



Installation Materials

Catalogue 06/2019

The ultimate selection

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Life Is On

Schneider
Electric

Installation Materials (IM)



► Introduction for end-consumers

Schneider Electric is the global energy specialist with more than 150 000 employees in around 190 countries.

This is an efficient IM global catalogue created for you. It results in a comprehensive but complete overview of our Installation Materials portfolio. We have selected our best products based on your needs and our experience.

It is now easy for you to find what you want in the shop shelves, all you need to do is to look-out for the green color to get the top quality. Green is not only a color for Schneider Electric. It is also a matter of responsibility and promise. Our products are green while considering people and environment. They are both resource-effective and environmental friendly (zero or low Halogens) and on top, our products are in every detail designed to make your job easier.

The new Schneider Electric Installation Material catalogue is the most competitive on the market in terms of:

- Content (all that you need in one place covering everything from Screws to building site equipment),
- Speed of installation (our innovative products are made for making the installation as easy and fast as possible),
- Quality (with Schneider products installed you could rest ensured that your installation will last for many years without maintenance).

The final installation will be appealing and reflecting your skill and our passion enabling you to grow your business and do the most of your energy.

Stick to the Green and you needn't redo, get it right, right away!



For additional information and access to our full portfolio you are more than welcome to visit us at www.schneider-electric.com

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Box offers

Multifix Air

The perfect answer for airtight installations in hollow walls in all parts of the house.



Multifix Plus 2

The cost-efficient boxes for hollow walls. The boxes can be connected together thanks to an accessory.



Multifix Plus

A complete range of universal boxes for hollow walls.



Multifix Modulo

The cost-efficient range of flush-mounted boxes for brick walls. The integrated connector allows a speedy installation.



Conduit offers



British standard boxes

A range of flush-mounted boxes with boxes dedicated to hollow walls and to brick wall, specifically designed for British Standard countries.

A range of distribution boxes dedicated to Latin America and suitable for concrete, wood and masonry walls.

Marisio LATAM countries



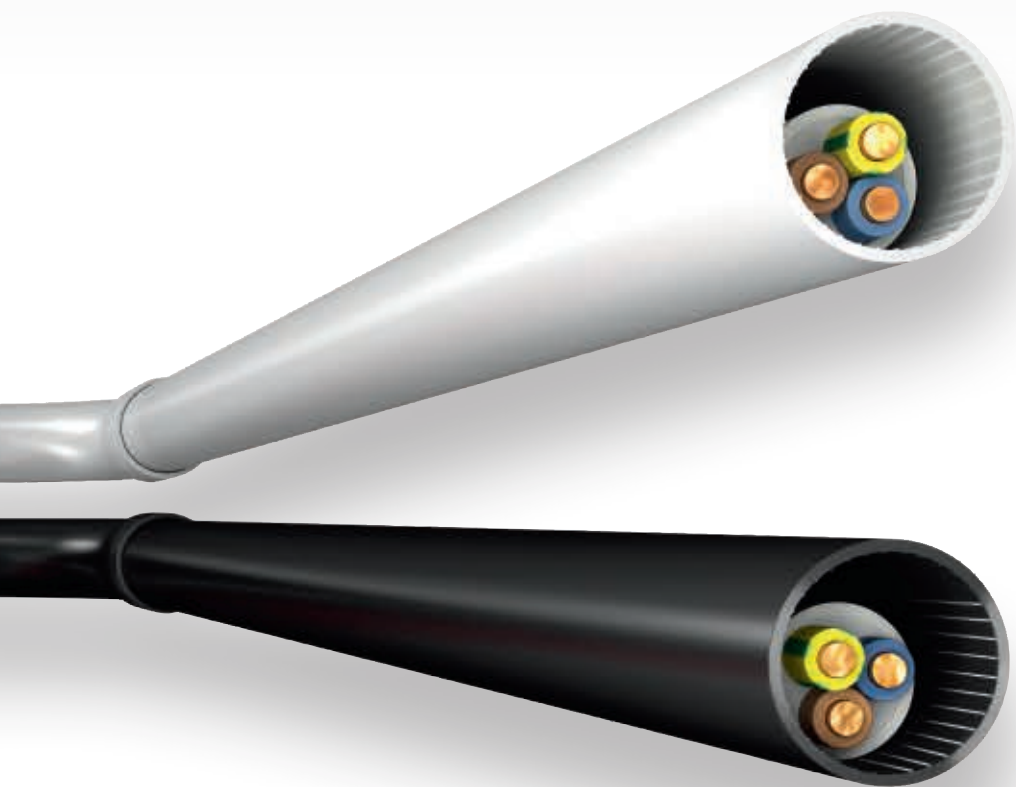
Mureva junction boxes

Complete weatherproof surface mounted boxes from IP54 to IP67 for various residential, building and industry installations.



Marisio LATAM countries

A range of flush-mounted boxes dedicated to Latin America.



Mureva Tube GT - PVC

A full range of rigid tubes, in PVC or Halogen-free, for fast and easy installations. A large choice of diameters and lengths to fulfill various installations constraints.

Mureva Tube GT HF

Airtight solutions for every need

In order to meet your needs, we have fine-tuned a number of Multifix Air functions. For example, we're setting a new market standard with the 47 mm depth, allowing for even more flexibility, work space and technical opportunities. To keep it short: Multifix Air will make your job easier.

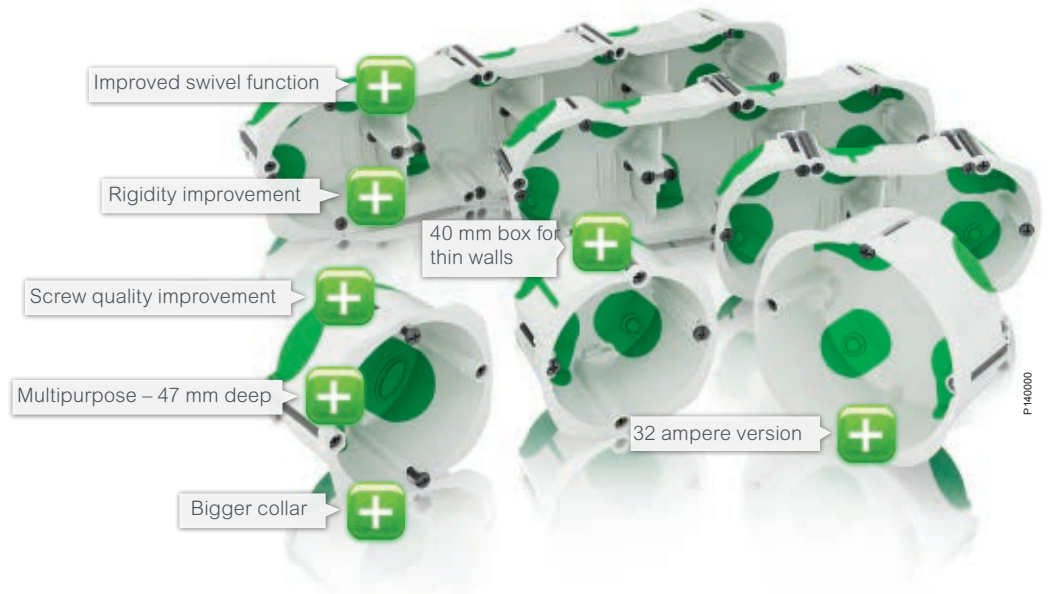
A



The whole Multifix Air range now changes colour design. Look for the green and white products at your store.



The whole Multifix Air box range is now halogen-free.



The end cap keeps the conduits dry inside during the building process. Make sure to put the end cap on as soon as possible.

Discover our green improvements

Listening to you and your colleagues helps us develop and upgrade our products. Your input has led to a number of improvements in the new Multifix Air generation. The new depth – 47 mm – is already available in single and 4-gang boxes, and 2- and 3-gang boxes will follow. We have also made the collar bigger and the box more rigid, added an improved swivel function with guiding, toned up the screw quality even more, added some new smart

accessories and introduced a 32 ampere version. And of course, the whole range is halogen-free.

Along with the technical improvements, the Multifix Air range now also comes in a new design. Look for the green and white products at your store.



The new 47 mm multipurpose box is apt for most installations. You will get more done with less different boxes to keep track of.



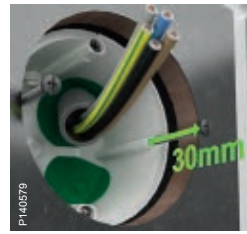
The clever end cap has hinges and can be opened and closed as many times as you wish. It can even be mounted using one hand only. The end cap also helps you ensure proper strain relief for both tubes and cables.



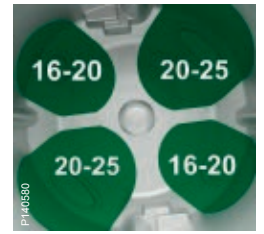
Flexible but firmly fixed
Thanks to the elastic membranes, each installed conduit or cable is safely fixed in its place, and yet flexible enough to adjust to the wanted position.



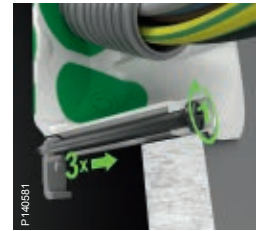
Swivel guiding
The swivel construction provides steady guiding and reversability. If you have to correct the installation, you can easily remove the box without damaging the wall, and re-use it again.



All kinds of walls, wiring devices and frames
The long screws make the boxes suitable for any type of wall, regardless of its thickness.



Knock-outs for conduits – no tools are needed
The membranes have knock-outs suitable for a conduit diameter of 16–20 mm or 20–25 mm. No tools are needed, just push the conduit through the membrane.



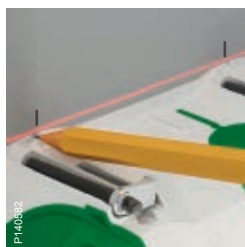
Fast and flexible screws
The screws are “high-speed”, i.e. triple-threaded, making the assembly 3 times faster. Each Phillips-head screw has a built-in stop end to prevent the loss of claws, which makes the box re-usable.



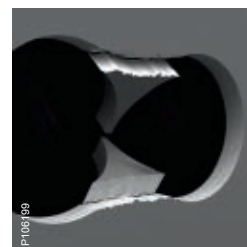
Sturdy and flameproof
All the Multifix Air boxes are flame-proof. This means that they have “survived” the 850°C glow wire test.



Anti-rotating function
The single boxes have anti-rotating wings that ensures a perfect grip in the wall and prevents unwanted rotation of the box.



Fast and easy
The hole saw makes it easy to centre – just mark a fixing point and drill. You'll get a perfect hole without rough edges in no time!



Hide imperfections
The wide and thin collar around the box hides any small mistakes in the hole-making. Thanks to its thin construction it will also minimize the gap between the wiring device and the wall. An other convenient help when mounting Multifix Air boxes is to use our dedicated Marking template.









Multifix Air





for hollow walls and ceilings

A

Airtight apparatus boxes

Type	Colour	Dimensions A/B/C (mm)	Qty per package	Ref. No.
Airtight apparatus box, single				
Single-station apparatus box, 67x40 and 67x47, for mounting at c/c 71 mm. Airtight. Mainly intended for use in hollow outer walls. Material: PP/TPE.				
P108207 	White	71/39/71	50	IMT35001
P139502 	White	71/47/71	40	IMT35032
Airtight apparatus box, single, for 20 and 32A				
Single-station apparatus box 85x47 for 20 and 32 A socket outlets. With extra space for cables. Material: PP/TPE.				
P139504 	White	88/47/84	10	IMT35034
Airtight apparatus box, double				
Double-station apparatus box 67x40 for mounting at c/c 71 mm. Airtight. Mainly intended for use in hollow outer walls. Material: PP/TPE.				
P108206 	White	71/39/142	20	IMT35000
Airtight apparatus box, triple				
Triple-station apparatus box 67x40 mm for mounting at c/c 71 mm. Airtight. Mainly intended for use in hollow outer walls. Material: PP/TPE.				
P119750 	White	71/39/215	10	IMT35031
Airtight apparatus box, four-gang				
Four-gang apparatus box 67x47 mm for mounting at c/c 71 mm. Airtight. Mainly intended for use in hollow outer walls. Material: PP/TPE.				
P139503 	White	71/47/286	5	IMT35033




Airtight wall box kits

With flush cover				
Wall box kit 67x40 mm including flush cover. Airtight. Material: PP/TPE, ABS.				
P119755 				
With flush cover and lighting plug				
Wall box kit 67x40 mm including flush cover with IPX4 DCL outlet, lighting plug with E27 base and DCL plug 2P E, 6A/250 V AC. Airtight. Material: PP/TPE, ABS, PC/ABS.				
P119756 	White	71/39/71	10	IMT35026
With surface cover				
Wall box kit 67x40 mm including surface cover with IPX4 DCL outlet. Airtight. Material: PP/TPE, ABS, PC/ABS.				
P119758 				
Wall box kit 67x40 mm including surface cover with IPX4 DCL outlet, lighting plug with E27 base and DCL plug 2P E, 6A/250V AC. Airtight. Material: PP/TPE, ABS, PC/ABS.				
P119757 	White	71/39/71	10	IMT35027

Multifix Air


for hollow walls and ceilings

Airtight ceiling boxes





Type	Colour	Dimensions A/B/C (mm)	Qty per package	Ref. No.
Without cover				
Ceiling DCL box 67x50 mm with pre-mounted suspension chimney. Airtight. Material: PP/TPE, PA6.6.				
P119765 	White	71/49/71	10	IMT35024
Kit with flush cover and lighting plug				
Ceiling box kit 67x50 mm including flush cover with IPX4 DCL outlet, pre-mounted suspension chimney, hook, and lighting plug with E27 base and DCL plug 2P E, 6A/250 V AC. Airtight. Material: PP/TPE, PA6.6, ABS, PC/ABS, steel.				
P119762 	White	71/49/71	10	IMT35021
Kit with surface cover and lighting plug				
Ceiling box kit 67x50 mm including surface cover with IPX4 DCL outlet, pre-mounted suspension chimney, hook, and lighting plug with E27 base and DCL plug 2P E, 6A/250 V AC. Airtight. Material: PP/TPE, PA6.6, ABS, PC/ABS, steel.				
P119763 	White	71/49/71	10	IMT35023



End caps

End caps for flexible conduits				
End cap for flexible conduit, intended for Ø16 mm, Ø20 mm and Ø25 mm respectively. Material: PP + SEBS.				
P138506 	Natural	19/21/9	100	IMT35036
	Natural	23/25/9	100	IMT35037
	Natural	28/30/9	100	IMT35038

Compatible accessories

Marking template				
Marking template with an integrated water-level. Suitable for c/c 71 hollow walls. Material: PS.				
P140652 	Green	61/19/300	1	IMT35043
Suspension kit				
Suspension kit, intended for ceiling boxes. Material: Steel.				
P118304 	—	Ø1.5/1700	25	IMT35230
DCL plug				
DCL plug 2P E, 6A/250 V AC. Material: PC/ABS.				
P103990 	White	36/17/30.5	20	ALB68005
Hole saw				
Hole saw without spring				
P119701 	Black	100/67/68	1	ALB69892

Multifunction

A

Don't be fooled by the lean and minimalistic design – these installation boxes are all jam-packed with innovations and ingenuity! Even if they may just look like pieces of blue plastic, every detail has its specific purpose aimed to make your job faster, easier and more professional. Look closer at these boxes to discover all the smart details.



Easy mounting/dismounting

The smart expanding claw construction together with the non-loosable screws does also provide reversability. If you have to correct the installation, you can easily remove the box without damaging the wall, and re-use it again. No loss of fixing parts.

Meets the EN standard

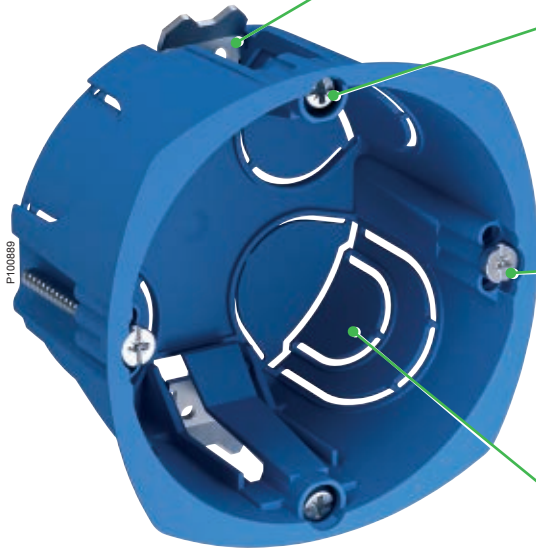
The whole range meets the EN standard IEC 60670-1.



It's sturdy and flame proof

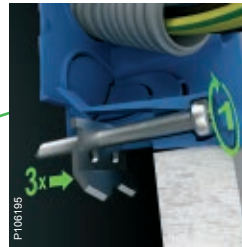
The box is made of polystyrene. It's rigid, reliable and will not crack. Tests have shown it will keep its shape and full function up to 60° and down to -5°C.

The Multifix Plus boxes are all flame-proof. This means that they have "survived" the 850°C glow wire test.



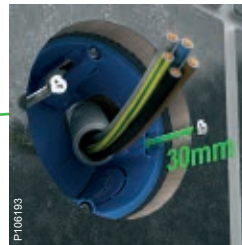
The perfect grip

The 67 mm single boxes have universal fixing claws with multiple function. The expanding construction and sharp-end claw creates a firm grip in hollow board walls. And no need to be tender handed; the screw is torque resistant and the claw is made of steel instead of plastic.



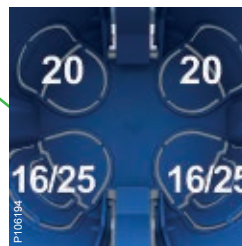
Fast and clever screws

The screws are "high-speed" i.e. triple-threaded. This will make the assembly 3 times faster. Each screw has a built-in stop end to prevent the loss of claws, which makes the box re-usable.



All kinds of walls, wiring devices and frames

The long screws make the boxes suitable for any type of wall, regardless of its thickness. The 60 mm fixing centers fit most wiring devices and handle both horizontal and vertical mounting frames. Three alternative fixing holes for the wiring device ensures a perfect end result.



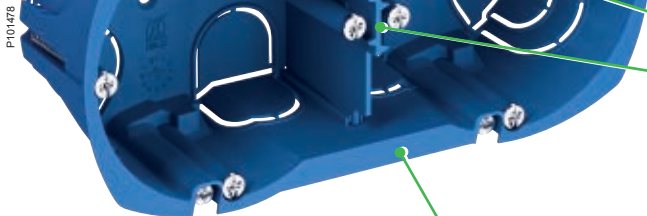
Knock-outs

Six knock-outs for conduits in the single boxes. The knock-outs are easily removed by hand giving a clean cut. So forget about sharp edges and burrs that cause injuries!



Anti-rotation system

The single boxes have four wings that ensure a perfect grip in all walls. Prevents unwanted rotation of the box.



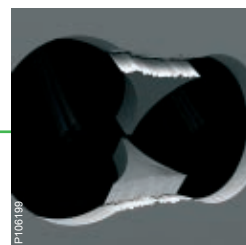
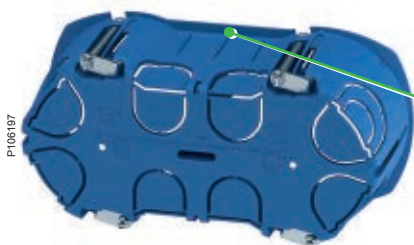
Double box

The two holes in the bottom are for marking where to drill. Once you have drilled the two holes you can easily cut away the needed hole in between with a knife.

The double box has a built-in separation wall that can be removed if needed.

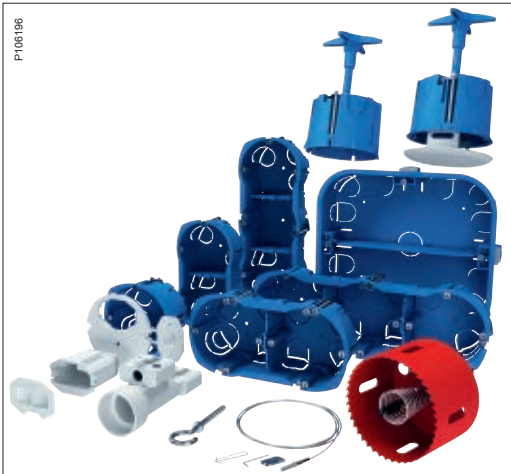
Hides imperfections

The wide and thin collar around the box hides any small mistakes in the hole making. Thanks to its thin construction it will also minimize the gap between the wiring device and the wall.



Multifix Plus

for hollow walls and ceilings



Description

Multifix Plus is an inventive and cost-efficient range of installation boxes from Schneider Electric. There is a wide range of models for every need, from single to multi-station boxes to be mounted in hollow, or in the ceiling. To make it even easier for the customer, many of the items can be ordered in pre-packed kits. Multifix Plus boxes are resistant to cold and heat and can safely be installed in most environments. All metal parts are zinc-plated to eliminate risk of corrosion, and the plastic parts withstand a glow wire test of 850°. The boxes can be used for most wiring device ranges with c/c 60 mm fixing centres, including horizontal and vertical combinations. There are also boxes with c/c 78 mm fixing centres.

Applications

Complete range of flush-mounted boxes for hollow walls. Suitable for most environments in residential and industrial buildings.

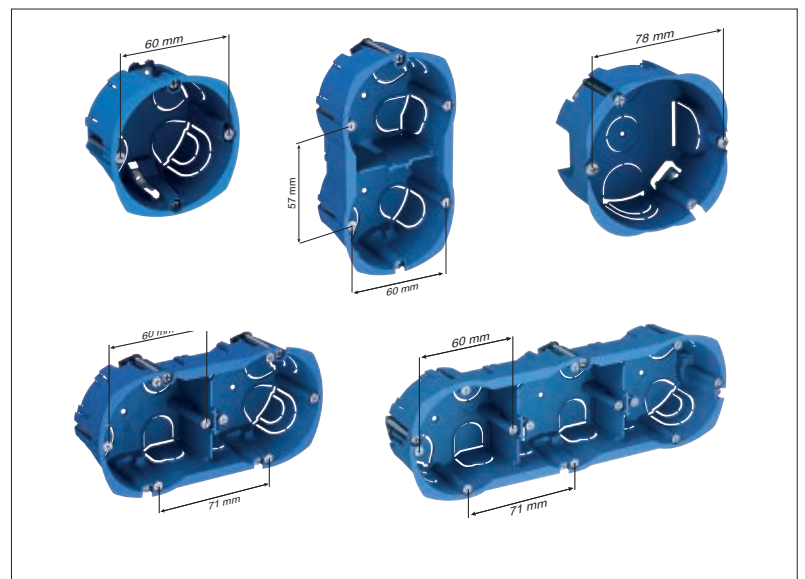
Technical and Material data

Material, box	PS (polystyrene)
Density	1.04 g/cm ³
Material, accessories	PC/ABS
Density	1.15 g/cm ³
Colour specifications	<ul style="list-style-type: none"> • Blue RAL 5015 • White RAL 9010
Degree of protection	IP20
Temperature range	Operating temperature from -5°C to +60°C
Standards	IEC 60670-1 Boxes and enclosures for electrical accessories IEC 61995-1 Devices for the connection of luminaires

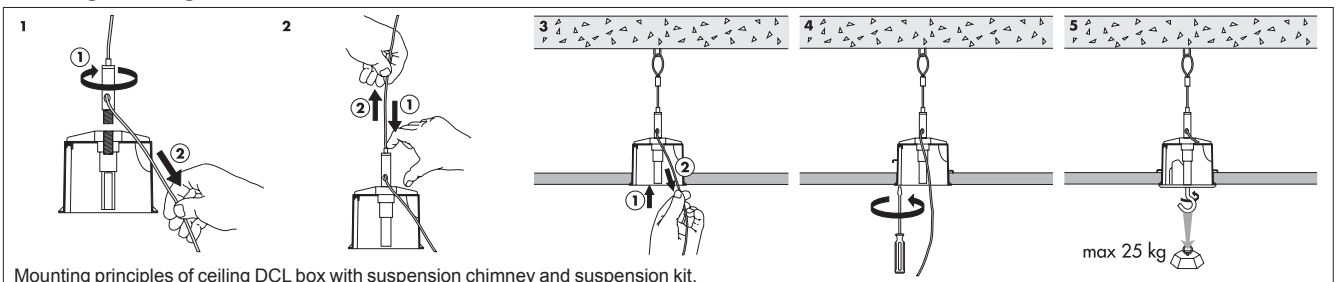
+ Benefits

- Good rigidity of the box
- High-speed screws for quick assembly
- Two depths, 40 and 50 mm, make the box suitable in various wall thicknesses
- No tools needed to remove knock-outs
- No risk for injuries – knock-outs that are clean cut to leave neither sharp edges nor burrs
- Fast and easy hole-making for double/triple boxes thanks to their slim “waistline”
- Easy to mount – the wide and thin collar around the box hides small mistakes in the hole-making
- Smart solution – knock-outs of various sizes in the same box
- Single box with anti-rotation system
- Universal box – handles wiring devices with c/c 60 mm fixing centres
- Meets most requirements of wiring device combinations
- Self-instructive and functional design

Dimensions, c/c



Mounting of ceiling box



Multifix Plus


for hollow walls and ceilings

Apparatus boxes

A

P100889



Type	Colour	Box dim. A/B/C (mm)		Qty per package	Ref. No.
Apparatus box, single					
Single-station apparatus box 67x40 mm. Material: PS (polystyrene).					
67x40 mm	Blue	71/39/71		50	ALB71320

P104018



Apparatus box, single, for 20 and 32 A					
Single-station apparatus box for 20 and 32 A socket outlets. With extra space for cables. Material: PS (polystyrene).					
85x40 mm	Blue	84/40/84		10	ALB71385

P101478



Apparatus box, double					
Double-station apparatus box 67x40 mm for horizontal mounting at c/c 71 mm. Material: PS (polystyrene).					
67x40 mm	Blue	71/39/142		10	ALB71332

P101476





Double-station apparatus box 67x40 mm for vertical mounting at c/c 57 mm. Material: PS (polystyrene).					
67x40 mm	Blue	128/39/71		10	ALB71333

P101481







Apparatus box, triple					
Triple-station apparatus box 67x40 mm for horizontal mounting at c/c 71 mm. Material: PS (polystyrene).					
67x40 mm	Blue	71/39/215		10	ALB71334




Wall box kits

Type	Colour	Box dim. A/B/C (mm)		Qty per package	Ref. No.
With flush cover and lighting plug E27					
Wall box kit 67x40 mm including flush cover with IPX4 DCL outlet and blanking plate, lighting plug with E27 base and DCL plug 2P E, 6A/250 V AC. Material: PS, ABS, PC/ABS.					
P112330 	67x40 mm	Blue	71/39/71	10	ALB71807

Ceiling box kits

Kit with surface cover and lighting plug E27					
Ceiling box kit 67x50 mm including surface cover with IPX4 DCL outlet and blanking plate, suspension chimney, hook, and lighting plug with E27 base and DCL plug 2P E, 6A/250 V AC. Material: PS, PA6.6, ABS, PC/ABS, steel.					
P112329 	67x50 mm	Blue	71/49/71	10	ALB71840
Kit with surface cover					
Ceiling box kit 67x50 mm including surface cover with IPX4 DCL outlet and blanking plate, suspension chimney and hook. Material: PS, PA6.6, ABS, PC/ABS, steel.					
P110407 	67x50 mm	Blue	71/49/71	10	ALB71837
With flush cover and lighting plug E27					
Wall box kit 67x40 mm including flush cover with IPX4 DCL outlet and blanking plate, lighting plug with E27 base and DCL plug 2P E, 6A/250 V AC. Material: PS, ABS, PC/ABS.					
P112330 	67x40 mm	Blue	71/39/71	10	ALB71807
P112324 	67x40 mm With E27 plug	Blue	71/39/71	10	ALB71845

Junction boxes

Type	Colour	Dimensions A/B/C (mm)		Qty per package	Ref. No.
Junction box					
Junction box including cover, for 67 mm drill diameter. For internal measures, see below for each box. Intended for mounting in dry walls. Material: PS (polystyrene).					
P120885 	Size 120x120x40	Blue	124/40/124	5	ENN12811
P120903 	Size 175x175x45	Blue	179/45/179	5	ENN12817

Multifix Plus

for brick walls and ceilings

A



+ Benefits

- Good rigidity of the box
- High-speed screws for quick assembly
- No tools needed to remove knock-outs
- No risk for injuries – knock-outs that are clean cut to leave neither sharp edges nor burrs
- Smart solution – knock-outs of various sizes in the same box
- Universal box – handles wiring devices with c/c 60 mm fixing centres
- Meets most requirements of wiring device combinations
- Self-instructive and functional design

Description

Modulo is a range of installation boxes from Schneider Electric. There is a range of models for every need, from single to multi-station boxes to be mounted in brick walls, or in the ceiling. Some of the items are supplied in pre-packed kits. The Modulo boxes are resistant to cold and heat and can safely be installed in most environments. All metal parts are zinc-plated to eliminate risk of corrosion, and the plastic parts withstand a glow wire test of 650°. The boxes can be used for most wiring device ranges with c/c 60 mm fixing centres, including horizontal and vertical combinations.

Applications

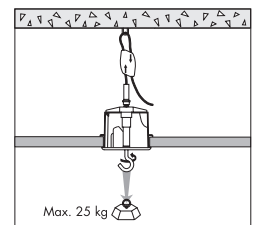
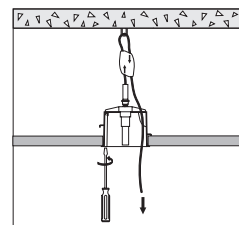
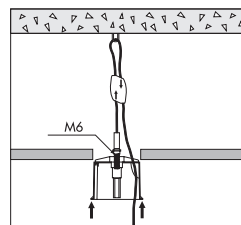
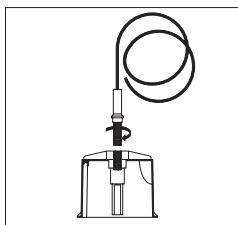
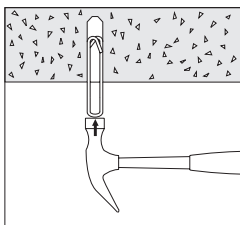
Complete range of flush-mounted boxes for brick walls. Suitable for most environments in residential and industrial buildings.

Technical and Material data



Material, box	PS (polystyrene)
Density	1.04 g/cm ³
Material, accessories	PC/ABS
Density	1.15 g/cm ³
Colour specifications	• Blue RAL 5015 • White RAL 9010
Degree of protection	IP20
Temperature range	Operating temperature from -5°C to +60°C
Standards	IEC 60670-1 Boxes and enclosures for electrical accessories IEC 61995-1 Devices for the connection of luminaires

Mounting of ceiling box


Mounting principles of ceiling DCL box with suspension chimney and Gripple suspension kit.




Wall box





Type	Colour	Box dim. A/B/C (mm)		Qty per package	EAN code	Internal ID-No.	Ref. No.
Wall box with flush cover							
Wall box kit including flush cover with IPX4 DCL outlet and blanking plate, lighting plug with E27 base and DCL plug 2P E, 6A/250 V AC. Material: PS, ABS, PC/ABS.							
P112331		Blue	95/67/67	10	3606480149474	20061348	ALB71821

Ceiling boxes

Ceiling box with flush cover							
Ceiling box kit including flush cover with IPX4 DCL outlet and blanking plate, hook, and lighting plug with E27 base and DCL plug 2P E, 6A/250 V AC. Material: PS, PA6.6, ABS, PC/ABS, steel.							
P112332		Blue	105/67/67	10	3606480149498	20061349	ALB71830

Ceiling box with surface cover and suspension chimney							
Ceiling box kit including surface cover with IPX4 DCL outlet and blanking plate, suspension chimney, hook, and lighting plug with E27 base and DCL plug 2P E, 6A/250 V AC. Material: PS, PA6.6, ABS, PC/ABS, steel.							
P112333		Blue	95/67/67	10	3606480149504	20061350	ALB71831

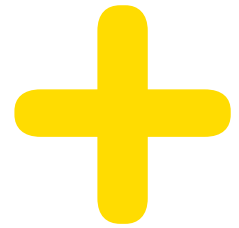
Junction boxes

Junction box							
Junction box including screw-fixed flush cover and screws. Intended for mounting in brick walls. Material: PS (polystyrene).							
P120889		Blue	105/42/105	5	3295150045101	20060711	ENN04510
P120902		Blue	160/45/160	5	3295150045156	20060716	ENN04515
P120900		Blue	165/47/165	5	3295150045163	20060717	ENN04516
Junction box for dry walls							
Junction box including screw-fixed flush cover and screws. Intended for mounting in dry brick walls. Material: PS (polystyrene).							
P120963		Blue	160/45/220	5	3295150045200	20060719	ENN04520

Innovations provide speed

A

At a first glance Multifix Plus 2 might just look as a piece of yellow plastic. Don't let that impression fool you! The Multifix Plus 2 box is in every detail equipped with innovative advantages. Schneider Electric has a long experience in constructing installation material, so we know what it takes and how our products can make the electrician's job easier. Clever knock-outs, the anti-rotation system and triple-threaded high-speed screws are just some of these innovative advantages.



Made to last

The box is made of polypropylene. It's rigid, reliable and will not crack. Tests have shown that it will keep its shape and full function up to 60°C and down to -25°C.

Hides imperfections

The thin collar around the box hides accidental dents from the hole-making. The collar also minimizes the gap between the wiring device and the wall.

c/c 60 mm wiring device

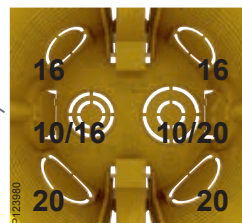
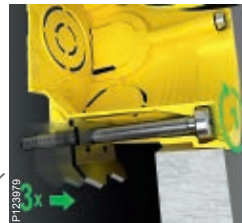
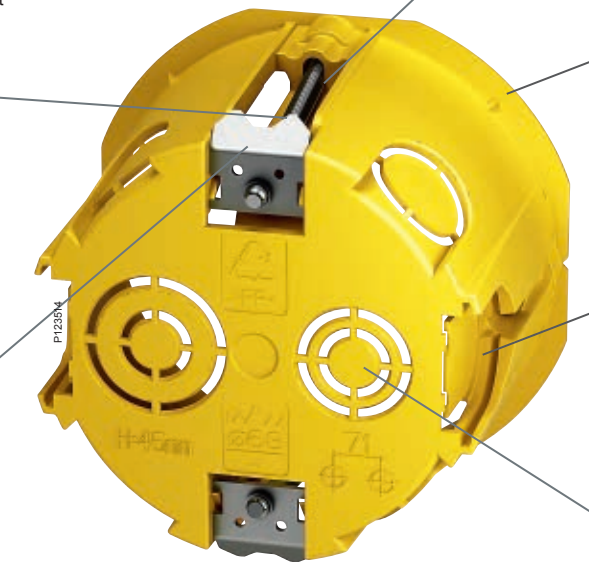
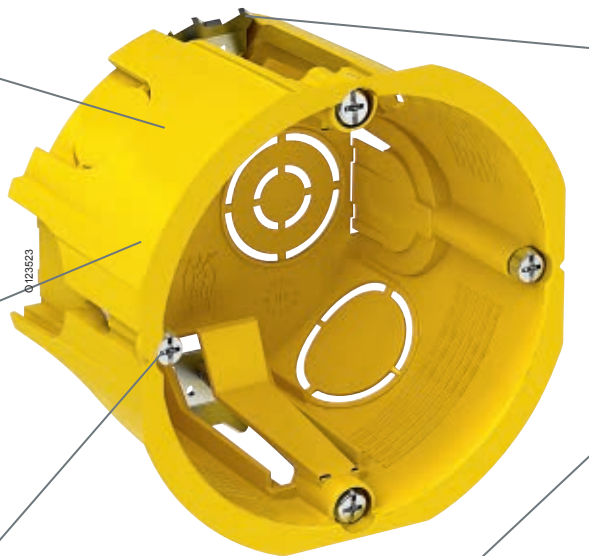
The 60 mm fixing centres fit most wiring devices.

Speed

At Schneider Electric we always think about saving your time. All the Multifix Plus 2 components are therefore designed to speed up your work. The triple-threaded screws are just one example of how this thinking shapes our products.

Easy to install/remove

The smart expanding-claw construction provides reversibility. If the installation must be adjusted, you can easily remove the box and re-use it, without damaging the walls.



The perfect grip

The boxes have universal fixing claws with multiple functions. The expanding construction and the sharpened claw creates a firm grip in hollow board walls. The screw is torque-resistant and the claw is made of steel.

Fast and clever screws

The screws are "high-speed", i.e. triple-threaded. This will make the assembly three times faster. Suitable for power tools.

Anti-rotation system

The round boxes have four wings that ensure a perfect grip in all walls. They prevent unwanted rotation of the box.

Docking interface

To secure the boxes side by side, use the jointing piece.

Knock-outs

The knock-outs are easily removed by hand, giving a clean cut. So forget about sharp edges and burrs that so often cause injuries.

Robust click-in cover with cut-outs

Our junction boxes have a click-in cover with cut-outs for screwdriver to avoid damage to the cover when removed.

IP20 – what does it mean?



IP is short for the International Protection rating, according to the international standard of IEC 60529. The first digit classifies the degree of protection against intrusion of solid objects (such as hands, fingers and dust) while the second digit describes the protection against liquids. So IP20 means that the Multifix Plus 2 box is protected from intrusion by objects bigger than 12 mm but not against water, which is perfect inside a building.

Multifix Plus 2 for hollow wall



P123498



Description

Multifix Plus 2 is a cost-efficient range of installation boxes with knock-outs from Schneider Electric. The range includes a round apparatus box and two junction boxes, one round and one square. They are to be mounted in hollow walls and are also available as DIY products.

Multifix Plus 2 boxes are resistant to cold and heat and can safely be installed in most environments. All metal parts are zinc-plated to eliminate risk of corrosion, and the plastic parts withstand a glow wire test of 850°.

The boxes can be used for most wiring device ranges with c/c 60 mm fixing centres.

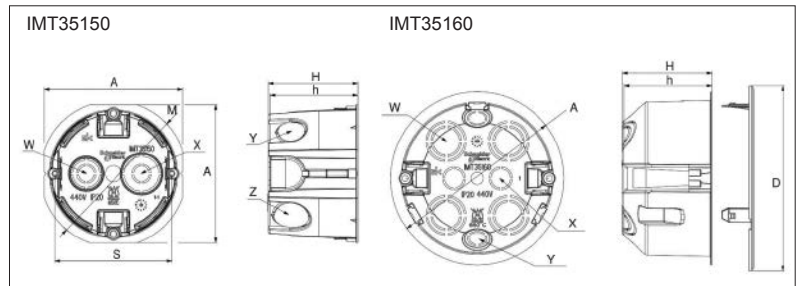
Applications

Flush-mounted boxes for hollow walls. Suitable for most environments in residential and industrial buildings.

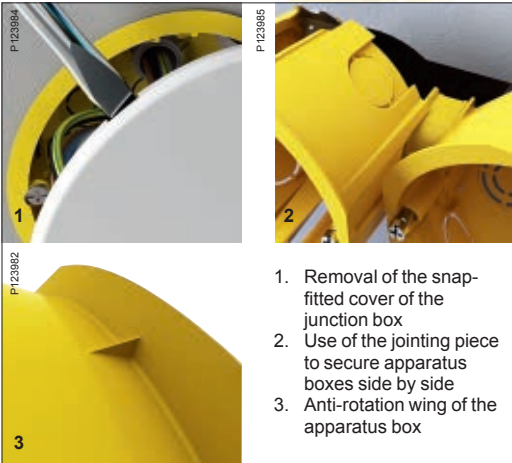
Technical and material data

Material	PP (polypropylene)
Colour specifications	• Yellow RAL 1018 (box) • White RAL 9010 (cover)
Degree of protection	IP20
Flame resistance	850°C
Temperature range	Operating temperature from -25°C to +60°C
Standards	• IEC 60670-1 Boxes and enclosures for electrical accessories • GOST R50827-95 Installation boxes

Dimensions (mm)



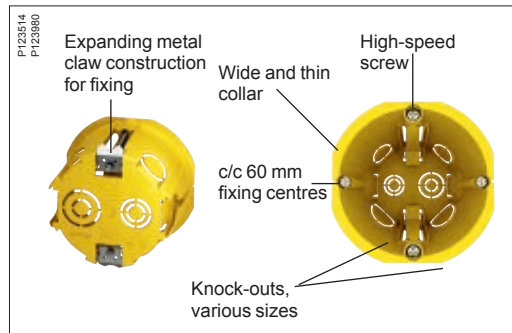
	A	S	H	h	M	W	X	Y	Z		A	H	h	D	W	X	Y	
IMT35150	71	60	46	45	Ø75	10/16	10/20	2x16	2x20		IMT35160	Ø89	46	45	Ø95	4x16/20	2x12	2x10



1. Removal of the snap-fitted cover of the junction box
2. Use of the jointing piece to secure apparatus boxes side by side
3. Anti-rotation wing of the apparatus box

+ Benefits

- Good rigidity of the box
- High-speed screws for quick assembly
- No tools needed to remove knock-outs
- No risk for injuries – knock-outs that are clean cut to leave neither sharp edges nor burrs
- Easy to mount – the wide and thin collar around the box hides small mistakes in the hole cut-out
- Smart solution – knock-outs of various sizes in the same box
- Single box with anti-rotation system
- Meets most requirements of wiring device combinations
- Self-instructive and functional design
- Junction boxes have a snap-fitted cover
- Jointing piece as an accessory



Boxes

Type	Colour	Box dim. A/B/C (mm)	Qty per package	Ref. No.
Apparatus box, round				
Single-station round apparatus box with eight knock-outs and metal claws, to be used in hollow walls. Provided with anti-rotation wings. Size of knock-outs: two Ø10 mm, three Ø16 mm and three Ø20 mm. Degree of protection IP20. Material: PP (polypropylene).				
65x45 mm	Yellow	71/46/71	210/5040	IMT35150
Junction box, round				
Round junction box with twelve knock-outs and metal claws, to be used in hollow walls. Size of knock-outs: two Ø10 mm, two Ø12 mm, four Ø16 mm and four Ø20 mm. White snap-fitted cover with cut-outs for easy removal. Degree of protection IP20. Material: PP (polypropylene).				
80x45 mm	Yellow	Ø95/48	120	IMT35160

Accessory

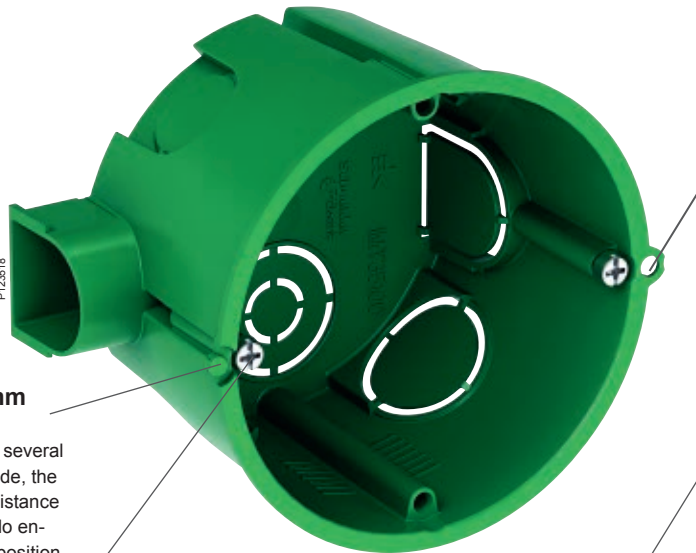
Jointing piece				
Jointing piece for connection of two single-station apparatus boxes, c/c 71 mm. Material: PP (polypropylene).				
Jointing piece	White	21/21/17.5	100	IMT35180

A sturdy installation

The Multifix Modulo is made of polypropylene that makes it rigid enough to endure the installation process in brick walls, which often includes molding or plastering. The boxes are delivered with zinc-plated screws, integrated connecting interface and snap locks. The covers have a rugged surface, which makes them easy to paint. This way the final installation will always match its surroundings.



A



Built-in 71mm distance

When mounting several boxes side by side, the built-in 71 mm distance of Multifix Modulo ensures a correct position.

c/c 60 mm wiring device

The 60 mm fixing centres fit most wiring devices and handle both horizontal and vertical mounting frames.



Integrated stabilizers

Thanks to the smart snap-lock fixation at the front of the box, you will get a robust and reliable integration, when several Multifix Modulo boxes are connected.



Knock-outs

The junction boxes have knock-outs from 10 up to 25 mm. All knock-outs are easily removed by hand giving a clean cut. So there won't be any sharp edges or burrs causing injuries.



Two depths

If the wall is thin you can choose the small and shallow 45 mm apparatus box. For a thicker wall, or to fit more cables or electronic devices, choose the bigger 60 mm box.



Integrated docking interface

Apparatus boxes can easily be horizontally or vertically connected, even if they have different depths. A snap-lock firmly holds the boxes together without adding height, so the installation will still be flush.



Robust click-in cover with cut-outs

Our junction boxes have click-in cover with screw-driver cut-outs to avoid damage to the cover when removed.



IP30 – what does it mean?

IP is short for the International Protection rating, according to the international standard of IEC 60529. The first digit classifies the degree of protection against intrusion of solid objects (such as hands, fingers and dust) while the second digit describes the protection against liquids. So IP30 means that the Multifix Modulo box is protected from intrusion by objects bigger than 2.5 mm, such as tools, wires, etc, but not against water. This is perfect when plastering the box in a correct position.

Multifix Modulo for brick walls and ceilings



Description

Multifix Modulo is a range of installation boxes with knock-outs from Schneider Electric.

The round apparatus box is available in two depths, 46 and 61 mm (external measures). The junction box is either round with snap-fitted cover or square with screw-fixed cover. Both apparatus and junction boxes are intended for mounting in brick walls. They are also available as DIY products.

The Multifix Modulo boxes are resistant to cold and heat and can safely be installed in most environments. All metal parts are zinc-plated to eliminate risk of corrosion, and the plastic parts withstand a glow wire test of 650°.

The boxes can be used for most wiring device ranges with c/c 60 mm fixing centres.

Applications

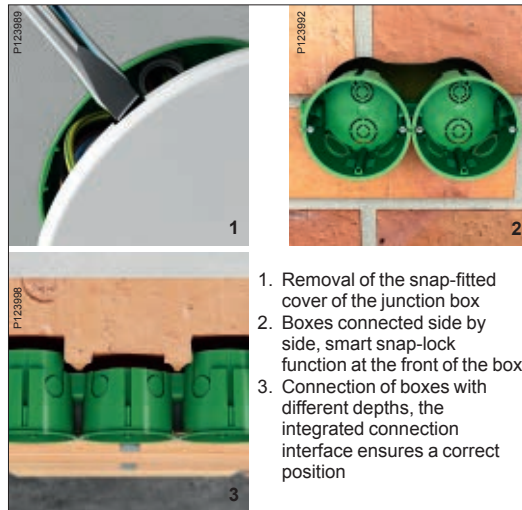
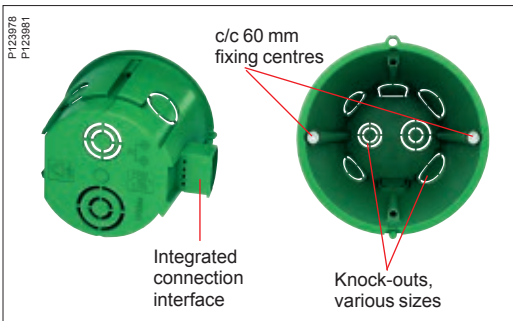
Flush-mounted boxes for brick walls. Suitable for most environments in residential and industrial buildings.

Technical and Material data

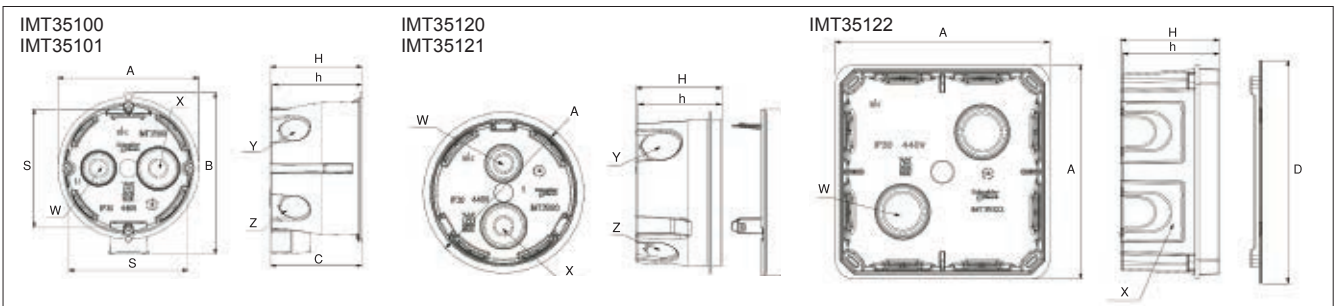
Material, box	PP (polypropylene)
Colour specification	• Green RAL 6001 (box) • White RAL 9010 (cover)
Degree of protection	IP30
Flame resistance	650°C
Temperature range	Operating temperature from -25°C to +60°C
Standards	• IEC 60670-1 Boxes and enclosures for electrical accessories • GOST R50827-95 Installation boxes

+ Benefits

- Good rigidity of the box
- No tools needed to remove knock-outs
- No risk for injuries – knock-outs that are clean cut to leave neither sharp edges nor burrs
- Smart solution – knock-outs of various sizes in the same box
- Universal box – handles wiring devices with c/c 60 mm fixing centres
- Meets most requirements of wiring device combinations
- Integrated interface for connection of several boxes in a row
- Self-instructive and functional design



Dimensions (mm)



	A	B	H	h	C	S	W	X	Y	Z		A	H	h	D	W	X	Y	Z		A	H	h	D	W	X		
IMT35100	Ø71	81	46	45	46	60	10/16	10/20	2x16	2x20		IMT35120	Ø77	41	40	Ø80	10/16	10/20	2x20	2x16		IMT35122	108	49.5	48	112	2x20/25	8x16/20/30
IMT35101	Ø71	81	60	59	46	60	10/16	10/20	2x16	2x20		IMT35121	Ø102	49.5	48	Ø107	16/25	16/25	4x25	4x20								

Apparatus & junction boxes

A

P123518



P123519



P123520




P123521



P123522

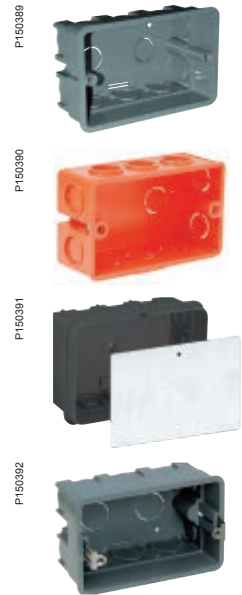


Type	Colour	Box dim. A/B/C (mm)		Qty per package	Ref. No.
Single apparatus box					
Single-station round apparatus box with eight knock-outs, to be used in brick walls. Size of knock-outs: two Ø10 mm, three Ø16 mm and three Ø20 mm. Integrated connection interface for connection of two or more boxes in a row, ensures a correct flush position also when the boxes have different heights. Degree of protection IP30. Material: PP (polypropylene).					
65x45	Green	81/46/71		200/4800	IMT35100
65x60	Green	81/61/71		120	IMT35101
Round junction box					
Round junction box with eight knock-outs, including white snap-fitted cover, to be used in brick walls. Size of knock-outs: two Ø10 mm, three Ø16 mm and three Ø20 mm. Degree of protection IP30. Material: PP (polypropylene).					
70x40	Green	Ø80/43		175	IMT35120
Round junction box with twelve knock-outs, including white snap-fitted cover, to be used in brick walls. Size of knock-outs: two Ø16 mm, four Ø20 mm and six Ø25 mm. Degree of protection IP30. Material: PP (polypropylene).					
100x50	Green	Ø107/51		84	IMT35121
Square junction box					
Square junction box with 28 knock-outs, including white screw-fixed cover and four screws, to be used in brick walls. Size of knock-outs: eight Ø16 mm, ten Ø20 mm, two Ø25 mm and eight Ø30 mm. Degree of protection IP30. Material: PP (polypropylene).					
100x100x50	Green	112/51/112		72	IMT35122



Marisio flush mounted boxes for LATAM countries

Plastic ABS, 12 cable outputs, produced in ABS-PC (MWD050081035 Produced in ABS) and self-extinguishing.
 MWD050081000 and MWD050081004 : Suitable for thin panels and walls. 2"x4" FF.compatible, strong mechanical and thermal, non metallic inserts.
 MWD050081004 : Metallic inserts for holds screws.
 MWD050081013 : Multipurpose Box, with high depth to fit all kind of Wiring Devices, with cover.
 MWD050081035 : Suitable for concrete, wood and masonry walls, depth adjustment until 1.5 cm.



Type	Colour	Box dim. A/B/C (mm)	Qty per package	Ref. No.
Plastic flush mounted Box 4x2 with 16mm knock-outs	Grey	64x41x100	200	MWD050081000
Plastic flush mounted Box with knock-outs	Orange	60x40x99	200	MWD050081004
Plastic flush mounted Box with cover and knock-outs	Grey	115x70x165	12	MWD050081013
Plastic flush mounted Box with 16-22 knock-outs and depth adjustment	Grey	68x50x105	180	MWD050081035

Marisio distribution boxes for LATAM countries

Plastic ABS, self-extinguishing, suitable for concrete, wood and masonry walls, or any tertiary market need. Available in 8 different sizes to fit all needs regarding data centralization, lighting, temperature control. Strong mechanical and thermal resistance



Type	Colour	Box dim. A/B/C (mm)	Qty per package	Ref. No.
Distribution Box with Cover		92x45x92	5	MWD050082106
Distribution Box with Cover		96x50x118	5	MWD050082108
Distribution Box with Cover		96x70x118	5	MWD050082110
Distribution Box with Cover		96x70x152	5	MWD050082112
Distribution Box with Cover		130x70x152	5	MWD050082114
Distribution Box with Cover		152x70x196	5	MWD050082116
Distribution Box with Cover		152x70x294	5	MWD050082118
Distribution Box with Cover		294x75x326	5	MWD050082124

Dry lining boxes for British Standard countries



GDL1



- BS 5733

Description	Gang	Qty per package	Ref. No.
34 mm deep	1	10	GDL1
34 mm deep	2	10	GDL2

- Minimum and maximum thickness 2 - 17 mm

Flush galvanised steel boxes



SB161



- BS 4662

Description	Gang	Qty per package	Ref. No.
16 mm deep	1	20	SB161
25 mm deep	1	10	SB251
25 mm deep	2	10	SB252
35 mm deep	1	10	SB351
35 mm deep	2	5	SB352
47 mm deep	1	10	SB471
47 mm deep	2	4	SB472

- All galvanised steel accessory boxes are supplied with earth terminal and screw
- Supplied with fixed and adjustable lugs

Surface mounted boxes

Mureva junction boxes

Sometimes you need electricity where it really should be impossible to install it, like in wet or dusty places, or where electricity has not been planned at all. You needn't worry! Since the Mureva boxes from Schneider Electric thoroughly satisfy any high safety requirement that the business might have, all surface mounted installations can be made irrespective of environment or safety needs. The boxes are easy to install, they are stable and they are halogen-free. You can equip them according to your specific needs or buy them as complete junction boxes. With Mureva at hand, no job will be too demanding!

B



Halogen-free
The products in the
Mureva range are
halogen-free.
Good for you and for
the environment!



A complete weather proof range from IP54 to IP67

Mureva includes all the boxes you need for surface mounted installations. Indoor and outdoor junction boxes, enclosed boxes, boxes for cable trays, fire resistant boxes. Our boxes are the natural choice for bathrooms, pool rooms and other tough, demanding environments. They perfectly complete the full weatherproof system when required.

IP54 protection - Against dust, moisture and impact in tough environments

The IP54 classification means extra protection against dust and moisture. Our offer is dust and moisture-proof, have clever screw-fixed covers and is impact resistant. Suitable for surface mounted installations in unheated premises, schools, sports centers and similar public premises. It can also be used for outdoor installations.

Offer: Mureva TED-012.

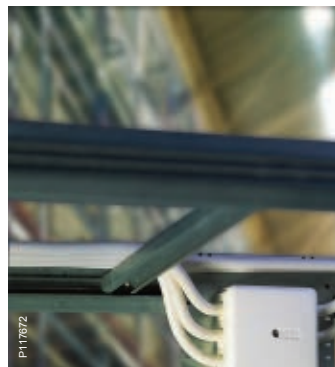


IP55/65 protection - For rough and damp environments

This is a wide range of possibilities that provides safe installations in rough environments, indoors as well as outdoors, exposed to water and dust like Industry, farms, parking facilities or even a bathroom at home. The ease and fast time of installation brings to that range their more important advantage.

Offers: Mureva BIP, Mureva Box, Mureva U56.

B



IP67 protection - Enclosed boxes for the very toughest environments

In the very toughest environments the box must withstand water splashing without letting moisture in, i.e. it must be watertight. In addition, it must resist various chemicals and high temperatures without losing its shape.


Offer: Mureva TED-022.



IP54 protection junction boxes – Mureva TED

P112392



Type	Colour	Dimensions internal (mm)	Dimensions external (mm)		Qty per package	Ref. No.
TED-012 without terminal block						
Surface mounted junction box with screw-fixed cover. IP54. Material: ABS.						
Mureva TED-012 10 Grommets	White	91x36x91	100x49x100		5	IMT34111

IP55 protection junction boxes, round with grommets – Mureva BIP


B

P123529



P123528



Type	Colour	Dimensions A/B/C (mm)		Qty per package	Ref. No.
Junction box with grommets, round					
Surface mounted junction box with clipped-on cover, round, in two internal dimensions. Including screw collar caps. Degree of protection IP55, flame resistance 750°C. Material: PP (polypropylene).					
Mureva BIP Ø65x40 4 grommets Ø20	Grey		Ø84x48	150	IMT35093
Mureva BIP Ø80x40 4 grommets Ø20	Grey		Ø100x48	96	IMT35094

IP55 protection junction boxes, square with grommets – Mureva BIP

P123530




P123531









P123527










Type	Colour	Dimensions internal (mm)	Dimensions external (mm)		Qty per package	Ref. No.
Junction box with grommets, square						
Surface mounted junction box with clipped-on cover, square. Including screw collar caps. Degree of protection IP55, flame resistance 750°C. Material: PP (polypropylene).						
Mureva BIP 6 grommets Ø20	Grey	70x70x40	95x48x95		96	IMT35090
Mureva BIP 6 grommets Ø20	Grey	85x85x40	110x48x110		72	IMT35092
Surface mounted junction box with clipped-on cover, square. Including screw collar caps. Degree of protection IP55, flame resistance 750°C. Material: PP (polypropylene).						
Mureva BIP 6 grommets Ø20	Grey	100x100x50	130x58x130		45	IMT35091

IP55 protection junction boxes with grommets – Mureva Box



Type	Colour	Dimensions internal (mm)	Dimensions external (mm)		Qty per package	Ref. No.
Junction box with clipped-on cover, round						
Surface mounted junction box with grommets and clipped-on cover. Including screw collar caps for extra protection of the screw heads. Degree of protection IP55, mechanical protection IK07, flame resistance 650°C. Material: ABS (body), PP (cover).						
P120834 P120634 	Mureva Box	Grey	Ø60x40	Ø72x50	5	ENN05001
	4 grommets Ø20	White				IMT05021
Junction box with clipped-on cover, square						
Surface mounted junction box with grommets and clipped-on cover. Including screw collar caps for extra protection of the screw heads. Degree of protection IP55, mechanical protection IK07, flame resistance 650°C. Material: ABS (body), PP (cover).						
P120835 P120633 	Mureva Box	Grey	65x45x65	82x52x82	5	ENN05002
	4 grommets Ø20	White				IMT05022
P120825 P120632 	Mureva Box	Grey	65x45x65	82x52x82	5	ENN05032
	7 grommets Ø20	White				IMT05072
P120833 P120621 	Mureva Box	Grey	80x45x80	97x52x97	5	ENN05004
	7 grommets Ø20	White				IMT05024
P120801 	Mureva Box	Grey	80x45x80	97x52x97	5	ENN05204
7 grommets Ø20 and terminals						



IP55 protection junction boxes with grommets – Mureva Box








Type	Colour	Dimensions internal (mm)	Dimensions external (mm)	Qty per package	Ref. No.	
Junction box with screw-fixed cover, square						
Surface mounted junction box with grommets and quarter-turn screw-fixed cover. Including screw collar caps for extra protection of the screw heads. Degree of protection IP55, mechanical protection IK07, flame resistance 750°C. Material: PP.						
	Mureva Box	Grey	105x55x105	128x62x128	5	ENN05005
	7 grommets Ø25	White				IMT05025
	Mureva Box	Grey	105x55x105	128x62x128	5	ENN05205
	7 grommets Ø25 and terminals					
Junction box with clipped-on cover, rectangular						
Surface mounted junction box with grommets and clipped-on cover. Including screw collar caps for extra protection of the screw heads. Degree of protection IP55, mechanical protection IK07, flame resistance 650°C. Material: ABS (body), PP (cover).						
	Mureva Box	Grey	105x55x65	124x62x82	5	ENN05003
	8 grommets Ø20	White				IMT05023
Junction box with screw-fixed cover, rectangular						
Surface mounted junction box with grommets and quarter-turn screw-fixed cover. Including screw collar caps for extra protection of the screw heads. Degree of protection IP55, mechanical protection IK07, flame resistance 750°C. Material: PP.						
	Mureva Box	Grey	150x80x105	172x87x129	1	ENN05007
	10 grommets Ø25					
	Mureva Box	Grey	175x80x150	200x88x176	1	ENN05010
	10 grommets Ø25 and 2 grommets Ø32					
	Mureva Box	Grey	225x100x175	251x108x204	1	ENN05013
	4 grommets Ø25 and 8 grommets Ø32					
	Mureva Box	Grey	275x120x225	302x128x255	1	ENN05017
	16 grommets Ø32 and 4 grommets Ø40					
	Mureva Box	Grey	325x120x275	355x129x305	1	ENN05019
	10 grommets Ø32 and 10 grommets Ø40					

IP55 junction boxes with knock-outs – Mureva Box





Junction box with clipped-on cover, square						
Surface mounted junction box with metric knock-outs and clipped-on cover. Including screw collar caps for extra protection of the screw heads. Degree of protection IP55, mechanical protection IK07, flame resistance 650°C. Material: ABS (body), PP (cover).						
	Mureva Box	Grey	65x45x65	74x52x74	5	ENN05082
	4 knock-outs M16/20,					
	Mureva Box	Grey	80x45x80	89x52x89	5	ENN05084
	4 knock-outs M16/20,					

B

IP55 junction boxes with knock-outs – Mureva Box

Type	Colour	Dimensions internal (mm)	Dimensions external (mm)	Qty per package	Ref. No.		
Junction box with screw-fixed cover, square							
Surface mounted junction box with metric knock-outs and quarter-turn screw-fixed cover. Including screw collar caps for extra protection of the screw heads. Degree of protection IP55, mechanical protection IK07, flame resistance 750°C. Material: PP.							
P120613		Mureva Box 7 knock-outs M16/20	Grey	105x55x105	115x62x115	5	ENN05085
Junction box with clipped-on cover, rectangular							
Surface mounted junction box with metric knock-outs and clipped-on cover. Including screw collar caps for extra protection of the screw heads. Degree of protection IP55, mechanical protection IK07, flame resistance 650°C. Material: ABS (body), PP (cover).							
P120617		Mureva Box 6 knock-outs M16/20	Grey	105x55x65	116x62x74	5	ENN05083
Junction box with screw-fixed cover, rectangular							
Surface mounted junction box with metric knock-outs and quarter-turn screw-fixed cover. Internal dimensions, see below. Including screw collar caps for extra protection of the screw heads. Degree of protection IP55, mechanical protection IK07, flame resistance 750°C. Material: PP.							
P120638		Mureva Box 8 knock-outs M12/16, 4 M16/20 and 2 M20/25	Grey	150x80x105	164x87x121	1	ENN05087
P120637		Mureva Box 8 knock-outs M12/16, 4 M20/25 and 4 M25/32	Grey	175x80x150	193x88x164	1	ENN05090
P120640		Mureva Box 6 knock-outs M20/25 and 6 M32/40	Grey	225x100x175	241x108x194	1	ENN05093
P120642		Mureva Box 16 knock-outs M20/25 and 8 M32/40	Grey	275x120x225	292x128x242	1	ENN05097
P120609		Mureva Box 24 knock-outs M20/25 and 8 M32/40	Grey	325x120x275	342x129x292	1	ENN05099

IP55 junction boxes without entries – Mureva Box

Junction box with clipped-on cover, square							
Surface mounted junction box with solid walls and clipped-on cover, without entries. Including screw collar caps for extra protection of the screw heads. Degree of protection IP55, mechanical protection IK07, flame resistance 650°C. Material: ABS (body), PP (cover).							
P120618 P120622		Mureva Box	Grey White	80x45x80	89x52x89	5	ENN05044 IMT05064
Junction box with screw-fixed cover, square							
Surface mounted junction box with solid walls and quarter-turn screw-fixed cover, without entries. Including screw collar caps for extra protection of the screw heads. Degree of protection IP55, mechanical protection IK07, flame resistance 750°C. Material: PP.							
P120611 P120614		Mureva Box	Grey White	105x55x105	115x62x115	5	ENN05045 IMT05065
Junction box with screw-fixed cover, rectangular							
Surface mounted junction box with solid walls and quarter-turn screw-fixed cover, without entries. Including screw collar caps for extra protection of the screw heads. Degree of protection IP55, mechanical protection IK07, flame resistance 750°C. Material: PP.							
P124662		Mureva Box	Grey	150x80x105	164x87x121	1	ENN05047
P124715				175x80x150	193x88x164	1	ENN05050

IP55 security boxes with grommets – Mureva by Mureva Box

Type	Colour	Dimensions internal (mm)	Dimensions external (mm)	Qty per package	Ref. No.	
Junction box with screw-fixed cover, rectangular						
Surface mounted junction box with solid walls and quarter-turn screw-fixed cover, without entries. Including screw collar caps for extra protection of the screw heads. Degree of protection IP55, mechanical protection IK07, flame resistance 750°C. Material: PP.						
P124663	Mureva by Mureva Box	Grey	225x100x175	241x108x194	1	ENN05053
P124664	Mureva by Mureva Box	Grey	275x120x225	292x128x242	1	ENN05057
P124665	Mureva by Mureva Box	Grey	325x120x275	342x129x292	1	ENN05059

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IP55 security boxes with grommets – Mureva Box

Type	Colour	Dimensions internal (mm)	Dimensions external (mm)	Qty per package	Ref. No.	
Junction box for security circuits, square, with screw-fixed cover						
Surface mounted junction box for security circuits, with grommets and clipped-on cover. Including screw collar caps for extra protection of the screw heads. Degree of protection IP55, mechanical protection IK07, flame resistance 960°C. Material: PP.						
P120635 P120624	Mureva Box	Red	80x45x80	97x52x97	5	ENN05164
	7 grommets Ø20 mm	Grey				ENN05264
Junction box for security circuits, square, with screw-fixed cover						
Surface mounted junction box for security circuits, with grommets and quarter-turn screw-fixed cover. Including screw collar caps for extra protection of the screw heads. Degree of protection IP55, mechanical protection IK07, flame resistance 960°C. Material: PP.						
P120612 P120628	Mureva Box	Red	105x55x105	128x62x128	5	ENN05165
	7 grommets Ø25 mm	Grey				ENN05265
Junction box for security circuits, rectangular, with screw-fixed cover						
Surface mounted junction box for security circuits, with grommets and quarter-turn screw-fixed cover. Including screw collar caps for extra protection of the screw heads. Degree of protection IP55, mechanical protection IK07, flame resistance 960°C. Material: PP.						
P120626 P120637	Mureva Box	Red	150x80x105	172x87x129	1	ENN05167
	Junction box with 10 grommets Ø25 mm	Grey				ENN05267

IP55 security boxes with knock-outs – Mureva Box











Junction box for security circuits, square, with screw-fixed cover						
Surface mounted junction box for security circuits, with metric knock-outs and quarter-turn screw-fixed cover. Including screw collar caps for extra protection of the screw heads. Degree of protection IP55, mechanical protection IK07, flame resistance 960°C. Material: PP.						
P120619	Mureva Box	Red	80x45x80	89x52x89	5	ENN05174
	4 knock-outs M16/20					
Junction box for security circuits, square, with screw-fixed cover						
Surface mounted junction box for security circuits, with metric knock-outs and quarter-turn screw-fixed cover. Including screw collar caps for extra protection of the screw heads. Degree of protection IP55, mechanical protection IK07, flame resistance 960°C. Material: PP.						
P120629	Mureva Box	Red	105x55x105	115x62x115	5	ENN05175
	7 knock-outs M16/20					
Junction box for security circuits, rectangular, with screw-fixed cover						
Surface mounted junction box for security circuits, with metric knock-outs and quarter-turn screw-fixed cover. Including screw collar caps for extra protection of the screw heads. Degree of protection IP55, mechanical protection IK07, flame resistance 960°C. Material: PP.						
P120639	Mureva Box	Red	150x80x105	164x87x121	1	ENN05177
	8 knock-outs M12/16, 4 M16/20 and 2 M20/25					

IP65 protection junction boxes with grommets – Mureva U56

	Type	Colour	Dimensions internal (mm)	Dimensions external (mm)		Qty per package	Ref. No.
Junction box without terminal block							
	Surface mounted junction box with screw-fixed cover. IP65. Material: ABS.						
P112367	Mureva U56 10 grommets Ø14	White	79x79x30	87x39x87		5	IMT34076
Junction box with terminal block, screw-type							
	Surface mounted junction box with screw-fixed cover and screw-type terminal blocks. IP65. Material: ABS.						
P112368	Mureva U56 5-pole screw terminal 10 grommets Ø14	White	79x79x30	87x39x87		5	IMT34077
Junction box with terminal block, push-in type							
	Surface mounted junction box with screw-fixed cover and 6-pole push-in terminal blocks. IP65. Material: ABS.						
P112369	Mureva U56 10 grommets Ø14	White	79x79x30	87x39x87		5	IMT34094
Junction box mounted on cable-tray plate, without terminal block							
	Surface mounted junction box with screw-fixed cover mounted on a cable-tray plate. IP65. Material: ABS.						
P112371	Mureva U56 10 grommets Ø14	White	79x79x30	180x120x39		5	IMT34096
Junction box mounted on cable-tray plate, with terminal block, screw-type							
	Surface mounted junction box with screw-fixed cover and 5-pole screw-type terminal block, mounted on a cable-tray plate. IP65. Material: ABS.						
P112372	Mureva U56 10 grommets Ø14	White	79x79x30	180x120x39		5	IMT34097
Junction box fire-resistant, without terminal block							
	Surface mounted junction box with screw-fixed cover. Fire-resistant according to UL 94 V0. IP65. Material: PC/ABS.						
P112367	Mureva U56 10 grommets Ø14	White	79x79x30	87x87x39		5	IMT34126
Junction box fire-resistant, with terminal block, screw-type							
	Surface mounted junction box with screw-fixed cover and 5-pole screw-type terminal block. Fire-resistant according to UL 94 V0. IP65. Material: PC/ABS.						
P112368	Mureva U56 10 grommets Ø14	White	79x79x30	87x87x39		5	IMT34127
Click-lid box, without terminal block							
	Surface mounted junction box with click lid. IP65. Material: ABS.						
P120046	Mureva U56 10 grommets Ø14	White	79x79x30	87x87x39		5	IMT34128
IP67 protection junction boxes with grommets – Mureva TED							
Junction box without terminal block							
	Surface mounted junction box with screw-fixed cover. IP67. Material: ABS.						
P112394	Mureva TED-022 10 grommets	White	91x36x91	100x49x100		5	IMT34113







Accessories U56

	Type	Colour	Dimensions external (mm)		Qty per package	Ref. No.
	Strain relief devices					
	Strain relief for K60 junction boxes. Also suitable for KB65 junction box. Material: PA.					
P112388		K60 Strain relief	White	42/20/24	10	IMT36109
	Terminal blocks					
	3-pole screw-type terminal block for use in U56 junction boxes. Cable range 1.5-2.5 mm ² . 440 V. Material: PA.					
P112377		U56 Screw terminal	Green	25/9/31	10	IMT36089
	5-pole screw-type terminal block for use in U56 junction boxes. Max cable area 3x2.5 mm ² . Material: PA.					
P112415		U56 Screw terminal	Green	20/25/51	10	IMT36086
	6-pole push-in terminal block approved for max 85°C. Max cable area 6x2.5 mm ² . For K90/U56 with terminal plate. Material: PA.					
P119596		K90/U56 Push-in terminal	White	15/15/15	50	WDE0000010
	Terminal plate					
	Terminal plate for fixation of screw-type or push-in terminal blocks in U56 junction boxes. Material: ABS.					
P112380		U56 Terminal plate	White	70/5.5/42	10	IMT36088
	Strain relief for U56 junction boxes. Max cable diameter 14 mm ² . Material: ABS.					
P112382		U56 Strain relief	White	27/46/56	10	IMT36084
	Grommets					
	Replacement grommet for U56 junction boxes. Material: SEBS.					
P112381		U56 Grommet	White	8/23/23	10	IMT36085
	Small grommet for U56 junction boxes, fire resistant. Material: SEBS.					
P112381		U56 Grommet	White	7/22/22	10	IMT36129
	Partition wall					
	Partition wall to be used in U56 junction boxes. To divide the box in two separate compartments, for the separation of power and low voltage cables. Material: Thermoplastic.					
P112383		U56 Separation wall	Green	32/-/80	5	IMT36104

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Accessories for Mureva junction boxes

Type	Colour	Dim. (mm)	Qty per package	Ref. No.
Flexible grommets				
Flexible grommet suitable for unthreaded holes. For fast installation by using either EVA (easy valve access) membrane entry, i.e. direct entry of rigid cables 4-14 mm ² , or stepped entry, by removing a step of the desired diameter for cables or conduits from 14 mm ² to 20, 25, 32 and 40 mm ² respectively. Material: SBS.				
P120649, P120645 P120647 	Grommet Ø20 mm, drilling Ø23 mm, cables/ conduits up to 20 mm ²	Grey RAL 7035	13/Ø28	10 ISM71071
P120650, P120646 P120648 	Grommet Ø25 mm, drilling Ø29 mm, cables/ conduits up to 25 mm ²	Grey RAL 7035	15/Ø33	10 ISM71072
P120651 	Grommet Ø32 mm, drilling Ø36 mm, cables/ conduits up to 32 mm ²	Grey RAL 7035	17/Ø42	10 ISM71073
P120652 	Grommet Ø40 mm, drilling Ø44 mm, cables/ conduits up to 40 mm ²	Grey RAL 7035	18/Ø50	10 ISM71074

Chocbox

+ Benefits

- Revolutionary connector cover
- Safe and simple to use
- Tested to BS EN60598-1 (13.3.2), 850°C

Description

Chocbox is a connector cover (2 - 30 A), a junction box (fixed wiring) and a conduit box.

Applications

Solution to protecting and insulating electrical connections



Ref. No.	Description	Size (mm)	Qty per package
CHOCBOXTH	Chocbox Connector box	90x50x30	200
Maximum capacities			
Connector size	With cordgrip		Without cordgrip
2 amp	8 pole		10 pole
5 amp	6 pole		8 pole
15 amp	4 pole		4 pole
30 amp	3 pole		3 pole

Rigid conduits

The complete cable management system

Now it's time to put an end to twisty and complicated electrical installations.

With the design of the inside surface, the Mureva Tube GT provides for fast and easy cable insertions. This feature is also applied to various accessories within the Mureva GT range, which provides for fast, tidy and homogeneous electrical installations in any type of environment.

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P126825



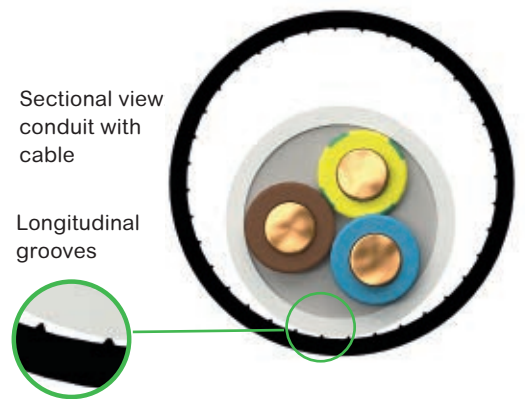
The GT function - Feel the difference, also in the long run

So what is the GT function? All our Mureva GT conduits are equipped with longitudinal grooves which offer much less frictional resistance than conventional conduits. Studies have shown that the cable installation time can be reduced by up to 55% and installation efforts by up to 60%.

Try it out – you can really feel the difference!

Sectional view
conduit with
cable

Longitudinal
grooves



P126901



PVC

Rigid Mureva Tube GT

The PVC conduits are sturdy and robust, yet easy to work with. Unlike many other types of rigid conduits, they bend easily without breaking.

Ø16, 20, 25, 32 mm. Length: 2 or 3 m.

Ø40, 50, 63 mm. Length: 3 m.

B



Halogen-free

Rigid Mureva Tube GT HF

These halogen-free, fire retardant conduits provide for safe and fast installations in various environments.

Ø16, 20, 25, 32, 40, 50 mm. Length: 3 m.



Even small amounts of halogen substances contaminate nature and are a hazard for the environment. For your safety the whole Mureva range is halogen-free. In case of fire, no hazardous fumes will evaporate, risking health of living beings. Halogen-free is a quality mark for you as an installer.



Very heavy-duty Mureva Tube GT HF

Halogen-free conduits for the toughest environments, such as road tunnels, heavy industries and undergrounds. Can be delivered in specific colours on request for easy and distinct colour coding.

Ø16, 20, 25, 32, 40, 50 mm. Length: 3 m.

PVC Conduit

At first sight, there's no difference from conventional conduits. All good qualities are there – along with a few more.

In addition to the GT function, our PVC conduits are sturdy, yet easy to bend without breaking.

The Mureva GT PVC conduits are robust and strong, yet smooth to work with. We have invited our customers, provided them with a bending spring and let them try out the capacity of the Mureva GT conduits themselves. The conduits bend easily and won't break.

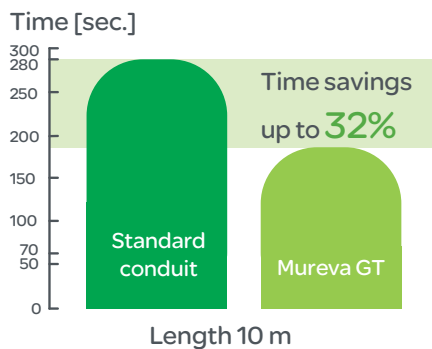
But the most important feature of the Mureva GT is of course the GT function. This new design is applied to all our Mureva GT conduits.

The Mureva GT PVC conduits are suitable for concrete walls in various types of environments. With a wide range of accessories, the whole installation will be great-looking and easy to maintain.



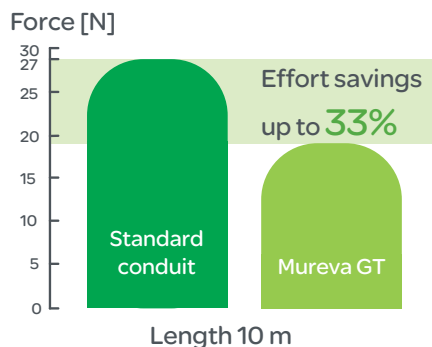
Less time

When using the Mureva GT conduits with the GT function, your electrical installations are performed up to 32% faster!



Less effort

Besides being versatile, reliable and resistant, the Mureva GT conduits are equipped with the GT function which reduces cable insertion efforts with up to 33%.



Use the Mureva Junction boxes as a safe connection point for conduits. All the five different boxes have flexible grommets up to 25 mm which ensures an IP55 classified installation.





















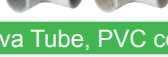





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P126522

P126661

PVC rigid conduits, Mureva Tube

Type	Inner Ø (mm)	Colour	Dimensions Ø/Length (mm)	Qty per package	Ref. No.
Conduits, tuliped end, medium-duty, grey					
Rigid, medium-duty, non-flame propagating conduit with groove technology and one tuliped end. The tuliped end allows jointing to another conduit with the same diameter. Mechanical impact resistance 2 Joule (IK07) and compression resistance 750 N. Temperature range -5°C – +60°C. Base classification 3321 according to IEC 61386. Degree of protection IP40. Material: PVC.					
 P120874	13	Grey RAL 7035	Ø16/3000	75 m	IMT40616
 P120875	16.9	Grey RAL 7035	Ø20/3000	51 m	IMT40620
 P120876	21.4	Grey RAL 7035	Ø25/3000	51 m	IMT40625
 P120877	27.8	Grey RAL 7035	Ø32/3000	30 m	IMT40632
 P120842	35.4	Grey RAL 7035	Ø40/3000	21 m	IMT40640
 P120846	44.3	Grey RAL 7035	Ø50/3000	12 m	IMT40650
 P120847	57.3	Grey RAL 7035	Ø63/3000	9 m	IMT40663
Conduit sleeves, medium-duty					
Medium-duty conduit sleeve. To be used for the jointing of conduits. Mechanical impact resistance 6 Joule and compression resistance 750 N. Temperature range -5°C – +60°C. Base classification 3321 according to IEC 61386. The Ø16–Ø40 sizes ensure an IP41-seal, whereas the Ø50 and Ø63 sizes are IP40. Material: PVC.					
 P120842	—	Grey RAL 7035	Ø19/48	100	ENN41316
 P120846	—	Grey RAL 7035	Ø23/48	100	ENN41320
 P120846	—	Grey RAL 7035	Ø28/52	50	ENN41325
Bends					
 P120847	—	Grey RAL 7035	113/Ø19/113	100	IMT43316
 P120851	—	Grey RAL 7035	130/Ø23/130	50	IMT43320
 P120851	—	Grey RAL 7035	188/Ø28/188	20	IMT43325
T-sections, medium-duty					
Medium-duty, non-flame propagating tee-section consisting of two parts that are snapped together. Can be used for sharp bends. Mechanical impact resistance 2 Joule (IK07) and compression resistance 750 N. Temperature range -5°C – +60°C. Base classification 3321 according to IEC 61386. Degree of protection IP40. Material: PVC.					
 P120856	—	Grey RAL 7035	56/Ø20/39	50	ENN44316
 P120858	—	Grey RAL 7035	70/Ø25/48	50	ENN44320
 P120857	—	Grey RAL 7035	86/Ø31/59	25	ENN44325
 P120859	—	Grey RAL 7035	86/Ø31/59	25	ENN44325
Elbows, medium-duty					
Medium-duty, non-flame propagating elbow consisting of two parts that are snapped together. Can be used for sharp bends. Mechanical impact resistance 2 Joule (IK07) and compression resistance 750 N. Temperature range -5°C – +60°C. Base classification 3321 according to IEC 61386. Degree of protection IP40. Material: PVC.					
 P120852	—	Grey RAL 7035	39/Ø21/39	50	ENN42316
 P120854	—	Grey RAL 7035	47/Ø23/47	50	ENN42320
 P120853	—	Grey RAL 7035	59/Ø31/59	25	ENN42325
 P120855	—	Grey RAL 7035	59/Ø31/59	25	ENN42325
Mureva Tube, PVC conduit accessories					
Bending springs					
Bending spring for conduits with a diameter of Ø16, Ø20 or Ø25 mm. To be used when bending the conduit to a desired shape. The product is intended for conduits with groove technology. Material: Steel.					
 P120860	—	—	Ø10/800	1	IMT46016
 P120860	—	—	Ø20/800	1	IMT46020
 P120860	—	—	Ø25/800	1	IMT46025



Halogen-free, rigid

In premises where a lot of people move about or that contain valuable material assets, a fire can be devastating. Theatres, libraries and museums with invaluable treasures are subject to strict rules regarding fire safety. In such environments halogen-free electrical installations is a must.

If there's a fire, electrical installations with non-toxic halogen-free materials will considerably increase the chance of survival. That goes for both people and sensitive electrical equipment. And the outcome is crucial for the survival of a company itself.



Order any colour
The standard colour of the Mureva Tube GT HF is black, but it can be delivered in any colour on request.

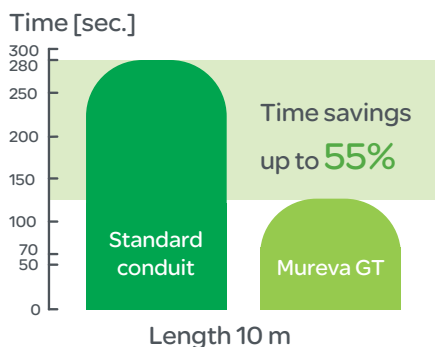


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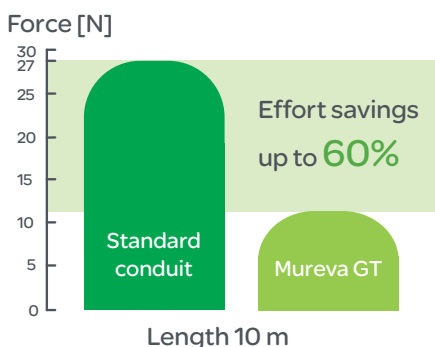
Less time

By using the Mureva Tube GT with the GT function, you can save up to 55% in cable insertion time.



Less effort

With the Mureva Tube GT conduits, the electrical installations become more effortless than ever.



Halogen-free installations – a wise choice

Today, many large construction companies all over Europe provide halogen-free installations as a standard for a variety of new building projects.



Halogen-free rigid conduits, Mureva Tube

Type	Inner Ø (mm)	Colour	Dimensions Ø/length (mm)	Qty per package	Ref. No.
Conduits, plain ends, very heavy-duty					
Rigid, very heavy-duty, halogen-free and non-flame propagating conduit with groove technology and plain ends. Mechanical impact resistance 20.4 Joule (IK10) and compression resistance 1250 N. Temperature range -45°C – +120°C. Base classification 4554 according to IEC 61386. Material: PC.					
P125483 P125462	Ø16 mm	11.8	Black RAL 9005 Ø16/3000	75 m	IMT35200
	Ø20 mm	15.8	Black RAL 9005 Ø20/3000	51 m	IMT35201
	Ø25 mm	20.2	Black RAL 9005 Ø25/3000	51 m	IMT35202
	Ø32 mm	25.9	Black RAL 9005 Ø32/3000	30 m	IMT35203
	Ø40 mm	34.6	Black RAL 9005 Ø40/3000	21 m	IMT35204
	Ø50 mm	43.3	Black RAL 9005 Ø50/3000	12 m	IMT35205


Mureva Tube, halogen-free accessories

Conduit sleeves, very heavy-duty					
Very heavy-duty, halogen-free and non-flame propagating conduit sleeve, to be used for the jointing of conduits. Fire resistance acc to standard C STB M1. Mechanical impact resistance 20.4 Joule (IK10) and compression resistance 1250 N. Temperature range -45°C – +120°C. Base classification 4554 according to IEC 61386. The sleeve ensures an IP41-seal. Material: PC.					
P125437 P125436	Ø16 mm	—	Black RAL 9005 Ø20/51	50	IMT35212
	Ø20 mm	—	Black RAL 9005 Ø24/54	50	IMT35213
	Ø25 mm	—	Black RAL 9005 Ø29/57	50	IMT35214
	Ø32 mm	—	Black RAL 9005 Ø37/61	50	IMT35215
	Ø40 mm	—	Black RAL 9005 Ø45/71	25	IMT35216
	Ø50 mm	—	Black RAL 9005 Ø55/86	25	IMT35217

Bends, very heavy-duty					
Very heavy-duty, halogen-free and non-flame propagating bend. Fire resistance acc to standard C STB M1. Mechanical impact resistance 20.4 Joule (IK10) and compression resistance 1250 N. Temperature range -45°C – +120°C. Base classification 4554 according to IEC 61386. The bend ensures an IP40-seal. Material: PC.					
P125435 P125434	Ø16 mm	—	Black RAL 9005 100/Ø20/100	50	IMT35206
	Ø20 mm	—	Black RAL 9005 115/Ø24/115	50	IMT35207
	Ø25 mm	—	Black RAL 9005 135/Ø29/135	50	IMT35208
	Ø32 mm	—	Black RAL 9005 225/Ø37/225	50	IMT35209
	Ø40 mm	—	Black RAL 9005 285/Ø45/285	15	IMT35210
	Ø50 mm	—	Black RAL 9005 335/Ø55/335	8	IMT35211


T-sections, very heavy-duty					
Very heavy-duty, halogen-free and non-flame propagating tee-section. The tee-section consists of two parts that are snapped together. Fire resistance acc to standard C STB M1. Mechanical impact resistance 2 Joule (IK07) and compression resistance 750 N. Temperature range -25°C – +120°C. Base classification 3344 according to IEC 61386. The tee-section ensures an IP40-seal. Material: PC/ABS.					
P125439 P125438	Ø16 mm	—	Black RAL 9005 56/Ø20/39	50	IMT35224
	Ø20 mm	—	Black RAL 9005 70/Ø25/48	50	IMT35225
	Ø25 mm	—	Black RAL 9005 86/Ø31/59	50	IMT35226

Halogen-free rigid conduits, Mureva Tube


Type	Inner Ø (mm)	Colour	Dimensions Ø/length (mm)	Qty per package	Ref. No.	
Rigid conduits, tuliped end, medium-duty						
Rigid medium-duty conduit with groove technology and one tuliped end. The tuliped end allows jointing to another conduit with the same diameter. The material of the conduit is halogen-free and has low smoke and fumes (LSF) qualities. Mechanical impact resistance 1 Joule and compression resistance 750 N. Temperature range -25°C – +105°C. Base classification 3243 according to IEC 61386. Degree of protection IP30. Material: PP.						
	Ø16 mm	11	Black RAL 9005	16/3000	111 m	IMT49013
	Ø20 mm	15	Black RAL 9005	20/3000	111 m	IMT49014
	Ø25 mm	20	Black RAL 9005	25/3000	57 m	IMT49015
	Ø32 mm	27	Black RAL 9005	32/3000	57 m	IMT49016
	Ø40 mm	34	Black RAL 9005	40/3000	21 m	IMT49017
	Ø50 mm	44	Black RAL 9005	50/3000	21 m	IMT49018

Mureva Tube, halogen-free sleeves and bends

B

Bends, medium-duty						
Medium-duty bend of halogen-free material. Mechanical impact resistance 1 Joule and compression resistance 750 N. Temperature range -25°C – +90°C. Base classification 3243 according to IEC 61386. Degree of protection IP30. Material: PC/ABS.						
	Ø16 mm	11	Black RAL 9005	18/80/80	25	IMT49019
	Ø20 mm	15	Black RAL 9005	22/110/110	25	IMT49020
	Ø25 mm	20	Black RAL 9005	27/142/142	20	IMT49021
	Ø32 mm	27	Black RAL 9005	35/175/175	50	IMT49022
	Ø40 mm	34	Black RAL 9005	43/235/235	35	IMT49023
	Ø50 mm	44	Black RAL 9005	53/290/290	20	IMT49024

Mureva Tube, halogen-free sleeves and bends

Type	Colour	Dimensions Ø/length (mm)	Qty per package	Ref. No.	
Conduit sleeves, medium-duty					
Medium-duty conduit sleeve of halogen-free material. To be used for the jointing of conduits. Mechanical impact resistance 1 Joule and compression resistance 750 N. Temperature range -25°C – +90°C. Base classification 3243 according to IEC 61386. Degree of protection IP30. Material: PC/ABS.					
	Ø16 mm	Black RAL 9005	52/20/20	100	IMT49025
	Ø20 mm	Black RAL 9005	53/24/24	100	IMT49026
	Ø25 mm	Black RAL 9005	57/29/29	50	IMT49027
	Ø32 mm	Black RAL 9005	62/37/37	25	IMT49028
	Ø40 mm	Black RAL 9005	72/45/45	25	IMT49029
	Ø50 mm	Black RAL 9005	86/55/55	15	IMT49030

Mureva Tube, PVC conduit accessories

P150378



Type	Colour	Dimensions (mm)	Qty per package	Ref. No.
Installation cable ties PA12				
Flatheaded installation ties of 9 mm width. The ties are available in 4 versions of tightening diameter, from 8-22 to 55-92 mm, and 3 versions of packaging, per 100, per 1000 and per 1000 with an included tightening tool (ref. NSYMARK3). Material: PA12				
Ø 8 - 22	Black	132	100	ENN47922
Ø 10 - 42	Black	194	100	ENN47942
Ø 26 - 62	Black	273	100	ENN47962
Ø 55 - 92	Black	370	100	ENN47992
Fixing accessories				
Bases intended for the fixing of 9 mm width installation ties. They are resistant to UV and therefore recommended both for outside and inside use. Minimum resistance: 20 daN. Thread of ref. ENN47995: Ø 7 x 150 mm. Distance from the fixing support ref. ENN47998: 15 mm.				
Classic base	Black		100	ENN47994
Universal base	Black		100	ENN47995
Base with included plug	Black		100	ENN47996
Base with included plug	Black		100	ENN47998

Conduit accessories Mureva Fix

P120861, P120861



Type	Colour	Dimensions (mm)	Qty per package	Ref. No.
Instaclips				
Instaclip conduit clip for conduits with various diameters, see below. The instaclip can be fixed with a Murafix plug or with a screw. The clip is provided with a band that is snapped around the conduit to hold it in place and fitted into a slot on the clip. To be used both indoors and outdoors. Material: PA.				
For Ø16 and 20 mm conduits	Grey RAL 7035	16/16/76	100	ENN45020
For Ø25 mm conduits	Grey RAL 7035	14/16/92	100	ENN45025

P120681, P120683, P120682



Type	Colour	Dimensions (mm)	Qty per package	Ref. No.
Instacables				
Instacable conduit clip with an integrated cable tie, for conduits with a diameter of 16-32 mm or 40-63 mm. The instacable clip can be fixed with a Murafix plug or with a screw. All colours to be used both indoors and outdoors, whereas the black clips is specially suited for outdoor use. Material: PA.				
For Ø16-32 mm conduits	Grey RAL 7035	15/13/170	100	ENN47930
	White RAL 9010		100	ENN47939
	Black RAL 9005		100	ENN47935
For Ø40-63 mm conduits	Grey RAL 7035	15/13/300	100	ENN47960
	Black RAL 9005		100	ENN47965

P120684, P120686



Type	Colour	Dimensions (mm)	Qty per package	Ref. No.
Instacables with Murafix plugs				
Instacable conduit clip with an integrated cable tie, for conduits with a diameter of 16-32 mm or 40-63 mm. The instacable clip can be fixed with the included Murafix plug or with a screw. To be used both indoors and outdoors. Material: PA.				
For Ø16-32 mm conduits, incl. Murafix plugs	Grey RAL 7035	15/13/170	100	ENN47933
For Ø40-63 mm conduits, incl. Murafix plugs	Grey RAL 7035	15/15/300	100	ENN47963

P120687



Type	Colour	Dimensions (mm)	Qty per package	Ref. No.
Conduit clips				
Ø16 mm	Grey RAL 7035	27/12/22	100	ENN45116
Ø20 mm	Grey RAL 7035	29/12/26	50	ENN45120
Ø25 mm	Grey RAL 7035	36/12/30	50	ENN45125

P120680, P120682



P120680, P120683



P120681, P120684





Our building site equipment offer includes products for services, inspection, building site, ... to facilitate electrical installations, renovation, ... and make work life easier, effective and more comfortable.

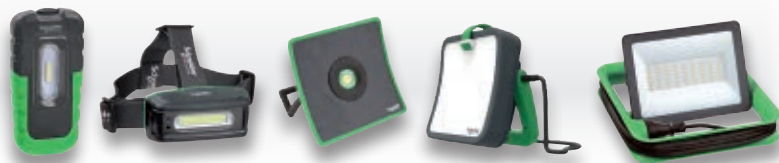
Customer needs

- Work in safe environment
- Bring flexibility in daily life/work
- Make installations and renovations easy
- Deliver high quality installations
- Adapt to different needs (from small to big projects)



Our building site equipment offer

Today, the offer includes LED Worklights, cable reels, test meters, tapes, sealants and adhesives.



Our LED Worklights

have been designed to offer more features and to cover a maximum number of applications thanks to its different sizes: in small or big areas, indoor or outdoor, in any kind of weather, close up or at distance, from mini hand light to powerfull 50 W LED Worklight.



Our LED Floodlights

these Floodlights are designed to be installed in residential, tertiary or industrial environments as well. From 20 to 100 W they are very efficient with a 100 lumens per Watt. You can choose a warm 4000 K or a 6500 K color temperature. At your disposal: an amazing 150, 200 and 300 W (30,000 lumens) dedicated to industrial or tertiary uses. Floodlights with an infrared sensor simplify the use in the dark.



Thorsman Cable reels

range has been designed to offer robust products easier to use, carry and transport thanks to smart features such as ergonomic winding handle, ergonomic carrying handle, fixed drum, ...

Technical specification:

- From 15 to 40 m
- IP20 or IP44
- H05 or H07 cable
- Pin earth, Schuko, BS plugs/sockets



Thorsman Electrical test meters offer includes:

- Digital multimeter
- Compact digital multimeter
- Analog multimeter
- 4 in 1 Digital detector
- 3 in 1 LED detector
- Multifunction cable tracer
- IR thermometer
- Moisture meter
- Voltage tester pen
- BS socket tester



Thorsman Electric tapes

offer a wide range in different sizes and colours. Suitable for electrical insulation, binding, colour coding and general work. Manufactured from flame retardant self-extinguishing.



Thorsman Sealants and adhesives

comprise high spec sealants, adhesive caulk, expanding foams, filler, hand wipe, super glue and dispensing guns.

This comprehensive product range has been developed with safety and professionalism in mind.



P1503096-ajpoucl_2482-eps

LED Worklamps

Description

The Thorsman LED Worklamp range has been designed to offer more features and to cover a maximum number of applications thanks to its 6 different models. All products in the range are equipped with the latest Led technology to offer better energy efficiency, higher light quality and a longer lifetime.

Application

Due to its high IP and IK, it's suitable to any workplace, under any kind of weather condition, Suitable for professional craftsmen. Temperature resistant but "cold light", Thorsman LED lights could be used in any place at any moment.

+ Benefits

- Easy to transport, position and mount
- Multi-functional
- Can be used in harsh conditions : designed and approved for heavy use, in and outdoor
- Can be placed, mounted or hung
- Shock-absorbent rubber coating
- Resistant to oil and acid
- Does not get hot
- Efficient LED technology : ultra long life time
- Patented suspension strap (on Thorsman 30, 50 LED and 17R LED)
- Socket(s) on the back (Thorsman 30 and 50)
- Rechargeable Thorsman 17R LED

Accessories

Description

Thorsman Worklamp Tripod has been designed to bring even more flexibility and better light distribution to all projects/applications. To fix 2 Worklamps, a bracket is available to improve the total light power.

Thorsman Tripod is suitable for Thorsman 18 LED, 30 LED, 50 LED and 17R LED.


Range


Thorsman 18 LED	Type	Plug	Power	Lumen	Cable	IP	Weight	Ref. No.
	Thorsman 18 LED - Contour plug	Schuko/Contour	18 W	1500 lm	2 m H05RN-F 2X1.0	IP54	1 kg	IMT33094
	Thorsman 18 LED - Contour plug Nordics	Schuko/Contour	18 W	1500 lm	2 m H05RN-F 2X1.0	IP54	1 kg	IMT33095
	Thorsman 18 LED - CH plug	CH	18 W	1500 lm	2 m H05RN-F 2X1.0	IP54	1 kg	IMT33096
	Thorsman 18 LED - UK plug 240V	UK 240 V	18 W	1500 lm	2 m H05RN-F 2X1.0	IP54	1 kg	IMT33097
	Thorsman 18 LED - UK plug 110V	UK 110 V	18 W	1500 lm	2 m H05RN-F 2X1.0	IP54	1 kg	IMT33098
	Thorsman 30 LED - Schuko FR	Schuko FR	30 W	2850 lm	2 m H07RN-F 3X1.5	IP54	1.7 kg	IMT33099
	Thorsman 30 LED - Schuko DE	Schuko DE	30 W	2850 lm	2 m H07RN-F 3X1.5	IP54	1.7 kg	IMT33100
	Thorsman 30 LED - Schuko Nordics	Schuko Nordics	30 W	2850 lm	2 m H07RN-F 3X1.5	IP54	1.7 kg	IMT33101
	Thorsman 30 LED - CH plug	CH	30 W	2850 lm	2 m H07RN-F 3X1.5	IP54	1.7 kg	IMT33102
	Thorsman 30 LED - DK plug	DK	30 W	2850 lm	2 m H07RN-F 3X1.5	IP54	1.7 kg	IMT33103
	Thorsman 30 LED - UK plug 240 V	UK 240 V	30 W	2850 lm	2 m H07RN-F 3X1.5	IP54	1.7 kg	IMT33104
	Thorsman 30 LED - UK plug 110 V	UK 110 V	30 W	2850 lm	2 m H07RN-F 3X1.5	IP44	1.8 kg	IMT33105


P150992, P150991

P150998, P150999



Range

Thorsman 50 LED		Type	Plug	Power	Lumen	Cable	IP	Weight	Ref. No.
 P151006, P151005	Thorsman 50 LED - Schuko FR	Thorsman 50 LED - Schuko FR	Schuko FR	50 W	4000 lm	3 m H07RN-F 3X1.5	IP54	2.4 kg	IMT33106
	Thorsman 50 LED - Schuko DE	Thorsman 50 LED - Schuko DE	Schuko DE	50 W	4000 lm	3 m H07RN-F 3X1.5	IP54	2.4 kg	IMT33107
	Thorsman 50 LED - Schuko Nordics	Thorsman 50 LED - Schuko Nordics	Schuko Nordics	50 W	4000 lm	3 m H07RN-F 3X1.5	IP54	2.4 kg	IMT33108
	Thorsman 50 LED - CH plug	Thorsman 50 LED - CH plug	CH	50 W	4000 lm	3 m H07RN-F 3X1.5	IP54	2.4 kg	IMT33109
	Thorsman 50 LED - DK plug	Thorsman 50 LED - DK plug	DK	50 W	4000 lm	3 m H07RN-F 3X1.5	IP54	2.4 kg	IMT33110
	Thorsman 50 LED - UK plug 240 V	Thorsman 50 LED - UK plug 240 V	UK 240 V	50 W	4000 lm	3 m H07RN-F 3X1.5	IP54	2.4 kg	IMT33111
	Thorsman 50 LED - UK plug 110 V	Thorsman 50 LED - UK plug 110 V	UK 110 V	50 W	4000 lm	3 m H07RN-F 3X1.5	IP44	2.5 kg	IMT33112

Thorsman 25 LED		Type	Plug	Power	Lumen	Cable	IP	Weight	Ref. No.
 P150798	Thorsman 25 LED	Thorsman 25 LED	DK	25 W	2500 lm	5 m H05RN-F 3X1.0	IP67	1.9 kg	IMT33088
	Thorsman 25 LED	Thorsman 25 LED	Schuko/Contour	25 W	2500 lm	5 m H05RN-F 3X1.0	IP67	1.9 kg	IMT33089

Rechargeable		Type	Plug	Power	Lumen	Cable	IP	Weight	Ref. No.
 P147846	Thorsman 17R LED	Thorsman 17R LED	Euro Plug	17 W	1500 lm or 750 lm	-	IP54/IK07	1.86 kg	IMT33133

Accessories

		Type	Ref. No.
 P151013  P141450	Thorsman Tripod		IMT33114
	Thorsman Bracket - 2 Worklamps		IMT33115



P148971-25.eps

LED Worklights

Description

The LED Thorsman Worklight range was designed to offer simple and cost effective solution suitable to any work place or temporary light solution needed. All products in the range equipped with the latest LED technology to offer better energy efficiency, higher light quality and longer lifetime. Thorsman Worklight range comes in different plug standards.

Application

Due to its high IP rating, the Thorsman light range is suitable to be installed in all types of weather conditions, indoor or outdoor. Suitable for all kind of professionals or private uses such as camping, outdoor party and more. Thorsman Worklights could be used in any place at any moment.

Thorsman WL, technical data

- Beam angle: 110°
- Color Rendering Index (CRI): 80
- Lifetime: 50,000 hours
- Operation temperature: -30°C to +45°C.

+ Benefits

- Ergonomic design: easy to transport and carry.
- Multi functional and flexible: can be used on the ground or hanged
- Compact and easy to store
- Cable management: to prevent from the cable to be damaged when it store
- Can be used in tough weather conditions, in and outdoor
- Efficient LED technology: 100 lm/W
- High performance of LED chip: life time 50,000 h
- Does not get hot


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Certificates



Range

Thorsman WL, 230 V	Type	Color temperature	Plug	Power	Lumen	Cable	IP	Weight	Ref. No.
	Thorsman WL 20 W	4000 K	Contour	20 W	2,000 lm	3 m H05RN-F 3G1.0	IP65	850 g	IMT47225
	Thorsman WL 20 W	4000 K	Danish	20 W	2,000 lm	3 m H05RN-F 3G1.0	IP65	850 g	IMT47227
	Thorsman WL 30 W	4000 K	Contour	30 W	3,000 lm	3 m H05RN-F 3G1.0	IP65	980 g	IMT47226
	Thorsman WL 30 W	4000 K	Danish	30 W	3,000 lm	3 m H05RN-F 3G1.0	IP65	980 g	IMT47228

P148443-20.eps

Thorsman WL, 120 V

	Thorsman WL 30 W	4000 K	Canadian	30 W	3 000 lm	3 m H05RN-F 3G1.0	IP65	920 g	IMT47233
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P148443-20.eps



P148472-30.eps

Hand light. Resistant, powerful and so handy



P148476-35.eps

Head light. Work with 2 hands



P148470-25.eps

USB recharge



P148476-20.eps

Clip, always at your belt or pocket



P148475-11.eps

Powerful



P148484-20.eps

Adjustable powerful light



P148448-45.eps

Move your hand in front of the sensor: it turns on and off. No need to touch it



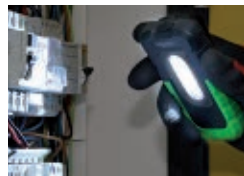
P148469-20.eps

Very strong magnet



P148482-85.eps

Practical hook



P148477-18.eps

Powerful



P148484-20.eps

Adjustable powerful light



P148484-22.eps



+ Benefits

- Multi functional and flexible: can be used in different applications
- Adjustable: can use the light in different angles
- Compact and easy to store
- Can be used in tough weather conditions, in and outdoor (IMT47239)
- Motion detector for power saving (IMT47239)
- Flexible strap with comfort head grab: suitable to be use on helmets as well
- Strong magnet to be well attached in any metal surface (IMT47238)
- Efficient LED technology
- Long operation time (up to 8 hours)
- Does not get hot.

Thorsman rechargeable technical data

- Lithium battery 3.7 V:
 - IMT47238: 1500 mAh
 - IMT47239: 1600 mAh
- Operation temperature: -10°C to +40°C.
- Charging time:
 - IMT47238: 3 h
 - IMT47239: 4 h
- Operation time:
 - IMT47238: 8 h/4 h
 - IMT47239: 5 h/3 h.



Range									
Thorsman rechargeable	Type	Color temperature	Plug	Power	Lumen	Cable	IP	Weight	Ref. No.
 P148447-20.eps	Thorsman Mini Hand Light	6000-7000 K	USB	3 W	280 lm	1 m USB cable	IP20	175 g	IMT47238
 P148446-16.eps	Thorsman Head Light With motion detector	6000-7000 K	USB	3 W	250 lm	1 m USB cable	IP54	155 g	IMT47239



THPS269-105.eps

LED Floodlights

Description

The LED Floodlight range has been designed to offer more features and to cover a maximum number of applications thanks to its different sizes and its wide range of power.

All products in the range are equipped with the latest Led technology to offer better energy efficiency, higher light quality and a longer lifetime.

Mureva Light are not provided with any plug.

Application

Due to its high IP rating, the Mureva Light range is suitable to be installed in all types of weather conditions, indoor or outdoor.

Mureva Light range provides a superior quality of light and reliability. These LEDs are optimized for the most cost sensitive applications, helping to ensure highly competitive system lumen per dollar (W) performance while addressing the stringent efficacy and reliability standards required for modern lighting applications, well suited for both commercial and residential lighting applications.

+ Benefits

- Easy Installation and mounting thanks to the bracket position
- Can be used in tough weather conditions, in and outdoor
- Can be hang and mount in all types of walls, or to be use on a Tripod
- Efficient LED technology: 100 lm/W
- High performance of LED chip: life time 50,000 h
- Does not get hot

Technical data






- Beam angle: 110°
- Color Rendering Index (CRI): 80
- Lifetime: 50,000 hours
- Operation temperature: -30°C to +45°C.



Certificates



Range

Mureva FL, 230 V	Type	Color temperature	Plug	Power	Lumen	Cable	IP	Weight	Ref. No.
 P148435-15.eps	Mureva FL 20 W	4000 K	-	20 W	2,000 lm	0.5 m H05RN-F 3G1.0	IP65	530 g	IMT47208
	Mureva FL 20 W	6500 K	-	20 W	2,000 lm	0.5 m H05RN-F 3G1.0	IP65	530 g	IMT47209
	Mureva FL 30 W	4000 K	-	30 W	3,000 lm	0.5 m H05RN-F 3G1.0	IP65	780 g	IMT47210
	Mureva FL 30 W	6500 K	-	30 W	3,000 lm	0.5 m H05RN-F 3G1.0	IP65	780 g	IMT47211
	Mureva FL 50 W	4000 K	-	50 W	5,000 lm	0.5 m H05RN-F 3G1.0	IP65	1020 g	IMT47212
	Mureva FL 50 W	6500 K	-	50 W	5,000 lm	0.5 m H05RN-F 3G1.0	IP65	1020 g	IMT47213
	Mureva FL 100 W	4000 K	-	100 W	10,000 lm	0.5 m H05RN-F 3G1.0	IP65	1950 g	IMT47214
	Mureva FL 100 W	6500 K	-	100 W	10,000 lm	0.5 m H05RN-F 3G1.0	IP65	1950 g	IMT47215
 P148435-25.eps	Mureva FL 150 W	6500 K	-	150 W	15,000 lm	0.5 m H05RN-F 3G1.0	IP65	4050 g	IMT47222
	Mureva FL 200 W	6500 K	-	200 W	20,000 lm	0.5 m H05RN-F 3G1.0	IP65	4900 g	IMT47223
	Mureva FL 300 W	6500 K	-	300 W	30,000 lm	0.5 m H05RN-F 3G1.0	IP65	7640 g	IMT47224
Mureva FL, 120 V									
 P148437-14.eps	Mureva FL 30 W	4000 K	-	30 W	3,000 lm	0.5 m H05RN-F 3G1.0	IP65	780 g	IMT47234
	Mureva FL 50 W	4000 K	-	50 W	5,000 lm	0.5 m H05RN-F 3G1.0	IP65	1020 g	IMT47235
	Mureva FL 100 W	4000 K	-	100 W	10,000 lm	0.5 m H05RN-F 3G1.0	IP65	1950 g	IMT47236
Mureva FL, IR Sensor 230 V									
 P148440-21.eps	Mureva FL 20 W	4000 K	-	20 W	2,000 lm	0.5 m H05RN-F 3G1.0	IP44	570 g	IMT47216
	Mureva FL 20 W	6500 K	-	20 W	2,000 lm	0.5 m H05RN-F 3G1.0	IP44	570 g	IMT47217
	Mureva FL 30 W	4000 K	-	30 W	3,000 lm	0.5 m H05RN-F 3G1.0	IP44	820 g	IMT47218
	Mureva FL 30 W	6500 K	-	30 W	3,000 lm	0.5 m H05RN-F 3G1.0	IP44	820 g	IMT47219
	Mureva FL 50 W	4000 K	-	50 W	5,000 lm	0.5 m H05RN-F 3G1.0	IP44	1060 g	IMT47220
	Mureva FL 50 W	6500 K	-	50 W	5,000 lm	0.5 m H05RN-F 3G1.0	IP44	1060 g	IMT47221
Mureva FL, IR Sensor 120 V									
 P148441-21.eps	Mureva FL 50 W	4000 K	-	50 W	5,000 lm	0.5 m H05RN-F 3G1.0	IP44	1060 g	IMT47237



Thorsman cable reels

Description

- Wide range of cable reels applicable with various applications for indoor and outdoor uses
- The range designed along innovative ergonomic lines with versatile features that offer superior comfort and smart functionality such as LED indicator, ergonomic handles for easy carrying and winding, safety thermal cut-out and fixed drum (for part of the models).

Application

- Thorsman cable reels could be used in any place, at any moment by any one. It's a reliable solution for all your at-home or on site needs
- Schneider Electric cable reels are the perfect choice for professional and DIY users.

+ Benefits

- Ergonomic design for easy carrying and winding
- Fixed drum to prevent the tangling of wires
- Led indicator to quickly and easily indicate and inform the user if the power is switched on
- Plug holder to prevent the cable from unwinding or snagging by keeping the plug fixed to the reel
- High performance cable HO7 RNF
- NF EN 61242

Thorsman cable reels

	Model/Type	Cable specification	Cable length (m)	IP	IK	Socket/Plug type	Ref. No.
Compact-30	Compact	HO5 VVF 3G1.0	15	20	-	Schuko	IMT33135
		HO5 VVF 3G1.5	15	20	-	Schuko	IMT33137
		HO5 VVF 3G1.5	15	44	-	Schuko	IMT33136
		HO5 VVF 3G1.0	15	20	-	DK	IMT33138
		HO5VVF 3G1.5	15	20	-	Contour	IMT33139
Classic-37	Classic	HO5 VVF 3G1.5	20	20	-	Schuko	IMT33140
		HO5VVF 2x1.0	25	20	-	DK	IMT33141
		HO5VVF 3G1.5	20	20	-	Contour	IMT33142
		HO5 VVF 3G1.25	25	20	-	BS 230V	IMT33143
		HO5 VVF 3G1.5	25	44	-	BS 110V	IMT33144
		HO5VVF3G1,5	25	44	-	Contour	IMT33145
		HO5 VVF 3G1.5	25	20	-	BS 230 V-RCD	IMT33146
Extended-35	Extended	HO5 VVF 3G1.5	25	44	-	Schuko	IMT33151
		HO5 VVF 2G1.0	40	20	-	DK	IMT33152
		HO7 RNF 3G2,5	25	44	-	Contour	IMT33153
		HO5 VVF 3G1.5	25	44	-	Contour	IMT33154
Advanced-34	Advanced	HO5 VVF 2G1.0	40	20	08	DK	IMT33160
		HO5 VVF 3G1.5	40	44	08	Contour	IMT33156
		HO5 VVF 3G1.25	50	20	08	BS 230 V	IMT33157
		HO7 RNF 3G2,5	25	44	08	Contour	IMT33150
Professional-34	Professional	HO7 RNF 3G1.5	25	44	08	Schuko	IMT33147
		HO7 RNF 3G2.5	25	44	08	Schuko	IMT33148
		HO7 RNF 3G1.5	25	44	08	DK	IMT33149
		HO7 RNF 3G1.5	40	44	08	Schuko	IMT33158
		HO7 RNF 3G1.5	40	44	08	Contour	IMT33161
		HO7 RNF 3G1.5	40	44	08	DK	IMT33155



Introducing the Thorsman Test Meters

A complete suite of test meters that offer quality, ergonomic and robust products: safe and easy to operate measuring and testing tools, supplying clear and accurate readings of current, resistance, temperature, moisture, etc. covering all the needs from @Home to @Site.



Ergonomic

Easy to use and read with digital, sound or light displays. Easy to carry thanks to compact design. Hands free options.



Safety

Sound or light warnings where applicable, comply to IEC 61010, Cat III or Cat IV overload protection accordingly.



Robust

Made to resist tough environment - robust plastic cases and rubber holsters.



Availability

Products stocked in stores at Distributors/DIY point of sales. No need to order.



Durable

Long lifetime.



Support

Tech Product info, Comm. means, Instructions.



Smart

Easy to use, packaging + marking on product to understand all the features. Full instruction manuals included.



Designed

Brand identity in the design, pattern, colours, shape... Innovative design.



Digital multimeter - category III - 600 V

Description

- Digital multimeter equipped with a backlit screen and a data hold function
- DC voltage range: 0.2/2/20/200/600 V
- AC voltage range: 200/600 V
- DC current: 0.2 mA/2 mA/20 mA/200 mA/10 A
- Resistance: 200 Ω/2 kΩ/20 kΩ/200 kΩ/2 MΩ
- Continuity: yes, under 100 Ω
- Battery test: yes, 1.5 V (AA, AAA and button cell) and 9 V
- Electrical insulation: IEC 61010 Cat III 600 V
- Fused by 250 mA and 10 A fast fuse
- Power: 9 V battery
- Weight: approx. 290 g (with battery).

Application

- A high specification digital multimeter, designed to measure voltage, current and resistance.

+ Benefits

- Low battery indicator
- High precision measure
- Backlight and hold result mode
- Built in stand allows handsfree operations

Range	Type (language of packaging and instructions)	Size mm (HxWxT)	Ref. No.
	Digital multimeter (French, Spanish, German, Portuguese, Polish, English)	150x90x40	IMT23222

P147851



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Digital multimeter - category III - 300 V

Description

- Digital multimeter equipped with a backlit screen and a data hold function
- DC voltage range: 0.2/2/20/200/300 V
- AC voltage range: 0.2/2/20/200/300 V
- DC/AC current: 20 mA/200 mA/10 A
- Resistance: 200 Ω/2 kΩ/20 kΩ/200 kΩ/2 MΩ/20 MΩ
- Continuity: yes, under 100 Ω
- Temperature: 0...1000°C
- Battery test: yes, 1.5 V (AA, AAA and button cell) 9 V and 12 V
- Electrical insulation: IEC 61010 Cat III, 300 V
- Fused by 250 mA and 10 A fast fuse
- Power: 9 V battery
- Weight: approx. 290 g (with battery).

Application

- A highly specified digital multimeter designed to measure voltage, current, resistance, diode, continuity, battery power and temperature.

+ Benefits

- Low battery indicator
- Non-contact AC voltage detection
- Live AC wire detection
- Backlight and hold result mode
- Built in stand allows handsfree operations

Range	Type (language of packaging and instructions)	Size mm (HxWxT)	Ref. No.
	Digital multimeter (English, Danish, Finnish, Norwegian & Swedish)	165x85x39	IMT23102
	Digital multimeter (French, Spanish, German, Portuguese, Polish)	165x85x39	IMT23202

P147842





Multipurpose digital detector

Description

- Detection depth
- Stud mode: wood stud of 30×30 mm at depth of ≤ 14 mm
- Metal mode: iron pipe of Ø 20 mm at depth of ≤ 25 mm
- AC mode: 50 mm for 90...250 V at 50...60 Hz
- Power: 9 V battery (6F22)
- Weight: approx. 213 g (with battery)
- Always calibrate before each use.

Application

- This unit is an advanced detector. It can detect and locate metal, AC voltage and stud. It can be used in construction, fitment, etc.

+ Benefits

LCD and sound signal indicate findings
 2 meter measure tape inside
 Pencil slider, pencil hole
 Whole alarm icon: when detects an edge of object, the icon appears as an indicator
 Spotlight & groove: press when detects an object, the spotlight appears and mark in the groove position
 Mark button: press this button to mark dots on the wall surface

Range			
	Type (language of packaging and instructions)	Size mm (HxWxT)	Ref. No.
P147840	Multipurpose digital detector (English, Danish, Finnish, Norwegian & Swedish)	180x73x32	IMT23104
	Multipurpose digital detector (French, Spanish, Portuguese, Polish, Hungarian)	180x73x32	IMT23204



C



3-in-1 detector

Description

- Detection depth
- Stud mode: wood stud of 30×30 mm at depth of ≤ 18 mm
- Metal mode: iron pipe of Ø 25 mm at depth of ≤ 30 mm
- AC mode: 50 mm for 90...250 V at 50...60 Hz
- Power: 9 V battery (6F22)
- Weight: approx. 165 g (with battery)
- Always calibrate before each use.

Application

This unit is an advanced detector. It can be used in construction, fitment, carpentry, etc.

+ Benefits

Find the stud centre, find wood and metal studs, AC scanning to trace hot wire
 Metal scanning for finding nail, pipe, rebar, and other hidden metallic object
 Signal indication: when detects an edge of object, the top signal LED lights as an indicator
 Spotlight & groove: when detects an object, the spotlight appears and mark in the groove position

Range			
	Type (language of packaging and instructions)	Size mm (HxWxT)	Ref. No.
P147836	3 in 1 detector (English, Danish, Finnish, Norwegian & Swedish)	150x66x32	IMT23105





Multifunction cable tracer

Description

- The transmitter is a compact hand-held instrument used for electricians to detect and track circuits into wall. Very useful when you need to repair an old electrical circuit
- Must be used when electrical circuits are switched off
- Unenergized electrical wires
- Slim ergonomic receiver receptor
- Telephone lines
- Coaxial cables
- Two crocodile clips
- DC automotive wires
- Power: 1.5 V (LR41/SR41) x4 (R)
- Power: 1.5 V (AAA) x2 (T)
- Weight: approx. 220 g (with battery).

Application

- Designed to generate a distinct tone in any unenergized wire or cable. This tone can be picked up with the tracker receiver. An LED acts as a visual indicator to show that the unit is on.

+ Benefits

A multifunction device comprising of a transmitter and remote receiver
Audible Tracking

Range			
	Type (language of packaging and instructions)	Size mm (HxWxT)	Ref. No.
	Multifunction cable tracer (English, Danish, Finnish, Norwegian & Swedish)	183x80x46	IMT23106
	Multifunction cable tracer (French, Spanish, German, Portuguese, Polish, Hungarian)	183x80x46	IMT23206



Infrared thermometer

Description

- Hand-held digital infrared thermometer for surface temperature measurement.
- Backlight LCD
- Laser pointer
- Temperature range: -20...520°C (-4...968°F)
- Power: 9 V battery
- Weight: approx. 150 g (without battery).

Application

- A variety of non-contact thermo measurement application, including:
 - automotive
 - BBQ's
 - radiator electrical installations
 - cable wires.

+ Benefits

Infrared laser measurement
LCD readout display
Complete with hand lanyard and batteries

Range			
	Type (language of packaging and instructions)	Size mm (HxWxT)	Ref. No.
	Infrared thermometer with LCD readout display (English, Danish, Finnish, Norwegian & Swedish)	180x85x50	IMT23107
	Infrared thermometer with LCD readout display (French, Spanish, German, Portuguese, Polish, Hungarian)	180x85x50	IMT23207



Moisture meter

Description

- It can measure moisture level and the ambient temperature. Drive the probes into the wood, wall or material to be measured.
- LED indication.
- Digital LCD display with backlight
- Range of wood: 6...60 %
- Range of building material: 0.2...2.9 %
- Environment temperature: 0...40°C (32...99°F)
- Power: 1.5 V battery, LR44 or equivalent, 4 pieces
- Weight: approx. 41 g (with batteries).

Application

- It can be used to measure the moisture level in sawn timber (also cardboard, paper) and hardened materials (plaster, concrete and mortar). It displays the moisture level in the material straightaway. In addition, it can measure the ambient temperature.

+ Benefits

- Compact size, portable
- Fast operation
- Accuracy
- Easy one-touch operation
- °C/°F unit exchange
- 2 pin steel probe
- Low battery indication
- Automatic power-off feature

Range			
	Type (language of packaging and instructions)	Size mm (HxWxT)	Ref. No.
P147839	Moisture meter (English, Danish, Finnish, Norwegian & Swedish)	85x45x16	IMT23108
	Moisture meter (French, Spanish, Polish, German, Hungarian)	85x45x16	IMT23208



C



Voltage detector pen

Description

- A compact voltage testing device with both audible and visual (bright LED) indication if voltage is present in the circuit
- AC voltage range: 5...1000 V
- Frequency range: 50...400 Hz
- Electrical Insulation: Cat IV, 1000 V
- Illumination function included - can double as a torch
- Adjustable detection sensitivity
- Power: 1.5 V AAA battery, 2 pieces
- Weight: approx. 50 g (with batteries).

Application

- In just a few seconds, a technician can determine if it's safe to work around areas like:
 - transformer cases and circuit breaker housings, power ground wires or newly-driven ground rods, mobile homes, metallic siding or metal framing pedestals, crossboxes or conduit, street light fixtures or electrical machinery.

Range			
	Type (language of packaging and instructions)	Size mm (HxWxT)	Ref. No.
P147837	Voltage tester pen (English, Danish, Finnish, Norwegian & Swedish)	152x32x28	IMT23109
	Voltage tester pen (French, Spanish, German, Portuguese, Polish, Hungarian)	152x32x28	IMT23209



+ Benefits

- Audible and visual confirmation: LED illumination offers peace of mind in a noisy environment
- Ergonomic hand-held design
- Bright torch function
- Low battery indication
- Tactile barrier for safety



Compact multimeter - category III

Description


- Digital multimeter provides excellent reading of the basic electrical measurements
- DC voltage range: 2/20/200/300 V
- AC voltage range: 2/20/200/300 V
- DC current: 200 mA
- Resistance range: 2 kΩ/20 kΩ/200 kΩ/2 MΩ
- Continuity: yes under 50 Ω
- Battery test: none
- Electrical insulation: Cat III, 300 V
- Fused by 250 mA fuse
- Power: 12 V battery included
- Weight: approx. 110 g (with battery).

Application

- A pocket sized digital multimeter to measure voltage, current and resistance.

+ Benefits

- Low battery indicator
- Integral test leads
- Ergonomic design: can be used hands free.

Range	Type (language of packaging and instructions)	Size mm (HxWxT)	Ref. No.
	Compact digital multimeter (English, Danish, Finnish, Norwegian & Swedish)	120x75x18	IMT23112
	Compact digital multimeter (French, Spanish, German, Portuguese, Polish, Hungarian)	120x75x18	IMT23212

C



Analogue multimeter - category III

Description


- Traditional analogue meter using a needle gauge
- DC voltage range: 12/60/120/300 V
- AC voltage range: 12/60/300 V
- DC current: 0.6/12/600 mA
- Resistance: x10 Ω/x1 kΩ
- Decibel: -20...23 dB
- Continuity: yes, under 20 Ω
- Battery test: yes, 1.5 V (AA, AAA and button cell) and 9 V
- Electrical insulation: Cat III, 300 V
- Fused by 500 mA fuse
- Power: 1.5 V AA battery
- Weight: approx. 275 g (without battery).

Application

- A traditional analogue multimeter using a needle gauge to measure Voltage, Current and Resistance. Able to work into high humid zone < 85 %.

+ Benefits

- Quick view
- Safe in high humidity area
- Able to use with hands free

Range	Type (language of packaging and instructions)	Size mm (HxWxT)	Ref. No.
	Analogue multimeter (English, Danish, Finnish, Norwegian & Swedish)	140x75x50	IMT23113
	Analogue multimeter (French, Polish, Hungarian)	140x75x50	IMT23213



Digital clamp meter - category III - 600 V

Description

- A compact 3½ digit autorange digital clamp meter designed to measure DC and AC voltage, AC current, resistance, diode and continuity
- DC voltage range: 0.2/2/20/200/600 V
- AC voltage range: 2/20/200/600 V
- AC current: 2/20/200/600 A
- Resistance: 200 Ω/2 kΩ/20 kΩ/200 kΩ/2 MΩ/20 MΩ
- Continuity: yes, under 30 Ω
- Diode check: approx. 1.5V
- Electrical insulation: IEC 61010 Cat III, 600 V
- Power: 3 V button cells, 2 pieces
- Weight: approx. 160 g (with battery).

Application

- For commercial, industrial and residential troubleshooting. Power panel, junction box and battery bank monitoring, AC/DC motor testing, electrical testing on non-linear loads, etc.

+ Benefits

- Compact and easy to use
- Data hold function
- Audible continuity
- Low battery indicator
- High precision measuring
- Tactile barrier for safety

Range

	Type (language of packaging and instructions)	Size mm (HxWxT)	Ref. No.
	Digital clamp meter (English, Danish, Finnish, Norwegian & Swedish)	190x76x36	IMT23114
	Digital clamp meter (French, Spanish, German, Portuguese, Polish, Hungarian)	190x76x36	IMT23214

P147950



British standard socket tester

Description

- It is equipped with an additional RCD tester for testing the operation of RCD whose rating is not more than 30 mA
- In conjunction with the coding table provided, combined indicators indicate the true status of the wiring condition
- A clear indication of a PE-error will be shown on the LCD if dangerous contact voltage is present at PE (ground)
- Nominal voltage: 220 V \pm 10 %
- Frequency range: 50...60 Hz
- Measurement category: Cat III, 300 V
- RCD-test time: 60...300 ms
- Contact voltage threshold: (< 35 V AC against ground depending on coupling to earth)
- RCD test current: 30 mA \pm 15 %
- Weight: approx. 70 g.

Application

- This socket tester can be used to determine whether socket wiring is correct or incorrect.

+ Benefits

Provides a true ground error indication through the LCD
 Quick recognition of dangerous voltage being present at the protective earth
 Use of three neon indicators provides rapid detection of correct /incorrect wiring
 Provides fast and effective RCD test function

Range

Type (language of packaging and instructions)	Size mm (HxWxT)	Ref. No.
BS socket tester British plug	77x67x66	IMT23103

P147852





Sealants & adhesives

Description

The advanced suite of products comprises high spec sealants, adhesive, caulk, expanding foams, filler, hand wipes, super glue and dispensing guns. This comprehensive product range has been designed with safety in mind.

+ Benefits

Sealants

- A general purpose silicone sealant ideal for most sealing and water proofing jobs, as well as use in areas of high humidity, such as in bathrooms and kitchens
- Can be used both internally and externally

Fillers

- Ideal for filling holes and gaps in difficult to access areas e.g. ceilings and uneven surfaces
- For internal and external use however, not to be used in areas subject to frequent water immersion

Expanding foam

- Rapidly fills holes and irregular gaps to improve draught, heat and sound insulation

Miscellaneous

- A high viscosity adhesive developed for bonding rubber and plastics and a range of materials. For use on porous surfaces
- Multi-purpose trade wipes for cleaning a wide range of chemicals off hands, tools and surfaces
- Extruder gun for use with all cartridge based silicones, sealants and adhesives

Range

Type	Qty per package	Ref. No.
Sealants		
Silicone sealant white 300 ml	12	IMT23024
Silicone sealant clear 300 ml	12	IMT23025
Silicone sealant black 300 ml	12	IMT23026
Fire rated sealant white 300 ml	12	IMT23027
Pro one sealant white 300 ml	12	IMT23036
Pro one sealant clear 300 ml	12	IMT23037
Fillers		
Gap filling adhesive 300 ml	12	IMT23031
One application filler 500 ml	12	IMT23034
Decorators caulk white 300 ml	12	IMT23028
One application filler 500 ml	12	IMT23034
Expanding foam		
Expanding foam 750 ml	12	IMT23029
Fire rated expanding foam 750 ml	12	IMT23030
Miscellaneous		
Super glue 50 g	20	IMT23033
Multi-purpose hand wipes 100	16	IMT23035
Dispensing gun	1	IMT23032





+ Benefits

Tested and approved to the following standards:
 EN60454-3-1/1:1998, EN60454-1:1994, EN60454-2:1995
 REACH Directive 1907/2006/EU compliant
 SVHC's < 0.1% and
 RoHS Directive 2011/65EU

PVC insulation tape

Description

- Available in a range of sizes and colours
- Manufactured from flame retardant self extinguishing PVC to BS EN 60454
- Operating temperature: 0°C to +80°C
- Electrical breakdown: 5000 V.

Application

- Suitable for electrical insulation, binding, colour coding and general work.

Range				
Product code	Description	Colour	Qty per package	Minimum order unit
19 mm x 20 m				
2420100	19 mm x 20 m	Red	8	8
2420101	19 mm x 20 m	Yellow	8	8
2420102	19 mm x 20 m	Blue	8	8
2420103	19 mm x 20 m	Black	8	8
2420104	19 mm x 20 m	White	8	8
2420105	19 mm x 20 m	Yellow/green	8	8
2420106	19 mm x 20 m	Green	8	8
2420107	19 mm x 20 m	Brown	8	8
2420108	19 mm x 20 m	Grey	8	8
19 mm x 33 m				
2420110	19 mm x 33 m	Red	8	8
2420111	19 mm x 33 m	Yellow	8	8
2420112	19 mm x 33 m	Blue	8	8
2420113	19 mm x 33 m	Black	8	8
2420114	19 mm x 33 m	White	8	8
2420115	19 mm x 33 m	Yellow/green	8	8
2420116	19 mm x 33 m	Brown	8	8
2420117	19 mm x 33 m	Green	8	8
2420118	19 mm x 33 m	Grey	8	8
50 mm x 33 m				
2420300	50 mm x 33 m	Red	3	3
2420301	50 mm x 33 m	Yellow	3	3
2420302	50 mm x 33 m	Blue	3	3
2420303	50 mm x 33 m	Black	3	3
2420304	50 mm x 33 m	White	3	3
Mixed bundle				
IMT38215	19 mm x 20 m	Red, black, white	3	1
IMT38216	19 mm x 20 m	Black, green/ yellow, brown	3	1
IMT38217	19 mm x 20 m	Red, black, white, green/yellow, blue	5	1



+ Benefits

Bits

- Bit range adapted to the Thorsman screw range
- Standard 1/4" hexagon drive end
- Phillips cross recess or Torx
- Long bit for access in tight spaces
- Hardened steel for good strength durability and fit

Magnetic sockets

- Standard 1/4" hexagon drive end
- Thin and long magnetic socket for access in tight spaces

Thorsman screw bits

Description bits

The Thorsman range of screw bits is adapted to the screw range with either Phillips cross recess or Torx. All bits are hexagonal with 1/4" drive end. Three lengths are available: 25 mm, 50 mm and 110 mm.

Application

The long bits are well suited for access in tight spaces. Hardened steel provides good strength durability and fit.

Description magnetic sockets

The long holder is extra thin to facilitate access in tight spaces. Hardened steel provides good strength durability and fit.

Application

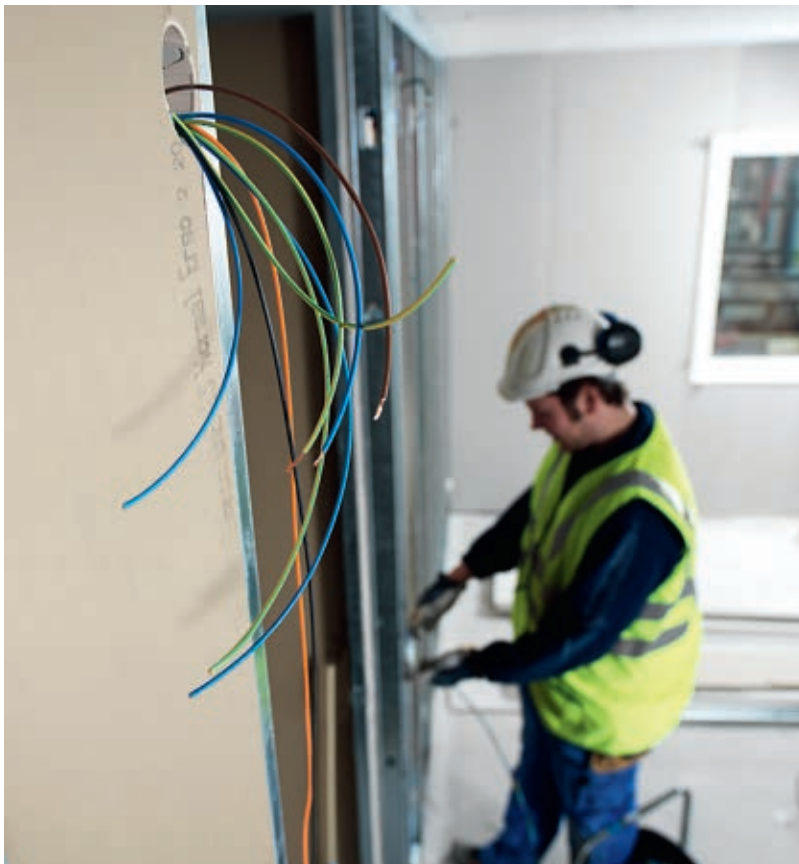
Two 1/4" sockets suit all Thorsman 1/4" hexagon-head collar screws.

Range

Type	Dimensions Hexagon x L (mm)	Qty per package	Ref. No.
Phillips, for use with an extension socket			
1/4" hexagon drive end, length 25 mm. Suitable for Phillips cross recessed screws. To be used together with an extension socket. Material: Hardened steel.			
PH 2x25	1/4"x25	2	1772 054
PH 2x25	1/4"x25	2	1772 052
Phillips, for use with a screw-driver			
1/4" hexagon drive end, lengths 50 and 110 mm respectively. Suitable for Phillips cross recessed screws. To be used together with a screw-driver. Material: Hardened steel.			
PH 2x50	1/4"x50	2	1772 056
PH 2x110	1/4"x110	2	1772 058
Torx, for use with an extension socket			
1/4" hexagon drive end, length 25 mm. Suitable for Torx T10 or T20 screws. To be used together with an extension socket. Material: Hardened steel.			
T20x25	1/4"x25	2	1720 036
For T20 screws			
Torx, for use with a screw-driver			
1/4" hexagon drive end, lengths 50 or 110 mm. Suitable for Torx T10 or T20 screws. To be used together with a screw-driver. Material: Hardened steel.			
T20x50	1/4"x50	2	1720 038
For T20 screws			
T20x110	1/4"x110	2	1720 040
For T20 screws			
1/4" hexagon drive end, lengths 45 and 100 mm respectively. Internal hexagon with magnet. Suitable for collar screws with a 1/4" hexagon head. To be used together with a screw-driver. Material: Hardened steel.			
TST-V 10x45	10x45	1	1772 125
45 mm			
TST-V 9x100	9x100	1	1772 120
100 mm for tight spaces			



Cabling and fixing offers



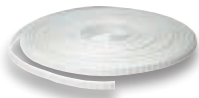
Our cable accessories and fixing range provides a wide offer of cable ties, grommets and glands, clips, screws, bolts etc.

Customer needs

- A fixing solution for each type of installation (based on wall type, load value, ...) and each type of users
- Cover a maximum of application
- Flexibility, reliability and performance



Installation bands



TUB

Plastic covered, UV stabilised.
Easy to cut and shape In/outdoor use.
Corrosion resistant.



TGB

Galvanized.
Easy to cut and shape In/outdoor use.
Corrosion resistant.

Cable ties



Thorsman cable ties

Suitable for wide applications.
Made from nylon 6.6.
Compliant to EN 62275.



Accessories

Self-adhesive base for fixing of cable ties.
Additional screw-fix option.
Cradle fixed with screw or rivet.

Cable grommets



TET

Suitable for holes with metric thread and various diameters.
Material: EPDM rubber.



PVC

Designed to prevent cable chafing through trunking and electrical boxes.
Available in standard and quick fit designs.



Mureva

Flexible grommets.
Suitable for unthreaded holes.

Others cabling and fixing offers

This offer gives a wide choice of solutions to fix installations in all types of material.



Plugs:

- Wall plugs
- High performance plugs
- Nail plugs
- Clip plugs
- Universal plugs



Clips and clamps:

- Nail clips
- Screw clips
- Metal clamps
- Plastic clamps
- Cable wings



Cavity fixings:

- Metal
- Plastic



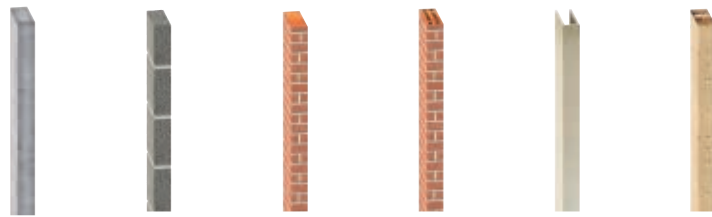
Screws:

- Concrete screws
- Universal screws
- Self tapping screws
- Installation screws



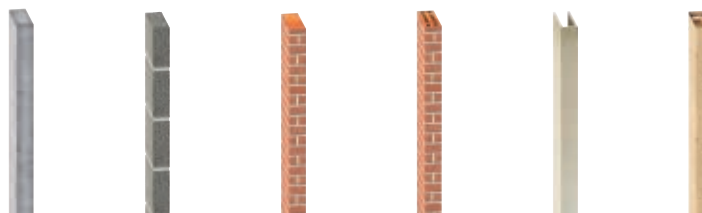
Bolts and anchors:

- Brass
- Steel



Application	Product	Concrete	Low density concrete or hollow blocks	Solid bricks and blocks	Hollow bricks and blocks	Plasterboard	Wooden board	Page
Installation boxes (recessed & surface mounted)								
	Wall plug TP	✓	✓	✓	✓	✓	✓	76
	Nailplug TPS	✓	✓	✓	✓	✓	✓	76
	Installation screw TFT	✓	✓	✓	✓	✓	✓	75
	Wood screw TGS	✓	✓	✓	✓	✓	✓	74
	Cavity fixing THW					✓		80
Cables & conduits								
	Nail clips TC	✓	✓	✓	✓	✓	✓	68
	Screw clips TCS	✓	✓	✓	✓	✓	✓	67
	Plastic clamp TK	✓	✓	✓	✓	✓	✓	66
	Stainless steel clamps TKS	✓	✓	✓	✓	✓	✓	66
	Cable wings	✓	✓	✓	✓	✓	✓	69
Cable ladders, cable trays and mesh trays								
	Wall plug TP	✓	✓	✓	✓	✓	✓	76
	Concrete screws MMS	✓		✓				74
	Through bolt TEX	✓		✓				75
Mini trunking & skirting trunking								
	Wall plug TP	✓	✓	✓	✓	✓	✓	76
	Nailplug TPS	✓	✓	✓	✓	✓	✓	76
	Installation screw TFT	✓	✓	✓	✓	✓	✓	75
	Installation screw TSC	✓	✓	✓	✓	✓	✓	75

D



Application	Product	Concrete	Low density concrete or hollow blocks	Solid bricks and blocks	Hollow bricks and blocks	Plasterboard	Wooden board	Page
Installation trunking & cable distribution trunking								
	Wall plug TP	✓	✓	✓	✓	✓	✓	76
	Nailplug TPS	✓	✓	✓	✓	✓	✓	76
	Cavity fixing TMX					✓	✓	79
	Installation screw TSC	✓	✓	✓	✓	✓	✓	75
	Concrete screws MMS	✓		✓				74
Outlets and switches (surface mounted)								
	Wall plug TP	✓	✓	✓	✓	✓	✓	76
	Nailplug TPS	✓	✓	✓	✓	✓	✓	76
	Cavity fixing TPD					✓		79
	Cavity fixing THW					✓		80
	Wood screw TGS	✓	✓	✓	✓	✓	✓	74
	Installation screw TFT	✓	✓	✓	✓	✓	✓	75
Luminaires & lighting fixtures								
	Cavity fixing TMX					✓	✓	79
	Wall plug TP	✓	✓	✓	✓	✓	✓	76
	Installation screw TFT	✓	✓	✓	✓	✓	✓	75
Electrical boards								
	Wall plug TP	✓	✓	✓	✓	✓	✓	76
	Nailplug TPS	✓	✓	✓	✓	✓	✓	76
	Installation screw TFT	✓	✓	✓	✓	✓	✓	75
	Wood screw TGS	✓	✓	✓	✓	✓	✓	74
	Cavity fixing THW					✓		80





P147785

+ Benefits

- The cable ties are self-locking. They cannot be opened and re-sealed.
- The cable ties have smooth rounded edges for easier handling and safer installation.
- The bent rounded tip allows easier insertion through the head of the cable tie.
- User friendly re-sealable packaging and documented quality.
- Manufactured and tested to EN62275, RoHS compliant.



P147787

D



P148324



P148323



P148326



P148300

Thorsman cable ties

Description

- Cable ties are used for a wide range of applications including bundle up and fix cables, conduits and tubing
- Material PA6.6
- Available in black and clear colour
- Max operating temperature -40°C to +85°C
- Minimum installation temperature -20°C.

Application

- There are two types of Thorsman cable ties available:
 - made of clear polyamide, for indoor use
 - made of UV-stabilized black polyamide for both indoor and outdoor use.

Thorsman cable ties (x 100)

Type	Length (mm)	Colour	Qty per package	Ref. No.	
Thorsman cable ties			No language pack		
2.5 mm	100	Clear	100	IMT46026	
		Black	100	IMT46033	
	120	Clear	100	IMT46035	
		Black	100	IMT46036	
	160	Clear	100	IMT46074	
		Black	100	IMT46073	
200	Clear	100	IMT46158		
	Black	100	IMT46157		
	3.6 mm	150	Clear	100	IMT46064
			Black	100	IMT46071
200	Clear	100	IMT46149		
	Black	100	IMT46156		
300	Clear	100	IMT46921		
	Black	100	IMT46922		
4.8 mm	200	Clear	100	IMT46101	
		Black	100	IMT46118	
	250	Clear	100	IMT46918	
		Black	100	IMT46968	
	300	Clear	100	IMT46919	
		Black	100	IMT46969	
370	Clear	100	IMT46248		
	Black	100	IMT46970		
7.6 mm	300	Black	100	IMT46923	
		Clear	100	IMT46286	
380	Black	100	IMT46293		
	Clear	100	IMT46926		
8.8 mm	550	Clear	100	IMT46924	
		Black	100	IMT46924	
	780	Black	100	IMT46927	

Thorsman cable ties (x 20)

Type	Length (mm)	Colour	Qty per package	Ref. No.
Thorsman cable ties			No language pack	
2.5 mm	100	Black	20	IMT46231
		Clear	20	IMT46221
4.6 mm	200	Black	20	IMT46232
		Clear	20	IMT46222
4.8 mm	280	Black	20	IMT46233
		Clear	20	IMT46223
	380	Clear	20	IMT46224
		Black	20	IMT46234

Thorsman accessories

Type	Colour	Qty per package	Dimensions w/l (mm)	Ref. No.
------	--------	-----------------	---------------------	----------

Self-adhesive base for fixing of cable ties. There are two sizes base, one for max. tie width 3.6 mm and the other for max. tie width 4.8 mm. Both self-adhesives are using high-end 3M form. There are additional screw-fix option cradle for fixing cable tie and cable tie with identification and marking tab.

Material: PA6.6

Self-adhesive bases		No language pack		
For max. tie width 3.6 mm	Clear	100	19/19/5.8	IMT47000
For max. tie width 4.8 mm	Clear	100	28/28/6.4	IMT47001
Cradle				
For max. tie width 7.8 mm	Clear	100	22/16/9.6	IMT47002
Cable tie with ID tab				
Cable tie with ID tab 100 x 2.5 mm	Clear	100	100/2.5	IMT47004



P160378

+ Benefits

- Insensitivity to climatic stress and aging
- Performance preserved whatever the humidity rate
- High impact resistance at low temperature
- Resistance to tearing and elongation
- Halogen-free
- Can be used with conduits

Mureva FIX cable ties PA12

Description

The Mureva FIX installation ties in PA12 are available in 4 versions of diameter (from 8 to 92 mm). The range also includes wall fixings accessories. Designed to ensure a time-proof quality and security, they are insensitive to climatic stress (UV radiations, high temperatures, salt spray...), they possess an excellent resistance to tearing and elongation and a flame resistance matching the highest requirements.

Application

For all outside and inside installation as for installations in chemically aggressive environments (oils, fats, hydrocarbons, dilute acids, solvents...).

Range

Type	Colour	Length (mm)	Qty per package	Ref. No.
Installation cable ties PA12				
Flatheaded installation ties of 9 mm width. The ties are available in 4 versions of tightening diameter, from 8-22 to 55-92 mm, and 3 versions of packaging, per 100, per 1000 and per 1000 with an included tightening tool (ref. NSYMARK3). Material: PA12				
Ø 8 - 22	Black	132	100	ENN47922
Ø 10 - 42	Black	194	100	ENN47942
	Black	194	1000	ENN94242
Ø 10 - 42 with tightening tool	Black	194	1000	ENN94442
	Black	273	100	ENN47962
Ø 26 - 62	Black	273	1000	ENN94262
	Black	370	100	ENN47992
Ø 55 - 92	Black	370	1000	ENN94292
	Black	370	1000	ENN94292
Fixing accessories				
Bases intended for the fixing of 9 mm width installation ties. They are resistant to UV and therefore recommended both for outside and inside use. Minimum resistance: 20 daN. Thread of ref. ENN47995: Ø 7 x 150 mm.				
Classic base	Black		100	ENN47994
Universal base	Black		100	ENN47995
Base with included plug	Black		10	IMT47206
			100	IMT47006

P122528



P122530 P151018 P151018



P138803

Thorsman Rapstrap

Description

Rapstrap is a smooth and flexible installation tie to be used in many configurations. The unique design allows Rapstrap to be easily released and re-used as long as you have kept the ribbed tongue end. Just re-insert the tongue in the same cell and remove. Made of elasticated polyurethane, Rapstrap can stretch up to 50 %. Yet it ties securely without harming any sensitive surfaces.

Application

An easy way to quickly manage delicate cables, plants, or anything else you want tied up. For longer lengths, just join two Rapstraps together.

Range

Type	Colour	Length (mm)	Qty per package	Ref. No.
4 sheets/6 strips				
Packed in a plastic bag of 24 sheets of 6 strips. Material: Polyurethane.				
Rapstrap tie SE, DK, NO, FI	Black	10/1.25/300	24	IMT38067
	Neutral	10/1.25/300	24	IMT38070
Rapstrap tie EN, FR, NL, ES, PT	Black	10/1.25/300	24	IMT38068
	Neutral	10/1.25/300	24	IMT38071
	Green	10/1.25/300	24	IMT38072

P140803



+ Benefits

- Rapstrap is a "green" product
- Just tie, cut and use again
- No part of Rapstrap is useless and no waste
- Just thread through a cell at the end of the strip, cut off the remaining front section and use again





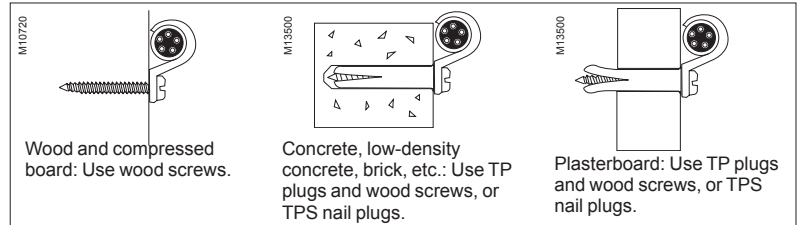
Thorsman TK

Description

Plastic clamps for round and flat cables/conduits.

Applications

Installations in wood is done by using wood screw. For installations in concrete, brick, plasterboard etc. use TP plugs and wood screws, or TPS nail plugs. For indoor and outdoor use.

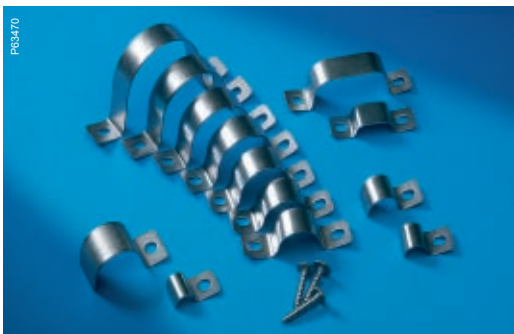


+ Benefits

- Flexible – each size can be used for several cable/conduit sizes
- Can withstand high impact, together with extremes of heat, cold and acid
- Broad range

Range

Type	Colour	Dimensions A/B/C (mm)	Qty per package	Ref. No.
Plastic clamp for round and flat cables or conduits. Installation in wood is done by using wood screws. For installations in concrete, brick, plasterboard, etc., use TP plugs and wood screws, or TPS nail plugs. Material: PP (polypropylene).				
TK 3-5	White	6/15/9	100	2300010
TK 5-7	White	8/18/9	100	2301018
TK 7-10	White	11/20/9	100	2302016
TK 10-14	White	14/27/13	100	2303014
TK 14-20	White	19/35/14	100	2304012
TK 20-26	White	25/47/15	50	2305019
TK 6x9	White	19.5/9/7	100	2310100



Thorsman TKS

Description

The TKS range includes screw clamps. The range is available either in stainless steel in corrosivity category C4, or in acid-proof stainless steel in category C5M (a selected range). The products in the C5M range are marked TKS.

With two fixing holes, for mounting of one pipe or cable, both C4 and C5M.

Applications

Intended for use in installations of cables and pipes/conduits.

Range, category C4

Type	Dimensions A/B/C (mm)	Qty per package	Ref. No.
Screw clamps for one cable, two fixing holes			
Steel clamp, single, for installation of one pipe or cable. With two oval 8x5 mm fixing holes. Corrosivity category C4. Material: Stainless steel.			
TKS-ER 16	16/47/15	100	2390400
TKS-ER 20	20/58/15	100	2390405
TKS-ER 22	22/58/15	100	2390410
TKS-ER 25	25/64/15	100	2390415
TKS-ER 30	30/69/15	100	2390420
TKS-ER 32	32/73/15	50	2390425
TKS-ER 40	40/76/15	50	2390430
TKS-ER 50	50/85/15	50	2390435

+ Benefits

- Long lasting installations
- Broad range
- Not influenced by UV light
- Clamps with two mounting holes for heavy installations
- C5M range for harsh environments
- Type approval for C5M range



Thorsman TSK

Description

Adjustable plastic clamps for banks of electric cables.

Applications

Intended to secure banks of electric cables. Installations in wood is done by using wood screws. For installations in concrete, brick, plasterboard, etc, use TP plugs and wood screws, or TPS nail plugs.

Range

Type	Dimensions A/B/C (mm)	Qty per package	Ref. No.
Clamp for screw installation			
Adjustable plastic clamp intended to secure banks of electric cables. For screw mounting. Material: PP (polypropylene). White			
TSK 7-10	10/11/65	100	2330017
TSK 10-14	14/16/85	50	2332013
TSK 14-20	17/20/120	50	2334019

+ Benefits

- Flexible – each size can be used for several cables of the same size
- One clamp can take 2-5 parallel cables
- Can withstand high impact, together with extremes of heat, cold and acid



Thorsman TCS

Description

The screw fixing clips TCS-C3 and TCS-C5M can be used both for indoor and outdoor applications. TCS-C5M is the obvious choice in harsh environments. Both TCS-C3 and TCS-C5M consist of a clip in impact-resistant polypropylene with high UV-resistance. C3 is provided with an electroplated steel screw, whereas C5M is provided with an acid-proof stainless steel screw. The screw has a high pitch for quick installation and a sharp point, and the head is cross-slotted of either type Phillips 2 or of type T20. It penetrates directly into most materials. In concrete and bricks it only needs a 4 mm hole. The C3 T20 screw is specially suited for high torque applications like hard wood and concrete.

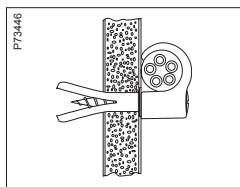
Application

The clip can be fitted without drilling in double and single plasterboard, wood, board materials and low-density concrete with high density. It is also suitable for hard materials like concrete or bricks.

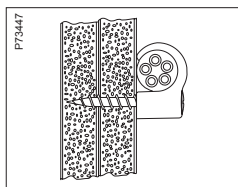
+ Benefits

- Type-approved, C3 or C5M
- Corrosion-classified screws
- High UV-resistance
- Can withstand high impact together with extremes of heat, cold and acids. C5M suitable for extra harsh environments
- Documented quality
- Pre-mounted screw with high pitch and Phillips PH2 or T20 head for quick and secure installation with cordless driver
- Excellent function when installing rigid cables bent at small bending radii, for example around external corners
- The screw length of TCS 14-18, 18-22 and 22-26 is adapted so as not to pass through a double 13 mm plasterboard (not C5M)

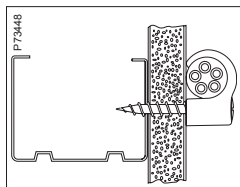
Application examples



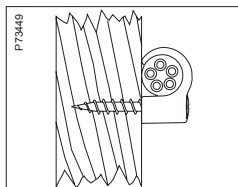
Mounting in single 13 mm plasterboard. Use plastic plug TP1 yellow.



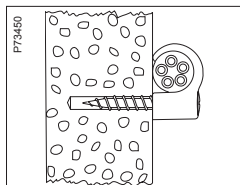
Mounting in double 13 mm plasterboard. The length of the screw of TCS-C3 14-18, 18-22 and 22-26 is adjusted so as not to pass through both boards, in order to facilitate the mounting of conduits from the inside of the wall.



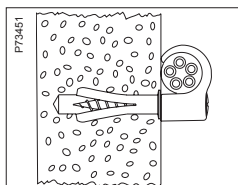
Mounting in a single 13 mm plasterboard with a metal bar behind, metal thickness 0.56 mm.



Mounting in wood, wood board materials, plywood.



Mounting in concrete and bricks. Drill a Ø 4 mm hole, approx. 30 mm deep. Drive the screw direct in the drilled hole.



Mounting in low-density concrete. Use plastic plug TP1 yellow. In low-density concrete of higher density than 600, no pre-drilling or plugs are needed.

Range



P73660



P90902



P103321



P90902



Type	Colour	Dimensions A/B/Ø (mm)	Qty per package	Ref. No.
Screw C3 with PH head				
Plastic clip with screw, intended for indoor or outdoor installations in walls and ceilings, with or without wall plug. Screw with surface treatment acc. to corrosivity class C3 and cross-slotted head type Phillips 2. For round cables. Material: PP/Steel.				
TCS-C3 7-10 For 7-10 mm cables	White	32/23/5	100	2190001
TCS-C3 8-12 For 8-12 mm cables	White	32/21/5	100	2190013
TCS-C3 10-14 For 10-14 mm cables	White	38/26/5	100	2190021
TCS-C3 14-18 For 14-18 mm cables	White	38/23/5	100	2190031
TCS-C3 18-22 For 18-22 mm cables	White	41/23/5	50	2190041
TCS-C3 22-26 For 22-26 mm cables	White	45/23/5	50	2190051
Screw C3 with T20 head				
Plastic clip with screw, intended for indoor or outdoor installations in walls and ceilings, with or without wall plug. Screw with surface treatment acc. to corrosivity class C3 and cross-slotted head type T20. For round cables. Material: PP/Steel.				
TCS-X-C3 7-10 For 7-10 mm cables	White	32/23/5	100	2191000
TCS-X-C3 8-12 For 8-12 mm cables	White	32/21/5	100	2191010
TCS-X-C3 10-14 For 10-14 mm cables	White	38/26/5	100	2191025
TCS-X-C3 14-18 For 14-18 mm cables	White	38/23/5	100	2191040
TCS-X-C3 18-22 For 18-22 mm cables	White	41/23/5	50	2191055
TCS-X-C3 22-26 For 22-26 mm cables	White	45/23/5	50	2191070
Screw C5M with PH head				
Plastic clip with screw, intended for indoor or outdoor installations in walls and ceilings, with or without wall plug. Acid-proof stainless steel screw acc. to corrosivity class C5M and cross-slotted head type Phillips 2. For round cables. Material: PP/Steel (acid-proof, stainless).				
TCS-C5M 7-10 For 7-10 mm cables	White	32/24/5	100	2191509
TCS-C5M 8-12 For 8-12 mm cables	White	32/21/5	100	2191510
TCS-C5M 10-14 For 10-14 mm cables	White	32/21/5	100	2191511
TCS-C5M 14-18 For 14-18 mm cables	White	41/26/5	100	2191512
TCS-C5M 18-22 For 18-22 mm cables	White	41/23/5	50	2191513
TCS-C5M 22-26 For 22-26 mm cables	White	41/20/5	50	2191514



P81288

Thorsman TC

Description

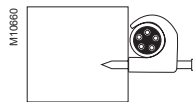
The Thorsman TC clip range includes a wide range of clips in various designs and dimensions, colours, nails and packages, intended for the installation of round and flat cables. Clips in corrosivity category TC-C5M have a nail of acid-resistant stainless steel and can be used in extra tough environments.

The clips are made of impact-resistant, UV-stabilized polypropylene.

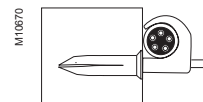
Application

For use in wood, masonry and compressed board (fibre boards) when used in concrete, brick walls and light concrete materials, TCP plug should be used.

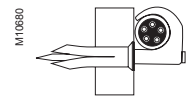
Mounting instruction



Wood and compressed board:
Nail in.
Thick nails in brick joints.



Concrete, low-density materials,
brick, etc: Use TCP clip plugs.
Hammer the clip plug into
low-density concrete without
predrilling. Not for thick nails.

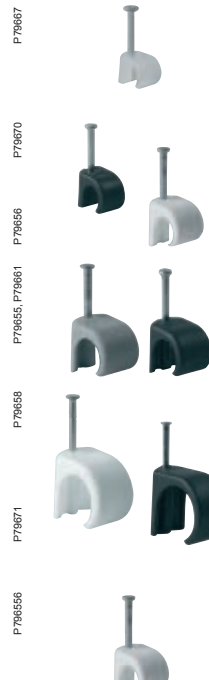
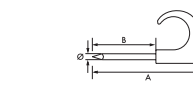


Plasterboard: Use TCP clip
plugs. Make a hole in single
plasterboard sheets with an awl.
The start of a hole is sufficient in
double plasterboard sheets.

+ Benefits

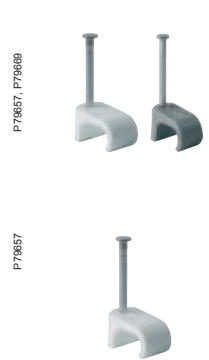
- High UV resist
- Wide range
- In/outdoor use
- Specially hardened nails
- Direct fixing in various materials

Range round clips



Type	Colour	Dimensions Nail Ø/A/B (mm)	Qty per package	Ref. No.
Plastic clip including nail, for installations of round cables, mainly for indoor use.				
Material: Clip of PP, nail of hardened and electroplated steel.				
TC 3-5	White	1.2/20/15	100	2011017
TC 4-6	White	1.4/20/14	100	2015110
TC 5-7	White	1.2/20/12	100	2021012
TC 5-7	White	2.0/25/17	100	2022010
TC 7-10	White	1.6/25/16	100	2032019
TC 7-10	White	1.6/30/21	100	2033017
TC 7-10	White	2.0/25/16	100	2032011
TC 8-12	White	2.0/30/19	100	2041200
TC 8-12	White	2.0/45/34	100	2041283
TC 10-14	White	2.0/30/17	100	2042018
TC 10-14	White	2.0/35/22	100	2043016
TC 10-14	White	2.0/45/32	100	2045012
TC 10-14	White	2.5/30/17	100	2042011
TC 14-20	White	2.0/35/18	100	2052017
TC 14-20	White	2.0/45/28	100	2053015
TC 14-20	White	2.5/35/18	100	2052011
TC 18-22	White	2.5/45/25	50	2060002
TC 22-26	White	2.5/45/21	50	2070001
TC 22-26	White	2.5/55/31	50	2070209
Round clips in corrosivity category C5M				
TC-C5M 7-10	White	1.6/25/16	100	2240045
TC-C5M 8-12	White	2.0/30/19	100	2240065
TC-C5M 10-14	White	2.0/30/17	100	2240085
TC-C5M 14-20	White	2.0/35/18	100	2240105

Range flat clips



TC 5x8	White	2.0/25/18	100	2116010
TC 6x10	White	2.0/25/17	100	2126019
TC 7x14	White	2.0/25/16	100	2131010
TC 7x14	White	2.5/25/16	100	2131019
TC 9x18	White	2.0/30/18	100	2136010
TC 9x18	White	2.5/30/18	100	2136018
TC 11x22	White	2.5/35/20	50	2137014
Flat clips in corrosivity category C5M				
Plastic clip including nail, for installations of flat cables, for indoor or outdoor use. Corrosivity category C5M. Especially suited for tough environments.				
Material: Clip of PP, nail of hardened and Fe/Zn electroplated steel.				
TC-C5M 6x9	White	1.6/25/17	100	2230972

D

P124737



Cable wings

Description

The Cable Wing fixing clip can be used both for indoor and outdoor applications. The Cable Wing is available both as a single clip for cable installation on one side only and as a double clip for cable/conduit installation on both sides. Both types are made of polyamide with high UV-resistance and durability. The Cable Wing is either provided with a nail-plug for quick installation in concrete/brick or is supplied without plug if for example a screw installation is preferred.


Benefits

- Fast installation with a hammer when using the nail plug
- Installs directly in suitable materials. In concrete and brick it is recommended to use a nail-plug.
- Nail plug installation means that the Cable Wing can be adjusted or even removed and re-used
- High UV-resistance
- Halogen-free
- Can withstand high impact together with extremes of heat and cold
- Documented quality
- Can be installed before adding cables, i.e. cables can easily be fixed or removed after installation of the clip
- Flexible design – one size fits multiple cable/conduit dimensions
- Recyclable packaging.

Technical and Material data

Material	Cable wing, nail plug: PA (polyamide) Screw nail: Steel with electro-plated zinc surface treatment
Cable capacity	Maximum diameter 12 mm. Maximum capacity 6 cables per side
Colour	Dark grey
Temperature range	From -20 to + 60°C
Recommended load	30 N

Range

Type	Colour	Dimensions A/B/C (mm)	 Qty per package	EAN code	Ref. No.
Cable wing, double					
Cable wing, double. Intended for cable/conduit installation on both sides. Available with or without nail-plug. Material: PA.					
With nail-plug	Dark grey	23/20/230	25	3606480217227	IMT39080
Without nail-plug	Dark grey	23/20/230	10	3606480217210	IMT39079
Cable wing, single					
Cable wing, single. Intended for cable installation on one side. Available with or without nail plug. Material: PA.					
With nail-plug	Dark grey	20/20/130	25	3606480217203	IMT39078
Without nail-plug	Dark grey	20/20/130	10	3606480217197	IMT39077

P119630



P119531



P119753



P119752



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Thorsman TET

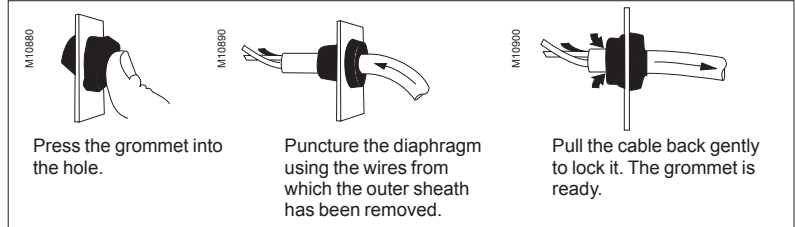
Description

TET grommets are available in two different materials, Ethylene/propylene (EPDM) rubber and Chloroprene (CR) rubber. Both materials are weather and temperature resistant and can be used both indoors and outdoors.

Application

They are intended for completely dust and watertight sealing of cables, conduits and pipes, for example in cars, aeroplanes, ships, electrical and hydraulic equipment, enclosed apparatus and light fittings.

Installation



+ Benefits

- Fast installation — seals without tightening of the grommet
- Permits vibration in cables, conduits and pipes without detracting from the seal
- The sealing diaphragm is punctured only when the cable is drawn through – acts as a blind plug and is ready for installation
- Approved for installation in ships
- Each size has a very wide sealing range.
- High degree of protection – IP67

Range

Type	Colour	Dimensions Ø/B (mm)	Hole ⁽¹⁾ Ø mm	Qty per package	Ref. No.
Grommets, EPDM					
Grommet suitable for untapped holes in material with a thickness from 1 to 4 mm, TET 3-5 for 0.5 to 3 mm. For completely dust and watertight cable and pipe inlets. Material: EPDM rubber.					
TET 3-5	Grey	20/13	12.5 ⁽²⁾	50	IMT36179
TET 5-7	Grey	21/18	16	50	IMT36180
TET 7-10	Grey	24/20	19	50	IMT37303
TET 10-14	Grey	28/22	23	50	IMT37307
TET 14-20	Grey	35/25	29	50	IMT37311
TET 20-26	Grey	46/30	38	25	IMT37314
TET 26-35	Grey	58/35	48	25	IMT37317
Metric grommets, EPDM					
Grommet suitable for holes with metric thread in material with a thickness from 1 to 4 mm. For completely dust and watertight cable and pipe inlets. Material: EPDM rubber.					
TET M7-10	Grey	25/20	M20	50	IMT36181
TET M10-14	Grey	29/22	M25	50	IMT36182
TET M14-20	Grey	37.5/25	M32	50	IMT36183
TET M20-26	Grey	48/30	M40	25	IMT36184
TET M26-35	Grey	60/35	M50	25	IMT36185

D

+ Benefits

- Designed to prevent cable chafing through trunking and electrical boxes
- Available in standard and quick fit designs

PVC cable grommets

Description

Open grommets allow cables to enter the enclosure through the knock-out and prevent possible damage to the cable insulation caused by the sharp edge of the knock-out. Blind grommets are used to blank off a knock-out that has already been removed and is subsequently not required. Quick Fit grommets have one face with a tapered lead in to aid insertion. Material: PVC.

Application

For use primarily in knock-outs in metal enclosure.

Range

Type	Qty per package	Ref. No.
Standard type		
20 mm open	100	3280210
20 mm closed	100	3280215
25 mm open	50	3280220
25 mm closed	50	3280225
Quick fit type		
20 mm open	100	3280010
20 mm closed	100	3280015
25 mm open	50	3280020
25 mm closed	50	3280035

P148019



+ Benefits

- High degree of protection IP67
- Double sealing function, ensuring the IP67 rating and providing a safe function
- Strain relief and seals without tools
- Very quickly fitted
- Easily accessible, even in tight corners
- Each size has a very wide sealing range – rational, economic installation and stocking
- Sealing diaphragm is not perforated until the cable is pulled through it – use as a blind plug
- Halogen-free
- Suitable for outdoor use

Cable glands

Description

Cable gland with strain relief. With external metric.

Locknut with internal metric or to be used together with cable glands in untapped holes.

Applications

Sealing and providing strain relief for cables in switches, devices, machines, etc. Suitable for threaded holes and unthreaded holes, in the latter case together with a locknut.

Accessories for Mureva junction boxes

Type	Colour	Dim. (mm)	Qty per package	Ref. No.
Cable glands acc. to ISO standard				
Cable gland equipped with nut and neoprene seal for one cable. May be used both for threaded and unthreaded holes. The IP68 classification assures complete protection. The temperature range is between -30° and +80°C permanently and up to +150° C intermittently. Material: PA6.				
Cable gland M12	Grey RAL 7035	30/20/20	20	ISM71501
Cable gland M16	Grey RAL 7035	35/24/24	20	ISM71502
Cable gland M20	Grey RAL 7035	40/28/28	20	ISM71503
Cable gland M25	Grey RAL 7035	46/35/35	10	ISM71504
Cable gland M32	Grey RAL 7035	55/46/46	10	ISM71505
Cable gland M40	Grey RAL 7035	53/55/55	5	ISM71506
Security cable gland				
Security cable gland equipped with nut and seal for one cable, specially adapted to red boxes for safety circuits. May be used in both theaded and unthreaded holes. The IP68 and choice of plastic material ensures complete protection even in hot environments. Incandescent wire tested at 960°C. Material: PA6.				
Cable gland M20	Red RAL 3000	40/28/28	20	IMT36150

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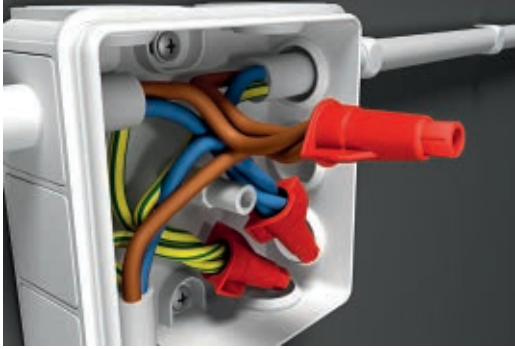


P100905



Twist wire connectors Push-in terminal

P124764



+ Benefits

- Test hole on top for quick and easy voltage testing
- Hexagon spanner flats for power screwdriver with 1/4" fitting
- Ergonomically shaped wings
- No need to twist the stripped wires
- Can be screwed off and re-used on the same or a larger wire area
- One product for all connections

Thorsman TORIX

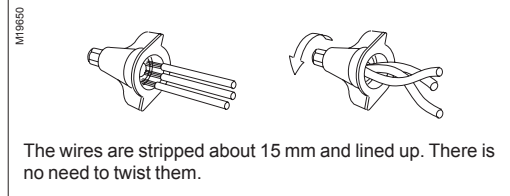
Description

TORIX T6 twist-on wire connector is intended for connection of all kinds and combinations of wire. The connector is provided with a test hole at the top, making it easy to quickly test the connection with ordinary testing instruments.

Application

TORIX T6 is approved for connection of all kinds of wire from 0.5 mm² to 12.5 mm².

Installation



The wires are stripped about 15 mm and lined up. There is no need to twist them.

Capacity

Type	Total area	Conductor area mm ²	No. of conductors
TORIX T6	12.5	0.5 ⁽¹⁾	2-10
		0.75	2-10
		1.0	2-10
		1.5	2-8
		2.5	2-5
		4.0	2-3
		6.0	2

⁽¹⁾ Not for 2x0.5 mm² RK.

Range

Type	Colour	Dimensions A/B/C (mm)	Qty per package	Ref. No.
Twist-on connector				
Twist-on connector for the connection of all kinds and combinations of wire, area 0.5-12.5 mm ² . A test hole at the top of the connector ensures quick and easy testing of the connection with ordinary testing instruments. Material: PA.				
TORIX T6	Red	20/14/28	100	3000210



D

P119521



P119522

+ Benefits

- Fast installation
- High working temperature, approved for 90°C in Europe and 105°C in the US
- Approvals for both European and American standards
- With a test hole for easy voltage checking
- Large clamping range
- Easy to plug in – high pull-out force
- Highly transparent viewing window for visual inspection of the clamping points means greater safety and reliability during installation

Thorsman Push-in terminal

Description

The Thorsman push-in terminals are intended for use as floating termination in most applications. They are very well adapted to high temperature ranges.

Application

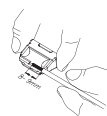
The terminals are certified for use with both European and American cable types. They have a large clamping range, 0.5-2.5 mm² for solid and 1.5-2.5 mm² for rigid stranded conductors. These sizes can also be used in the same terminal.

Range

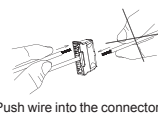
Type	Colour	Dimensions A/B/C (mm)	Qty per package	Ref. No.
Push-in terminal with three or five entries, approved for an ambient temperature of 90°C in Europe and 105°C in the US. The product is UL-approved. Material: PC, PA, copper, stainless steel.				
With three entries	Green	8.9/15.7/17.2	100	IMT36344
With five entries	Green	8.9/15.7/26	100	IMT36345



Wire stripping length

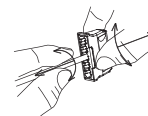


Connection

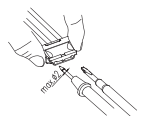


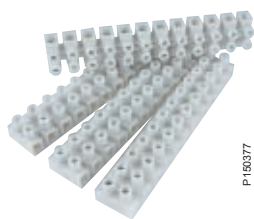
Push wire into the connector as far as possible

Disconnection



Test





P15377



Benefits

- CE approved for use in working temperatures up to 85°C
- Compliant to EN 60998

Thorsman Terminal connectors

Description

The tough yet flexible polypropylene construction allows you snap off the desired amount of terminal blocks, removing the need for time consuming cutting. Terminal blocks are made from self extinguishing rigid white polypropylene, which eliminates the risk of fire from arcing.

Range

Type	Qty per package	Ref. No.
Brass insert		
2.5 amp	10 strips	3000254
5 amp	10 strips	3000270
15 amp	10 strips	3000288
30 amp	10 strips	3000296
60 amp	5 strips	3000938
Steel insert		
2.5 amp white	10 strips	3000410
5 amp white	10 strips	3000420
15 amp white	10 strips	3000430
30 amp white	10 strips	3000440



Thorsman MULTI-MONTI MMS

Description

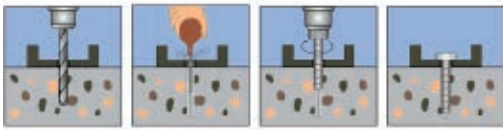
The Thorsman range of concrete screws includes hardened steel screws for direct installation in hammer drilled holes in solid, hard materials like concrete and solid bricks. The range also includes a mounting tool for the eye screw, magnetic socket drivers for hexagon head screws and a screw bit T30.

Application



The concrete screws can be used in indoor or outdoor applications. For outdoor applications, electroplated Protect 4 screws (C4) are specially suitable. Acid-proof stainless steel screws (C5M) are available for extreme environments. Suitable for assembly of wall trunking and cable ladder brackets in concrete and solid bricks. Used directly without plastic plug.

+ Benefits

- Low stress induction allows installation close to concrete or brick edge.
- Corrosion resistant
- Fast installation
- Removable
- Different head types for different applications



Range

Type	Dimensions Ø x L (mm)	Qty per package	Ref. No.
With pan head			
P11752 	Concrete screw with pan head. Recess T-20, T-30 or T-40. Suitable for concrete and solid brick materials. Mounting with cordless screwdriver or wrench. Material: Steel, electroplated.		
MMS-P	5x50	200	IMT38041
With flange head			
P11754 	Concrete screw with flange head 17 mm. Recess T-30. Suitable for concrete and solid brick materials. Mounting with cordless screwdriver or wrench. Material: Steel, electroplated.		
MMS-MS	7.5x45	50	IMT38037



Thorsman TGS

Description

Universal screw with panhead and Phillips PH2 recess.


Application

Suitable for wood, wood fibreboard and plasterboard, and together with plugs. Not for use in load bearing timber structures.

+ Benefits

- Documented quality
- Twin thread – fast and easy installation
- High pitch – much faster than conventional wood screws
- Extra sharp point – no hole notch necessary in soft materials
- Fully threaded – works well in thin materials

Range

Type	Dimension Ø x L (mm)	Qty per package	Ref. No.
Universal screw TGS			
P126119 	Universal screw with panhead, Phillips PH2 recess. Twin thread, sharp point. Fully threaded. Suitable for wood and wood fibreboard and together with plugs. Not for use in load bearing timber structures. TGS-4,2x25 also in big-pack. Material: Hardened, electroplated steel.		
TGS-4,2x13	4.2x13	100	3709830
TGS-4,2x25	4.2x25	100	3709845
TGS-4,2x32	4.2x32	100	3709850
TGS-4,2x38	4.2x38	100	3709855



Thorsman TSE

Description

Self-tapping screw with large thin head and Phillips PH2 recess.


Application

Suitable for the fixing of sheet metal to sheet metal, maximum 2x1.5 mm.

+ Benefits

- Documented quality
- Drill point and self-tapping thread for installation in steel or sheet metal
- Penetrates 2x1.5 mm sheet metal without pilot drilling
- Extra broad head, 11.2 mm – good function in thin and soft materials
- Fully threaded – works well in thin materials
- Durable packaging

Range

Type	Dimension Ø x L (mm)	Qty per package	Ref. No.
Self-tapping screw TSE			
P126173 P126175 	Screw with large thin head, Phillips PH2 recess. Drill point. Single thread. Fully threaded. Suitable for the fixing of sheet metal to sheet metal, maximum 2x1.5 mm. TSE-4,2x13 also in big-pack. Material: Hardened, electroplated steel.		
TSE-4,2x13	4.2x13	100	3782610
TSE-4,2x31	4.2x31	100	3782620



Thorsman TSC

Description

Collar screw with large thin head and Phillips PH2 recess.

Application

Works in most materials – sheet metal studwork, cabinets, wood, plugs.

+ Benefits

- Documented quality
- Extra sharp-pointed screw with self-tapping thread
- Twin steep-pitch thread – fast and easy running
- Penetrates 2x0.9 mm sheet metal without pilot drilling
- Extra broad head, 11.2 mm – good function in thin and soft materials
- Works in most materials

Range

Type	Dimension Ø x L (mm)	Qty per package	Ref. No.
Installation screw TSC			
Screw with large thin head, Phillips PH2 recess. Twin thread. TSC-4.2x13, 4.2x25, 4.2x31 fully threaded, TSC-4.2x45, 4.2x65, 4.2x85 part-threaded. Suitable when jointing two metal sheets together, maximum thickness 2x0.9 mm. Works in most materials – metal studwork, cabinets, wood, plugs. TSC-4.2x13 and TSC-4.2x25 also in big-pack. Material: Hardened, electroplated steel.			
TSC-4.2x13	4.2x13	100	3782010
TSC-4.2x25	4.2x25	100	3782020
Screw with thin head, Phillips PH2 recess. Single thread, fully threaded, sharp point. Suitable when jointing two metal sheets together, maximum thickness 2x0.9 mm. Works in most materials – metal studwork, cabinets, wood. Material: Hardened, phosphate-coated steel.			
TSC-FB 4.2x14	4.2x14	100	IMT37331

Thorsman TFT-IS

Description

Installation screw with insulated cup washer and cross-slotted head with Phillips PH2 recess.

Provided with an insulating cup washer for screw-head protection when installing single-insulated wires in for instance trunking.

Application

Works in many different materials, such as wood, plasterboard, concrete, bricks (pre-drill a Ø 4 mm hole), sheet metal studwork.

+ Benefits

- Documented quality
- Fully threaded – works well in thin materials
- Allows for single-insulated wires to be installed in e.g. trunking
- Durable packaging

Range

Type	Dimension Ø x L (mm)	Qty per package	Ref. No.
Installation screw TFT-IS with cup washer			
Installation screw with cross-slotted head type PH2. Sharp point, fully threaded. High pitch for quick mounting. Provided with a transparent cup washer for screw-head protection. To be used when installing single-insulated wire in for instance trunking. Material: Hardened steel, electroplated, and PP.			
TFT-IS 5x32	5x32	100	4020210



Thorsman TEX

Description

The Thorsman range of TEX are intended for installations in both concrete and natural rock materials.

Application

The steel bolts with electroplated zinc are suitable mainly for indoor applications, the hot-dipped zinc and acid-proof stainless steel bolts are to be used in outdoor or extreme environments.

+ Benefits

- Fast installation with hammer and wrench
- Installs directly in concrete and natural rock materials
- No need for a clean drilled hole
- Documented quality
- High-quality anchor
- Fast-grip design, a few turns on the nut sets the anchor

Range

Type	Dimensions Ø x L (mm)	Qty per package	Ref. No.
Corrosivity class C2			
Through bolt including nut and washer. Intended mainly for indoor installations in concrete or natural rock material. Fast-grip design, the bolt is set with a few turns of the nut. Material: Steel, electroplated zinc.			
TEX-C2 M6x40	M6x40	100	IMT38005
TEX-C2 M6x70	M6x70	100	IMT38006
TEX-C2 M8x50	M8x50	100	IMT38007
TEX-C2 M8x95	M8x95	50	IMT38008
TEX-C2 M10x60	M10x60	50	IMT38009
TEX-C2 M10x105	M10x105	25	IMT38010
TEX-C2 M12x85	M12x85	25	IMT38011
TEX-C2 M12x125	M12x125	25	IMT38012





P124759

+ Benefits

- Protected colour code system
- Light weight intallation in wall

Thorsman TP

Description

TP has a smooth surface to get high friction against the wall of the hole. Four slits spread the radial expansion in all dimensions. The wall plug has a collar and wings to prevent the plug from rotating and disappearing into the hole.

TP has a unique Colour Code™ to identify each plug size. This Colour Code has been registered as a trade mark in all EU countries and in Norway. The Colour Code is printed on the cartons.

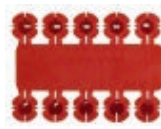
Application

TP is a wall plug of polythene for light-weight installations in most building materials. The plug is especially suitable for installations where shear loads are dominating. For mounting where pull-out loads dominate, or by high temperatures, metal fixings are recommended.



Range

Type	Colour	Dimensions Ø/L (mm)	Qty per package	Ref. No.
Plugs on sprue of ten				
TP0	White	5.5/16.5	100	1000009
TP1	Yellow	5.5/22	100	1001007
TP2	Red	5.5/35	100	1003003
TP2B	Brown	8/40	100	1005008
TP3	Blue	10/45	10	IMT48002
TP14	Grey	14/70	10	IMT38063
TP16	Orange	16/80	10	IMT38064
Single plugs				
TP 6x30	Red	6/30	100	1003020
TP4	Green	12/60	50	IMT48001



P125892



P80950, P125015



P101468

Thorsman TPS

Description

Thorsman TPS is a range of nail plugs for all types of through installation.

Application

All types of through installation, such as electrical trunking, switches, battens and cable clamps.

Suitable for concrete, stone, low-density concrete, expanded clay, hollow blocks and bricks, solid bricks and plasterboard.

+ Benefits

- Removable hammer-in fixing
- Fast installation
- Powerful expansion – high load values
- Complete range for electrical installations
- Through fixing

Range

Type	Colour	Dimensions Ø/Length (mm)	Qty per package	Ref. No.
Nail plug for all types of through installation, such as electrical trunking, switches, battens, cable clamps, door and window frames. Suitable for concrete, stone, low-density concrete, expanded clay, hollow blocks and bricks, solid bricks and plasterboard. Material: PA (polyamide).				
TPS-4/5x25	Clear	Ø7/45	100	IMT1149301
TPS-4/15x35	Clear	Ø7/55	100	1149350
TPS-5/5x35	Clear	Ø10/60	100	1149608
TPS-5/20x50	Clear	Ø10/75	100	1149707
TPS-6/5x35	Clear	Ø10/60	100	1150002
TPS-6/20x50	Clear	Ø10/75	100	1150051

P125899

P125701, P125704



P124779

D

P124735



+ Benefits

- High load values
- Easy to install
- Self-centering design of the screw
- Varying temperature range
- Shock-absorbing design
- Soft outer thermoplastic skin prevents rotation
- Acid proof C5M stainless steel screw with Torx T30 recess

Thorsman TPH

Description

The TPH Grepri plug range includes high-performance wall plugs for demanding installations.

The nylon plug has a soft outer skin made of thermoplastic rubber. This outer skin acts as a shock absorber and also greatly improves the performance of the plugs in low-density concrete and softer brick materials.

The range consists of several different sizes, Ø6, Ø8 and Ø10 mm, out of which Ø10 comes in two different lengths. The long plug is suitable for through installation for up to 50 mm, whereas the short plugs are suitable for regular plug installations.

Plug sizes Ø6-8 have a molded marking strip on the plug head, showing the plug expansion direction when mounted (see picture no P143174). All plugs are provided with a screw. However, size Ø10x67mm is also available without screw.

Application

The plugs are suitable for concrete, stone, low-density concrete, expanded clay (Leca), hollow blocks, hollow bricks and solid bricks.

Installation

We recommend the use of a hammer drill bit in concrete, but in low-density concrete a regular drill bit should be used. Clean the hole before inserting the plug. TPH Grepri plugs can be used both as a regular plug (see Fig. 1) and for through installation (see Fig. 2). The screw installs manually or with a cordless screw-driver using a T30 bit.

Fig. 1:

- Minimum drill depth 70 mm when using the short 72 mm screw and an object of maximum 10 mm thickness. Adjust the drill depth accordingly if the object is thinner than 10 mm.
- Minimum drill depth 70 mm when using the long 115 mm screw and an object of maximum 45 mm thickness. Adjust the drill depth accordingly if the object is thinner than 45 mm.

Fig. 2:

- Through installation: The drill depth plus the thickness of the object must be minimum 120 mm.

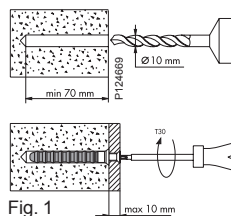


Fig. 1

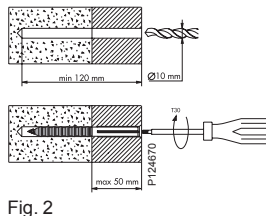


Fig. 2

Range

P140798



P140799



P117749



P126199



P117750



P117748



Type	Screw length (mm)	Colour	Dimensions Ø/L (mm)	Qty per package	EAN code	Ref. No.
Plug with screw						
High-performance plug with specially designed high corrosion resistance screw (Class C4 or C5M). Suitable for regular plug installations. Material: PA/TPR.						
TPH-6x50WS	55	Green/black	Ø6/50	5	3606480702563	IMT39087
TPH-6x50WS	55	Green/black	Ø6/50	25	3606480702570	IMT39088
TPH-8x60WS	65	Green/black	Ø8/60	5	3606480702587	IMT39089
TPH-8x60WS	65	Green/black	Ø8/60	25	3606480702594	IMT39090
TPH-10x67WS	72	Green/black	Ø10/67	4	3606480302145	IMT39081
TPH-10x67WS	72	Green/black	Ø10/67	20	3606480302152	IMT39082
TPH-10x67WLS	115	Green/black	Ø10/67	20	3606480302169	IMT39083
High-performance plug with specially designed acid-proof C5M screw. Suitable for through-installations. Material: PA/TPR.						
TPH-10x110WS	115	Green/black	Ø10/110	4	3606480302183	IMT39085
TPH-10x110WS	115	Green/black	Ø10/110	20	3606480302190	IMT39086
Plug without screw						
High-performance plug without screw. Suitable for regular plug installations. Material: PA/TPR.						
TPH-10x67	—	Green/black	Ø10/67	20	3606480302176	IMT39084

Plugs Cavity fixings



+ Benefits

- Permits nailing of clips and clamps in masonry materials

Thorsman TCP

Description

Thorsman TCP is a range of clip plugs for the installation of cable clips and nails.

Application

Installations of TC clips, TKK/APK clamps and nails. Suitable for concrete, stone, low-density concrete, expanded clay, solid bricks and plasterboard.

Range

Type	Drill Ø (mm)	Colour	Dimensions Ø/L (mm)	Qty per package	Ref. No.
Clip plug for the installation of cable clips and nails. Suitable for concrete, stone, low-density concrete, expanded clay, solid bricks and plasterboard. Material: PS (polystyrene).					
TCP-0	5.5	White	7.5/18	100	1140003
TCP-1	5.5	Yellow	7.5/25	100	1141001

P125428
P60845



+ Benefits

- Universal fixing providing great expansion and secure fixing in all building materials
- Both fixing and screw included in the package
- Fully threaded screw – even thin objects can be fixed
- Two sizes cover all situations
- Works in all different materials independent of wall thickness.

Thorsman TPN

Description

Thorsman QUICKI TPN is a range of universal wall plugs with fully threaded screws for all types of building material.

Application

TPN can be used in most situations where shear loads are dominating. Suitable for concrete, natural stone, low-density concrete 500 (not in porous low-density concrete 400-450), expanded clay, hollow blocks and bricks, solid bricks and plasterboard.



Range

Type	Colour	Dimensions Ø/L (mm)	Qty per package	Ref. No.
Universal wall plug including fully threaded screw, for all types of building material. Suitable for concrete, natural stone, low-density concrete 500 (not in porous low-density concrete 400-450), expanded clay, hollow blocks and bricks, solid bricks and plasterboard. Material: PA (polyamide) and steel.				
TPN-6x35	Grey	6/35	25	1051007
TPN-8x50	Grey	8/50	25	1052004

P77796



D



+ Benefits

- Captive fixing
- No special tool needed for the installation
- Large metal toggle – withstands humidity, heat and heavy loads
- High load values
- Fire-resistant
- Easy to remove – cut off the spring

Thorsman TPP

Description

PLATTI TPP is a cavity fixing consisting of a toggle and a collar, united by a spring and a screw or hook.

Application

For installations in board materials ranging from a thickness of 10 to 35 mm. Also suitable for ceiling installations.

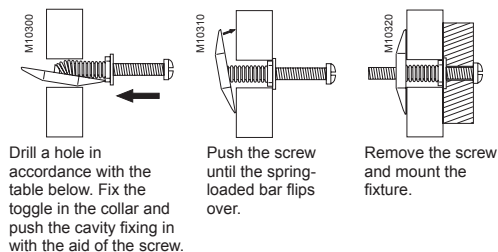
Range

Type	Screw size (mm)	Qty per package	Ref. No.
Cavity fixing with screw			
Metal cavity fixing with screw. Large captive toggle. Suitable for mounting in walls and ceilings made of board material. Can be used in 10-26 mm board thickness. Material: Toggle and collar of zinc, screw and spring of steel.			
TPP-10xM4S	Screw M4 x 55	25	1200005
TPP-13xM5S	Screw M5 x 60	25	1200401
Cavity fixing with hook			
Metal cavity fixing with hook. Large captive toggle. Suitable for mounting in walls and ceilings made of board material. Can be used in 10-26 mm board thickness. Material: Toggle and collar of zinc, hook and spring of steel.			
TPP-10xM4K	Hook M4 x 50	25	1200203

P60837



P60837



P124758



+ Benefits

- Self-drilling – preferably installed with a cordless screwdriver Pozidriv (PZ) 2 without pre-drilling
- Wood screw 4.5x35 with 8 mm head and cross-slot Pozidriv 2 (TPD-Metal)
- Fire resistant (TPD-Metal)
- Screw with high pitch, easy and fast (TPD-Metal)

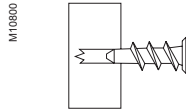
Thorsman TPD

Description

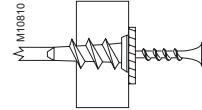
TPD self-drilling cavity fixing is intended for lightweight installations in plasterboard.

Application

For installations in plasterboard from a thickness of 9 mm, including multiple sheet thicknesses (TPD-Metal) independent of the insulation behind. Not suitable for ceiling installations.



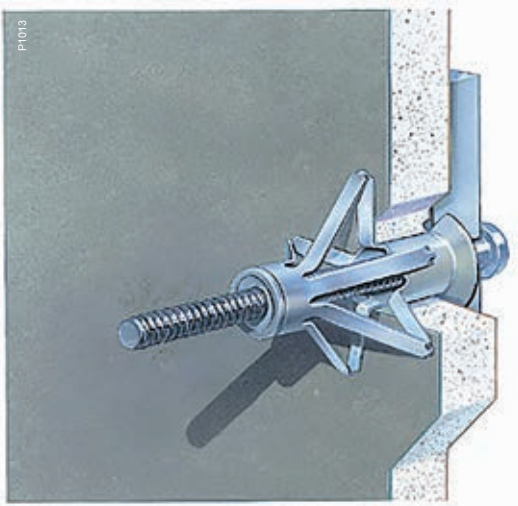
Screw the TPD into the plasterboard.



Mount the fixture by screwing the screw into the TPD.

Range					
Type	Screw size (mm)	Dim. Ø/L (mm)	Qty per package	Ref. No.	
Cavity fixing, zinc					
Cavity fixing for lightweight installations in plasterboard, including wood screw with cross-slot Pozidriv 2. Material: Zinc. Electroplated steel screw.					
TPD-Metal	4.5x35	13/37	100	1220104	

P88047



P1013

+ Benefits

- Captive fixing – stays fixed even when the screw is not tightened
- Anti-rotation design
- Pre-assembled screw
- High load values
- Fire-resistant

Thorsman TMX

Description

TMX steel cavity fixing is intended for heavy loads. It is expanded with the aid of the installation tool or simply by tightening the screw with a screw-driver.

Application

For installations in various types of board up to a thickness of 44 mm, like plaster, plywood and particle boards, but also for board materials like plastic, sheet metal and laminate.

Range					
Type	Screw	Dimensions Ø/L (mm)	Qty per package	Ref. No.	
Cavity fixing with screw					
Cavity fixing including fully threaded screw with combi-head and Phillips cross-slot. Material: Electroplated steel.					
TMX-4E	M4	14/47	100	1260025	
TMX-4D	M4	14/62	50	1260066	
TMX-5E	M5	16/62	50	1260108	
TMX-5D	M5	16/74	50	1260124	
TMX-6E	M6	18/62	50	1260140	
TMX-6D	M6	18/74	50	1260165	
Installation tool					
Installation tool for cavity fixing TMX. Material: Steel, plastic.					
TMX-T	—	100/250/32	1	1265040	

P125723

P125726

P125729

P88038





P124756

+ Benefits

- Captive fixing
- No special tool needed for the installation
- Pre-assembled screw or hook
- Ready-to-mount – very fast installation
- High load values
- Corrosion resistant
- Easy to remove – cut off the spring

Thorsman TSP

Description

DUO-MAX TSP is a plastic cavity fixing for high load values. TSP is provided with a pre-assembled screw or hook.

Application

For installations in board materials ranging from a thickness of 3 to 35 mm. TSP of type M has a nickel-plated brass screw for installations in for instance wet rooms.

Range

Type	Colour	Dimensions A/B (mm)	Qty per package	Ref. No.
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Cavity fixing with screw

Cavity fixing with screw. Installed without special tools. To be used for installations in one or several layers of plasterboard and in other board materials. Material: PA (polyamide). Screw of electroplated steel. Type M with screw of nickel-plated brass.

P80835
P80818



TSP-10/50	Blue/white	54/20	25	1244003
TSP-10/65	Blue/white	68/20	25	1248004
TSP-10/75	Blue/white	77/20	25	1249002

Cavity fixing with hook

Cavity fixing with hook. Installed without special tools. To be used for installations in one or several layers of plasterboard and in other board materials. Material: PA (polyamide). Hook of electroplated steel.

P80836



TSP-10K	Blue/white	93/20	25	1253004
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P91747

D

+ Benefits

- No pre-drilling needed
- Screw with sharp point, Phillips PH2
- Fire-resistant
- Easy to remove
- Leaves a very small hole in plasterboard when removed

Thorsman THW

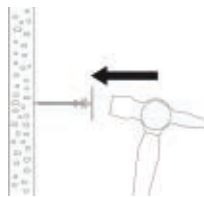
Description

THW metal cavity fixing including screw is excellent for installations in plasterboard materials. The shape of THW prevents it from rotating. No pre-drilling needed, just hammer in.

Application

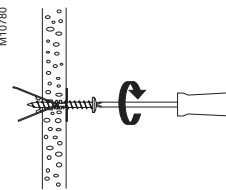
For lightweight installations in board materials ranging from 6 to 13 mm thickness, excellent for porous and thin materials.

P92128



Hammer the cavity fixing in place. No pre-drilling needed.

M10780



Mount the fixture with the included Phillips PH2 screw (cross-recessed).

Range

Type	Screw size (mm)	Dim. (mm)	Qty per package	Ref. No.
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Cavity fixing including screw

Cavity fixing including screw. The shape of THW prevents it from rotating. No pre-drilling needed, just hammer in.

Material: Steel, yellow-chromated (THW), electroplated (screw).

P91678



THW 4.2x38	4.2x38	10/30/12	50	1260170
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Thorsman TGB/TUB™

Description

Fixing band for pendulum suspension, clamping, bracing, etc. in electrical, building and heating/water/sanitation installations. Easy to cut and shape.

TGB galvanized band

Cold-rolled and galvanized steel band with closely punched holes for easy installation.

TUB plastic-enclosed universal band

Cold-rolled and galvanized steel band, enclosed with UV-stabilized PELD, polyethylene. The plastic encloses the whole band and also fills out the punched holes. This means that no humidity can come through at the screw passages, which makes the band very resistant to corrosion.

+ Benefits

- Wide range
- Can support anything from lightweight to heavy installations
- Can handle most installation situations in all types of environment
- Corrosion-resistant
- Easy to cut and shape
- Fire-resistant (tgb)

Range

Type	Colour	Dimensions w/t (mm)	Length m/roll	Qty per package	Ref. No.
TGB					
Cold-rolled and galvanized steel band with closely punched holes, for easy installation. Material: Galvanized steel band, mild steel SS 1151-10 (TGB-25x1.2 steel SS 2122-10).					
TGB-12x0.7	—	12.7/0.7	10	1	2705110
TGB-25x2	—	25/2	10	1	2705420
TUB					
Cold-rolled and galvanized steel band, encased with UV-stabilized PELD, polyethylene. The plastic encases the whole band and also fills out the punched holes. Very resistant to corrosion. Material: Plastic encased, galvanized steel band, mild steel SS 1151-10.					
TUB-8	White	9/2.5	10	1	2703015
TUB-12	White	14/2.5	10	1	2704013

P126077



P126087



1

1720 036	58
1720 038	58
1720 040	58
1772 052	58
1772 054	58
1772 056	58
1772 058	58
1772 120	58
1772 125	58
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1001007	76
1003003	76
1003020	76
1005008	76
1051007	78
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1150002	76
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1200005	78
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C

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