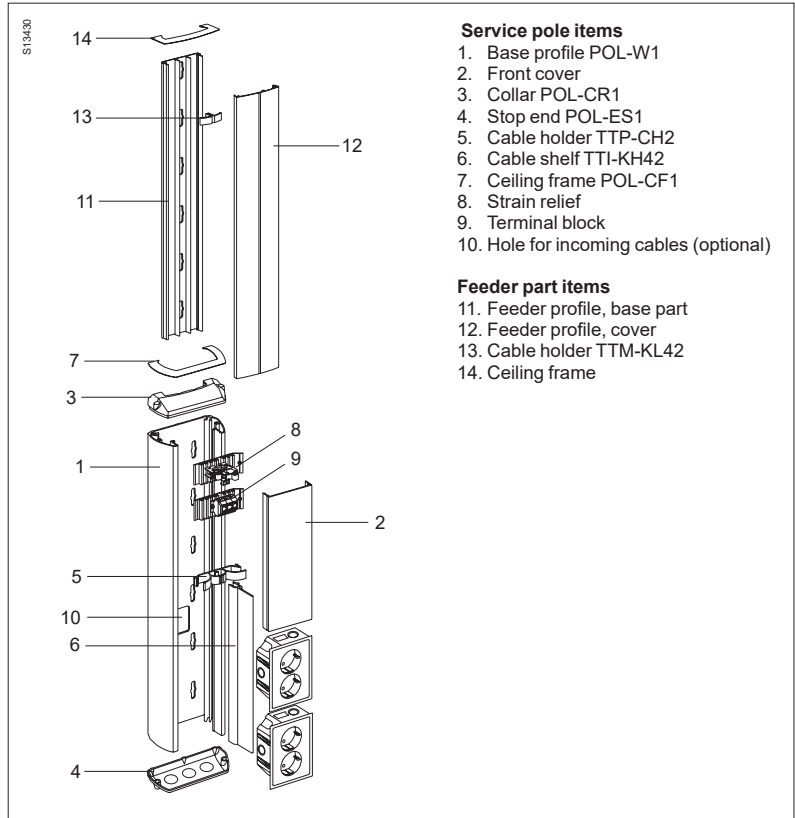


### POL-W1

#### Design and dimensions

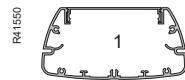


#### Exploded view

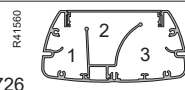


### Cable capacity

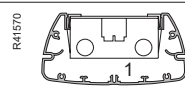
Comp.	Max Ø mm	Cross section area mm <sup>2</sup>	Cable capacity*) mm <sup>2</sup>		
			40%	50%	60%
<b>POL-T10, -M10</b>					
1	49	5303	2121	2651	3182



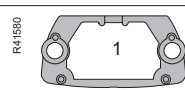
Comp.	Max Ø mm	Cross section area mm <sup>2</sup>	Cable capacity*) mm <sup>2</sup>		
			40%	50%	60%
With partition profile					
1	23	1210	484	605	726
2	31	1877	751	938	1126
3	36	1971	788	985	1182



Comp.	Max Ø mm	Cross section area mm <sup>2</sup>	Cable capacity*) mm <sup>2</sup>		
			40%	50%	60%
With CAN, MIB and CYB boxes, 44 mm deep (external measure)					
1	16	2090	836	1045	1254



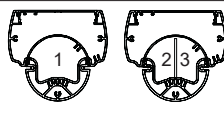
Comp.	Max Ø mm	Cross section area mm <sup>2</sup>	Cable capacity*) mm <sup>2</sup>		
			40%	50%	60%
<b>Ceiling fixing</b>					
1	46	3279	1311	1639	1967



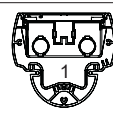
Comp.	Max Ø mm	Cross section area mm <sup>2</sup>	Cable capacity*) mm <sup>2</sup>		
			40%	50%	60%
<b>Flexible conduit</b>					
1 (2x)	23	415	166	208	249



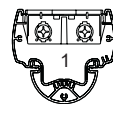
Comp.	Max Ø mm	Cross section area mm <sup>2</sup>	Cable capacity*) mm <sup>2</sup>		
			40%	50%	60%
<b>POL-O, -OM, -OW</b>					
1	40	1793	717	896	1076
2	22	870	348	435	522
3	20	840	336	420	504



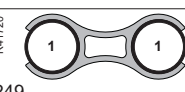
Comp.	Max Ø mm	Cross section area mm <sup>2</sup>	Cable capacity*) mm <sup>2</sup>		
			40%	50%	60%
With CAN, MIB and CYB boxes, 44 mm deep (external measure)					
1	22	1856	724	928	1114



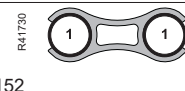
Comp.	Max Ø mm	Cross section area mm <sup>2</sup>	Cable capacity*) mm <sup>2</sup>		
			40%	50%	60%
With CYB boxes, 32 mm deep (external measure)					
1	33	2614	1046	1307	1568



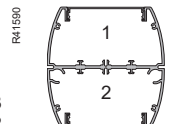
Comp.	Max Ø mm	Cross section area mm <sup>2</sup>	Cable capacity*) mm <sup>2</sup>		
			40%	50%	60%
<b>Flexible conduit Ø25</b>					
1	23	415	166	208	249



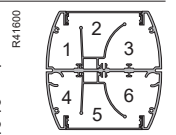
Comp.	Max Ø mm	Cross section area mm <sup>2</sup>	Cable capacity*) mm <sup>2</sup>		
			40%	50%	60%
<b>Flexible conduit Ø20</b>					
1	18	254	102	127	152



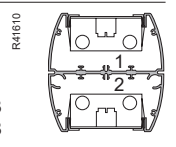
Comp.	Max Ø mm	Cross section area mm <sup>2</sup>	Cable capacity*) mm <sup>2</sup>		
			40%	50%	60%
<b>POL-T20, -M20</b>					
1	50	5622	2249	2811	3373
2	50	5320	2128	2660	3192



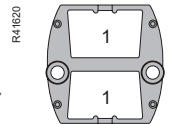
Comp.	Max Ø mm	Cross section area mm <sup>2</sup>	Cable capacity*) mm <sup>2</sup>		
			40%	50%	60%
With partition profile					
1	32	1374	550	687	824
2	30	1735	694	867	1041
3	41	2187	875	1093	1312
4	29	1220	488	610	732
5	30	1735	694	867	1041
6	39	2033	813	1016	1220



Comp.	Max Ø mm	Cross section area mm <sup>2</sup>	Cable capacity*) mm <sup>2</sup>		
			40%	50%	60%
With CAN, MIB and CYB boxes, 44 mm deep (external measure)					
1	21	2439	975	1219	1463
2	17	2131	852	1065	1278



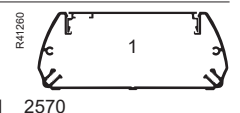
Comp.	Max Ø mm	Cross section area mm <sup>2</sup>	Cable capacity*) mm <sup>2</sup>		
			40%	50%	60%
<b>Ceiling fixing (POL-T20)</b>					
1 (2x)	46	7096	2838	3548	4257



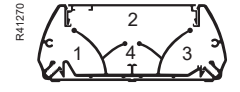
Comp.	Max Ø mm	Cross section area mm <sup>2</sup>	Cable capacity*) mm <sup>2</sup>		
			40%	50%	60%
<b>Flexible conduit</b>					
1 (2x)	23	415	166	208	249



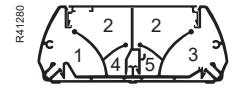
Comp.	Max Ø mm	Cross section area mm <sup>2</sup>	Cable capacity*) mm <sup>2</sup>		
			40%	50%	60%
<b>POL-W1</b>					
1	44	4283	1713	2141	2570



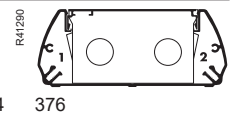
Comp.	Max Ø mm	Cross section area mm <sup>2</sup>	Cable capacity*) mm <sup>2</sup>		
			40%	50%	60%
With cable holder TTP-CH2					
1, 3	22	160	64	80	96
2	25	288	115	144	173
4	20	103	41	52	62



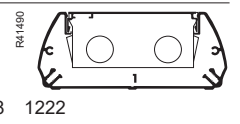
Comp.	Max Ø mm	Cross section area mm <sup>2</sup>	Cable capacity*) mm <sup>2</sup>		
			40%	50%	60%
With cable holder TTP-CH2 and cable shelf TTI-KH42					
1, 3	22	160	64	80	96
2	25	125	50	63	75
4	18	172	69	86	103
5	8	126	50	63	76



Comp.	Max Ø mm	Cross section area mm <sup>2</sup>	Cable capacity*) mm <sup>2</sup>		
			40%	50%	60%
With CAN, MIB and CYB boxes, 44 mm deep (external measure)					
1, 2	12	519	151	314	376



Comp.	Max Ø mm	Cross section area mm <sup>2</sup>	Cable capacity*) mm <sup>2</sup>		
			40%	50%	60%
With CYB boxes, 32 mm deep (external measure)					
1	13	2037	815	1018	1222



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

### Cross section area, mm<sup>2</sup>

Round cable Ø mm	Number of cables									
	1	2	3	4	5	6	7	8	9	10
3	7.1	14.2	21.3	28.4	35.5	42.6	49.7	56.8	63.9	71.0
4	12.6	25.2	37.8	50.4	63.0	75.6	88.2	101	113	126
5	19.6	39.2	58.8	78.4	98.0	118	137	157	176	196
6	28.3	56.6	84.9	113	142	170	198	226	255	283
7	38.5	77.0	116	154	193	231	270	308	347	385
8	50.0	100	150	200	250	300	350	400	450	500
9	63.7	127	191	255	319	382	446	510	573	637
10	78.5	157	236	314	393	471	550	628	707	785
11	95	190	285	380	476	570	665	760	855	950
12	113	226	339	452	565	678	791	904	1017	1130
13	133	266	399	532	665	798	931	1064	1197	1330
14	154	308	462	616	770	924	1078	1232	1386	1540
15	177	354	531	708	885	1062	1239	1416	1593	1770
16	201	402	603	804	1005	1206	1407	1608	1809	2010
17	227	454	681	908	1135	1362	1589	1816	2043	2270
18	255	510	765	1020	1275	1530	1785	2040	2295	2550
19	284	568	852	1136	1420	1704	1988	2272	2556	2840
20	315	630	945	1260	1575	1890	2205	2520	2835	3150
<b>Oval cable mm</b>										
2 x 3	5.2	10.4	15.6	20.8	26	31.2	36.4	41.6	46.8	52
2 x 5	9.2	18.4	27.6	36.8	46	55.2	64.4	73.6	82.8	92
3 x 6	16.1	32.2	48.3	64.4	80.5	96.6	112.7	128.8	144.9	161
4 x 7	24.6	49.2	73.8	98.4	123	147.6	172.2	196.8	221.4	246



# Service posts



### Description

The service posts type Thorsman POS have been designed to handle the supply of power and communication cables for modern, flexible office solutions.

They offer large capacity on a minimal floor-area, with easy access to the service content, which is of Thorsman CYB type.

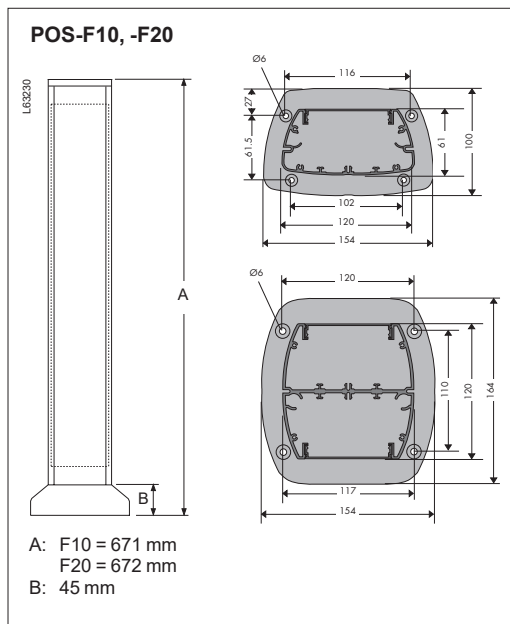
The posts are supplied pre-wired, specified in the pre-wired systems configurator Combinum. Each pre-wired and factory-produced service post is supplied with a unique serial number, to facilitate identification, additional orders, etc.

There is also a number of pre-defined standard posts available for fast delivery.

### POS-F10/F20

POS-F10 is a slim one-sided post and POS-F20 a two-sided post for enhanced capacity. Both posts have longitudinal screw slots that can be provided with decorative strips.

### Design & dimensions



## Empty service posts

Empty, free-standing service post mounted on a foot. Including aluminium front cover, stop end part and mounting instructions. Also including gasket ring. Unearthed. Supplied without service content and cables.  
Material: Aluminium.

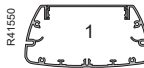
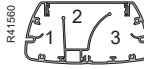


P72850



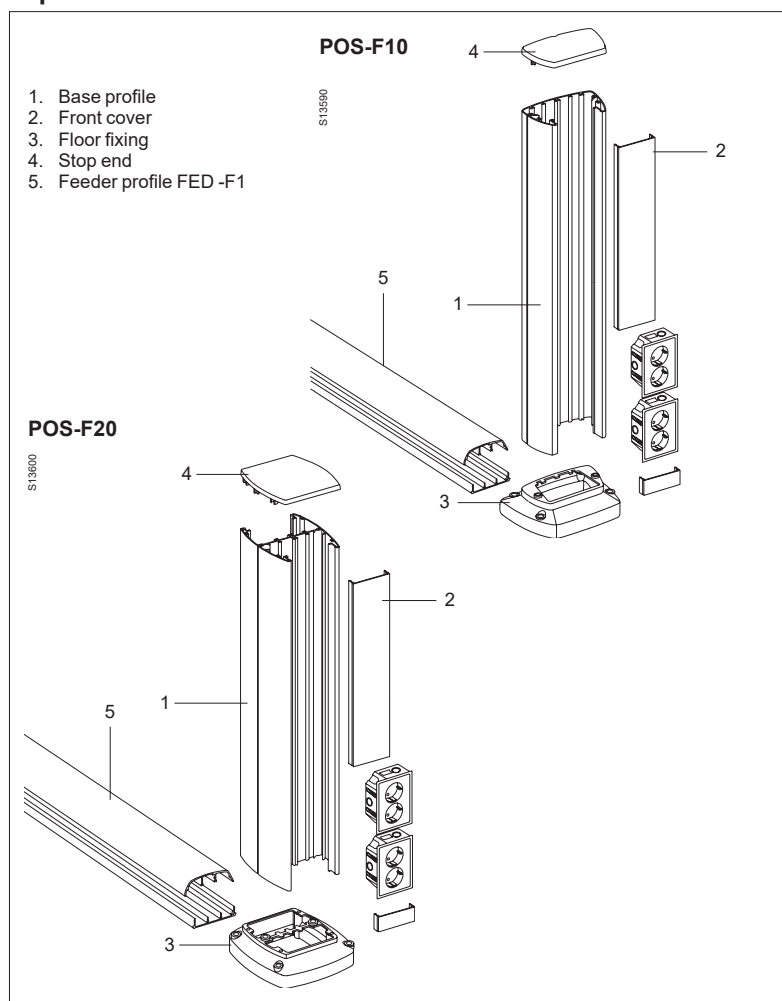
P72851

POS-F10 One-sided	Anodized White RAL 9010	671/100/154	1	7315885868328 7315880103103	<b>5868320</b> <b>5868321</b>
POS-F20 Two-sided	Anodized	672/164/154	1	7315885868427	<b>5868420</b>

### Cable capacity

Comp.	Max Ø mm	Cross section area mm <sup>2</sup>	Cable capacity mm <sup>2</sup>		
			40%	50%	60%
<b>POS-F10</b>					
					
1	49	5303	2121	2651	3182
With partition profile					
					
1	23	1210	484	605	726
2	31	1877	751	938	1126
3	36	1971	788	985	1182
With CAN, MIB and CYB boxes, 44 mm deep (external measure)					
1	16	2090	836	1045	1254
<b>POS-F20</b>					
					
1	50	5622	2249	2811	3373
2	50	5320	2128	2660	3192
With partition profile					
					
1	32	1374	550	687	824
2	30	1735	694	867	1041
3	41	2187	875	1093	1312
4	29	1220	488	610	732
5	30	1735	694	867	1041
6	39	2033	813	1016	1220
With CAN, MIB and CYB boxes, 44 mm deep (external measure)					
1	21	2439	975	1219	1463
2	17	2131	852	1065	1278

### Exploded views



### Standards & approvals

Standard	SS 424 10 32
Approval	SEMKO
	VDE pending.

### Material data POS-F10 and -F20

Base profile, front cover, floor fixing, stop end	Material	Aluminium SS 4104
	Surface treatment	Anodizing or powder coating
	Colour spec.	<ul style="list-style-type: none"> <li>Natural anodizing</li> <li>White RAL 9016</li> </ul> (Except empty posts, which are white RAL 9010)
Foot	Material	Cast iron
	Surface treatment	Coated with clear varnish

### Operative data

Temperature range	From -15°C to +60°C
Suitable outdoors	No
Degree of protection	IP30
Electrical data	230/400V, 16 A

Floor  
outlet  
boxes



### Floor outlet boxes UFB-700 & -900

#### Description

UFB-700 and UFB-900 are floor outlet boxes for dry premises with an in-cavity floor or a raised access floor. For casting in concrete, the floor outlet boxes should be used in conjunction with screeded floor box UFB-IG or former UFB-RF.

The rectangular UFB-700 is 220x310 mm and the square UFB-900 is 310x310 mm. The dimension of the hole in the floor is 201x292 ±1 mm for UFB-700 and 292x292 ±1 mm for UFB-900.

The required smallest installation depth for the floor outlet boxes is 110 mm and the greatest internal depth 54 mm.

The boxes are based on a grid for the outlets and connections, completed by a trim frame with a lid.

#### Grid

The grid has three F80® openings for CYB outlets for power, telecom and data.

#### Trim frame and lid

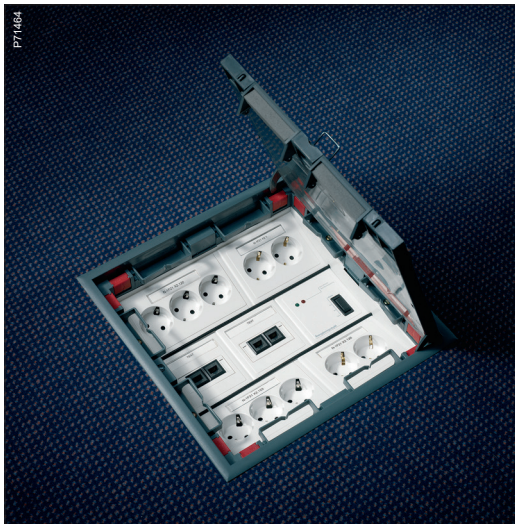
The lid that can be trimmed with any material of up to 8 mm thickness. Note, however, that hard, brittle materials like stone should be avoided, since there is a risk that they might crack.

The trim frame is provided with a flange that bears upon the flooring to conceal the edge of the hole and to outbalance the loads exerted on the box.






In the 80° opening position the lid is self-closing. When required, the lid can be kept open or completely removed by pressing down the red buttons at the hinges.

The lid is reinforced by of 4 mm thick sheet steel inlay. The strength has been tested according to DIN VDE 0634 Part 1 and it fulfils requirements according to PSA Specification MOB PF2 Jan. 1992.

Description of the strength tests and test results are available on request.



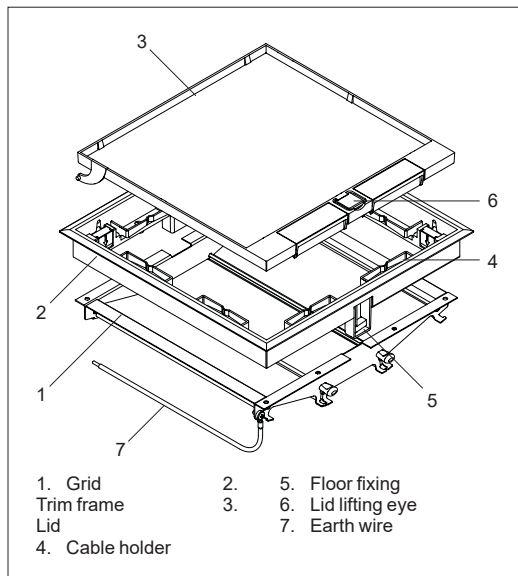
## UFB-700 & -900

Type	Colour	Dimensions A/B/C (mm)		Qty per package	EAN code	Ref. No.
<b>Floor outlet box</b>						
Complete floor outlet box including grid, trim frame and lid, with the grid mounted onto the trim frame. Suitable for raised access floors, in-cavity floors and screeded floors with a minimum height of 110 mm; in the latter case in combination with screeded floor box UFB-IG or former UFB-RF. Grid infills UFB-L165 or UFB-L252 to be used to fill empty openings in the grid. Material: PA6, sheet steel, extruded aluminium.						
 P106171	<b>UFB-700</b>	Grey RAL 7011	73/220/310	1	7332418020336	<b>5197005</b>
 P106170	<b>UFB-900</b>	Grey RAL 7011	73/310/310	1	7332418020343	<b>5197055</b>
<b>Cable outlet</b>						
Cable outlet kit, to be used if a cable outlet of UFB-700 or -900 has to be exchanged. Material: PA6.						
 P11055	<b>UFB-CO</b>	Grey RAL 7011	32/78/35	1	7315885150775	<b>5150770</b>
<b>Former</b>						
Former to be used when making cavities in in-cavity floors, or as an alternative to a screeded floor box in screeded floors. To be placed on the floor slab before the concrete is poured. As soon as the concrete has hardened, the former can be removed. Material: EPS (foamed).						
 P67886	<b>UFB-RF</b> For UFB-700	White	115/250/340	5	7315885197916	<b>5197910</b>
	<b>UFB-RF</b> For UFB-900	White	115/340/340	5	7315885197923	<b>5197920</b>

# UFB-700, UFB 900

## Description

### Exploded view UFB-700 & -900



### Degree of protection

Complies with IP20 in accordance with IEC 529.

### Cable capacity

2x600 mm<sup>2</sup> max. cable Ø 14 mm.

### Standards

- DIN VDE 0634 Teil 1
- PSA Specification MOB PF2 PS, Jan 1990

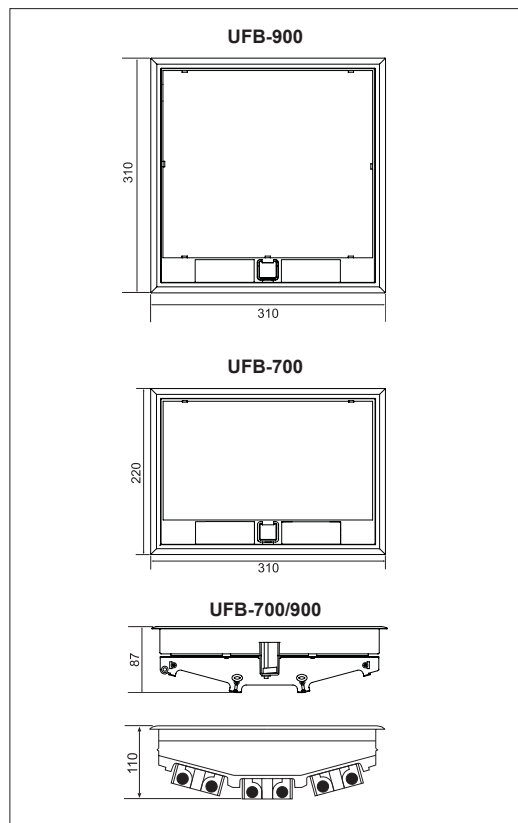
### Approvals

VDE.

### Material data

Extruded aluminium	Specification:	AlMg 0.5 Si (AA 6063)
Sheet steel	Specification:	S 235 JR
	Surface treatment:	Galvanized Z275
Steel (lid plate)	Specification:	S 350 GD
	Material thickness:	4 mm
	Surface treatment:	Galvanized Z 275
Spring steel (lid lifting handle)	Specification:	DIN 17223
	Surface treatment:	Electroplated Fe/Zn 5 c1
PC/ABS	Fire rating	UL 94 HB (halogen-free)
	Colour	White RAL 9016
PA6	Fire rating:	UL 94 V-2 (halogen-free)
	Colours:	•Grey RAL 7011 (≈NCS 6905-B05G) •Red
PA6.6 with 30% glass-fibre	Fire rating:	UL 94 HB (0.79 mm halogen-free)
	Colour:	Grey RAL 7011 (≈NCS 6905-B05G)
Fireflex (foam cushion)	Specification:	S305+4610 B1
	Colour:	Grey
EPS S15 (foamed polystyrene)	Colour:	White

### Design and dimensions



### Operative data

Compatible with	<ul style="list-style-type: none"> <li>• Floors approved for dry premises.</li> <li>• Raised access floors (RAF), in-cavity floors, screeded floors in conjunction with UFB-IG or UFB-RF.</li> <li>• Boxes CYB and MIB.</li> <li>• Outlet system CYB and standard outlets.</li> </ul>
Not compatible with	<ul style="list-style-type: none"> <li>• Floors approved to withstand water.</li> <li>• Floors with a smaller construction height than 110 mm.</li> <li>• Standard outlets with larger covering plates than 84 mm.</li> </ul>



### Floor outlet boxes UFB-700M, & -900M

#### Description

UFB-700M and 900M are floor outlet boxes made of stainless steel, intended for in-cavity floors or raised access floors. The boxes are mainly intended for dry premises, but if provided with a centre-positioned cable exit and completed by a special sealing, they can also be used in wet-cleaned applications. For casting in concrete, the boxes should be used in conjunction with screeded floor box UFB-IG.

#### Trim frame and lid



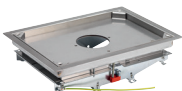


The trim frame is provided with a flange that bears upon the flooring to conceal the edge of the hole and to outbalance the loads exerted on the box.

The lid is available in two thicknesses, 15 mm and 25 mm, and with a cable exit position either in the centre or on the side. The centre cable exit can be completed by a cable exit unit with or without spacer tube.


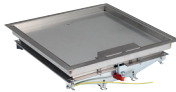




#### Grid

The grid has three F80® openings for CYB outlets for power, telecom and data.

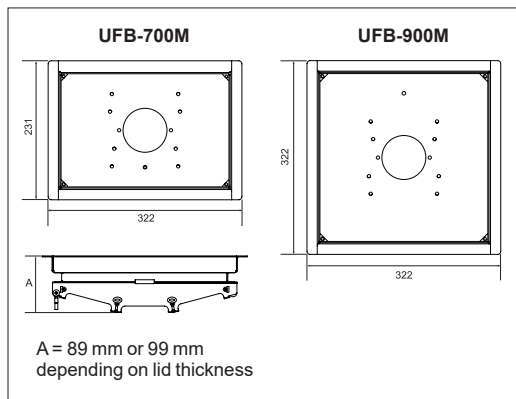


UFB-700M						
Type	Colour	Dimensions A/B/C (mm)		Qty per package	EAN code	Ref. No.
<b>Floor outlet box for dry applications</b>						
P106172  	Complete floor outlet box including grid, trim frame and lid, supplied with earth cable, floor fixings and fixing screws. The lid is provided with a cable exit in side position and can be trimmed with optional floor material up to 15 or 25 mm thickness respectively. Suitable for dry applications in raised access floors, in-cavity floors and screeded floors with a minimum height of 115 or 125 mm respectively; in screeded floors in combination with screeded floor box UFB-IG and installation cover UFB-MP for UFB-700. Material: Stainless steel X5 CrNi 18-10.					
	<b>UFB-700M</b>	—	89/231/322	1	7332418020206	<b>5198715</b>
	<b>UFB-700M</b>	—	99/231/322	1	7332418020220	<b>5198725</b>
<b>Floor outlet box for wet-cleaned floors</b>						
P106173  	Complete floor outlet box including grid, trim frame and lid, supplied with earth cable, floor fixings and fixing screws. The lid is provided with a cable exit in centre position, suitable for cable exit unit with or without spacer tube, and can be trimmed with optional floor material up to 15 or 25 mm thickness respectively. Suitable for wet-cleaned raised access floors, in-cavity floors and screeded floors with a minimum height of 115 or 125 mm respectively; in screeded floors in combination with screeded floor box UFB-IG and and installation cover UFB-MP for UFB-700. Material: Stainless steel X5 CrNi 18-10.					
	<b>UFB-700M</b>	—	89/231/322	1	7332418020282	<b>5198716</b>
<b>Cable exit unit without spacer tube</b>						
P67682  	Cable exit unit without spacer tube, for UFB-700M and 900M with a centre-positioned cable exit. The cover of the unit is provided with two cavities, suitable for a special opening tool. The tool is supplied with the product. Material: Aluminium AlMg 0.5 Si (AA 6063).					
	<b>UFB-CE</b>	Anodized	15/Ø96	1	7315885198104	<b>5198100</b>
<b>Former</b>						
P67686  	Former to be used when making cavities in in-cavity floors, or as an alternative to a screeded floor box in screeded floors. To be placed on the floor slab before the concrete is poured. As soon as the concrete has hardened, the former can be removed. Material: EPS (foamed).					
	<b>UFB-RF</b>	White	115/250/340	5	7315885197916	<b>5197910</b>

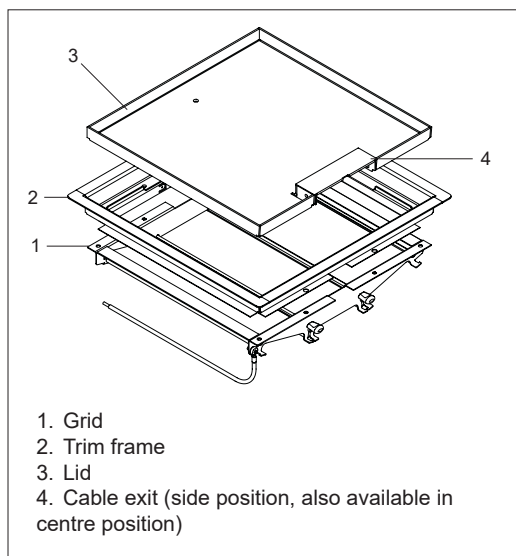
## UFB-900M

Type	Colour	Dimensions A/B/C (mm)		Qty per package	EAN code	Ref. No.
<b>Floor outlet box for dry applications</b>						
Floor outlet box including grid, trim frame and lid, supplied with earth cable, floor fixings and fixing screws. The lid is provided with a cable exit in side position and can be trimmed with optional floor material up to 15 or 25 mm thickness respectively. Suitable for dry applications in raised access floors, in-cavity floors and screeded floors with a minimum height of 115 or 125 mm respectively; in screeded floors in combination with screeded floor box UFB-IG and and installation cover UFB-MP for UFB-900. Material: Stainless steel X5 CrNi 18-10.						
	—	89/322/322		1	7332418020244	<b>5198915</b>
15 mm lid with side exit						
	—	99/322/322		1	7332418020268	<b>5198925</b>
25 mm lid with side exit						
<b>Floor outlet box for wet-cleaned floors</b>						
Floor outlet box including grid, trim frame and lid, supplied with earth cable, floor fixings and fixing screws. The lid is provided with a cable exit in centre position, suitable for cable exit unit with or without spacer tube, and can be trimmed with optional floor material up to 15 or 25 mm thickness respectively. Suitable for wet-cleaned raised access floors, in-cavity floors and screeded floors with a minimum height of 115 or 125 mm respectively; in screeded floors in combination with screeded floor box UFB-IG and installation cover UFB-MP for UFB-900. Material: Stainless steel X5 CrNi 18-10.						
	—	89/322/322		1	7332418020305	<b>5198916</b>
15 mm lid with centre exit						
<b>Cable exit unit without spacer tube</b>						
Cable exit unit without spacer tube, for UFB-700M and 900M with a centre-positioned cable exit. The cover of the unit is provided with two cavities, suitable for a special opening tool. The tool is supplied with the product. Material: Aluminium AlMg 0.5 Si (AA 6063).						
	Anodized	15/Ø96		1	7315885198104	<b>5198100</b>
For 15 mm lid						
<b>Former</b>						
Former to be used when making cavities in in-cavity floors, or as an alternative to a screeded floor box in screeded floors. To be placed on the floor slab before the concrete is poured. As soon as the concrete has hardened, the former can be removed. Material: EPS (foamed).						
	White	115/340/340		5	7315885197923	<b>5197920</b>
For UFB-900						

### Design and dimensions



### Exploded view



### Dimensions

	External dim., mm	Dim. of hole in floor, mm	Smallest inst. depth, mm
UFB-700M, lid 15	231x322	201x292 ±1	115
UFB-700M, lid 25	231x322	201x292 ±1	125
UFB-900M, lid 15	322x322	292x292 ±1	115
UFB-900M, lid 25	322x322	292x292 ±1	125

The greatest internal depth is 52 mm.

### Degree of protection

Complies with IP20 in accordance with IEC 529.

### Cable capacity

UFB-700M/900M	Cable exit in side position: one 14x97 mm (1358 mm <sup>2</sup> )
	Cable exit in centre position
	– with spacer tube: two 12x40 mm (2x480 mm <sup>2</sup> )
	– without spacer tube: one Ø67 mm

### Standards

- DIN VDE 0634 Teil 1
- PSA Specification MOB PF2 PS, Jan 1990

### Material data

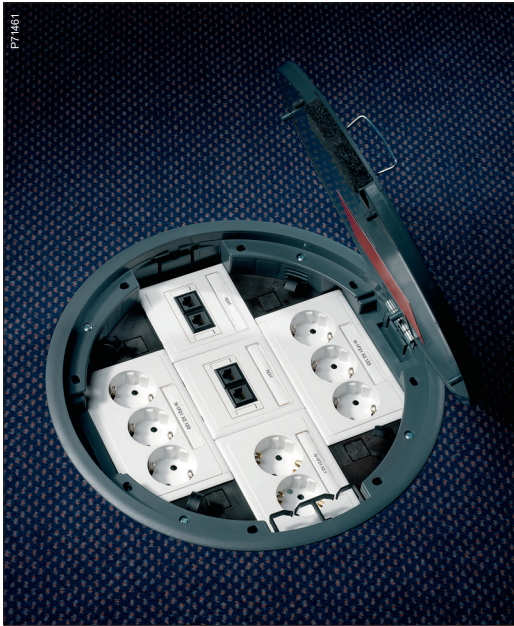
Extruded aluminium	Specification:	AlMg 0.5 Si (AA 6063)
Aluminium	Specification:	AlMg 0.5 Si (AA 6063)
	Surface treatment:	Anodizing
Sheet steel	Specification:	S 235 JR
	Surface treatment:	Galvanized Z275
Stainless steel	Specification:	X5CrNi 18-10
PC/ABS	Fire rating:	UL 94 HB (halogen-free)
	Colour:	White RAL 9016
Foam rubber	Colour:	Black

### Operative data

- Compatible with
- Raised access floors (RAF) and in-cavity floors
  - Screeded floors in conjunction with UFB-IG
  - Floors approved for dry premises (NOTE! Boxes provided with a sealing and with cable exit in centre position can be used in floors approved for wet cleaning)
  - Boxes CYB and MIB.
  - Outlet system CYB and standard outlets.
- Not compatible with
- Floors with a smaller construction height than
    - 115 mm for UFB-700M/900M with 15 mm lid
    - 125 mm for UFB-700M/900M with 25 mm lid
  - Standard outlets with larger covering plates than 84 mm.

# UFB-800

## Presentation



### Floor outlet box UFB-800

#### Description

UFB-800 is a round floor outlet box for dry premises. For casting in concrete, UFB-800 should be used with screeded floor box UFB-IG or former UFB-RF.

UFB-800 requires a minimum depth of 70 mm in a finished floor and a hole with a diameter of  $305 \pm 1$  mm.

#### Grid

The grid holds up to twelve outlets for 230 V (CYB-PS triple Schuko). In the three F80® openings in the grid, five standard outlets  $\square 84$  mm, can be installed. The grid also has four 17.5x18.2 mm knockouts for Actassi modular outlets.

The grid is attached to matrix positions in the trim frame with four combined lifting handles/fasteners. The matrices have a pitch of 5 mm and require a floor depth from 70 to 100 mm. The internal unobstructed depth of the floor outlet box is then 15 to 45 mm. A minimum floor depth of 75 mm is required for an angled standard plug in a schuko outlet, and a floor depth of at least 85 mm is required for an angled data cover (CYB-BK1).

The grid can be detached from the trim frame and lid, which means that it can be supplied separately and installed in conjunction with other installation work.

#### Trim frame and lid

The trim frame is available in two different colours, with a lid that can be trimmed with any material of up to 5 mm thickness. The patented floor fixing devices function irrespective of the depth of the floor or the type of wall in the hole. The floor fixing expands as the screw is inserted, giving a large contact surface and permitting attachment in both hard and porous floor materials.


The trim frame is provided with a flange that bears upon the flooring to conceal the edge of the hole and to outbalance the loads exerted on the box.

The lid can be opened in two positions; either through 80°, in which case it is self-closing, or through 180° during service. The lid can be installed facing in four directions (at 90° intervals) without having to rotate the installation.

The lid is reinforced with a 4 mm sheet steel plate. The strength has been tested according to DIN VDE 0634 Part 1 and it fulfils requirements according to PSA Specification MOB PF2 Jan. 1992.

Description of the strength tests and test results are available on request.

## UFB-800 with accessories

Type	Colour	Dimensions A/B/C (mm)		Qty per package	EAN code	Ref. No.
<b>Floor outlet box, complete</b>						
Complete floor outlet box including grid, trim frame and lid. The lid can be installed in four positions. The grid has three F80® openings (1x284 and 2x142) for installation of power, telecommunications and data outlets, and four 17.5x18.2 mm knockouts for Actassi modular outlet. The knockouts can also be used for conduits when an uninterrupted cable is to pass through the box. The grid is snapped into the trim frame and is adjustable in seven steps from 70 mm to 100 mm. Grid infill UFB-L142 to be used to fill empty openings in the grid. Suitable for raised access floors, in-cavity floors and screeded floors with a minimum height of 70 mm; in the latter case in combination with screeded floor box UFB-IG. Material: PA/ABS, PA6.6 with 35% glass-fibre, sheet steel S 350 GD.						
<b>UFB-800</b>	Grey Anthracite	64/Ø329		1	7315885197107 7315880044512	<b>5197100</b> <b>5197104</b>
<b>Former</b>						
Former to be used instead of core-drilling in in-cavity floors, or as an alternative to a screeded floor box in screeded floors. Material: EPS (foamed).						
<b>UFB-RF</b>	White	120/Ø305		5	7315880053309	<b>5197915</b>

P8768B



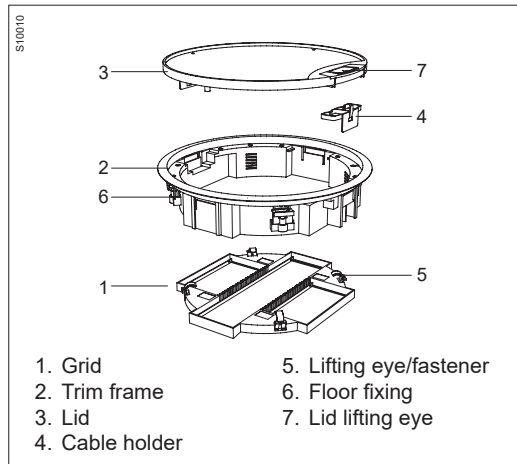
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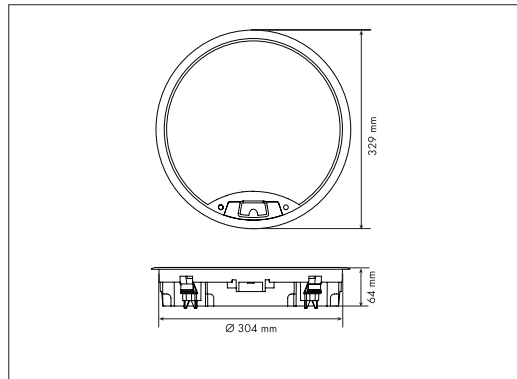
# UFB -800

## Technical description

### Exploded view UFB-800



### Design and dimensions



### Degree of protection

Complies with IP20 in accordance with IEC 529.

### Cable capacity

1200 mm<sup>2</sup> max. Ø 13 mm in the cable exit.

### Standards

- DIN VDE 0634 Teil 1
- PSA Specification MOB PF2 PS, Jan 1990

### Material data

PA6.6 with 35% glass-fibre	Fire rating:	UL 94 V-0 (halogen-free)
	Colour:	Black
PA6.6 with 30% glass-fibre	Fire rating:	UL 94 HB (0.79 mm halogen-free)
	Colour:	Black
PA6 med 15% glass-fibre (insulation)	Fire rating:	UL 94 HB
	Colour:	Black
PA6 (cable holder)	Fire rating:	UL 94 V-2 (halogen-free)
	Colour:	Black
PA/ABS	Fire rating:	UL 94 HB (halogen-free)
	Colours:	Grey RAL 7011 (≈NCS 6905-B05G) Anthracite RAL 7016 (≈NCS 7905-B02G)
PC/ABS	Fire rating:	UL 94 V-0 (1.6 mm halogen-free)
	Colours:	White RAL 9016
Steel (lid plate)	Specification:	S 350 GD
	Material thickness:	4 mm
	Surface treatment:	Galvanized Z 275
Steel (hinge)	Specification:	S 235 JR
	Surface treatment:	Galvanized
Spring steel (lid lifting handle)	Specification:	DIN 17223
	Surface treatment:	Fe/Zn 5 c1
Aluminium (cutting template)	Specification:	AlSi 1.5 Mn
	Colour:	Natural
Fireflex (foam cushion)	Specification:	S305+4610 B1
	Colour:	Grey
EPS S15 (polystyrene)	Colour:	White

### Operative data

Compatible with	<ul style="list-style-type: none"> <li>• Floors approved for dry cleaning.</li> <li>• Raised access floors (RAF), in-cavity floors, screeded floors in conjunction with UFB-IG or former UFB-RF.</li> <li>• Boxes CYB and MIB.</li> <li>• Outlet system CYB and standard outlets.</li> </ul>
Not compatible with	<ul style="list-style-type: none"> <li>• Floors approved to withstand water.</li> <li>• Floors with a smaller construction height than 70 mm.</li> <li>• Standard outlets with larger covering plates than 84 mm.</li> </ul>

## UFB-IG with accessories

Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
<b>Screeded floor box for floors 70–110 mm</b>					
<p>Screeded floor box for floor embedment in screeded floors from 70 to 110 mm thickness. For floors thicker than 110 mm, add spacer frame UFB-MG as an enhancement. The box height is adjustable, the adjustment being made in all four corners to make it possible to always level the box to the finished floor. The box is supplied including spacer frame and three blank plates UFB-AP. Suitable for floor outlet boxes type UFB and service posts type POS mounted in mounting plate UFB-MP. Material: Sheet steel S 235 JR, aluminium AC - AISi 9 Cu 3 (Fe).</p>					
<b>UFB-IG</b>	Galvanized	110/455/455	1	7315885197565	<b>5197560</b>
<b>Screeded floor box for floors 110–150 mm</b>					
<p>Screeded floor box for floor embedment in screeded floors from 110 to 150 mm thickness. For floors thicker than 150 mm, add spacer frame UFB-MG as an enhancement. The box height is adjustable, the adjustment being made in all four corners to make it possible to always level the box to the finished floor. The box is supplied including spacer frame and three blank plates UFB-AP. Suitable for floor outlet boxes type UFB and service posts type POS mounted in mounting plate UFB-MP. Material: Sheet steel S 235 JR, aluminium AC - AISi 9 Cu 3 (Fe).</p>					
<b>UFB-IG</b>	Galvanized	140/455/455	1	7315880047681	<b>5197565</b>
<b>Conduit adaptor</b>					
<p>Adaptor for the connection of 1–4 conduits Ø 50 mm (dimensions acc. to EN 60423) to screeded floor box UFB-IG. When required, the conduit dimension can be reduced by reduction sleeve UFB-RM. All conduit entrances are provided with knock-out opening. Material: PP.</p>					
<b>UFB-AP</b>	Yellow	55/40/257	10	7315885197756	<b>5197755</b>
<b>Reduction sleeve</b>					
<p>Reduction sleeve for the connection of conduits in adaptor UFB-AP. The reduction sleeve is available for four different conduit dimensions: Ø 16, Ø 20, Ø 32 and Ø 40 mm (dimensions acc. to EN 60423). The hole for the conduit connection is positioned at the bottom edge of the reduction sleeve, for a steady position of the conduit. Material: PP.</p>					
<b>UFB-RM</b> For conduits Ø 20 mm	Yellow	Ø50/39	10	7315880046820	<b>5197825</b>
<b>UFB-RM</b> For conduits Ø 32 mm	Yellow	Ø50/39	10	7315885197831	<b>5197830</b>

PG7695




PG7900

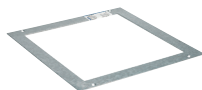


PG7901



## UFB-IG with accessories

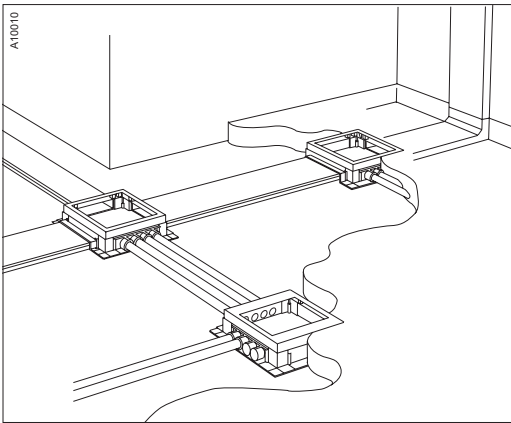
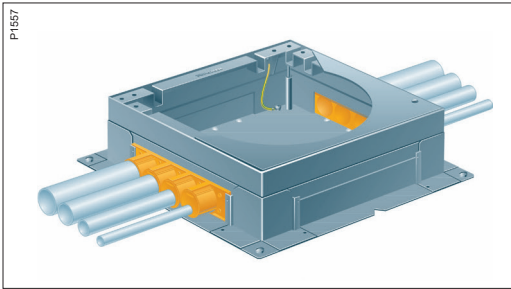
Type	Colour	Dimensions A/B/C (mm)		Qty per package	EAN code	Ref. No.
<b>Installation cover</b>						
Installation cover for UFB floor boxes and service post POS-200, to be mounted in screeded floor box UFB-IG. Material: Sheet steel S 235 JR, zinc coated.						
<b>UFB-MP</b> For UFB-700	Galvanized	3/361/361		1	7315885197787	<b>5197785</b>
<b>UFB-MP</b> For UFB-800	Galvanized	3/361/361		1	7315880046844	<b>5197790</b>
<b>UFB-MP</b> For UFB-900	Galvanized	3/361/361		1	7315885197794	<b>5197795</b>



PE7902

# UFB-IG

## Technical description



### Screeded floor boxes UFB-IG

#### Description

Screeded floor boxes UFB-IG are to be placed on the floor slab, which is then covered by concrete screed (Fig. 1). If the shuttering formwork is to be removed after the casting, the box must be placed with a concrete layer under the box.

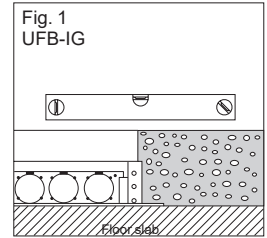
#### UFB-IG

For UFB-IG the minimum depth of the concrete layer should be 70 mm and 110 mm respectively.

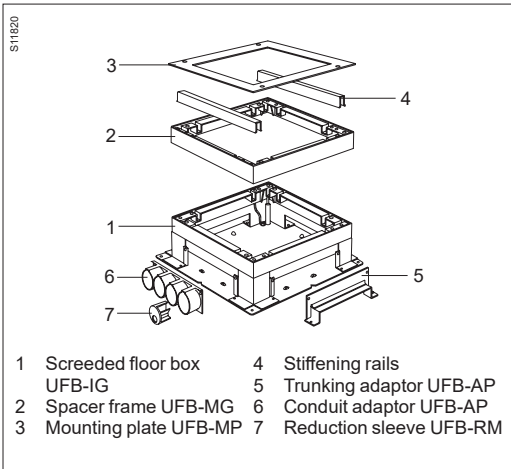
UFB-IG can be continuously adjusted to a height of 70–110 mm and 110–150 mm respectively. By using one or several spacer frames UFB-MG, the depth can be increased in steps of 40 mm per frame.

All four sides of UFB-IG can be opened for connections by using adaptors UFB-AP for various applications. UFB-AP adaptors are available in three different designs for the connection of conduits or trunkings. The conduit adaptor can be adjusted to four different conduit dimensions by using reduction sleeves.

The box is supplied with one side open and the other three sides covered by blank plates, and is provided with a top plate intended to prevent concrete from leaking into the box. After the casting the top plate is to be replaced by installation cover UFB-MP.



### Exploded view



### Standards

Tested to DIN VDE 0634 Teil 1 and PSA.MOB PF2 PS, Jan 1990.

Adaptor UFB-AP and reduction sleeve UFB-RM for conduits with dimensions acc. to EN 60423.

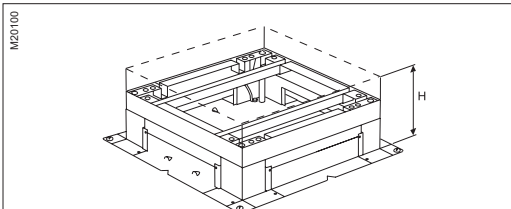
### Material data

Steel	Specification:	S 235 JR
	Surface treatment:	Galvanized
Sheet steel	Specification:	S 235 JR
	Surface treatment:	Zinc (Z275)
Aluminum	Specification:	AC - AISI 9 Cu 3 (Fe)
PP (polypropylene)	Fire rating:	UL 94 HB halogen-free
	Colours:	Yellow NCS 0080-Y20R Blue Grey Natural PP colour

### Cable capacity

	Cable dia. Max Ø	Cross section area, mm <sup>2</sup>	Cable capacity, mm <sup>2</sup>		
			40%	50%	60%
Conduit adaptor UFB-AP	37	1040	416	520	624
Conduit adaptor UFB-AP + UFB-RM 40	35	984	394	492	590
Conduit adaptor UFB-AP + UFB-RM 32	27	606	242	303	364
Conduit adaptor UFB-AP + UFB-RM 20	16	224	90	112	134
Conduit adaptor UFB-AP + UFB-RM 16	13	132	53	66	79

### Design and dimensions



The measure H must not be smaller than the stated minimum screed depth for floor outlet boxes.

Type	H, mm	Remarks
UFB-800	75/85	75 mm for 250 V, 85 mm for angled CYB data
UFB-700/900	110	CYB
UFB-700/900	115	MIB-A1, -A2

### Operative data

Temperature range	From -20 to +60°C
Suitable outdoors	Not suitable
Degree of protection	IP 20
Estimated min. length of service	More than 15 years
Restrictions	Only for the mounting of floor boxes UFB and post POS-200

Dedicated  
wiring  
devices



### Description

Service content type CYB is a system intended for front F80 mounting in service carriers such as perimeter trunking, service poles and posts, service boxes and floor outlet boxes. A choice of products is also available for mounting on recessed c/c 60 mm boxes.

This product document includes socket outlets and switches, as well as accessories like indicating lamps, junction boxes, terminal blocks.

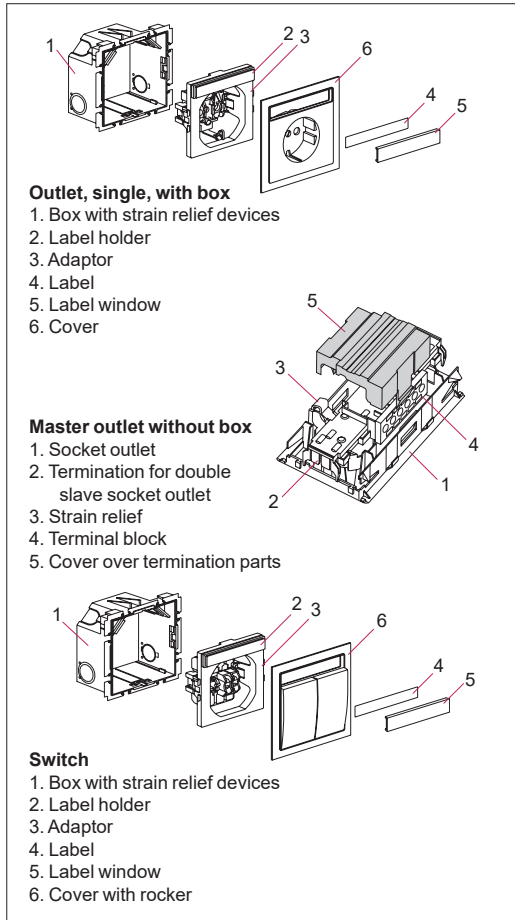
### F80 mounting without box

The master and slave socket outlets are mounted without box. This system consists of a triple master outlet, which can be extended with any number of double slave outlets. The combination is ended by an end piece, which is easily pushed in between the side of the outlet and the front cover.

Marking, termination and strain relief are done on the master socket outlet.



### Exploded views



### Technical data

Electrical data	16 A / 250 V.
Standards	
Connection kit, switch	SS-EN 60669-1
Connection kit, outlet, with overvoltage protector	DIN VDE 0675 Part 6 Class C
Connection kit, outlet	IEC 884-1, DIN 0606
Approvals	
Connection kit, outlet	SEMKO, NEMKO, FIMKO, VDE and KEMA
Connection kit, outlet without child protection	SEMKO, KEMA, VDE
Connection kit, outlet, with overvoltage protector	SEMKO, VDE

### Material data

Material PC/ABS	Density	1.14 g/cm <sup>3</sup>
	Fire rating	UL 94 HB (halogen-free)
Material PA6/ABS	Fire rating	UL 94 HB (halogen-free)
Material PA	Fire rating	UL 94 HB (halogen-free)
Material PA6, 30% glass-fibre	Fire rating	UL 94 HB (halogen-free)
Material PA6, 15% glass-fibre	Fire rating	UL 94 HB
Material ASA	Fire rating	UL 94 HB (halogen-free)
Material ABS DH / AS	Fire rating	UL 94 HB (1.7 mm)
Material PMMA N8	Fire rating	UL 94 HB

### Colour spec.

White RAL 9016	
White RAL 9010	
White RAL 1013	
Light grey	= NCS 1902-Y24R
Greyish-black	= NCS 7603-R74B
Black	= RAL 9005
Red	= NCS 3754-Y97R ≈ RAL 3003
Orange	≈ RAL 2003
Green	≈ RAL 6029
Aluminium metallic	

### Operative data

Temperature range	From -20°C to +40°C
Suitable outdoors	No
Degree of protection	IP20

### Mounting instructions

Mounting instructions are enclosed with the product.	
Connection kit, single	20002500
CYB-AD1	MI 2257
CYB-PB on TED	20017802
CYB-PF	20002995
CYB-PS single on TED	20017191
CYB-PS master/slave	20045620
- overv. prot. TN, term.guide	20046238
- overv. prot. IT, term.guide	20046239





### CYB connection kits, master outlet

P48B1





P48B1



Type	Colour	Dimensions A/B/C (mm)		Qty per package	EAN code	Ref. No.
<b>Triple master socket outlet, push-in</b>						
Triple connection kit including socket/cover plate (in one piece) with earthing system, two strain relief devices, push-in terminal block and label window with label. Also including cover to be fitted over the termination, and end piece that snap-fits on either side of the outlet. Shuttered. Hole pattern 37°. Green, orange and red for priority power supply. To be combined with double slave socket outlets. Material: PC/ABS.						37° 
<b>CYB-PS</b>	White RAL 9016 White RAL 9010 White RAL 1013 Alu metallic Red Black	84/50/142		1	7315885940116 7315880103288 7315880103295 7315880107279 7332418021340 3606481069306	<b>5940110</b> <b>5940111</b> <b>5940112</b> <b>5940113</b> <b>5951679</b> <b>INS60701</b>
<b>CYB-PS</b> Marked DATA	White RAL 9016	84/50/142		1	7315885940154	<b>5940150</b>
<b>CYB-PS</b> With green LED indication	White RAL 9016	84/50/142		1	7315885940253	<b>5940250</b>
<b>Triple master socket outlet, screw</b>						
Triple connection kit including socket/cover plate (in one piece) with earthing system, two strain relief devices, screw terminal block and label window with label. Also including cover to be fitted over the termination, and end piece that snap-fits on either side of the outlet. Shuttered. Hole pattern 37°. To be combined with double slave socket outlets. Material: PC/ABS.						37° 
<b>CYB-PS</b>	White RAL 9016 Alu metallic Black	84/50/142		1	7332418017299 7332418017305 3606481069313	<b>5941500</b> <b>5941505</b> <b>INS60702</b>
<b>CYB-PS</b> Marked DATA	White RAL 9016	84/50/142		1	7332418017329	<b>5941515</b>
<b>Triple master socket outlet, push-in, without label window</b>						
Triple connection kit including socket/cover plate (in one piece) with earthing system, two strain relief devices and push-in terminal block. Also including cover to be fitted over the termination, and end piece that snap-fits on either side of the outlet. Shuttered. Hole pattern 37°. To be combined with double slave socket outlets. Material: PC/ABS.						37° 
<b>CYB-PS</b>	White RAL 9010 White RAL 1013	84/50/142		1	7332418016902 7332418016919	<b>5940310</b> <b>5940311</b>

### CYB connection kits, master outlet










Type	Colour	Dimensions A/B/C (mm)		Qty per package	EAN code	Ref. No.
<b>Triple master socket outlet, push-in, with installation couplers</b>						
Triple connection kit including socket/cover plate (in one piece) with earthing system, two strain relief devices, push-in terminal block and label window with label. Also including cover to be fitted over the termination, and end piece that snap-fits on either side of the outlet. With two halogen-free cables (30 cm free length), and 3x2.5 mm <sup>2</sup> wire and male and female installation couplers. Child protection. Hole pattern 37°. To be combined with double slave socket outlets. Material: PC/ABS.						37° 



PG1976

<b>CYB-PS</b> With Wieland cables	White RAL 9010	84/50/142		1	7315880107323	<b>5940201</b>
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### CYB connection kits, slave outlet

Type	Colour	Dimensions A/B/C (mm)		Qty per package	EAN code	Ref. No.	
<b>Double slave socket outlet</b>							
Double slave socket outlet to be plugged into the master or another slave socket outlet. Including end piece that snap-fits on either side of the outlet. Shuttered. Hole pattern 37°. Material: PC/ABS.						37°	
							
P4880		<b>CYB-PS</b>	White RAL 9016	84/39/94	1	7315885940017	<b>5940010</b>
			Alu metallic			7315880107286	<b>5940013</b>
			Black			3606481069290	<b>INS60700</b>
		<b>CYB-PS</b>	White RAL 9016	84/39/94	1	7332418015257	<b>5940015</b>
<b>Double slave socket outlet, kitwith push-in adaptor</b>							
Double slave socket outlet including an end piece with label window that snap-fits on one side of the outlet and a CYB-AC adaptor with push-in termination on the other side. The adaptor includes a protective cover that is fitted under the front cover of trunking, poles, etc., and two snap-in function strain relief devices. Allows one incoming and one outgoing cable, max 3x2.5 mm <sup>2</sup> . To be plugged into another slave socket outlet. Shuttered. Hole pattern 37°. Material: PC/ABS.						37°	
							
P111572		<b>CYB-PS</b>	White RAL 9016	84/39/160	1	7332418019897	<b>5940044</b>
			White RAL 9010			7332418015479	<b>5940021</b>
			Alu metallic			7332418015486	<b>5940023</b>
		<b>Double slave socket outlet, kitwith screw adaptor</b>					
Double slave socket outlet including an end piece with label window that snap-fits on one side of the outlet and a CYB-AC adaptor with screw termination on the other side. The adaptor includes a protective cover that is fitted under the front cover of trunking, poles, etc., and two snap-in function strain relief devices. Allows one incoming and one outgoing cable, max 3x2.5 mm <sup>2</sup> . To be plugged into another slave socket outlet. Shuttered. Hole pattern 37°. Material: PC/ABS.						37°	
							
P111572		<b>CYB-PS</b>	White RAL 9016	84/39/160	1	7332418019903	<b>5941216</b>
		<b>Double slave socket outlet including an end piece that snap-fits on one side of the outlet, and a CYB-AD adaptor on the other side. The adaptor includes screw terminal block, protective cover with label window, and two snap-in function strain relief devices. Allows one incoming and one outgoing cable, max 3x2.5 mm<sup>2</sup>. To be plugged into another slave socket outlet. Shuttered. Hole pattern 37°. Material: PC/ABS.</b>					
		<b>CYB-PS</b>	White RAL 9016	84/39/125	1	7332418017398	<b>5941200</b>
P98538		<b>Double slave socket outlet, kitwith push-in adaptor</b>					
		Double slave socket outlet including two end pieces that snap-fit on either side of the outlet and a CYB-AC adaptor with push-in termination on one side. The adaptor includes a protective cover that is fitted under the front cover of trunking, poles, etc., and two snap-in function strain relief devices. Allows one incoming and one outgoing cable, max 3x2.5 mm <sup>2</sup> . To be plugged into another slave socket outlet. Shuttered. Hole pattern 37°. Material: PC/ABS.					
							
P124811		<b>CYB-PS</b>	White RAL 1013	84/39/145	1	7332418021265	<b>5951511</b>
			White RAL 9010			7332418021272	<b>5951512</b>

### CYB connection kits, slave outlet

P89550



Type	Colour	Dimensions A/B/C (mm)		Qty per package	EAN code	Ref. No.
<b>Double slave socket outlet, pre-wired kit with Wieland installation couplers</b>						
Double slave socket outlet including CYB-ET earth terminal, CYB-AD adaptor with push-in terminal block and protective cover with label window, and end piece that snap-fits on one side of the outlet. Pre-wired with connection cable type H05VV-F3G including male and female Wieland installation couplers. Cable length 2x1.4 m. To be plugged into another slave socket outlet. Shuttered. Hole pattern 37°. Material: PC/ABS.						
<b>CYB-PS</b> 2.5 mm <sup>2</sup> cable	White RAL 9010	84/39/125		1	7332418015387	<b>5940036</b>



P89549



<b>2 x double slave socket outlet, kit with push-in adaptor</b>						
A combination of two double slave socket outlets with an end piece with label window that snap-fits on one side of the combination and a CYB-AC adaptor with push-in termination on the other side. The adaptor includes a protective cover that is fitted under the front cover of trunking, poles, etc., and two snap-in function strain relief devices. Allows one incoming and one outgoing cable, max. 3x2.5 mm <sup>2</sup> . To be plugged into another slave socket outlet. Shuttered. Hole pattern 37°. Material: PC/ABS.						
<b>CYB-PS</b>	White RAL 9016 Alu metallic	84/39/250		1	7332418015417 7332418015448	<b>5940040</b> <b>5940043</b>




### CYB accessories, master & slave outlet

P85701



<b>Adaptors</b>						
Adaptor including terminal block and protective cover with label window. With two snap-in function strain relief devices. Allows one incoming and one outgoing cable, max. 3x2.5 mm <sup>2</sup> . To be used in combination with CYB-PS double slave socket outlet. Material: PC/ABS.						
<b>CYB-AD</b> Push-in terminal block	White RAL 9016 Alu metallic	84/41/37		1	7315885940055 7315880113492	<b>5940050</b> <b>5940053</b>
<b>CYB-AD</b> Screw type terminal block	White RAL 9016	84/41/37		1	7315880114857	<b>5940055</b>

### CYB accessories, master & slave outlet


Type	Colour	Dimensions A/B/C (mm)		Qty per package	EAN code	Ref. No.
<b>Adaptors</b>						
Adaptor for Wago Winsta 3-pole male interface without cover. To be used in combination with CYB-PS double slave socket outlet. Material : PA6.						
<b>CYB-AD</b>	—	55/59/34		1	3606481006585	<b>5940067</b>
<b>Earth terminal</b>						
Earth terminal including a 25 cm cable with flat pin connector for earth connection of trunking base or cover. Suitable for triple master and double slave outlet CYB-PS. Material: PA6.						
<b>CYB-ET</b>	—	41/23		10	7315880113539	<b>5961502</b>
<b>End piece</b>						
End piece intended for CYB-PS master and slave socket outlets. Snap-fits on either side of the outlet and locks the outlet in the trunking. Material: PC/ABS.						
<b>CYB-ES</b>	White RAL 9016	84/20.1/7		10	7315885940406	<b>5940400</b>



P83356

P88655

### CYB USB Chargers


Type	Colour	Dimensions A/B/C (mm)		Qty per package	EAN code	Ref. No.
<b>CYB USB Type A+C</b>						
USB charger connection kit includes box, USB insert, adaptor, two strain relief devices, cover, and label with label window. The USB-A provides a maximum of 18 W power and supports fast charging. The USB-C provides a maximum of 21 W power and supports PD fast charge. Together, USB-A and USB-C ports provide a maximum of 17 W of power and a maximum of 2.4 A for each port. Nominal input voltage: 220-240 V AC. USB output voltage: 5-12 V DC. Material: PC/ABS.						
<b>CYB USB Type A+C</b>	White	84/84/84		1	3606487391067	<b>INS60528</b>
	Alu				3606487391074	<b>INS60529</b>
<b>CYB USB Type C</b>						
USB charger connection kit including box, USB insert, adaptor, two strain relief devices, cover and label with label window. Maximum currents is 3.25 A. Nominal input voltage: 100-240 V AC. USB output voltage: 5-20 V DC (only for charger PD/QC) Material: PC/ABS.						
<b>CYB USB Type C</b>	White	84/84/84		1	3606482043831	<b>INS60526</b>
	Alu				3606482043848	<b>INS60527</b>



cyb\_usb

cyb\_usb

### CYB connection kits, outlet

Type	Colour	Dimensions A/B/C (mm)		Qty per package	EAN code	Ref. No.
<b>Single connection kit, outlet</b>						
Single connection kit including socket with earthing system, box, adaptor, two strain relief devices, cover and label with label window. Shuttered, push-in termination. Hole pattern 90°. Material: PC/ABS, PA.						90°
<b>CYB-PS</b>	White RAL 9016	84/52/84		1	7315885975002	<b>5975000</b>
	White RAL 9010				7315880072805	<b>5975001</b>
	Alu metallic				7315880079088	<b>5975002</b>

P3797



### CYB device kits, outlet/switch

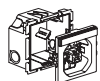
<b>Device kit, CEE outlet</b>						
Device kit including single phase CEE outlet (Bals) and frame with label window. To be screw-fastened on box MIB-A1 by four included screws. To be combined with front cover kit. Material: PC.						
<b>CYB-C380</b>	Grey/red	82/70/82		1	7315885960107	<b>5960100</b>
	CEE-416-6 440V/16A					

P66904



<b>Device kit, switch</b>						
Switch device kit including box, switch insert, adaptor and two strain relief devices. Switch-on position upwards. 250V 16A. To be combined with front cover kit. Material: PC/ABS, PA.						

L57390




P193518



<b>CYB-PB</b>	White	80/50/84		1	7315880074472	<b>5980206</b>
	1-pole spring-return					
<b>CYB-PB</b>	White	80/50/84		1	7315880074557	<b>5980286</b>
	Venetian blind					

### CYB front cover kits. outlet/switch

Type	Colour	Dimensions A/B/C (mm)		Qty per package	EAN code	Ref. No.
<b>Connection kit, switch, one rocker</b>						
Switch connection kit including box, switch insert, adaptor, two strain relief devices, cover with one rocker and label with label window. Switch-on position downwards or upwards. 250V 10A. Material: PC/ABS.						
<b>CYB-PB</b> 1-pole	up	White RAL 9016	84/52/84	1	7315880074144	<b>5980002</b>
<b>CYB-PB</b> 1 pole spring-return	up	White RAL 9016	84/52/84	1	7315880074168	<b>5980007</b>
<b>CYB-PB</b> 1-pole, red indicating lamp	up	White NC	84/52/84	1	7315880074182	<b>5980012</b>
<b>CYB-PB</b> 2-pole	up	White RAL 9016	84/52/84	1	7315880074229	<b>5980032</b>

P2193



P138355



### CYB connection kits, switch

P2183



P139322



P139323



Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
<b>Connection kit, switch, one rocker</b>					
<b>CYB-PB</b> 1-pole 2-way	up White RAL 9016 Alu metallic	84/52/84	1	7315880074243 7315880079064	<b>5980052</b> <b>5980054</b>
<b>Connection kit, switch, two rockers</b>					
Switch connection kit including box, switch insert, adaptor, two strain relief devices, cover with two rockers and label with label window. Switch-on position downwards or upwards. 250V 10A. Material: PC/ABS.					
<b>CYB-PB</b> 2-gang	up White RAL 9016	84/52/84	1	7315880074281	<b>5980072</b>
<b>CYB-PB</b> Venetian blind/1-pole switch	up White RAL 9016	84/52/84	1	7315880074304	<b>5980082</b>
<b>CYB-PB</b> Venetian blind	up White RAL 9016	84/52/84	1	7315880074342	<b>5980087</b>
<b>CYB-PB</b> 2-gang, spring-return	up White RAL 9016	84/52/84	1	3606481958563	<b>5980077</b>

### Wiring diagrams of switches

<p>D13930</p> <p><b>1-pole</b></p>	<p>D13920</p> <p><b>Spring-return</b></p>	<p>D13900</p> <p><b>1-pole with indication</b></p>	<p>D13950</p> <p><b>2-pole</b></p>	<p>D13910</p> <p><b>2-way</b></p>
<p>D13970</p> <p><b>Intermediate</b></p>	<p>D13940</p> <p><b>Double</b></p>	<p>D13980</p> <p><b>Venetian blind/1-pole switch</b></p>	<p>D13960</p> <p><b>2-pole 2-way</b></p>	<p>D13990</p> <p><b>Venetian blind</b></p>



### Description

CYB-PN product range includes a 4-module enclosure for mounting in service carriers with front F80®.

#### 4-module enclosure with hinged lid

4-module enclosure that can handle between one and four DIN modules, provided with a hinged lid for protection of the DIN devices and available with or without locking function of the lid. For both horizontal and vertical mounting.

#### Standards

DIN VDE.

#### Approvals

Approved by VDE and SEMKO.

#### Material data

CYB-PN	Material	PC/ABS
	Colour spec.	<ul style="list-style-type: none"> <li>• White RAL 9016</li> <li>• White RAL 9010</li> <li>• White RAL 1013</li> <li>• Grey NCS S 5502-B</li> </ul>

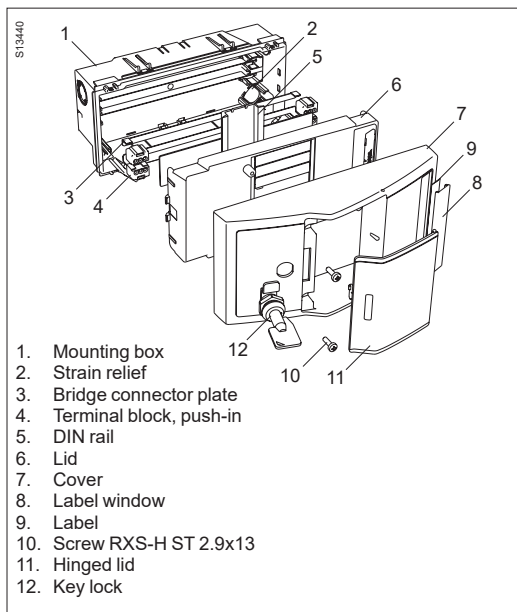
#### Electrical data

CYB-PN	16 A, 400 V
	Maximum cable size = 5x2.5 mm <sup>2</sup>

#### Operative data

Temperature range:	From -25° to +40°C
Suitable outdoors:	No
Degree of protection:	IP20

### Exploded view



### DIN enclosures

Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
<b>4-module DIN enclosure with hinged lid</b>					
4-module DIN enclosure intended for snap-in mounting in service carriers with front F80®. The enclosure is suitable for 1–4 DIN modules and has a hinged lid to protect the devices. Material: PC/ABS.					
CYB-PN	White RAL 9016	84/86/168	1	7315880083986	5960251









### Description

Mounting boxes CYB-S30 and D30 are provided with screw pillars M3.5 and meet British standard for the mounting of screw-fastened standard outlets. They are available in two sizes, single box S30 and double box D30, with a box depth of 30 mm.

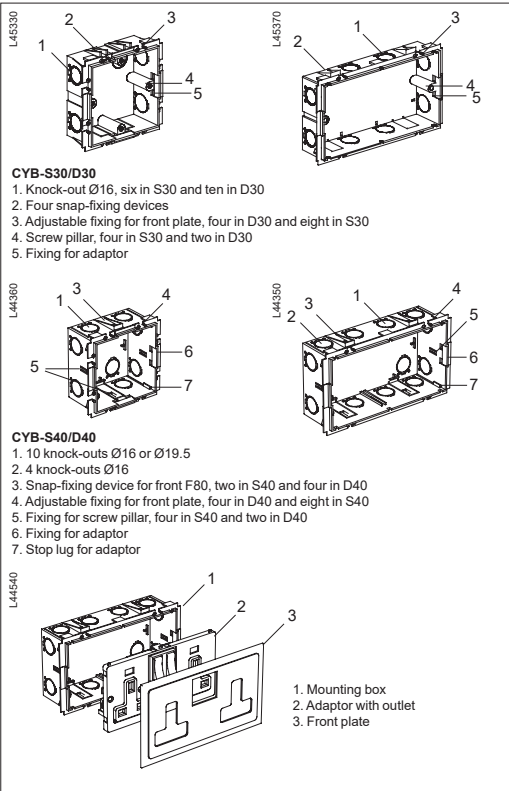
Mounting boxes CYB-S40 and D40 have no screw pillars for standard devices. However, in combination with screw pillar CYB-P40, available as an accessory, the boxes will fulfil British standard.

Thorsman frameless CYB outlets for the UK market, as well as standard outlets can be installed in the boxes.

In the single box outlets can be mounted either vertically or horizontally.

Mounting boxes with accessories, blank cover							
Type	Colour	Dimensions A/B/C (mm)		Qty per package	EAN code	Ref. No.	
<b>Mounting box, double</b>							
Front-mounted and snap-fastened mounting box with 14 entries Ø 16 mm, adapted to snap-fastened strain relief devices and conduit bush. The entries are two on each short side, four on each long side and two at the bottom. Ten of the entries can be increased to Ø 19,5 mm for pipe connection. At the bottom of the box there is room for earth terminal CYB-ET. To be used in conjunction with CYB-PU and CYB-PL. Material: PC.							
P139325		<b>CYB-D40</b>	White RAL 9016	79/44/142	10	7315880043867	<b>5961035</b>
<b>Mounting box, single</b>							
Front-mounted and snap-fastened mounting box with ten entries Ø 16 mm, adapted to snap-fastened strain relief devices and conduit bush. The entries are two per short side, two per long side and two at the bottom. They can be increased to Ø 19,5 mm for pipe connection. At the bottom of the box there is room for earth terminal CYB-ET. To be used in conjunction with CYB-PU, CYB-PL and CYB-DP. Material: PC.							
P139326		<b>CYB-S40</b>	White RAL 9016	79/44/84	10	7315885961036	<b>5961030</b>
<b>Mounting box with screw pillars, double</b>							
Front-mounted and snap-fastened mounting box with ten entries Ø 16 mm, adapted to snap-fastened strain relief devices and conduit bush. The entries are two on each short side, two on each long side and two at the bottom. Two screw pillars M 3.5 for screw-fastened standard devices with a centre distance of 120.6 mm. At the bottom of the box there is room for earth terminal CYB-ET. To be used in conjunction with CYB-PU, CYB-PL and outlets according to British Standard. Material: PC.							
P139327		<b>CYB-D30</b>	White RAL 9016	79/32/142	10	7315880046943	<b>5961005</b>
<b>Mounting box with screw pillars, single</b>							
Front-mounted and snap-fastened mounting box with six entries Ø 16 mm, adapted to snap-fastened strain relief devices and conduit bush. The entries are two on each short side and two at the bottom. Four screw pillars M 3.5 for screwfastened standard devices with a centre distance of 60,3 mm. At the bottom of the box there is room for earth terminal CYB-ET. To be used in conjunction with CYB-PU, CYB-PL, CYB-DP and outlets according to British Standard. Material: PC.							
P64410		<b>CYB-S30</b>	White RAL 9016	79/32/84	10	7315885961005	<b>5961000</b>
<b>Screw pillar for mounting box</b>							
Screw pillar with thread bush M 3.5, to be snap-fastened in mounting box CYB-S40 and CYB-D40. For the mounting of screw-fastened standard outlets. Material: PA6, 15% glass-fibre.							
L44390		<b>CYB-P40</b>	White	14/12/37	20	7315880044352	<b>5961505</b>
<b>Blank cover</b>							
Snap-fastened blank cover, including adaptor and front plate. To be used as a blank cover for future expansion or own hole-making. To be mounted in double box CYB-D40/CYB-D30 or single box CYB-S40/CYB-S30. Material: PA, ASA.							
P64417		<b>CYB-PL</b> For single box CYB-S40/S30	White RAL 9016	84/12/84	1	7315885961555	<b>5961550</b>

### Outline



### Standards

Mounting boxes: BS 4662:1970  
 Standard power outlets: BS 1363:1984

### Approvals

Dual master telephone outlet has been approved by British Telecom.

### Material data

Mounting box	Material	PC (polycarbonate)
	Fire rating	UL 94 V-0 (1,6 mm halogen-free)
	Colour spec.	White RAL 9016
Screw pillar	Material	PA.6 (polyamide), 15% glass-fibre
	Fire rating	UL 94 HB
	Colour	White
Adaptor	Material	PA (polyamide)
	Fire rating	UL 94 HB (halogen-free)
	Colour spec.	Black NCS 9500
Front plate	Material	ASA
	Fire rating	UL 94 HB (halogen-free)
	Colour spec.	• White RAL 9016 • Grey NCS S 5502-B

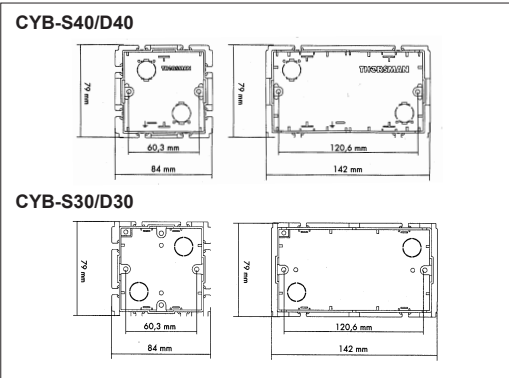
### Operative data

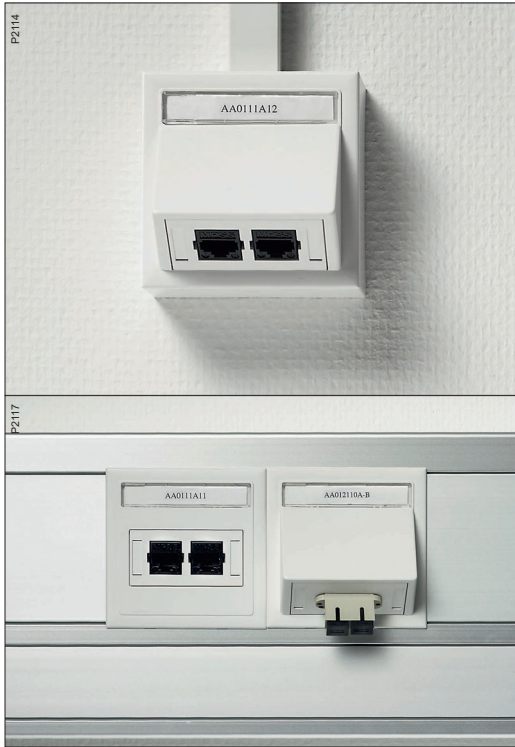
Temperature range	From +80°C to -40°C
Suitable outdoors	No
Degree of protection	IP20
Restrictions	Only for use in products with front F80
Environmental sensitivity	Direct contact with solvents

### Compatibility

Not suitable for Products with other front opening than F80 or with a depth below 52 mm (S40/D40) and 42 mm (S30/ D30).

### Design and dimensions





### Description

CYB low voltage service content system is designed to fit service carriers with F80® front opening. In addition, it can be mounted on the wall or installed in an apparatus box.

The system is frameless and boxless and is made up by snap-fitted covers with mounting plates and connectors. The covers are available in angled or flat design.

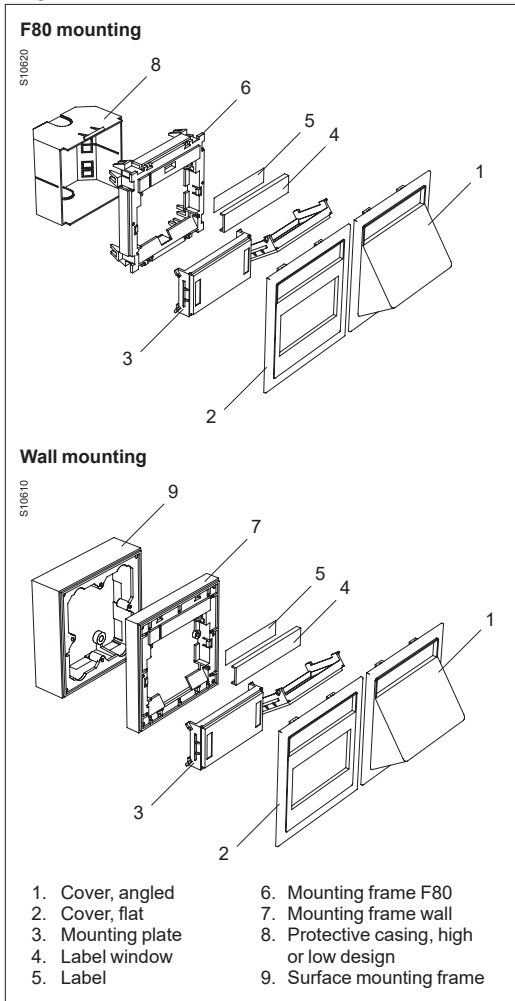
The mounting kits CYB-BK include mounting frame, cover, label and label window.

Put together with various mounting plates and connectors the mounting kits make complete connection kits.

### Material data

Cover in RAL-specified colour	Material	PC/ABS
	Fire rating	UL 94 HB (halogen-free)
	Colour	<ul style="list-style-type: none"> <li>• White RAL 9010</li> <li>• White RAL 1013</li> </ul>
Other covers, wall mounting frame	Material	ASA
	Fire rating	UL 94 HB (halogen-free)
	Colour	<ul style="list-style-type: none"> <li>• White = RAL 9016</li> <li>• Light grey = NCS 1902-Y24R</li> <li>• Greyish-black = NCS 7603-R74B</li> <li>• Aluminium metallic</li> </ul>
Box CYB-S40	Material	PC (polycarbonate)
	Fire rating	UL 94 V-0 (1.6 mm halogen-free)
	Colour	White RAL 9016
Mounting frame for F80 products, mounting frame for installation boxes	Material	PC/ABS
	Fire rating	UL 94 HB (halogen-free)
	Colour	<ul style="list-style-type: none"> <li>• White RAL 9016</li> <li>• White RAL 9010 (only frame for installation boxes)</li> </ul>
Mounting plates, front plates	Material	PC/ABS
	Fire rating	UL 94 HB (halogen-free)
	Colour mounting plates	<ul style="list-style-type: none"> <li>• White = RAL 9016</li> <li>• White RAL 9010</li> <li>• White RAL 1013</li> <li>• Greyish-black = NCS 7603-R74B</li> </ul>
	Colour front plates	<ul style="list-style-type: none"> <li>• White = RAL 9016</li> <li>• White RAL 9010</li> </ul>
	Adaptor for overvoltage protector (CYB-DS)	Material
Surface mounting frame	Fire rating	UL 94 HB (halogen-free)
	Material	ASA
	Colour	<ul style="list-style-type: none"> <li>• White = RAL 9016</li> <li>• Light grey = NCS 1902-Y24R</li> <li>• Greyish-black = NCS 7603-R74B</li> </ul>
Label window	Material	PMMA N8
	Fire rating	UL 94 HB
	Colour	Clear
Fibre spool	Material	PE-HD
	Colour	Natural
Protective casings CYB-RK, CYB-DF	Material	PP (polypropylene)
	Fire rating	UL 94 HB (halogen-free), withstands glow-wire test 750°
	Colour	<ul style="list-style-type: none"> <li>• Red = NCS 2080-Y80R</li> <li>• White = RAL 9016 (fibre)</li> </ul>








### Exploded views








### Operative data











Temperature range:	From -40°C to +80°C (except CYB-DS, connection kit with overvoltage protector, which is suited for a temperatur range between 0°C and +50°C)
Suitable outdoors:	Not suitable

### Mounting kits

Type	Colour	Dimensions A/B/C (mm)		Qty per package	EAN code	Ref. No.	
<b>For F80® mounting</b>							
Mounting kit including F80 mounting frame, snap-fitted cover in angled or flat design, label window and label. For mounting in service carriers with 80 mm front. Material: See Material data on previous pages.							
P3712		<b>CYB-BK1</b>	White RAL 9016	84/50/84	1	7315885970007	<b>5970000</b>
			Alu metallic Black			7315880079125 3606481069320	<b>5970004</b> <b>INS60703</b>
P3713		<b>CYB-BK2</b>	White RAL 9016	84/25/84	1	7315885970021	<b>5970020</b>
			White RAL 9010 Alu metallic			7315880042679 7315880079118	<b>5970023</b> <b>5970024</b>
P6419		<b>CYB-BK8</b>	White RAL 9016	84/25/84	1	7315880084426	<b>5970105</b>
			With mounting frame adapted to c/c 60 mm devices and cover with hole pattern suitable for aerial socket outlets type R+TV				
P6835		<b>CYB-BK9</b>	White RAL 9016	84/25/84	1	7315885970113	<b>5970110</b>
			With mounting frame adapted to c/c 60 mm devices and cover with hole pattern suitable for aerial socket outlets type R+TV+Sat				
P6415		<b>CYB-BK11</b>	White RAL 9016	84/25/84	1	7315885970120	<b>5970120</b>
			With mounting frame adapted to c/c 60 mm devices and cover with hole pattern for low voltage outlet of Mosaic type				
P6409		<b>CYB-BK12</b>	White RAL 9016	84/22/84	1	7315885970137	<b>5970130</b>
			Alu metallic			7315880108252	<b>5970133</b>
			With hole pattern adapted to four Actassi outlets				


Mounting kits							
Type	Colour	Dimensions A/B/C (mm)		Qty per package	EAN code	Ref. No.	
<b>For wall mounting</b>							
Mounting kit including wall mounting frame, snap-fitted cover in angled or flat design, label window and label. For mounting directly on the wall or by means of a surface mounting frame, or on a recessed box (c/c 60 mm). Material: See Material data on previous pages.							
P3714		<b>CYB-BK3</b>	White RAL 9016	84/40/84	1	7315885970045	<b>5970040</b>
<b>Cables for multimedia cables</b>							
Multimedia cables intended to be used together with mounting plate CYB-DP Keystone and mounting kits CYB-BK in angled or flat version. Keystone connector interface in one end and female connector in the other end. Material: HF plastic							
P150284		HDMI cable, Keystone/Female	-	5/10/200	1	3606485435329	<b>INS64220</b>
<b>Mounting plate for multimedia cables</b>							
Mounting plate for multimedia cables, intended for use with mounting kits CYB-BK1, 2, 3 and 4. With label holder, can be mounted angled or flat, and they can all be fitted without tools. Material: PC/ABS.							
P80140		<b>CYB-DP</b> AMP Keystone with label holder	White RAL 9016	12/32/66	10	7315880052883	<b>5971714</b>
<b>Multimedia kits</b>							
Multimedia kits include F80 mounting frame, label window with label, angled cover, mounting plate and one HDMI/USB/3.5 mm Phono connectors respectively.							
P150284 P11928		<b>CYB kit angled</b> HDMI	White RAL 9016	84/50/84	1	3606481298348	<b>INS60510</b>

### Mounting plates

Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.		
<p>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.</p> <p>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.</p> <p>Material: PC/ABS.</p>							
   							
<b>Blank plates</b>							
P2018		<b>CYB-MP1</b>	White RAL 9010	12/32/66	10	7315885971851	<b>5971850</b>
		Blank plate without label holder, for future expansion or for hole cutting by client	White RAL 9016				7315885971707
<b>BNC, TNC, EAE</b>							
P2020		<b>CYB-DC</b>	White	12/32/66	10	7315880052807	<b>5971705</b>
		Keyed hole for 1 x BNC, TNC, EAE, with label holder					
<b>F, ST for cable TV or fibre</b>							
P143106		<b>CYB-DC</b>	White RAL 9016	12/32/66	10	7315880052838	<b>5971708</b>
		Keyed double holes for 2 x F or ST, with label holder, for cable TV nets or fibre					
<b>Lucent</b>							
P2025		<b>CYB-DP</b>	White RAL 9016	12/32/66	10	7315880052869	<b>5971712</b>
		Lucent for 2 x 8-position modular jack UTP and blind plug, with label holder					
<b>AMP NetConnect</b>							
P60140		<b>CYB-DP</b>	White RAL 9016	12/32/66	10	7315880052876	<b>5971713</b>
		AMP NetConnect for 2 x 8-position modular jack UTP Category 3 and blind plug, with label holder					
<b>AMP NetConnect</b>							
P60140		<b>CYB-DP</b>	Greyish-black	12/32/66	10	7315880040149	<b>5971812</b>
		AMP NetConnect for 2 x 8-position modular jack STP, UTP, Krone Keystone UTP/STP and blind plug, with label holder					
		White RAL 9010				7315880042310	<b>5971861</b>
		White RAL 9016				7315880052883	<b>5971714</b>

Mounting plates							
	Type	Colour	Dimensions A/B/C (mm)		Qty per package	EAN code	Ref. No.
<b>1 x D-sub</b>							
P60457	 <b>CYB-DP</b> 1 x D-sub 15 pole, with label holder	White RAL 9016	12/32/66		10	7315885971721	<b>5971720</b>
<b>XLR, universal type</b>							
P60458	 <b>CYB-DP</b> 1 x XLR, universal type (male and female fit in the same hole pattern), with label holder	White RAL 9016	12/32/66		10	7315880052951	<b>5971722</b>
<b>Modular Jack UTP &amp; STP, Reichle &amp; De-Massari</b>							
P143107	 <b>CYB-DP</b> 1 x 8-position modular jack UTP & STP, Reichle & De-Massari, without label holder	White RAL 9016	18/32/66		10	7315880053019	<b>5971728</b>
P143108	 <b>CYB-DP</b> 2 x 8-position modular jack UTP & STP, Reichle & De-Massari, without label holder.	White RAL 9010 White RAL 9016	18/32/66		10	7315880042426 7315880053026	<b>5971873</b> <b>5971729</b>
<b>1 port module, Reichle &amp; De-Massari, FreeNet</b>							
P2037	 <b>CYB-DP</b> 2 x 1 port module from Reichle & De-Massari, FreeNet, without label holder	White RAL 9010 White RAL 9016	18/32/67		10	7315880078968 7315880078944	<b>5971888</b> <b>5971741</b>
<b>SC Duplex from AMP, Molex, Lucent Tech (Lucent), Dätwyler, Siecor</b>							
P2038	 <b>CYB-DF</b> 1 x SC Duplex from AMP, Molex, Lucent Tech (Lucent), Dätwyler, Siecor, with label holder	White RAL 9016	12/32/66		10	7315885971738	<b>5971730</b>
P60460	 <b>CYB-DF</b> 2 x SC Duplex from AMP, Molex, Lucent Tech (Lucent), Dätwyler, Siecor, with label holder	White RAL 9016	12/32/66		10	7315880053033	<b>5971731</b>
<b>2 x 8-position modular jack, only for mounting in CYB-BK6</b>							
P2040	 <b>CYB-DP</b> AMP NetConnect, Krone KM8 and others, 2 x 8-position modular jack STP, UTP, with integrated shutters.	White RAL 9016	11/43/66		10	7315880067498	<b>5971732</b>
	 <b>CYB-DP</b> Like the above but for Krone K8, PremisNet, Keystone 2 x 8-position modular jack STP, UTP	White RAL 9016	14/43/66		10	7315880067528	<b>5971735</b>
<b>Alcatel 8-pole modular jack type LAN</b>							
L63860	 <b>CYB-DP</b> Alcatel 8-pole modular jack type LAN mark-6, with label holder	White RAL 9016	12/32/66		10	7315880097440	<b>5971742</b>

### Mounting plates

Type	Colour	Dimensions A/B/C (mm)		Qty per package	EAN code	Ref. No.
<b>Panduit MINI-COM™, Mini-Jack or Opto-Jack</b>						
<b>CYB-DP</b> 2 x Panduit MINI-COM™, Mini-Jack or Opto-Jack, with label holder	White RAL 9010	21/32/66		10	7315880066729	<b>5971884</b>
	White RAL 9016				7315880066712	<b>5971737</b>
<b>Actassi modular 125/250</b>						
<b>CYB-DP</b> 2 x Actassi modular outlet 125/250 with mounting adaptors, with label holder	Greyish-black	12/32/66		10	7315885971844	<b>5971840</b>
	White RAL 9010				7315880073925	<b>5971887</b>
	White RAL 9016				7315885971745	<b>5971740</b>





P2042




P60455



**Connection kits for F80® mounting, including connectors**

Type	Colour	Dimensions A/B/C (mm)		Qty per package	EAN code	Ref. No.
<b>Duplex SC/SC Multimode</b>						
L52150 L54670  	<b>CYB-DF</b>	White RAL 9016	84/50/84	1	7315880062325	<b>5970385</b>
	Angled cover, 2 x duplex SC/SC Multimode with four screws					
<b>Actassi 125 Cat 5e UTP</b>						
L62560 L58890, L57190  	<b>CYB-DP</b>	White RAL 9016	84/50/84	1	7315880075318	<b>5970485</b>
	Angled cover, 2 x Actassi 125 Cat 5e UTP, black mounting adaptors					
<b>Actassi 125 Cat 5e UTP</b>						
	<b>CYB-DP</b>	White RAL 9016	84/25/84	1	7315880075332	<b>5970905</b>
Flat cover, 2 x Actassi 125 Cat 5e UTP, black mounting adaptors						
<b>Actassi 250 Cat 6 STP</b>						
L62570 L58890, L57190  	<b>CYB-DP</b>	White RAL 9016	84/50/84	1	7315885974104	<b>5974100</b>
	Angled cover, 1 x Actassi 250 Cat 6 STP, blind plug and black mounting adaptor					
	<b>CYB-DP</b>	White RAL 9016 White RAL 9010	84/50/84	1	7315880097570 7315880104308	<b>5974105</b> <b>5974107</b>
	Angled cover, 2 x Actassi 250 Cat 6 STP, black mounting adaptors					
	<b>CYB-DP</b>	White RAL 9016	84/34/84	1	7315880102502	<b>5974106</b>
Flat cover, 2 x Actassi 250 Cat 6 STP, black mounting adaptors						

## Connection kits for F80® mounting, including connectors

Type	Colour	Dimensions A/B/C (mm)		Qty per package	EAN code	Ref. No.
Connection kit including F80 mounting frame, label window with label, flat or angled cover, mounting plate and connector(s). Depending on the connector(s), the kits can be used for structured cabling networks for pair cables, general low voltage, coaxial or fibre connection. Material: PC/ABS.						
<b>Actassi 250 Cat 6 UTP</b>						
<b>CYB-DP</b> Angled cover, 1 x Actassi 250 Cat 6 UTP, blind plug and black mounting adaptor	White RAL 9016	84/50/84		1	7315885974098	<b>5974090</b>
<b>CYB-DP</b> Angled cover, 2 x Actassi 250 Cat 6 UTP, Black black mounting adaptors	White RAL 9016 Alu metallic	84/50/84		1	7315880097563 7315880104247 3606481069337	<b>5974095</b> <b>5974098</b> <b>INS60704</b>
<b>CYB-DP</b> Flat cover, 2 x Actassi 250 Cat 6 UTP, black mounting adaptors	White RAL 9016 White RAL 9010 Alu metallic	84/27/84		1	7315880102489 7315880104261 7315880104278	<b>5974096</b> <b>5974206</b> <b>5974207</b>
<b>Actassi 500 Cat 6 STP</b>						
<b>CYB-DP</b> Angled cover, 2 x Actassi 500 Cat 6A STP, mounting plate and RJ connectors.	White RAL 9016	84/50/84		1	3606481258250	<b>INS60500</b>

LG2560  
L58880, L57190




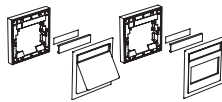

P1940












P1928



**Connection kits for wall mounting, including connectors**

	Type	Colour	Dimensions A/B/C (mm)	 Qty per package	EAN code	Ref. No.
 <p>L20980 L20990</p>	<p>Kit including wall mounting frame, label with label window, angled or flat cover, mounting plate, connector(s) and termination guide. Depending on the connector(s), the kits can be used for structured cabling networks for pair cables, general low voltage, coaxial or fibre connection. Material: PC/ABS.</p>					
<b>Duplex SC Multimode</b>						
 <p>L52150 L54480</p>	<b>CYB-DF</b>	White RAL 9016	84/40/84	1	7315880065968	<b>5973105</b>
<p>Angled cover, Duplex SC Multimode with two screws</p>						

### Accessories for CYB

Type	Colour	Dimensions A/B/C (mm)	 Qty per package	EAN code	Ref. No.
<b>Mounting frames, low voltage</b>					
Mounting frame, low, with 80 mm front opening. To be screw-mounted on installation boxes c/c 60 mm. The mounting frame is also prepared for installation together with mini trunking type TMK-1020. Intended for low voltage mounting kits CYB-BK. Material: PC/ABS.					
 P64418	White RAL 9016	90/23/90	1	7315885971165	<b>5971160</b>
Mounting frame, low, with 80 mm front opening. To be screw-mounted on installation boxes c/c 71 or 84 mm. The mounting frame is also prepared for installation together with mini trunking type TMK-1020. Intended for low voltage mounting kits CYB-BK and power-current mounting frame CYB-AD1. Material: PC/ABS.					
 P64408	White RAL 9016	90/23/174	1	7315885971172	<b>5971170</b>
Mounting frame, high, with 80 mm front opening. To be screw-mounted on walls without installation boxes. Intended for low voltage mounting kits CYB-BK and power-current mounting frame CYB-AD1. Material: PC/ABS.					
 P64407	White RAL 9016	90/42/90	1	7315880095699	<b>5971165</b>
	White RAL 9010			7315880095705	<b>5971166</b>
	Alu metallic			7315880104391	<b>5971168</b>
 P64402	White RAL 9016	90/42/174	1	7315880095729	<b>5971175</b>
<b>Protective casing</b>					
Protective casing to be mounted on the back of the mounting frame, for protection of data connectors and cable connections. Intended for low voltage mounting kits CYB-BK1 and -BK2. See also Compatibility on page 35. Material: PP.					
 P1920	Red	63/38/63	10	7315885971202	<b>5971200</b>
<b>Surface mounting frame</b>					
Surface mounting frame, to be mounted on the wall together with low voltage mounting kits CYB-BK3 and CYB-BK4 to provide an extra height of 25 mm. Material: ASA.					
 P3716	White RAL 9016	84/26.5/84	1	7315885971158	<b>5971150</b>
<b>Screw pillar</b>					
Screw pillar for Phillips cross-slotted screw No. 1. Used to mount screw-fixed standard outlets c/c 60 mm. Intended for boxes CYB-S40 and CYB-D40. Material: PA6, 30% glass-fibre.					
 P64403	Natural	11/43/10	20	7315880052265	<b>5961506</b>
<b>Marking kit</b>					
Marking kit including label window and label. Intended for CYB low voltage and single power current devices with a marking option. Material: PMMA.					
 P139335	—	12/67/4	10	7315885951365	<b>5951365</b>

### Accessories for CYB

P1919



Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
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#### Protective casing for fibre optics

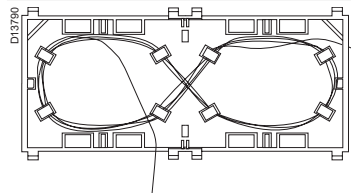
Protective casing to be mounted in service carriers with front F80®, together with two CYB low-voltage connection or mounting kits. Also compatible with protective casing CYB-RK, low design. Including removable partition wall, which can be used to separate fibre and copper cables.

Provided with eight cable exits on the long sides. There are also two cable exits on the short sides; one that is angled at 45°, to allow mounting of several casings next to each other, and one adapted to the BICC Brand-Rex Blolite system, including nipple. Bending radius >30 mm. A bending radius of 10 times the cable diameter is normally recommended, i.e. in this case a cable diameter of 3 mm at the most.

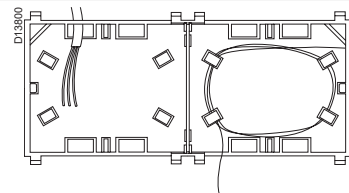
CYB-DF allows installation to satisfy the preliminary standard EN50174-2.

Material: PP.

<b>CYB-DF</b>	White	79/39/168	10	7315885971226	<b>5971220</b>
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Fibre capacity max. 4 m cable, diameter 0.9 mm, when using the entire coiling space.



Fibre capacity max. 2 m cable, diameter 0.9 mm, when using half the coiling space.

### CTA accessories for CYB

P64399



#### Blanking plug

Blanking plug 2xRJ45, to be used in mounting plates for two connectors where only one connector has been mounted. Suitable for mounting plates CYB, for modular connectors of AMP type.

Material: PC/ABS.

<b>CTA-BP2</b>	Black	21/15/15	10	7315885914162	<b>5914160</b>
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### CYB-RK – Compatibility

CYB-RK protective casing cannot be mounted together with connectors marked “no” in the table below.

Connector type	CYB-RK high with mounting kit		CYB-RK low with mounting kit	
	BK1 angled	BK2 flat	BK1 angled	BK2 flat
Alcatel	yes	yes	yes	no
AMP 2x8-position modular jack UTP	yes	yes	yes	no
AMP 110 Con 2x8-position modular jack STP	yes	yes	yes	no
AMP 110 Con 2x8-position modular jack UTP	yes	yes	yes	no
AMP 1xSC duplex	yes	no	yes	no
1xBNC TNC	yes	yes	yes	no
2xBNC TNC	yes	yes	yes	no
1xDIN 3/8	yes	yes	yes	yes
2xDIN 3/8	yes	yes	yes	yes
1xD-sub 9	yes	yes	yes	yes
1xD-sub 15	yes	yes	yes	yes
1xD-sub 25	yes	yes	yes	no
1xEAE-1R, -1ER	yes	no	yes	no
2xEAE-2R, -2ER	yes	no	yes	no
1xF	yes	yes	yes	yes
2xF	yes	yes	yes	yes
IBM type 2 1xIBM	yes	yes	yes	no
IBM type 1 1xIBM + 1x8-position modular jack AMP	yes	yes	yes	no
ITT-Cannon	yes	yes	yes	yes
Actassi 125 UTP/STP	yes	yes	yes	no
Actassi 250 UTP/STP	yes	yes	yes	no
Lucent 2x8-position modular jack STP	yes	yes	yes	no
Lucent 2x8-position modular jack UTP	yes	yes	yes	no
R&M 1x8-position modular jack UTP	yes	yes	yes	no
R&M 2x8-position modular jack UTP	yes	yes	yes	no
R&M 1x8-position modular jack STP	yes	yes	yes	no
R&M 2x8-position modular jack STP	yes	yes	yes	no
R&M FreeNet 8-p modular	yes	yes	yes	no
Siemon Mx	yes	yes	yes	no
Siemon Mx duplex SC/SC	yes	no	yes	no
1xST	yes	no	yes	no
2xST	yes	no	yes	no
T&B 2x8-position modular jack STP	yes	yes	yes	no
T&B 2x8-position modular jack UTP	yes	yes	yes	no
Thinnet Tap AMP*	—	yes	—	no
2xTwinax	yes	yes	yes	yes
1xXLR	yes	yes	yes	yes

\* Only flat mounting.



### Description

The MIB system includes boxes and accessories, adapted to Thorsman service carriers with front cover F80®.

- MIB-A1 is a single installation box for devices with a c/c distance of 60 mm, MIB-A2 a double box for devices with a c/c distance of 71 mm. MIB-A1 and -A2 are also available in kits including two insulating pieces. These kits are called MIB-A1D3 and -A2D3 respectively.
- MIB-J is a junction box to be hooked onto the side of MIB-A1 and MIB-A2. This means that the junction box can be covered by a front cover piece to get a nice appearance (see fig. 1 to the left).
- MIB-FA1 is a frame adapted to CEE-outlets with c/c 60 mm hole distance. With label window.

### Approvals

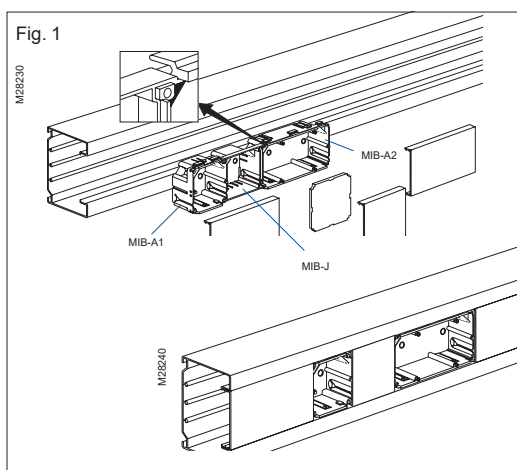
SEMKO, NEMKO, FIMKO, KEMA, VDE.

### Material data

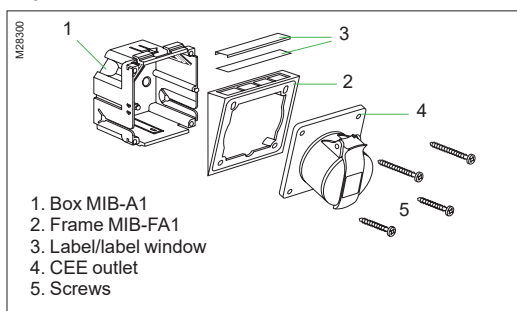
Material	PC/ABS
Colour, boxes	White
Colour spec., frame	White RAL 9016
Material	PA6
Fire rating	UL 94 V-2 (halogen-free)
Colour	White

### Operative data







Suitable outdoors	No
Degree of protection	IP20



### Exploded view



## MIB Boxes & accessories

Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
<b>Installation boxes</b>					
Single and double installation box including strain relief devices. Intended for mounting of standard devices in service carriers with front F80. Can be combined with junction box MIB-J. Material: PC/ABS.					
 P61512	White	79/45/71	10	7315885586154	<b>5586150</b>
 P61511	White	79/45/142	5	7315880079798	<b>5586155</b>
<b>Installation box kits</b>					
Installation box kit including single or double installation box MIB-A1 with strain relief devices and two insulating pieces MIB-D3. Intended for mounting of standard devices in service carriers with front F80. Can be combined with junction box MIB-J. Material: PC/ABS.					
 P150152	White	79/45/77.5	10	7315880113805	<b>5586152</b>
 P150344	White	79/45/148.5	5	7315880114833	<b>5586157</b>
<b>Junction box</b>					
Junction box with cover, intended for mounting in combination with installation boxes MIB-A1 and MIB-A2. Material: PA6.					
 P61522	White/red	71/40/93	10	7315885586161	<b>5586160</b>
<b>Frame</b>					
Frame with label window, intended for CEE devices with a c/c distance of 60 mm. To be mounted in MIB-A1 by means of four included screws. Material: PC/ABS.					
 P61426	White RAL 9016	84/84/23	1	7315880090557	<b>5586211</b>



Cable  
distribution  
trunking

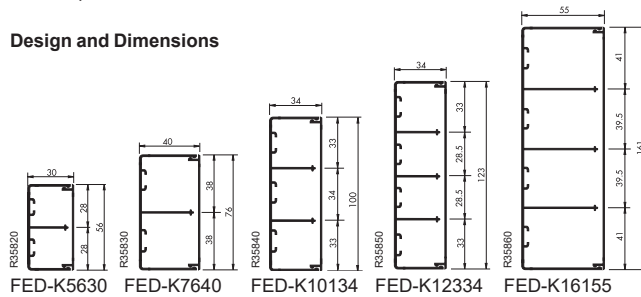
## Feeder trunking system

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

Feeder trunking system including trunking profile with cover, corner sections, 90° bends and stop ends in five sizes. The two smallest sizes (5630 and 7640) have two compartments, 10134 has three and the two larger sizes (12334 and 16155) four compartments. The range also includes a jointing piece and a cable tie holder.

Material: Aluminium SS 4104  
 Surface treatment: Natural anodizing or powder coating in white or acc. to the Colour Choice  
 Colour spec.: White RAL 9016

### Design and Dimensions

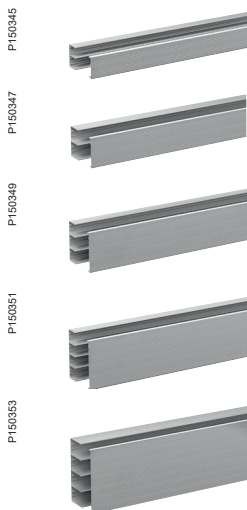


### Cable capacity


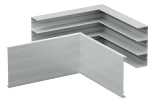
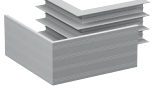
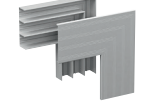




Comp. No.	Max Ø mm	Cross-section area mm <sup>2</sup>	Cable capacity mm <sup>2</sup>			Diagram
			40%	50%	60%	
1	26	584	234	292	350	
2	26	584	234	292	350	
1	36	1184	474	592	710	
2	36	1184	474	592	710	
1	31	821	328	411	493	
2	33	866	346	433	520	
3	31	821	328	411	493	
1	31	820	328	410	492	
2	27	711	284	356	427	
3	27	711	284	356	427	
4	31	820	328	410	492	
1	38	1838	735	919	1103	
2	38	1806	722	903	1084	
3	38	1806	722	903	1084	
4	38	1838	735	919	1103	


### Feeder trunking

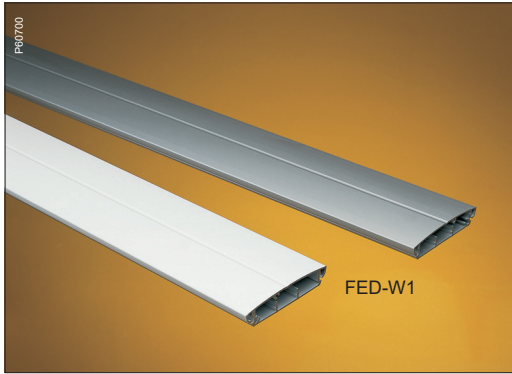
FED-K5630	Natural White RAL 9016	56/30/2500	8	7315885435100 7315880004943	<b>5435100</b> <b>5435108</b>
FED-K7640	Natural White RAL 9016	76/40/2500	6	7315885435117 7315880004967	<b>5435110</b> <b>5435118</b>
FED-K10134	Natural White RAL 9016	100/34/2500	6	7315885435124 7315880004981	<b>5435120</b> <b>5435128</b>
FED-K12334	Natural White RAL 9016	123/34/2500	4	7315885435131 7315880005001	<b>5435130</b> <b>5435138</b>
FED-K16155	Natural White RAL 9016	161/55/2500	2	7315885435148 7315880005025	<b>5435140</b> <b>5435148</b>



### Feeder trunking system

Type	Colour	Dimensions A/B/C mm		Qty per package	EAN code	Ref. No.
<b>Internal corner</b>						
FED-IH5630	Natural	56/30/220		1	7315885440104	<b>5440100</b>
	White RAL 9016				7315880005094	<b>5440108</b>
FED-IH7640	Natural	76/40/220		1	7315885440111	<b>5440110</b>
	White RAL 9016				7315880005117	<b>5440118</b>
FED-IH10134	Natural	100/34/220		1	7315885440128	<b>5440120</b>
	White RAL 9016				7315880005131	<b>5440128</b>
FED-IH12334	Natural	123/34/220		1	7315885440135	<b>5440130</b>
	White RAL 9016				7315880005155	<b>5440138</b>
FED-IH16155	Natural	161/55/220		1	7315885440142	<b>5440140</b>
	White RAL 9016				7315880005179	<b>5440148</b>
<b>External corner</b>						
FED-YH5630	Natural	56/30/220		1	7315885440203	<b>5440200</b>
	White RAL 9016				7315880005193	<b>5440208</b>
FED-YH7640	Natural	76/40/220		1	7315885440210	<b>5440210</b>
	White RAL 9016				7315880005216	<b>5440218</b>
FED-YH10134	Natural	100/34/220		1	7315885440227	<b>5440220</b>
	White RAL 9016				7315880005230	<b>5440228</b>
FED-YH12334	Natural	123/34/220		1	7315885440234	<b>5440230</b>
	White RAL 9016				7315880005254	<b>5440238</b>
FED-YH16155	Natural	161/55/220		1	7315885440241	<b>5440240</b>
	White RAL 9016				7315880005278	<b>5440248</b>
<b>Bend, 90°</b>						
FED-LS5630	Natural	56/30/220		1	7315885440302	<b>5440300</b>
	White RAL 9016				7315880005292	<b>5440308</b>
FED-LS7640	Natural	76/40/220		1	7315885440319	<b>5440310</b>
	White RAL 9016				7315880005315	<b>5440318</b>
FED-LS10134	Natural	100/34/220		1	7315885440326	<b>5440320</b>
	White RAL 9016				7315880005339	<b>5440328</b>
FED-LS12334	Natural	123/34/220		1	7315885440333	<b>5440330</b>
	White RAL 9016				7315880005353	<b>5440338</b>
FED-LS16155	Natural	161/55/220		1	7315885440340	<b>5440340</b>
	White RAL 9016				7315880005377	<b>5440348</b>
<b>Stop end</b>						
FED-ES5630	Natural	56/30/51		1	7315885440401	<b>5440400</b>
	White RAL 9016				7315880005391	<b>5440408</b>
FED-ES7640	Natural	76/40/51		1	7315885440418	<b>5440410</b>
	Optional				7315880005407	<b>5440411</b>
	White RAL 9016				7315880005414	<b>5440418</b>
FED-ES10134	Natural	101/34/51		1	7315885440425	<b>5440420</b>
	White RAL 9016				7315880005438	<b>5440428</b>
FED-ES12334	Natural	123/34/51		1	7315885440432	<b>5440430</b>
	White RAL 9016				7315880005452	<b>5440438</b>
FED-ES16155	Natural	161/55/23		1	7315885440449	<b>5440440</b>
	White RAL 9016				7315880005476	<b>5440448</b>

Feeder trunking system							
	Type	Colour	Dimensions A/B/C mm		Qty per package	EAN code	Ref. No.
L11620	<b>Joining piece, Cable tie holder</b>						
	FED-SSJ Joining piece	Untreated	8/11/50		10	7315885440814	<b>5440810</b>
L377030	FED-FA Cable tie holder	Black	4/11/50		10	7315885440807	<b>5440800</b>
<b>Compatible accessories</b>							
P62869	<b>Cable retainer</b>						
	Clamp intended to hold cables in place in the feeder trunking. Material: PA.						
	TTM-KL60	Black	10/60/25		10	7315885401624	<b>5401620</b>



### Description

FED-W1 and -F1 are slim feeder trunkings, specially designed for feeding of cables on walls and floors.

#### FED-W1

FED-W1 is intended for feeding of cables from the ceiling to wall service pole POL-W1. However, FED-W1 is suitable in all applications on walls where surface-mounted slim feeding of a smaller amount of cables is required.

FED-W1 is divided into three separate compartments by partition walls.

The trunking part can be completed by ceiling frame FED-CF1, to cover the entry hole when FED-W1 is led through a false ceiling.

FED-W1 is compatible with cable holder TTM-KL42, which can be used to keep cables in place in each compartment respectively. The cable holders are snap-fitted to the partition walls of the feeder trunking.

#### FED-F1

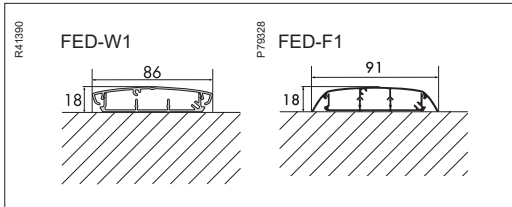
FED-F1 is intended for feeding of cables on the floor, to for instance a service post. FED-F1 is suitable in applications on floors where surface-mounted slim feeding of a smaller amount of cables is required.

FED-F1 is divided into three separate compartments by partition walls.

### Material data

Feeder profile and cover	Material	Aluminium SS 4104
	Surface treatment	Natural anodizing or powder coating in white or acc. to the Colour Choice
	Colour spec.	White RAL 9016
Ceiling frame	Material	Polystyrene
	Colour spec.	White RAL 9016
	Other info	Halogen-free

### Design & dimensions

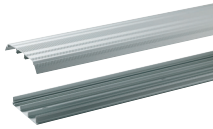



### Cable capacity

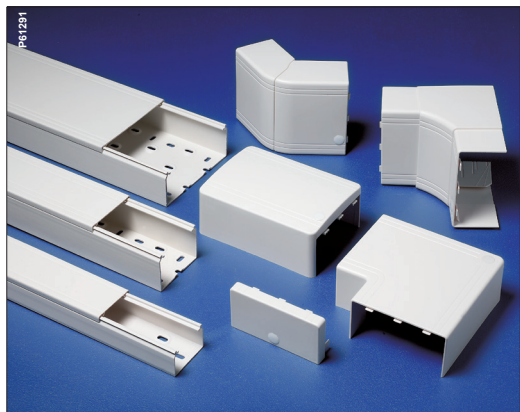
Comp. No.	Max Ø mm	Cross section area mm <sup>2</sup>	Cable capacity mm <sup>2</sup>			Diagram
			40%	50%	60%	
<b>FED-W1</b>						
1	13	287	115	143	172	
2	14	313	125	156	188	
3	13	272	109	136	163	
<b>FED-W1 with cable holder TTM-KL42</b>						
1	11	208	83	104	125	
2	11	203	81	101	122	
3	13	272	109	136	163	
<b>FED-F1</b>						
1	13	287	115	144	172	
2	14	300	120	150	180	
3	13	276	110	138	166	

**Feeder trunking**

PE25486



Type	Colour	Dimensions A/B/C mm		Qty per package	EAN code	Ref. No.
<b>Feeder profile</b>						
Feeder profile including base profile and cover. Intended for floor mounting. The base profile has punched holes to simplify mounting. Divided into three compartments by two fixed partition walls and provided with screw slots for earth connection. Can be used as a separate item or in combination with POS-F10 and F20. Meets load requirements according to VDE 0634, 750N/50x50 mm <sup>2</sup> . Material: Aluminium, natural anodized.						
FED-F1	Natural	18/91/2500		1	7315885435216	<b>5435210</b>



### Description

TIR+ is a broad feeder trunking system intended for mounting in most environments. Mounting can be made horizontally or vertically.

The accessory range is extensive, which makes the system easy to work with.


The trunking can be divided into several compartments by means of cable shelves, for separation of power from low voltage cables.

The trunking back has holes according to DIN standard, for easy mounting of cable shelves and cable holders.

TIR+ is available in white colour and is supplied in lengths of 2500 mm.

Nail plug TPS is recommended for through mounting in concrete, lightweight concrete and bricks.

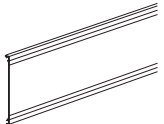
## Length material

Type	Colour	Dimensions A/B/C (mm)		Qty per package	EAN code	Ref. No.
<b>Feeder trunking</b>						
Feeder trunking including trunking base and front cover. Holes according to DIN standard in the back of the trunking. Cable shelves and accessories to be mounted in the holes by means of fastener studs. Standard length 2.5 m. Material: PVC.						
TIR+ T4040	White	40/40/2500		14	7315885427006	5427000
TIR+ T6040	White	60/40/2500		14	7315880103370	5427005
TIR+ T8040	White	80/40/2500		10	7315885427013	5427010
TIR+ T10040	White	100/40/2500		8	7315880103387	5427015
TIR+ T12040	White	120/40/2500		8	7315885427020	5427020
TIR+ T8060	White	80/60/2500		10	7314880103394	5427025
TIR+ T10060	White	100/60/2500		8	7315885427037	5427030
TIR+ T12060	White	120/60/2500		8	7315880103400	5427035
TIR+ T15060	White	150/60/2500		8	7315885427044	5427040
TIR+ T20060	White	200/60/2500		4	7315880103417	5427045
<b>Front cover</b>						
Front cover to be used together with the trunking base. Standard length 2.5 m. Material: PVC.						
TIR+ L60	White	60/9/2500		20	7315880106531	5427305

P61290



P61225



## Kits

<b>Feeder trunking kit</b>						
Feeder trunking kit including trunking base, front cover and four cable clamps. Holes according to DIN standard in the back of the trunking. Cable shelves and accessories to be mounted in the holes by means of fastener studs. Standard length 2.5 m. Material: PVC.						
TIR+ T6040KL	White	60/40/2500		14	7315885428003	5428000
TIR+ T8040KL	White	80/40/2500		10	7315880115199	5428005
TIR+ T10040KL	White	100/40/2500		8	7315885428010	5428010
TIR+ T8060KL	White	80/60/2500		10	7315885428027	5428020
TIR+ T10060KL	White	100/60/2500		8	7315880115212	5428025
TIR+ T12060KL	White	120/60/2500		8	7315885428034	5428030
TIR+ T15060KL	White	150/60/2500		8	7315880115229	5428035
TIR+ T20060KL	White	200/60/2500		4	7315885428041	5428040

P61290




## Form pieces

<b>Internal corner</b>						
Internal corner section, adjustable 70–120°. Material: ABS.						
TIR+ IH4040	White	44/100/42		1	7315885427051	5427050
TIR+ IH6040	White	64/100/42		1	7315880103424	5427055
TIR+ IH8040	White	84/100/42		1	7315885427068	5427060
TIR+ IH10040	White	105/100/43		1	7315880103431	5427065
TIR+ IH12040	White	125/100/43		1	7315885427075	5427070
TIR+ IH8060	White	84/135/62		1	7315880103448	5427075
TIR+ IH10060	White	105/155/63		1	7315885427082	5427080
TIR+ IH12060	White	125/155/63		1	7315880103455	5427085
TIR+ IH15060	White	155/155/63		1	7315885427099	5427090
TIR+ IH20060	White	205/155/63		1	7315880103462	5427095

P61285




### Form pieces

Type	Colour	Dimensions A/B/C (mm)		Qty per package	EAN code	Ref. No.
<b>External corner</b>						
External corner section, adjustable 70–120°. Material: ABS.						
TIR+ YH4040	White	44/80/42		1	7315885427105	5427100
TIR+ YH6040	White	64/95/42		1	7315880103479	5427105
TIR+ YH8040	White	84/115/42		1	7315885427112	5427110
TIR+ YH10040	White	105/115/43		1	7315880103486	5427115
TIR+ YH12040	White	125/115/43		1	7315885427129	5427120
TIR+ YH8060	White	84/135/62		1	7315880103493	5427125
TIR+ YH10060	White	105/135/63		1	7315885427136	5427130
TIR+ YH12060	White	125/135/63		1	7315880103509	5427135
TIR+ YH15060	White	155/135/63		1	7315885427143	5427140
TIR+ YH20060	White	205/135/63		1	7315880103516	5427145
<b>Bend, 90°</b>						
90° bend to be used in angles. Material: ABS.						
TIR+ LS4040	White	44/70/42		5	7315885427150	5427150
TIR+ LS6040	White	64/100/42		2	7315880103523	5427155
TIR+ LS8040	White	84/130/42		2	7315885427167	5427160
TIR+ LS10040	White	105/150/43		1	7315880103530	5427165
TIR+ LS12040	White	125/170/43		1	7315885427174	5427170
TIR+ LS8060	White	84/130/62		2	7315880103547	5427175
TIR+ LS10060	White	105/150/63		1	7315885427181	5427180
TIR+ LS12060	White	125/170/63		1	7315880103554	5427185
TIR+ LS20060	White	205/250/63		1	7315880103561	5427195
<b>T-piece</b>						
T-piece to be used in 90° angles. The T-piece can be used for any trunking size that is smaller than the main feeder trunking in width. Material: ABS.						
TIR+ TS12040	White	130/56/180		1	7315885427266	5427260
TIR+ TS8060	White	90/73/132		2	7315880103639	5427265

### Accessories

<b>Stop end</b>						
Stop end to finish the trunking. Material: ABS.						
TIR+ ES4040	White	45/42/16		5	7315885427204	5427200
TIR+ ES6040	White	65/42/16		30	7315880103578	5427205
TIR+ ES8040	White	85/42/16		30	7315885427211	5427210
TIR+ ES10040	White	105/42/16		20	7315880103585	5427215
TIR+ ES12040	White	125/42/16		20	7315885427228	5427220
TIR+ ES8060	White	85/62/16		20	7315880103592	5427225
TIR+ ES10060	White	105/62/16		20	7315885427235	5427230
TIR+ ES12060	White	125/62/16		20	7315880103608	5427235
TIR+ ES15060	White	155/62/16		10	7315885427242	5427240
TIR+ ES20060	White	205/62/16		10	7315880103615	5427245
<b>Cable shelf</b>						
Cable shelf to divide the trunking into compartments. Material: PVC.						
TIR-MV40	White	38/31/2500		24	7315880066514	5424015
TIR-MV60	White	38/51/2500		16	7315880066521	5424025

## Accessories

Type	Colour	Dimensions A/B/C (mm)	 Qty per package	EAN code	Ref. No.
<b>Fastener stud</b>					
Fastener stud for the mounting of cable shelves and cable holders in the holes of the trunking back. Material: PA.					
TIR-KP1	White	10/10/10	100	7315885424104	<b>5424100</b>
<b>Spacer</b>					
Spacer for the mounting of a smaller trunking size in a larger trunking size. Material: PA.					
TIR-D7,5	Grey	11.5/18/18	10	7315885424111	<b>5424110</b>

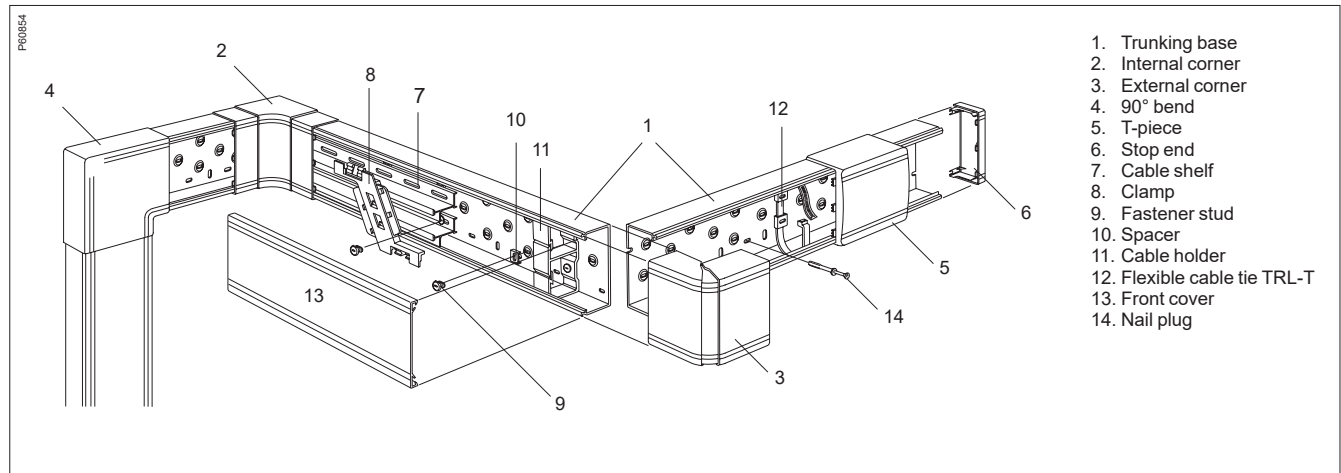
L13570



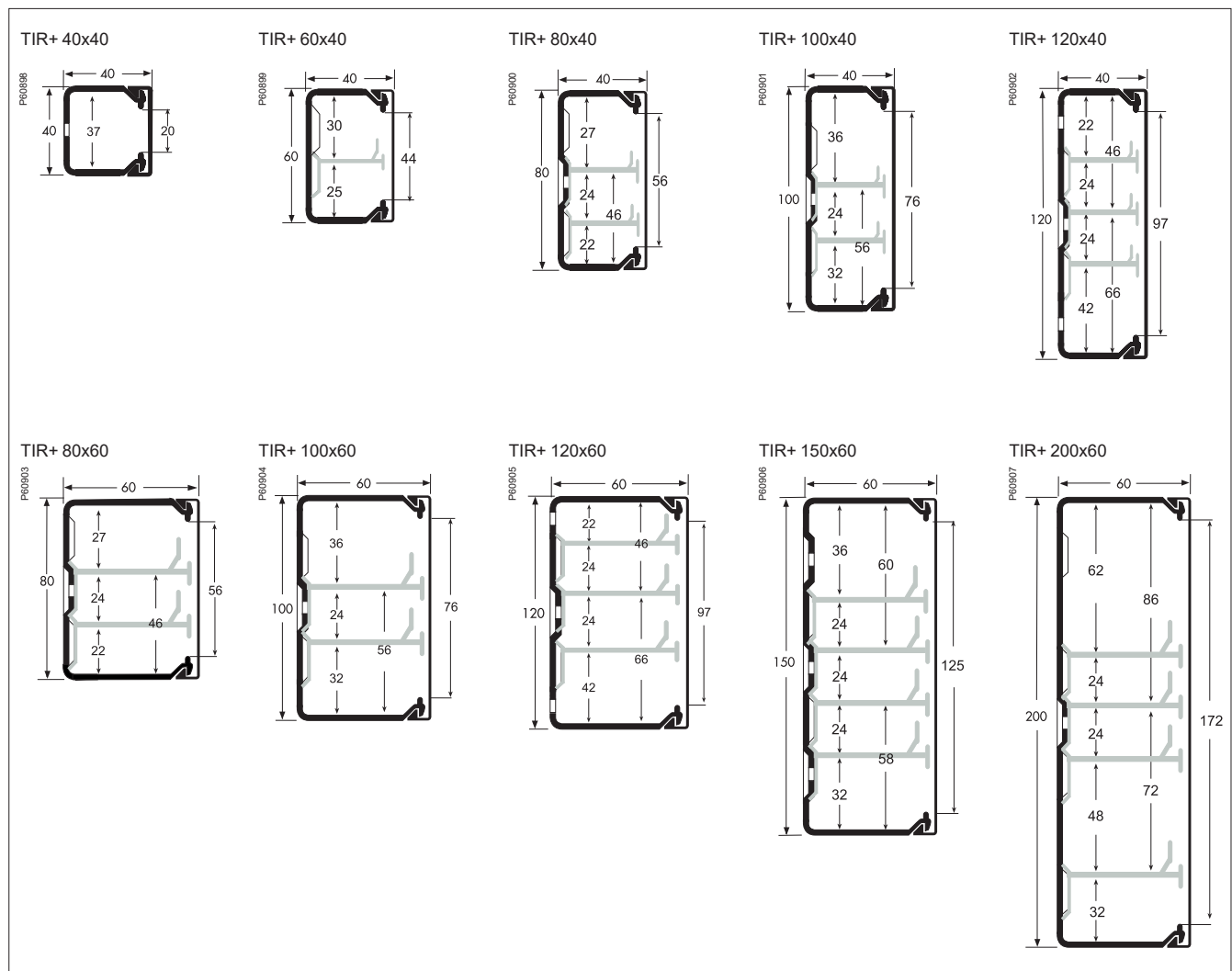
L13620



### Exploded view



### Design and dimensions



### Cable capacity

Compartment No.	Cross section area mm <sup>2</sup>	Cable capacity mm <sup>2</sup>			Diagram	Code
		40%	50%	60%		
<b>TIR+ 40x40</b>						
1	1370	548	685	822		PR00827
<b>TIR+ 60x40</b>						
1	1970	788	985	1182		PR00888
2	1370	548	685	822		
3	897	359	448	538		
4	708	283	354	425		
<b>TIR+ 80x40</b>						
1	2680	1072	1340	1608		PR00889
2	870	348	435	522		
3	950	380	475	570		
4	798	319	399	479		
5	637	255	318	382		
6	591	236	295	355		
<b>TIR+ 100x40</b>						
1	3380	1352	1690	2028		PR00890
2	1140	456	570	684		
3	1140	456	570	684		
4	1160	464	580	696		
5	633	253	316	380		
6	947	379	473	568		
<b>TIR+ 120x40</b>						
1	4080	1632	2040	2448		PR00891
2	1420	568	710	852		
3	1420	568	710	852		
4	653	261	326	392		
5	520	208	260	312		
6	520	208	260	312		
7	1309	523	654	785		
<b>TIR+ 80x60</b>						
1	4150	1660	2075	2490		PR00892
2	1570	628	785	942		
3	1510	604	755	906		
4	1350	540	675	810		
5	1107	443	553	664		
6	1029	411	514	617		
<b>TIR+ 100x60</b>						
1	5250	2100	2625	3150		PR00893
2	1950	780	975	1170		
3	1950	780	975	1170		
4	1911	764	955	1146		
5	1104	441	553	663		
6	1578	631	789	947		
<b>TIR+ 120x60</b>						
1	6300	2520	3150	3780		PR00894
2	2490	996	1245	1494		
3	2490	996	1245	1494		
4	1105	442	552	663		
5	990	396	495	594		
6	990	396	495	594		
7	2147	858	1073	1288		
<b>TIR+ 150x60</b>						
1	7900	3160	3950	4740		PR00895
2	3240	1296	1620	1944		
3	3240	1296	1620	1944		
4	1827	731	913	1096		
5	990	396	495	594		
6	990	396	495	594		
7	990	396	495	594		
8	1553	621	776	931		
<b>TIR+ 200x60</b>						
1	10550	4220	5275	6330		PR00896
2	1960	784	980	1176		
3	2230	892	1115	1338		
4	2230	892	1115	1338		
5	1960	784	980	1176		
6	3211	1284	1605	1926		
7	990	396	495	594		
8	990	396	495	594		
9	2210	884	1105	1326		
10	1524	610	762	914		

### Standards

EN 50085.

### Approvals

VDE, KEMA, NEMKO, SEMKO.

### Material data

Feeder trunking base, front cover, cable shelf	Material	Rigid PVC, self-extinguishing, lead-free
	Fire rating	1.6 mm: UL94 V0 3.2 mm: UL94 V0
Corner sections, 90° bend, T-piece, stop end, jointing piece, mounting bracket	Material	ABS
	Fire rating	1.6 mm: UL94 HB 3.2 mm: UL94 HB
Fastener stud, spacer, clamp, cable holder	Material	PA6
	Fire rating	1.6 mm: UL94 V2 3.2 mm: UL94 V2
Collar	Material	PC/ABS
	Fire rating	UL 94 V-0 (1.6 mm halogen-free)
Colour spec.	White RAL 9010	

### Operative data

Temperature range	From -25°C to +60°C
Degree of protection	IP40
Resistance to impact	6 J
Restrictions	Not resistant to acetone, thinners, trichlorethylene, ethyl acetate, methylenechloride, methyldethylketone, tetrahydrofuran, benzene and toluene



# Cable organisers




### Description

CBL-G cable grommets are intended to feed cables through a desk-top.

### Range

P64034



Type	Colour	Dimensions A/B/C mm		Qty per package	EAN code	Ref. No.
<b>Cable grommet</b>						
Cable grommet to be used to feed cables through the desk-top. Material: Zinc, chromium plated.						
<b>CBL-G1</b>	Alum. metallic	24/Ø65		1	7315885873629	<b>5873620</b>
<b>CBL-G2</b>	Alum. metallic	24/Ø85		1	7315880111078	<b>5873621</b>

5150770.....	72	5428040.....	121	5510023.....	22	5586155.....	112	5940050.....	90
5197005.....	72	5435100.....	115	5510160.....	25	5586157.....	112	5940053.....	90
5197055.....	72	5435108.....	115	5510170.....	25	5586160.....	112	5940055.....	90
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5197560.....	81	5435120.....	115	5510210.....	24	5589170.....	23, 42	5940111.....	87
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5427005.....	121	5440228.....	116	5526519.....	42	5590264.....	26	5961030.....	97
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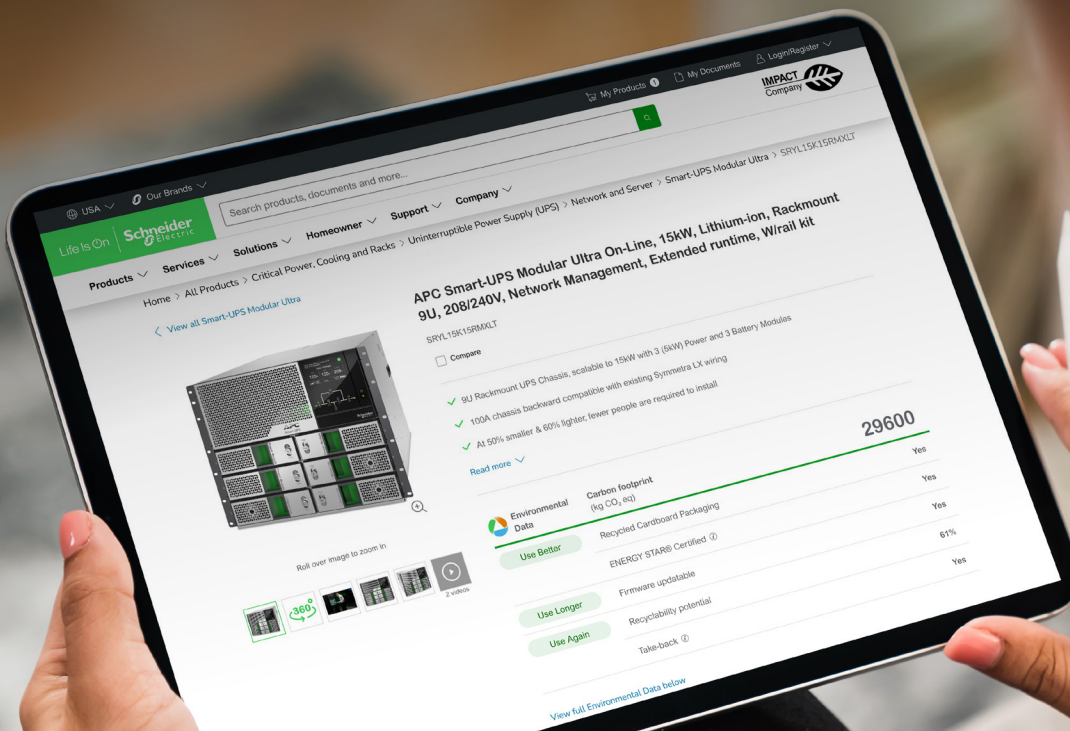








# Environmental Data Program

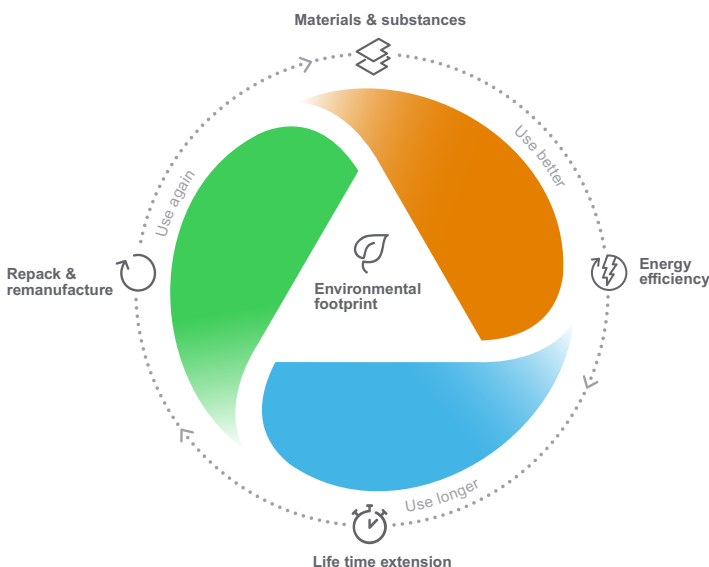


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The Environmental Data Program is a framework for how we measure, categorize, and compare the environmental attributes and footprint of our products.

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

Five data categories across the product lifecycle



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

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

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

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

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