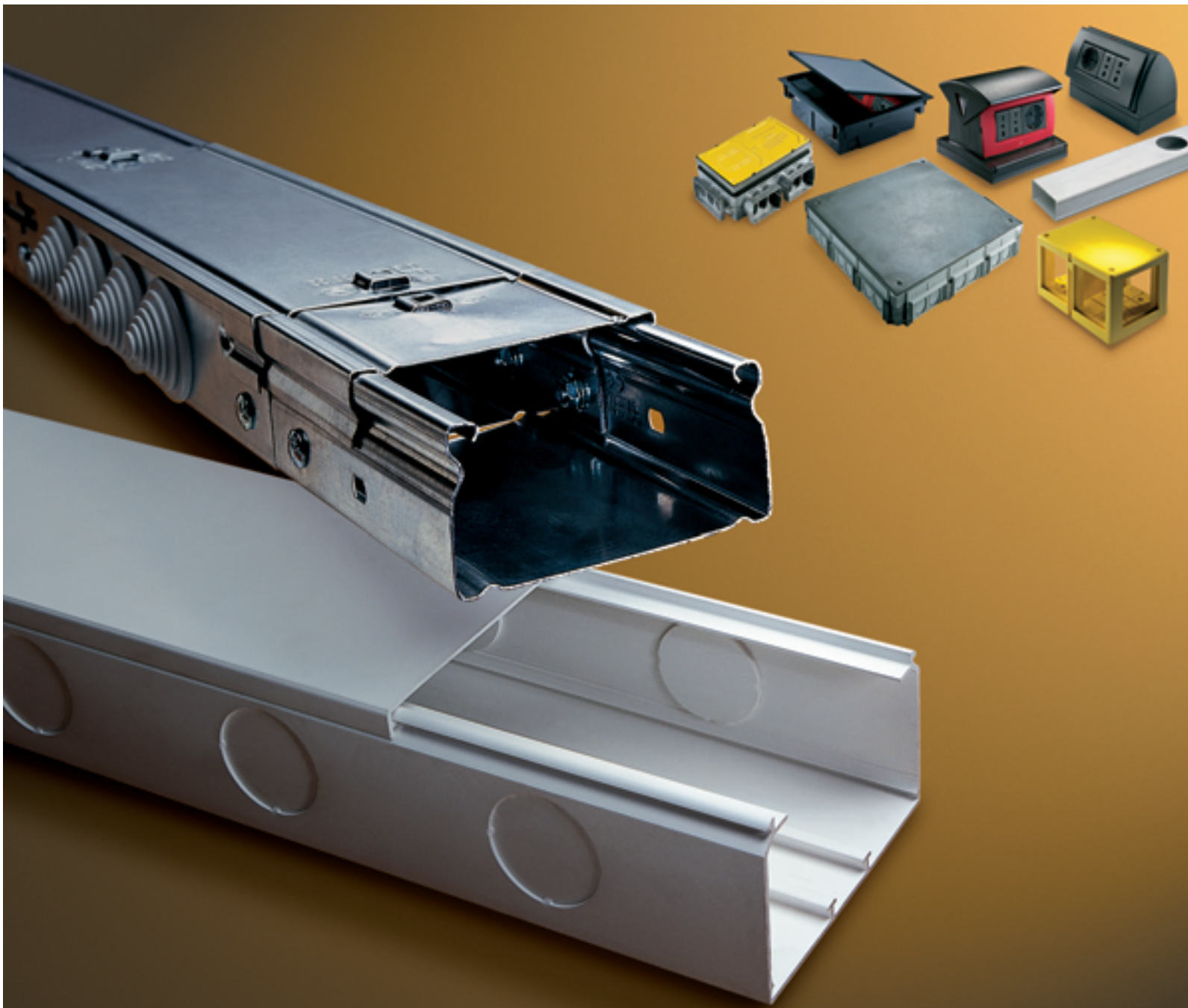


1SLC006001D0201



# Summary

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**Introduction**

**1**

---

**Trunkings for raised floors**

**2**

---

**Trunkings for traditional floors**

**3**

---

**Distribution and junction boxes**

**4**

---

**Floor boxes**

**5**

---

**Technical details and mounting  
examples**

**6**

---

**Overall dimensions**

**7**

---

**Code list**

**8**

# **ABB SACE**

## **and its commitment to protecting the environment**



ABB SACE is one of the forerunners among the companies in the Group in dedicating considerable resources towards reaching its objectives of sustainable development and environmental protection. This is confirmed by the fact that all the company manufacturing sites have been awarded ISO 9001 quality certification and most of them have also been awarded ISO 14001 environmental management system certification. The plants in Frosinone and Patrica have also been awarded the Quality, Environment and Safety Integrated System certification and are certified in compliance with the BS 8800 Standards for health and safety in the workplace.

ABB SACE is actively involved in continuing the policy of improving environmental management by rationalizing the consumption of raw materials and energy, preventing pollution, respecting water and air, reducing noise levels to a minimum, reducing waste from production processes and carrying out periodic environmental checks at the main suppliers' premises.

By using analysis tools such as LCA (Life Cycle Assessment), from the initial design stages ABB SACE assesses and improves the environmental performance of its products throughout their entire life cycle in order to guarantee maximum efficiency in technical and energy performance during operation, control and reduce environmental impact in the manufacturing stage and define end-of-life procedures.

All these goals and activities are the result of a far-sightedness in adopting ecological policies and methods of reducing environmental impact and, here too, ABB SACE is, as already seen in the quality of its products, a leader on the Italian company scene.





Plant in Marostica (Vicenza - Italy)





## Index

Underfloor distribution, a safe and convenient choice .....	1/2
Élos. The new ABB wiring accessories series .....	1/4
Overview .....	1/8



# Introduction

## Underfloor distribution, a safe and convenient choice

Electrical distribution with underfloor trunking systems is a convenient and advantageous solution, especially for the working environments of the services industry.

In offices, shops and any other environments where numerous connections to the supply mains are required, the system design must often allow for restricted space and aesthetic necessities.

In such situations, traditional or raised floors must be suitably equipped to hold even very complex electrical installations. While they are well protected, concealed and nicely hidden away, the cables are at the same time easily accessible from the surface, by means of trunking, floor boxes, junction and distribution boxes and other visible distribution components.

The underfloor trunking may also contain data, telephone and audiovisual signal transmission installations etc., for an even more rationalized system layout.



### What ABB SACE has to offer

During the fitting of underfloor distribution plants, the installer will find the wide range of ABB SACE trunking products extremely useful.

For traditional floors, the Scatoplast system is the best choice, given the fact that it boasts a wide field of application. In one single installation, both single and double-compartment trunkings may be joined, provided with an internal separator to divide different circuits; the single-compartment version is available in the dimensions W 60 and 70 mm x H 30 mm x L 300, 450 and 600 mm, while the double-compartment trunking is supplied with W 70 and 95 mm.

Depending on the system configuration, the trunking may be supplied with riser bends, rigid or flexible joints, boxes and other junction elements.

In compliance with the relevant safety prescriptions and in particular CEI 64-8 Standard, all Scatoplast components are made of self-extinguishing thermoplastic material; the color is RAL 9016 white or RAL 1018 yellow. Mounting is easy, rapid, and risk-free, thanks to the accurate fabrication of each single piece.

ABB SACE's product range for raised floors is just as flexible, and is suitable for the installation of mixed systems. The system includes self-extinguishing thermoplastic trunkings of RAL 9016 white color with circular trimmings at the sides to facilitate the connection of corrugated

## Introduction

### Underfloor distribution, a safe and convenient choice



conduits of a diameter ranging from 20 mm to 32 mm; the dimensions are W 100 and 200 mm x H 60 mm x L 2000 mm.

The trunkings can be supplied with junction boxes, bends, end caps and joint covers. The system may also be integrated with sheet steel trunkings treated with hot dip sendzimir galvanization: they are available in the dimensions W 100, 150, 200, 300, 400 and 500 mm x H 50 mm x L 3000, and may be supplied with 90° and 45° flat corner, couplers, joints, separators, boxes and elements, by means of which any type of corrugated conduit or sheath with a diameter ranging from 16 mm to 40 mm may be shunted.

The protection degree against penetration of solid bodies and liquids is IP40 for all plastic and metal components.

The ABB SACE trunking systems for both raised and traditional floors are

connectable to surface distribution components. In particular, Lusy floor boxes may be added, holding 4 wiring units each; a lamp indicating the position of the floor box when the lights are out is fixed to the front, which may be tilted at various angles. The IMQ mark confirms that all ABB floor boxes conform to CEI 23-73 Standard.

The Undernet floor boxes are designed to contain 12-20 wiring units and devices in installations for both raised and traditional floors: the protection degree between the Undernet boxes and the floor corresponds to IP52. The design of the Lusy floor boxes makes them modern pieces of equipment, while the lid of the Undernet floor boxes, made of stainless steel or to be covered with carpet and linoleum, makes them adaptable to all kinds of environments.





ELOS

## The new ABB wiring accessories series

*Élos awakens the senses  
marking a turning point in  
market trends: forget the old  
habits, now it is possible to opt  
for the soft surfaces and pure  
contours of the Élos lines.*

Élos is the new ABB wiring accessories series for the realization of terminal parts of electrical installations in residential and commercial applications. Thanks to the devices installed in the switchboard or in the consumer unit and the wiring and trunking products, the ABB array of proposals for distribution applications is even more complete, allowing the creation of "state-of-the-art" solutions in terms of quality and technology, as well as being perfectly designed to fit modern surroundings. The series is comprised



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## Introduction

*Élos*

### The new ABB wiring accessories series

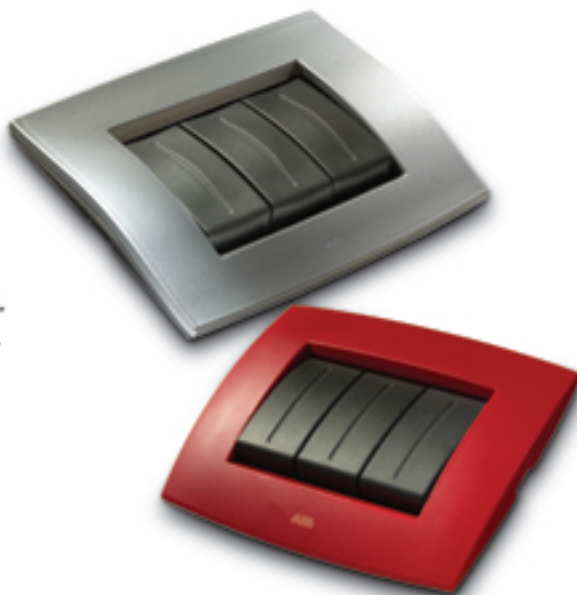
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Their sophisticated, innovative design allows the ABB Élos lines to stand out against every other market proposal. The Élos Soft plates feature a mix of elegance and simplicity in the entire series: a supple lamina rests on an underplate which, just separating it from the wall, lends importance and personality. Fashioned in metal and technopolymer, the Élos Soft plates are available in over 20 colours and in 3, 4 and 6 module versions.

Composed of a single surface in technopolymer, the Élos Smart plates rest on the wall and have such a slender width that the components enclosed within are accentuated to the full. The surface of the anthracite grey switches is organic and curvilinear for Élos Soft, level and essential for Élos Smart; in both versions the switches are distinguished by a vertical line which is perceivable to the touch.



*Élos was selected as one of the best products entered in the Design category of the prestigious Intel Design 2003 “Augusto Morello” award.*





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# Introduction

## Élos

### Components and functions

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1

A wide range of articles are available for each of the two Élos Soft and Élos Smart lines including devices, plates and accessories. For the complete code list, please contact directly ABB SACE.



#### Control devices

Circuit breakers, push buttons, switches, inverters, relays and change-over switches in different versions to configure utility functions and control points in the most flexible and suitable way for each residential and working context.

The range includes devices with warning lights to indicate the status of the controlled utilities or for night-time localizations; articles fitted with a key make it possible to limit their usage according to specific conditions.

The torpedo and ampoule-shaped bulbs for warning light devices must be ordered separately.



#### Sockets

2P+E 10-16 A plug versions for 250V lines are available in Italian and German standards, with safety screens and side/central earth.

The range also includes standard European and American razor sockets, SELV sockets for very low voltage safety utilities and other special sockets. Various types of connectors for telephone and data transmission applications are available complying with the most frequently used and advanced international wiring standards.



#### Key-covers

To identify available functions and connected utilities with different symbols.

These are used to replace the standard keys supplied with control devices.

In 1 and 1/2 module versions.



#### Protection devices

These come into action in the event of overloads, short circuits, power surges and other phenomena that are hazardous for the users and prevent the connected utilities from functioning correctly. They provide protection directly downstream without interfering with the power supply to other points on the electric plant. The devices in the range include the anti-interference filter that can be fitted upstream from utilities that are particularly sensitive to mains interference.

# Introduction

*Elos*

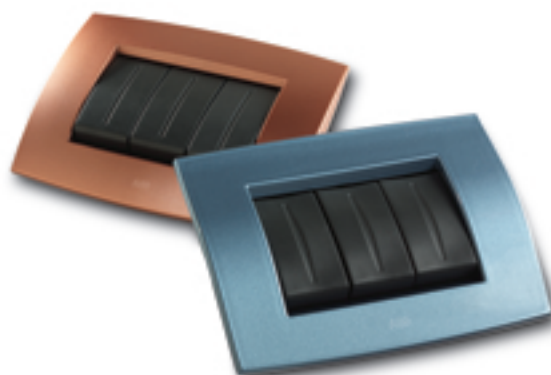
## Components and functions

1



### Warning devices

Warning lights to indicate the functioning status of connected utilities, bells and buzzers (also available in one single device). The path light is used as a courtesy light to illuminate pedestrian paths and areas, for example corridors, garages, cellars etc. The torpedo and ampoule-shaped bulbs fitted to the warning lights must be ordered separately.



### Plate materials, colors and finishes

Élos Soft plates are available in metal and technopolymer with a glossy finish and also in the mica-color version; the metal plates are also supplied with special surface treatments (glossy chrome, brushed steel and natural zama).

Élos Smart plates are made in technopolymer, with mica-color versions and a satin finish.

A 3-module plate measures 121 x 86 x 14 mm for the Élos Soft and 119 x 88 x 13 mm for the Élos Smart.



### Accessories

Complementary articles and spare parts for devices and components in the range are available.



### Installation components

Hole-covers for unused modules and 3, 4, 6, 8 and 12-module supports for installing devices and components in rectangular flush-mounting boxes.



# Introduction

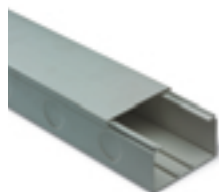
## Overview

### Material

### Plastic trunkings

#### Raised floor

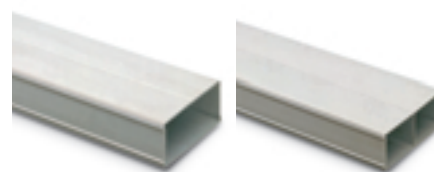
#### Trunking with circular trimming



W (mm)	H (mm)	Code
100	60	43 900
200		43 902

#### Traditional floor

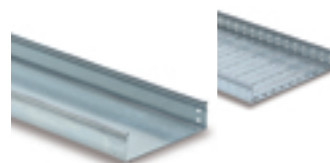
#### Scattoplast trunking system



W (mm)	H (mm)	Single-compartment trunking Length (m)			Double-compartment trunking Length (m)		
		3	4.5	6	3	4.5	6
60		10 001	10 003	10 005	–	–	–
70	30	10 013	10 015	10 017	10 031	10 033	10 035
95		–	–	–	10 043	10 045	10 047

### Metal trunkings

#### Sendzimir-metal trunking



W (mm)	H (mm)	Closed trunking IP40		Punched trunking IP20	
		Code		Code	
100		06 332		06 312	
150		06 333		06 313	
200		06 334		06 314	
300		06 335		06 315	
400		06 336		06 316	
500		06 337		06 317	

### Wire cable trays

For more information about the wire cable trays, please see catalogue 1SLC810001D0901



W (mm)	H (mm)	Sendzimir	Painted sendzimir	GAC * galvanization
		Code	Code	Code
75		1SL9810A00	1SL9816A00	1SL9822A00
100		1SL9811A00	1SL9817A00	1SL9823A00
150		1SL9812A00	1SL9818A00	1SL9824A00
200		1SL9813A00	1SL9819A00	1SL9825A00
300		1SL9814A00	1SL9820A00	1SL9826A00
75		1SL9828A00	1SL9836A00	1SL9844A00
100		1SL9829A00	1SL9837A00	1SL9845A00
150		1SL9830A00	1SL9838A00	1SL9846A00
200		1SL9831A00	1SL9839A00	1SL9847A00
300		1SL9832A00	1SL9840A00	1SL9848A00
400		1SL9833A00	1SL9841A00	1SL9849A00
500		1SL9834A00	1SL9842A00	1SL9850A00
75		1SL9852A00	1SL9860A00	1SL9868A00
100		1SL9853A00	1SL9861A00	1SL9869A00
150		1SL9854A00	1SL9862A00	1SL9870A00
200		1SL9855A00	1SL9863A00	1SL9871A00
300		1SL9856A00	1SL9864A00	1SL9872A00
400		1SL9857A00	1SL9865A00	1SL9873A00
500		1SL9834A00	1SL9866A00	1SL9874A00

\* GAC: hot dip galvanization after fabrication.

# Introduction

## Overview

No. of wiring units

2/4  
wiring units

### Surface-mounted floor boxes

Lusy



W (mm)	H (mm)	D (mm)	No. of wiring units	Code
106	112÷125	110÷120	2	10 505
160	112÷125	110÷120	4	10 506

6  
wiring units

Telec



W (mm)	H (mm)	D (mm)	Application	Color	Code
135	120	125	Electrical	Brown	15 510
135	120	125	Electrical	Grey	10 512
135	120	120	Telephone	Brown	10 511
135	120	120	Telephone	Grey	10 513

8  
wiring units

Concept



W (mm)	H (mm)	D (mm)	Color	Code
155	120	155	Graphite	10 501
155	120	155	Grey	10 502

6/12  
wiring units

### Floor boxes

Undernet



W (mm)	H (mm)	D (mm)	Lid	Code
300	100	235	Hollow	10 902
300	100	235	Steel	10 903

Undernet



W (mm)	H (mm)	D (mm)	Lid	Code
300	100	310	Hollow	10 900
300	100	310	Steel	10 901

12/20  
wiring units

Up to 48  
wiring units

### Desk service units

Aluminium



H (mm)	Code
350	04 870
660	04 871
3000÷4000	04 872

Multivert



H (mm)	Ø (mm)	Code
600	245	10 601

1



## Index

Plastic trunkings H 60 .....	2/2
Sendzimir metal trunkings H 50 .....	2/6
Watertight boxes .....	2/12



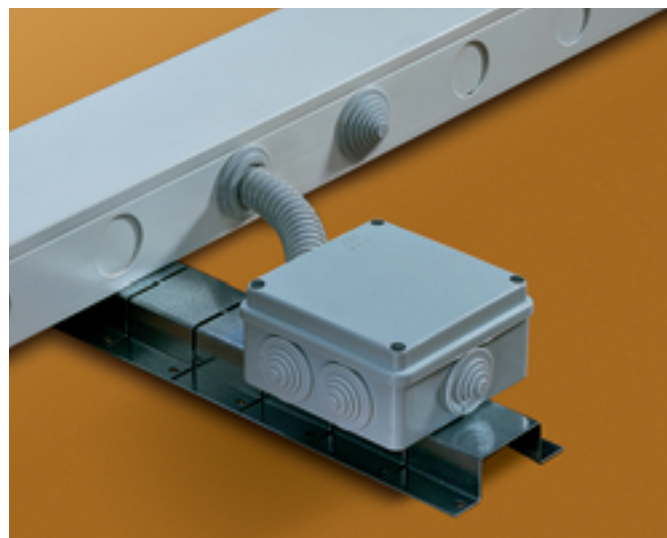
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### Technical characteristics

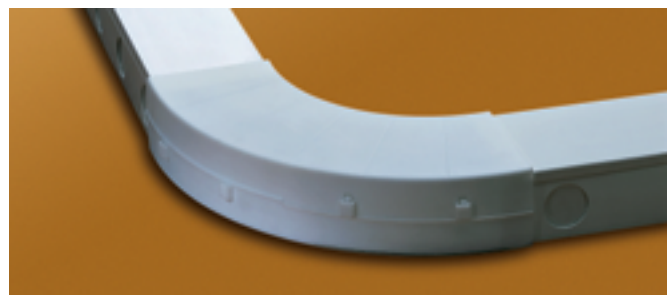
- protection degree IP40
- circular trimmings at the sides for the connection with conduits of a diameter ranging from 16 mm to 32 mm, using cable glands
- trunkings and accessories may be fully inspected removing the cover without having to use any tools
- numerous possibilities of internally separating trunkings and accessories
- connection possible with raised floor sendzimir metal trunkings H 50 and with wall, skirting and above-floor trunking systems
- mounting on special supports that raise the trunkings and accessories 28 mm or 48 mm above the floor
- compliance with CEI 23-32 V1 Standard
- color RAL 9016 white
- shock resistance degree 6 joules
- bars of a standard length of 2 m, with cover

The plastic trunkings presented in this chapter form only part of the ABB SACE range.

For the complete code list, please refer to the catalogue "Plastic and metal trunking systems" (code 604217/011).



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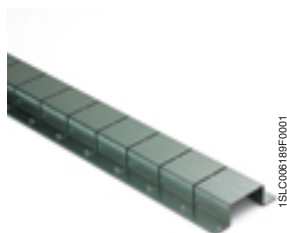
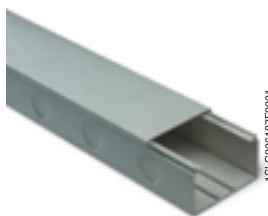
1SLC006004F0001



1SLC006005F0001

# Trunkings for raised floors

## Plastic trunkings H 60



Code	Dimensions WxH (mm)	Box/Pack - Meters
------	---------------------	-------------------

### Trunkings with circular trimmings

43 900	100x60	18
43 902	200x60	8

Circular trimmings for the installation of  $\varnothing$  16 mm to 32 mm conduits, using cable gland code 00 912.

Code	Description	Box/Pack – No. of pieces
------	-------------	--------------------------

### Cable gland for circular trimmings

00 912	For $\varnothing$ 16 mm to 32 mm conduits	50/400
--------	---	--------

Code	Dimensions H (mm)	Box/Pack - Meters
------	-------------------	-------------------

### Plastic divider

43 632	60	2/52
--------	----	------

Code	Dimensions H (mm)	Box/Pack – No. of pieces
------	-------------------	--------------------------

### Universal metal support for trunkings and boxes

06 665	28	4
06 667	48	4

Support H 28 is suitable for passing  $\varnothing$  25 mm conduits underneath the trunkings.

Support H 48 is suitable for passing the most common hydraulic systems underneath the trunkings.

Both versions are supplied in bars of 1 m with trimmings every 50 mm to allow them being cut to size by means of scissors or a cutter.

# Trunkings for raised floors

## Plastic trunkings H 60

2



1SLC00619DF001



1SLC00609DF001



1SLC00609DF001



1SLC00621F001

Code	Dimensions WxH (mm)	Box/Pack – No. of pieces
------	---------------------	--------------------------

### Flat 15° to 90° bend

43 920	100x60	1/20
43 922	200x60	1/8

Pre-cut for 15°, 30°, 45°, 60° and 75° bends.

The bend is provided with a removable internal divider and a cover with snap opening.

Code	Trunking dimensions WxH (mm)	Box/Pack – No. of pieces
------	------------------------------	--------------------------

### End cap

43 405	100x60	20/120
43 408	200x60	20/80

Connection possible with conduits of a  $\varnothing$  ranging from 16 mm to 32 mm, using cable gland code 00 912 (not supplied): guaranteed protection degree IP40.

Connection possible with  $\varnothing$  40 mm conduits, without using cable gland: guaranteed protection degree IP30.

Code	Trunking base (mm)	Box/Pack – No. of pieces
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### Joint cover

43 555	100	20/600
43 566	200	20/240

Code	Trunking dimensions WxH (mm)	Box/Pack – No. of pieces
------	------------------------------	--------------------------

### Flat tee

43 475	100x60	20/120
43 488	200x60	10/140

# Trunkings for raised floors

## Plastic trunkings H 60

2



1SLC006062F0001

Code	Trunking dimensions WxH (mm)	Box/Pack – No. of pieces
------	------------------------------	--------------------------

### Junction box

43 682	100x60 e 200x60	1/4
--------	-----------------	-----



1SLC006063F0001

Code	Dimensions H (mm)	Box/Pack – No. of pieces
------	-------------------	--------------------------

### Straight joint

03 871	60	10/60
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1SLC006064F0001

### Adjustable joint

03 873	60	10/40
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1SLC006066F0001

Code	Box/Pack – No. of pieces
------	--------------------------

### Junction box for above-floor, skirting and dado systems

42 522	1/40
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For connecting underfloor systems with wall or above-floor systems.





1SLC00606F0001

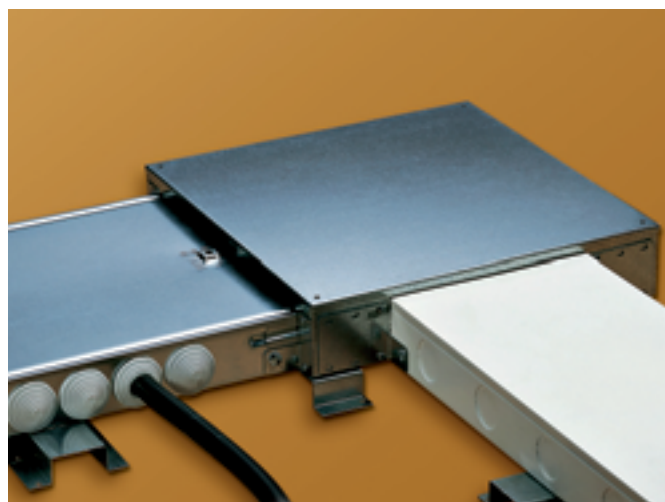
### Technical characteristics

- protection degree IP20 for punched trunkings, and IP40 for closed trunkings (the protection degree refers to the trunkings with their covers mounted)
- trunkings and accessories may be fully inspected removing the cover
- numerous possibilities of internally separate trunkings and accessories
- connection possible with raised floor plastic trunkings H 60, and with wall, skirting and above-floor trunking systems
- mounting on special supports that raise the trunkings and accessories 28 mm or 48 mm above the floor
- IMQ mark according to CEI 23-31 +V1 Standard
- special punching of the trunking, which completely eliminates burrs, guaranteeing maximum safety both for the cables and during installation
- all bends and joints have a wide bending radius (125 mm)
- mechanical accessory assembling system eliminating all welds
- mechanical jointing system guaranteeing electric continuity
- zinc colored
- bars of a standard length of 3 m

The metal trunkings presented in this chapter form only part of the ABB SACE range.

For the complete code list, please refer to the catalogue "Plastic and metal trunking systems"

(code 604217/011).



1SLC006186F0001



1SLC006007F0001

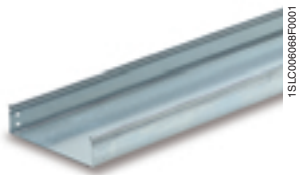


1SLC006008F0001

# Trunkings for raised floors

## Sendzimir-metal trunkings H 50

2



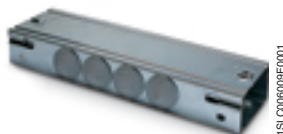
1SLC006068F0001



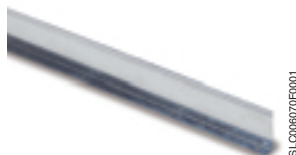
1SLC006067F0001



1SLC006068F0001



1SLC006069F0001



1SLC006070F0001

Code	Trunking base (mm)	Weight (kg/m)	Box/Pack - Meters
------	--------------------	---------------	-------------------

### Closed trunkings IP40\*

06 332	100	1.39	36
06 333	150	1.70	36
06 334	200	2.50	18
06 335	300	3.29	18
06 336	400	4.89	18
06 337	500	5.82	18

### Punched trunkings IP20\*

06 312	100	1.32	36
06 313	150	1.61	36
06 314	200	2.37	18
06 315	300	3.12	18
06 316	400	4.64	18
06 317	500	5.53	18

### Galvanized cover for trunkings IP20 and IP40

07 242	100	0.69	48
07 243	150	0.92	48
07 244	200	1.16	36
07 245	300	2.16	36
07 246	400	2.79	30
07 247	500	3.48	24

\* The protection degree refers to the trunkings with their covers mounted.

Code	Trunking base (mm)	Box/Pack – No. of pieces
------	--------------------	--------------------------

### Junction element with conduits, sheaths and cables

06 432	100	4
06 433	150	4
06 434	200	3
06 435	300	2

For the junction with conduits, sheaths and cables with a  $\varnothing$  of up to 32 mm; protection degree IP40.

Code	Dimensions H (mm)	Box/Pack - Meters
------	-------------------	-------------------

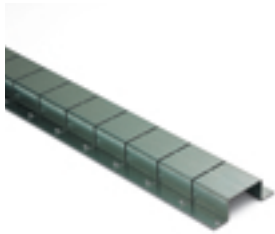
### Galvanized divider

06 652	50	20
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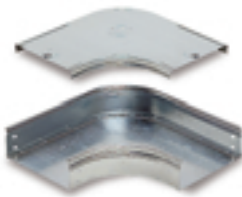
# Trunkings for raised floors

## Sendzimir-metal trunkings H 50

2



1SLC006188F001



1SLC006071F001



1SLC006072F001

Code	Dimensions H (mm)	Box/Pack – No. of pieces
------	-------------------	--------------------------

### Universal metal support for trunkings and boxes

06 665	28	4
06 667	48	4

Support H 28 is suitable for passing ø 25 mm conduits underneath the trunkings.

Version H 48 is suitable for passing the most common hydraulic systems underneath the trunkings.

Both versions are supplied in bars of 1 m with trimmings every 50 mm to allow them being cut to size by means of scissors or a cutter.

Code	Trunking base (mm)	Box/Pack – No. of pieces
------	--------------------	--------------------------

### 90° flat corner

#### Base

06 352	100	8
06 353	150	8
06 354	200	4
06 355	300	4
06 356	400	2
06 357	500	2

#### Cover

06 362	100	8
06 363	150	8
06 364	200	4
06 365	300	4
06 366	400	2
06 367	500	2

### 45° flat corner

#### Base

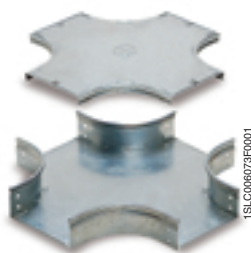
06 372	100	8
06 373	150	4
06 374	200	4
06 375	300	4
06 376	400	2
06 377	500	2

#### Cover

06 382	100	8
06 383	150	4
06 384	200	4
06 385	300	4
06 386	400	2
06 387	500	2

# Trunkings for raised floors

## Sendzimir-metal trunkings H 50



Code	Trunking base (mm)	Box/Pack – No. of pieces
------	--------------------	--------------------------

### Flat tee

#### Base

06 392	100	4
06 393	150	4
06 394	200	4
06 395	300	2
06 396	400	2
06 397	500	2

#### Cover

06 402	100	4
06 403	150	4
06 404	200	4
06 405	300	4
06 406	400	2
06 407	500	2

### Flat crossover

#### Base

06 412	100	4
06 413	150	4
06 414	200	2
06 415	300	2
06 416	400	2
06 417	500	2

#### Cover

06 422	100	4
06 423	150	4
06 424	200	2
06 425	300	2
06 426	400	2
06 427	500	2

### End cap

06 542	100	4
06 543	150	4
06 544	200	4
06 545	300	4
06 546	400	4
06 547	500	4



# Trunkings for raised floors

## Sendzimir-metal trunkings H 50



1SLC006203F0001

### Galvanized junction box

Code	Trunking base (mm)	Box/Pack – No. of pieces
------	--------------------	--------------------------

06 660	da 100 a 300	1
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For a complete separation between electrical and data/telephone circuits. Supplied with 8 flanges for metal and plastic trunkings and 3 blind flanges.  
For the connection with metal trunkings H 50 and plastic trunkings 100x60 mm/200x60 mm.

2



1SLC006075F0001

### Left reducer

Code	Reduction (mm)	Box/Pack – No. of pieces
06 602	50	4
06 603	100	4
06 604	150	4
06 605	200	4

### Right reducer

Code	Reduction (mm)	Box/Pack – No. of pieces
06 612	50	4
06 613	100	4
06 614	150	4
06 615	200	4



1SLC006075F0001



1SLC006075F0001

Code	Dimensions L (mm)	Box/Pack – No. of pieces
------	-------------------	--------------------------

### Mechanical joint for trunkings

06 642	180	30
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Guarantees electric continuity.  
Consists of 2 plates including screws and nuts.

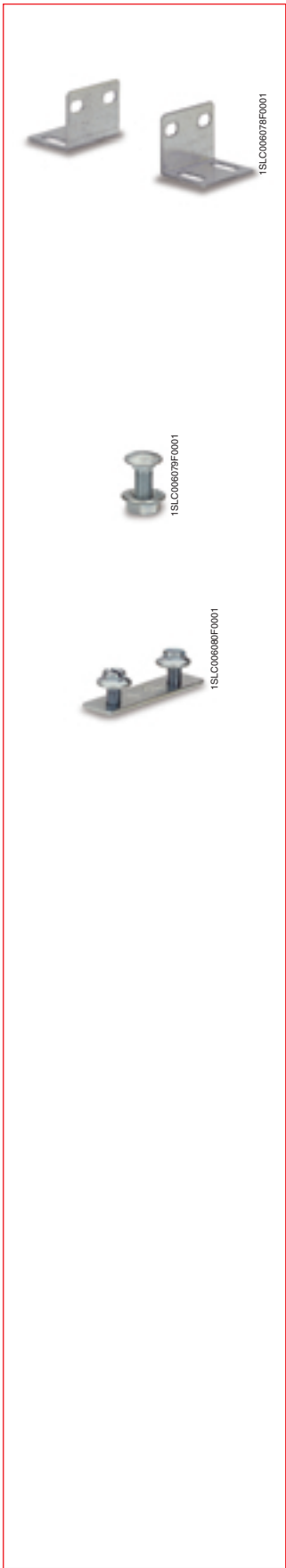
### Mechanical joint for accessories

06 643	80	30
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Guarantees electric continuity.  
Consists of 2 plates including screws and nuts.

# Trunkings for raised floors

## Sendzimir-metal trunkings H 50



Code	Box/Pack – No. of pieces
------	--------------------------

### Flange for fastening to switchboard

06 646	25
--------	----

Consists of 2 plates including screws and nuts.

Code	Description	Box/Pack – No. of pieces
------	-------------	--------------------------

### Screw and nut

07 848	Roundheaded M6x10 screw with nut	100/2400
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### Earth staple

07 850	Staple complete with 2 M6x10 screws	50/1200
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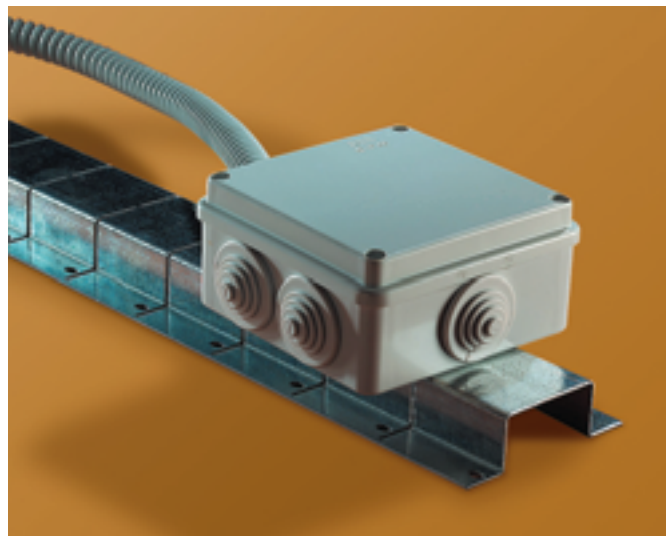
1SLC000011F0001

### Technical characteristics

- protection degree IP44 for boxes with press-on lid, and IP55 for boxes with screw-on lid
- insulation class II  $\square$
- color RAL 7035 grey
- shock resistance 6 joules
- resistance to chemical and atmospheric agents
- press-on lids and lids that may be screwed on using stainless steel, loss-proof screws, made of thermoplastic material with 1/4 turn screws
- according to a patented process, lid and seal of the boxes with protection degree IP55 are fabricated together in one single molding process
- box base suitable for placing terminal boards and accessories into the corresponding seats
- compliance with CEI 23-48 and IEC 670 Standards
- mounting on special supports that raise the trunkings and accessories 28 mm or 48 mm above the floor
- IMQ mark according to CEI 23-48 Standard

The watertight boxes presented in this chapter form only part of the ABB SACE range.

For the complete code list, please refer to the catalogue "Insulating enclosures" (code 1SLC001001D0201).



1SLC000011F0001



1SLC000011F0001

# Trunkings for raised floors

## Watertight boxes

2



Code	Internal dim. WxHxD (mm)	Description	Box/Pack – No. of items
------	--------------------------	-------------	-------------------------

### IP44 boxes <sup>(1)</sup>

00 800	ø 60 - H 35	With cable glands and press-on lid	240/240
00 802	ø 80 - H 40	With cable glands and press-on lid	144/144
00 808	65x32x65	With cable glands and press-on lid	168/168
00 810	80x40x80	With cable glands and press-on lid	100/100

### IP55 watertight boxes with steel screws

00 816	100x100x50	With cable glands and low cover grey RAL 7035	1/54
00 820	105x70x50	With cable glands and low cover grey RAL 7035	1/70
00 821	100x100x80	With cable glands and low cover grey RAL 7035	1/40
00 822	153x110x66	With cable glands and low cover grey RAL 7035	1/32
00 846	100x100x50	With smooth sides and low cover grey RAL 7035	1/60
00 850	105x70x50	With smooth sides and low cover grey RAL 7035	1/100
00 851	100x100x80	With smooth sides and low cover grey RAL 7035	1/40
00 852	153x110x66	With smooth sides and low cover grey RAL 7035	1/32
00 872	153x110x66	With smooth sides and low transparent cover	1/32

### IP55 watertight boxes with 1/4 turn plastic screws

1SL0816A00	100x100x50	With cable glands and low cover grey RAL 7035	1/54
1SL0820A00	105x70x50	With cable glands and low cover grey RAL 7035	1/70
1SL0821A00	100x100x80	With cable glands and low cover grey RAL 7035	1/40
1SL0822A00	153x110x66	With cable glands and low cover grey RAL 7035	1/32
1SL0824A00 <sup>(2)</sup>	160x135x77	With cable glands and low cover grey RAL 7035	1/18
1SL0826A00 <sup>(2)</sup>	220x170x80	With cable glands and low cover grey RAL 7035	1/12
1SL0828A00 <sup>(2)</sup>	310x240x110	With cable glands and low cover grey RAL 7035	1/6
1SL0846A00	100x100x50	With smooth sides and low cover grey RAL 7035	1/60
1SL0850A00	105x70x50	With smooth sides and low cover grey RAL 7035	1/100
1SL0851A00	100x100x80	With smooth sides and low cover grey RAL 7035	1/40
1SL0852A00	153x110x66	With smooth sides and low cover grey RAL 7035	1/32
1SL0854A00 <sup>(2)</sup>	160x135x77	With smooth sides and low cover grey RAL 7035	1/24
1SL0856A00 <sup>(2)</sup>	220x170x80	With smooth sides and low cover grey RAL 7035	1/12
1SL0858A00 <sup>(2)</sup>	310x240x110	With smooth sides and low cover grey RAL 7035	1/6
1SL0872A00	153x110x66	With smooth sides and low transparent cover	1/34
1SL0874A00 <sup>(2)</sup>	160x135x77	With smooth sides and low transparent cover	1/24
1SL0876A00 <sup>(2)</sup>	220x170x80	With smooth sides and low transparent cover	1/12
1SL0878A00 <sup>(2)</sup>	310x240x110	With smooth sides and low transparent cover	1/6
1SL0830A00	160x135x150	With cable glands and high cover grey RAL 7035	1/16
1SL0832A00	220x170x80	With cable glands and high cover grey RAL 7035	1/8
1SL0834A00	310x240x160	With cable glands and high cover grey RAL 7035	1/4
1SL0860A00	160x135x150	With smooth sides and high cover grey RAL 7035	1/16
1SL0862A00	220x170x150	With smooth sides and high cover grey RAL 7035	1/8
1SL0864A00	310x240x160	With smooth sides and high cover grey RAL 7035	1/4
1SL0880A00 <sup>(2)</sup>	160x135x150	With smooth sides and high transparent cover	1/16
1SL0882A00 <sup>(2)</sup>	220x170x150	With smooth sides and high transparent cover	1/8
1SL0884A00 <sup>(2)</sup>	310x240x160	With smooth sides and high transparent cover	1/4

<sup>(1)</sup> On request they are also available in the self-extinguishing version in compliance with UL 94 VO standard and resistant to abnormal heat and fire up to 960 °C in compliance with IEC 60695-2-1 standard

<sup>(2)</sup> Also for wall-mounting with wall fixing brackets (cod. 12 858)



# Trunkings for raised floors

## Watertight boxes

2



1SLC006038F0001



1SLC006095F0001



1SLC006091F0001



1SLC006092F0001

Code	For conduits ø (mm)	Box/Pack – No. of pieces
------	---------------------	--------------------------

### Cable gland

00 908	20	100/1500
00 910	25	100/1000
00 912	32	50/400

### Conduit-box coupler

00 420	16	500
00 421	20	300
00 422	25	250
00 423	32	150
00 424	40	50
00 425	50	50

### Conduit clamp

00 430	16	500
00 431	20	300
00 432	25	150
00 433	32	100
00 434	40	50
00 435	50	50

Code	Pitch (µg)	Box/Pack – No. of pieces
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### Cable gland

00 931	9	100/600
00 932	11	100/600
00 933	13.5	50/600
00 934	16	50/300
00 935	21	50/300
00 936	29	25/150
00 937	36	25/75
00 938	42	15/60

# Trunkings for raised floors

## Watertight boxes



1SLC006093F0001



1SLC006094F0001

Code	For cables ø min./max. (mm)	Box/Pack – No. of pieces
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### Nut for cable gland

00 941	5/8	100/3000
00 942	7/10	100/3000
00 943	9/13	50/1500
00 944	13/16	50/1500
00 945	17/20	50/1500
00 946	21/26	50/600
00 947	30/34	25/300
00 948	40/43	25/300

Code	ø (mm)	Box/Pack – No. of pieces
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### Coupler

13 874	23	100/500
13 875	28.5	100/400
13 876	37	100/200

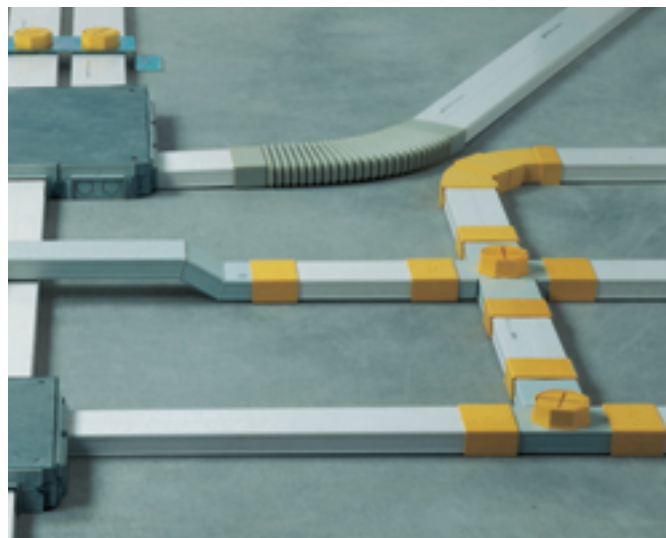


## Index

Scattoplast trunking system .....	3/2
Junction boxes for the Scattoplast system .....	3/6

1SLC006014F0001

3



1SLC006172F0001



1SLC006173F0001



1SLC006015F0001

### Technical characteristics

- trunking system suitable for installation in concrete slab
- even installation in raised floors possible
- connection with wall, skirting and above-floor trunking systems possible
- snap-on installation of junction cable glands onto trunking possible
- connection with corrugated conduits by using the apposite junction boxes that may be snap-installed onto the trunking
- possibility of ordering punched trunkings for holding the cable glands
- compliance with CEI 64-8 Standard
- color RAL 9016 white and RAL 1018 yellow
- bars of a length of 3, 4, 5 or 6 m



# Trunkings for traditional floors

## Scattoplast trunking system

3



1SLC006040F0001



1SLC006038F0001



1SLC006041F0001



1SLC006042F0001

Code	Dimensions WxH (mm)	L (m)	Box/Pack – Meters
------	---------------------	-------	-------------------

### Single-compartment trunkings

10 001	60x30	3	54
10 003	60x30	4.5	27
10 005	60x30	6	36
10 013	70x30	3	54
10 015	70x30	4.5	27
10 017	70x30	6	36

### Double-compartment trunkings

10 031	70x30	3	54
10 033	70x30	4.5	27
10 035	70x30	6	36
10 043	95x30	3	39
10 045	95x30	4.5	27
10 047	95x30	6	36

On request, it is possible to order the trunkings already punched for holding the cable glands.

Code	Dimensions WxH (mm)	Box/Pack – No. of pieces
------	---------------------	--------------------------

### 90° riser bend for wall

#### For single-compartment trunkings

10 110	60x30	50
10 111	70x30	35

#### For double-compartment trunkings

10 112	70x30	35
10 113	95x30	30

For the connection of underfloor trunkings with wall trunkings.

Code	Trunking WxH (mm)	Length/Elevation (mm)	Box/Pack – No. of pieces
------	-------------------	-----------------------	--------------------------

### Trunking flyover

#### For single-compartment trunkings

10 115	60x30	165/30	35
10 116	70x30	165/30	42
10 117	60x30	235/30	30
10 118	70x30	385/30	12

#### For double-compartment trunkings

10 119	70x30	165/30	40
10 122	95x30	165/30	32
10 120	70x30	235/35	30
10 121	70x30	385/35	15
10 123	95x30	235/30	28
10 124	95x30	385/35	8

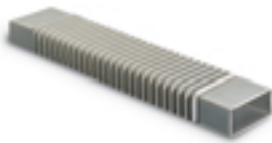
For changing height and passing over trunkings when they cross without any connection between the lines.

N.B. Use trunkings with an elevation of 30 mm to pass over Scattoplast trunkings, and trunkings with an elevation of 35 mm for the connection with junction boxes codes 10 163 and 10 164.

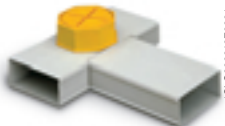
# Trunkings for traditional floors

## Scattoplast trunking system

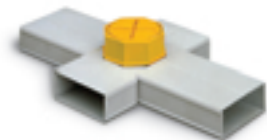
3



1SLC008044F0001



1SLC008046F0001



1SLC008047F0001



1SLC008048F0001

Code	Trunking WxH (mm)	Box/Pack – No. of pieces
------	-------------------	--------------------------

### Flexible joints

10 157	70x30	10
10 158	95x30	10

For the use in areas that are subject to anti-earthquake laws.

For a translation of approx. 60°. Can be connected to jointing elements codes 10 101, 10 102 and 10 103.

### Coupler

10 101	60x30	22/88
10 102	70x30	20/80
10 103	95x30	15/60

Provided with central choke to recover the thickness of the trunking.

### 45° flat angle bend

10 105	60x30	8/32
10 106*	70x30	8/32
10 107*	95x30	6/24

\* With removable separator

May be coupled to obtain flat 90° bends.

### Flat tee

#### For single-compartment trunkings

10 145	60x30	16
10 146	70x30	14

#### For double-compartment trunkings

10 147	70x30	16
10 148	95x30	12

Supplied with cable gland and cap.

The overall height is 55 mm.

### Flat crossover

#### For single-compartment trunkings

10 150	60x30	8
10 151	70x30	8

#### For double-compartment trunkings

10 152	70x30	8
10 153	95x30	8

Supplied with cable gland and end cap.

The overall height is 55 mm.

### End cap

10 130	60x30	44/176
10 131	70x30	40/160
10 132	95x30	30/120

Used to avoid water and dust penetrating the trunking.

For a connection with 2 flexible ø 25 mm conduits.

# Trunkings for traditional floors

## Scattoplast trunking system



1SLC006049F0001



1SLC006055F0001



1SLC006051F0001



1SLC006052F0001



1SLC006053F0001

Code	Trunking WxH (mm)	Box/Pack – No. of pieces
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### Junction or distribution box

10 155	60x30	6/24
10 156	70x30	24

Trunking inlet and lateral outlet with  $\varnothing$  20 mm corrugated conduit.  
The height of the cable gland is 25 mm.

Code	Trunking WxH (mm)/Description
------	-------------------------------

### Rapid-mounting cable gland

10 135	60x30	16/64
10 139	70x30	16/64
10 140	95x30	12/48
10 136	spare cap	90/360

Snap-on mounting onto trunking in floor junctions. Supplied with cap code 10 136.  
Internal 2" GAS thread, overall height 22 mm.

Code	Trunking WxH (mm)	Extension H	Box/Pack – No. of pieces
------	-------------------	-------------	--------------------------

### Extension for rapid-mounting cable gland

10 137	70x30	18	20/80
10 138	95x30	30	15/60

It is possible to increase the height by 10 mm, adjusting the thread.

Code	Trunking WxH (mm)	Box/Pack – No. of pieces
------	-------------------	--------------------------

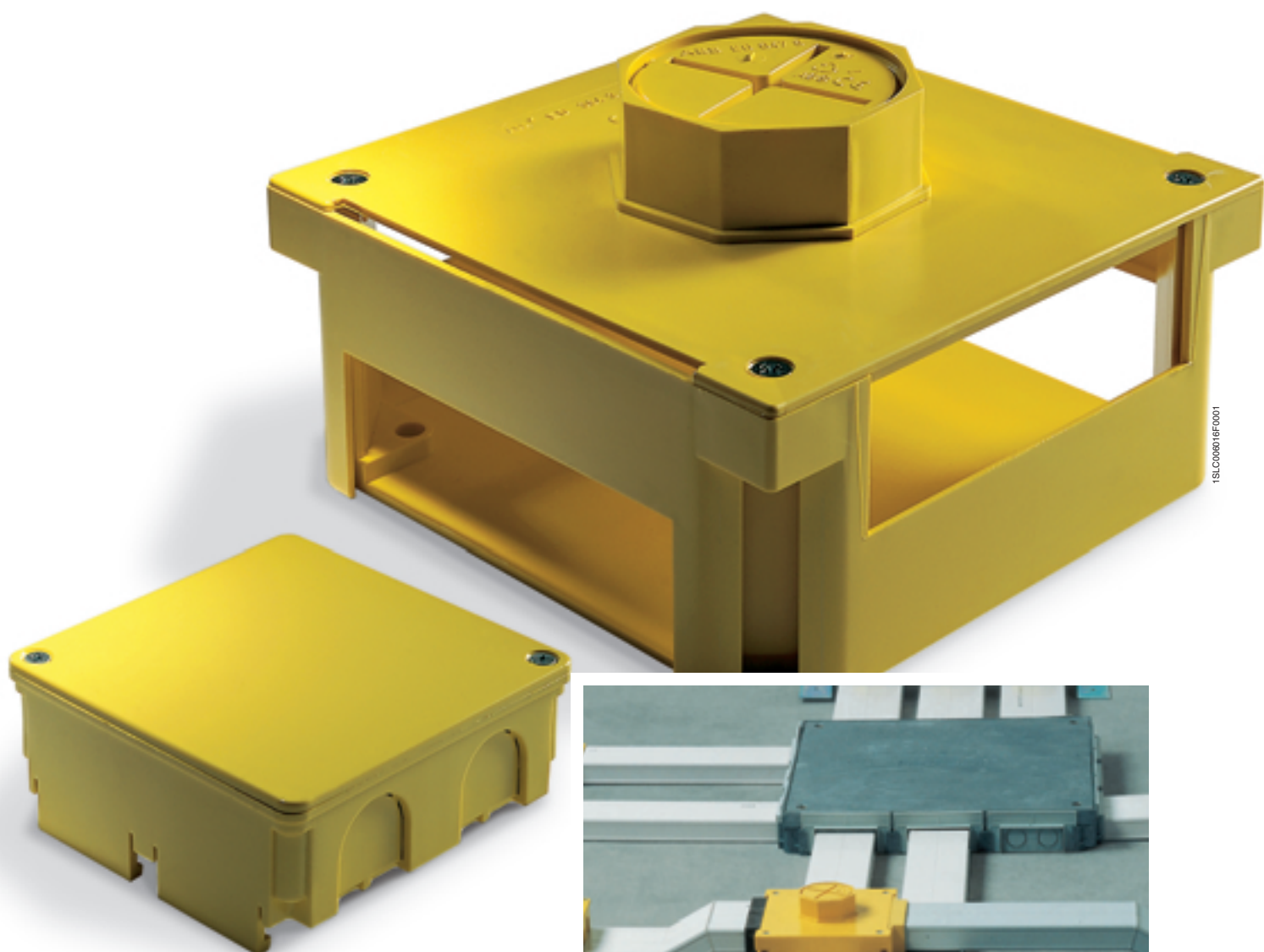
### Cable gland with cap

10 141	95x30	20/80
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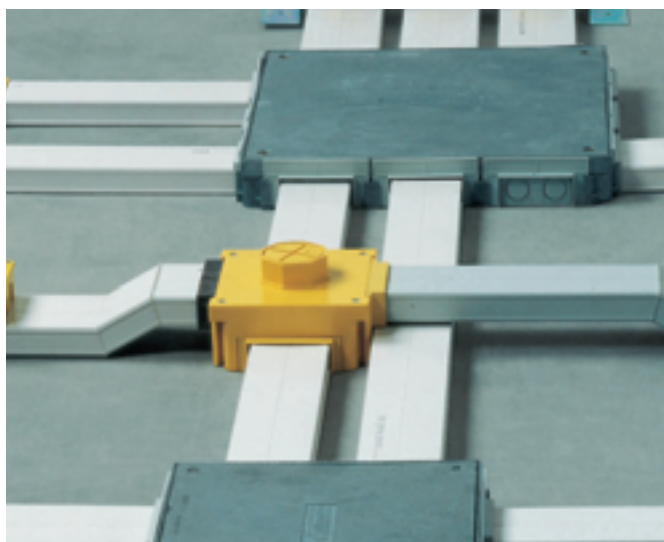
Code	Description	Box/Pack – No. of pieces
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### Accessories and tools

10 180	Zinc-plated steel spacer for trunkings with a 118 mm interaxis	1/8
10 181	Neutral plastic cap for cable glands	24/96
10 182	Ochre plastic cap for cable glands	24/96
10 183	Green plastic cap for cable glands	24/94
10 184	Satin-finished shiny-metal brass-colored cap for cable glands	6/72
10 185	Satin-finished shiny-metal aluminium-colored cap for cable glands	6/72
10 188	$\varnothing$ 2 mm cutter for punching of trunkings	1/30
10 187	Tool for mounting caps codes 10 181, 10 182, 10 183, 10 184 and 10 185	1/20
10 186	Tool for mounting cap code 10 136	1



1SLC006016F0001



1SLC006172F0001



1SLC006172F0001

### Technical characteristics

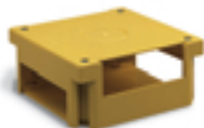
- compliance with CEI 64-8 Standard
- connection with flexible and corrugated conduits possible
- color RAL 1018 yellow



# Trunkings for traditional floors

## Junction boxes for Scattoplast system

3



1SLC006057F0001



1SLC006057F0001



1SLC006057F0001



1SLC006058F0001

Code	Dimensions WxH (mm)/Description	Box/Pack – Meters
------	---------------------------------	-------------------

### Floor junction box

10 163	150x65x150/for raised floors	9
10 164	150x90x150/for traditional floors	9

Both versions are supplied with a joint for longitudinal or diagonal connection.

Code	Trunking WxH (mm)	Dimensions WxHxD (mm)/Description	Box/Pack – No. of pieces
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### Floor junction box

10 162	70x30/95x30	250x61x150/primary junction	9
10 160	70x30	150x90x150/secondary junction*	12/48
10 161	95x30	95x34x95/secondary junction*	50

\* Snap-on mounting onto trunking; outlet for ø 20 mm conduit.

Code	Dimensions WxH/Conduit (mm)	Box/Pack – No. of pieces
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### Bulkheads

10 165	70x30/ø 25	45/180
10 166	95x30/ø 25	45/180

For insertion into boxes codes 10 163 and 10164.



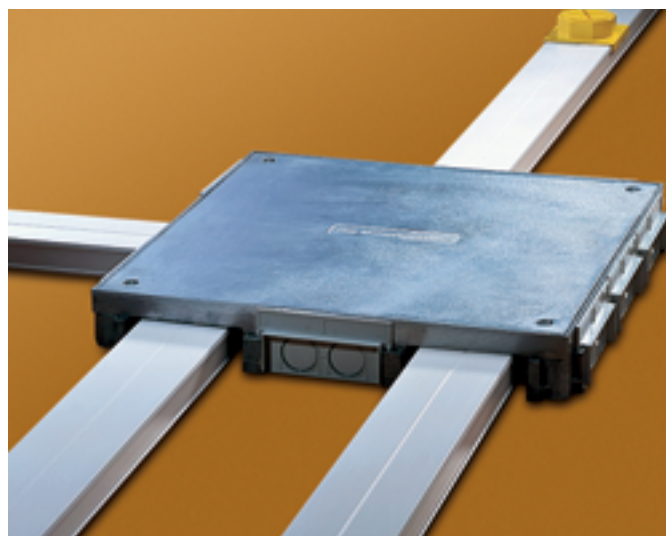
## **Index**

Silumin boxes .....	4/2
Metal series boxes .....	4/4
Multiplast boxes .....	4/6

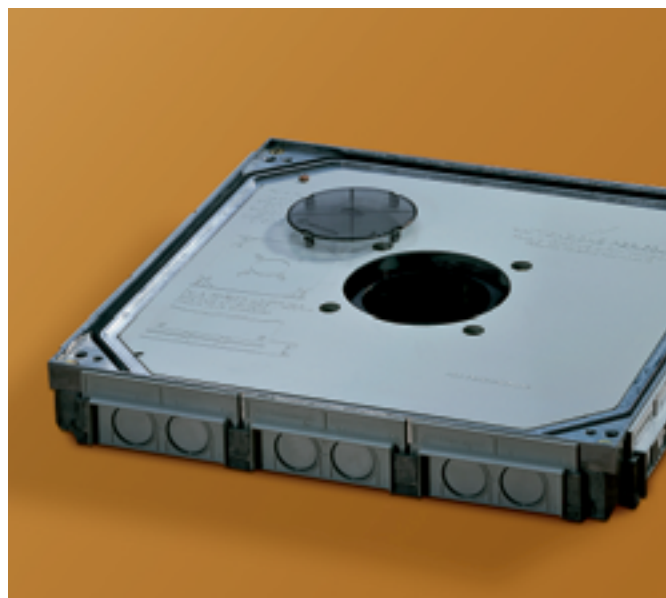
1SLC008019F0001



4



1SLC008019F0001



1SLC008019F0001

### Technical characteristics

- protection degree IP52
- compliance with CEI 64-8 Standard
- connection possible with all trunkings of the Scattoplast system and with corrugated  $\varnothing$  25 mm and 32 mm conduits, thanks to the bulkheads included in the supply
- internal transparent plastic separator
- convenient leveling of the boxes, thanks to their adjustable height (10 mm or 20 mm depending on the item)
- final lid for applications with carpet and linoleum
- hollow lid for applications with marble, tiles, parquet
- separate inspection of electrical and data/telephone circuits possible

# Distribution and junction boxes

## Silumin boxes



1SLC000697F0001



1SLC000698F0001



1SLC000696F0001



1SLC000696F0001

Code	Dimensions WxHxD (mm)	Box/Pack – No. of pieces
------	-----------------------	--------------------------

### Boxes

10 170	400x57÷67x400	5
10 171	270x55÷70x270	5

Supplied with final lid for applications with carpet and linoleum, with adjustment screw for leveling (H 55-70 mm for codes 10 171, and H 57-67 mm for code 10 170) and with internal circuit separator.

The box code 10 170 is provided with 4 lateral bulkheads with 3 inlets for ø 25 and 30 mm conduits and Scattoplast trunkings of 60x30, 70x30 and 95x30 mm; interaxis = 118 mm.

The box code 10 171 is provided with 4 lateral bulkheads with 2 inlets for ø 25 and 30 mm conduits and Scattoplast trunkings of 70x30 and 95x30 mm; interaxis = 100 mm.

Code	External/internal dimensions WxHxD (mm)	Material	Box/Pack – No. of pieces
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### Frame

#### For box 10 170

10 178	410x410/347x347	aluminium	1/5
10 179	410x410/347x347	brass	1/5

#### For box 10 171

10 176	282x282/240x240	brass	1/5
10 177	282x282/240x240	aluminium	1/5

Used to finish off carpet and linoleum floors. Supplied with fastening screws.

Code	H (mm)	Depth of hollow (mm)	Box/Pack – No. of pieces
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### Hollow lid

#### For box 10 170

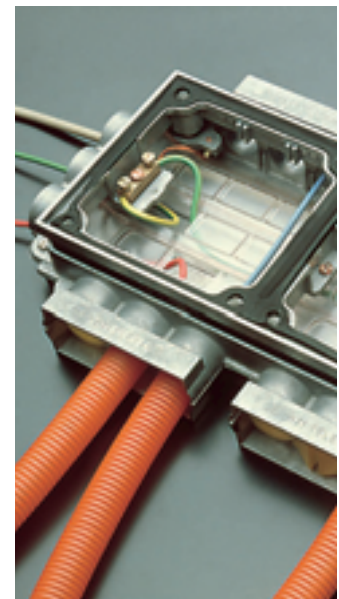
10 172	13	8	1/8
10 173	27	23	1/8

#### For box 10 171

10 174	13	8	1/20
10 175	27	23	1/10

Used to finish off marble, tiled and parquet floors.





### Technical characteristics

- compliance with CEI 64-8 Standard
- connection with all Lusy, Concept and Telec floor boxes possible
- inlets for the connection of Scattoplast trunkings of 70x30 mm and of corrugated  $\varnothing$  25 mm conduits, without using tools
- convenient leveling of the box, thanks to its adjustable height from 50 to 60 mm
- separation of electrical and data/telephone circuits
- compliance with Telecom requirements
- ministerial approval ASST No. IT/90/TF/581

# Distribution and junction boxes

## Metal series boxes



1SLC006099F0001



1SLC006108F0001



1SLC006101F0001

Code	Dimensions WxHxD (mm)	Box/Pack – No. of pieces
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### Boxes

10 401	300x50÷60x180	1/10
--------	---------------	------

Supplied with internal circuit separator, semi-lid and caps for closing any unused holes.  
The lateral inlets are suitable for a connection with ø 25 mm conduits and with Scattoplast trunkings of 70x30 mm; the counter-frame is adjustable (H 50-60 mm).  
Interaxis = 110 mm.

Code	Description	Box/Pack – No. of pieces
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### Final lid for disabled boxes

10 411	3 mm deep hollow and wire-covering edges	10/40
10 412	flat surface	20/80

Two required for each box; supplied together with an earth screw and 4 fastening screws.  
The lid code 10 411 is used to finish off marble and tiled floors, while the lid code 10 412 is suitable for finishing off carpet or linoleum floors.

Code	Description	Dimensions WxH (mm)	Box/Pack – No. of pieces
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### Wire-covering plate for disabled boxes

10 413	Matt satin-finished brass	257x137	10/40
10 414	Shiny satin-finished steel	257x137	10/40

Used together with lids 10 412 to finish off carpet, marble and tiled floors: one plate per box is sufficient.  
Supplied together with screws for fastening to the boxes.



### Technical characteristics

- protection degree IP52
- compliance with CEI 64-8 Standard
- installation in raised floors
- connection possible with Scattoplast trunkings of 70x30 mm and 95x30 mm, and with corrugated  $\varnothing$  25 mm and 32 mm conduits, thanks to the apposite plates provided with inlet trimmings
- internal circuit separator
- installation on DIN rails and terminal boards possible; fastening by means of self-tapping screws
- color RAL 1018 yellow
- ministerial approval ASST No. IT/91/TF/034

# Distribution and junction boxes

## Multiplast boxes



1SLC006103F0001



1SLC006103F0001



1SLC006104F0001



1SLC006105F0001



1SLC006106F0001

Code	Dimensions WxHxD (mm)	Box/Pack – No. of pieces
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### Boxes

10 301	212x116x160	1/11
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Supplied with internal circuit separator and snap-on lid with 4 screws.

The lateral inlets are suitable for a connection with ø 25 mm and 32 mm conduits and with Scattoplast trunkings of 70x30 mm and 95x30 mm.

Code	Box/Pack – No. of pieces
------	--------------------------

### Frames for minor side (2 for each floor box)

#### For electric devices, interaxis 83.5 mm

10 311	48/192
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For installing 3 modular units or 2 Schuko sockets.

#### For EDP sockets (IBM, BNC, Cannon)

10 312	24/96
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Bracket code 10 552 must be used for Cannon sockets.

#### For trunkings

10 319	18/72
10 320	18/72

Code 10 319 is suitable for Scattoplast trunkings of 70x30 mm and/or ø 32 mm corrugated conduits.

Code 10 320 is suitable for Scattoplast trunkings of 95x30 mm and/or ø 32 mm corrugated conduits.

#### For 6-pole socket

10 326	48/192
--------	--------

# Distribution and junction boxes

## Multiplast boxes

4



1SLC006107F0001



1SLC006109F0001



1SLC006109F0001



1SLC006110F0001



1SLC006111F0001



1SLC006112F0001



1SLC006113F0001

Code

Box/Pack – No. of pieces

### Blank plate for minor side

10 323

48/192

### Frames for major side (4 for each box)

#### For telephone sockets and electric devices

10 313

16/64

For the installation of two modular units, one telephone socket or one Schuko socket of the Busch-E 2000 series.

#### For trunkings

10 317

24/96

For Scattoplast trunkings of 70x30 mm and/or corrugated ø 25 mm conduits.

#### For 6-pole socket

10 325

48/192

#### For EDP sockets

10 314

24/96

10 315

48/192

Code 10 314 is suitable for BNC/IBM EDP sockets.

Code 10 315 is suitable for Cannon/BNC EDP sockets; for Cannon EDP sockets, bracket code 10 552 must be used.

#### For TNT/RK45 telephone sockets

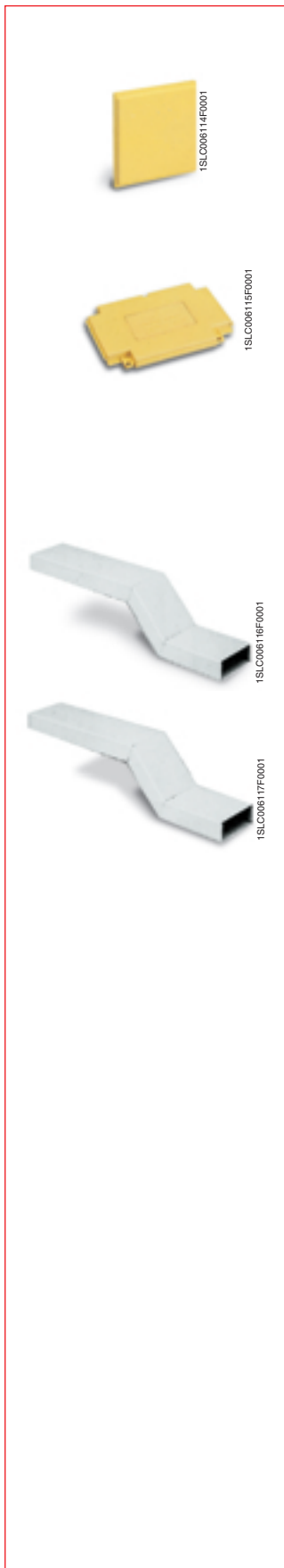
10 316

48/192



# Distribution and junction boxes

## Multiplast boxes



Code	Box/Pack – No. of pieces
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### Small blank plate for major side

10 322	48/192
--------	--------

### Protection for electric services

10 324	18/72
--------	-------

Code	Trunking WxH (mm)	Length/Elevation (mm)	Color	Box/Pack – No. of pieces
------	-------------------	-----------------------	-------	--------------------------

### Coupler for trunkings

10 318	70x30	400/65	white	1/9
10 321	95x30	400/65	white	1/10

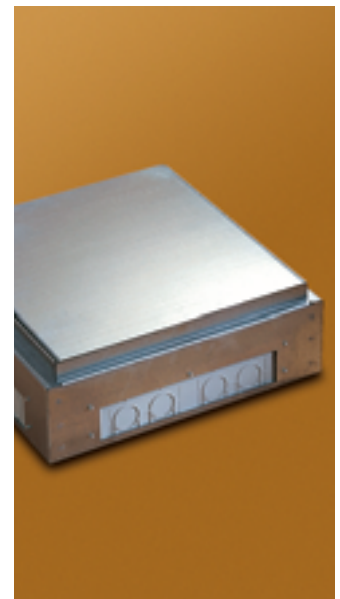
## Index

Undernet floor boxes .....	5/2
Lusy floor boxes .....	5/6
Concept floor boxes .....	5/8
Telec floor boxes .....	5/10
Multivert desk service units .....	5/14
Aluminium desk service units .....	5/16



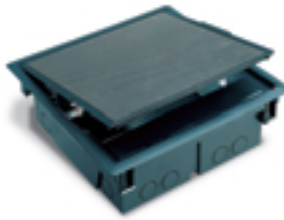
### Technical characteristics

- protection degree IP52 between box and floor, ensured by loss-proof seal
- protection degree IP4x at rim of the lid, and IP2x at cable inlets
- resistance of the lid higher than 1500 N, according to DIN VDE 0364 Standards
- hollow lid (5 mm deep hollow) for the application of carpet or linoleum, and anti-slip square-patterned lid with stainless-steel finish
- axis for unit insertion angled by 15° for easier connection of the appliances
- resistance to chemical agents contained in the most common detergents on the market
- installation in raised and traditional floors, using flush-mounting metal box
- compliance with CEI 64-8 Standard
- color RAL 7021 dark grey
- it is possible to install Élos wiring accessories

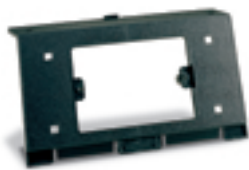


# Floor boxes

## Undernet floor boxes



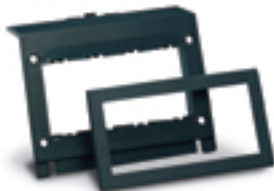
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1SLC00612FF0001



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Code	WxHxD/Slot (mm)/Description	Box/Pack – No. of pieces
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### Undernet floor box for 10 devices

10 902	300x100x235/275x211/hollow lid 5 mm	1
10 903	300x100x235/275x211/stainless-steel lid	1

Each floor box can be provided with 2 additional supports (not supplied with the product) for holding up to 12 devices.

### Undernet floor box for 16 devices

10 900	300x100x310/275x287/hollow lid	1
10 901	300x100x310/275x287/stainless-steel lid	1

Each floor box can be provided with 4 supports (not supplied with the product) for holding up to 20 devices.

Code	Number/Type of device	Box/Pack – No. of pieces
------	-----------------------	--------------------------

### Universal supports

#### Floor box for 10 devices

10 918	3/Universal (interaxis = 83.5 mm)	6/24
10 919	4/Universal (interaxis = 108 mm)	6/24
10 920	5/Universal (interaxis = 132 mm)	6/24

#### Floor box for 16 devices

10 910	3/Universal (interaxis = 83.5 mm)	6/24
--------	-----------------------------------	------

The universal supports must be provided with a frame and finishing plate that are suitable for the type of device to be installed.

### Supports for ABB devices

#### Floor box for 10 devices

10 916	5/Élos	6/24
--------	--------	------

#### Floor box for 16 devices

10 917	4/Élos	6/24
--------	--------	------

The supports for the devices of the Élos type come with finishing plates.

### Supports for Vimar devices

#### Floor box for 10 devices

10 922	6/Plana	6/24
10 928	5/Idea and 8000 special	6/24
10 925	5/8000	6/24

#### Floor box for 16 devices

10 923	5/Plana	6/24
10 914	4/Idea and 8000 special	6/24
10 911	4/8000	6/24

The supports for the devices of the Plana type require no frame or finishing plate.

The supports for the devices of the Idea, 8000 and 8000 special types come with finishing plates.

# Floor boxes

## Undernet floor boxes



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Code	Number of devices	Box/Pack – No. of pieces
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### Supports for BTicino Magic devices

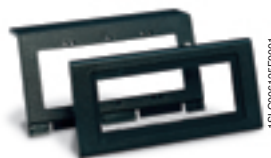
#### Floor box for 10 devices

10 925	5	6/24
10 926	3 + 1 Schuko	6/24
10 927	1 + 2 Schuko	6/24

#### Floor box for 16 devices

10 911	4	6/24
10 912	2 + 1 Schuko	6/24
10 913	2 Schuko	6/24

The supports for the BTicino Magic devices come with finishing plates.



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Code	Number/Type of device	Box/Pack – No. of pieces
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### Support for triple Schuko socket code 10 719

#### Floor box for 10 devices

10 921	1/Triple Schuko code 10719	6/24
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# Floor boxes

## Undernet floor boxes



Code	Description	Color	Box/Pack – No. of pieces
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### Triple Schuko socket

10 719	16 A, 250 V a.c.	white	5/35
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To be used together with support code 10 921 on floor box for 6 to 12 devices.



Code	Dimensions (WxHxD)	Box/Pack – No. of pieces
------	--------------------	--------------------------

### Flush-mounting metal boxes for traditional floors

#### Floor box for 10 devices

10 930	305x105x230	1
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#### Floor box for 16 devices

10 931	310x105x305	1
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For the installation of Undernet floor boxes in traditional floors.

Supplied with protection semi-lid and bulkheads for Scattoplast trunkings of 70x30 mm and of 95x30 mm and for ø 25 mm and 32 mm conduits.

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1SLC006023F0001



1SLC006023F0001



1SLC006023F0001



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### Technical characteristics

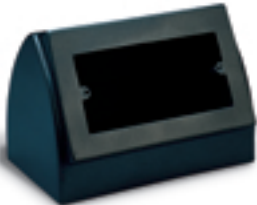
- protection degree IP52 between box and floor
- compliance with CEI 64-8 Standard
- IMQ mark in compliance with CEI 23-73 Standard
- installation in raised and traditional floors
- device-supporting single front can be tilted at various angles
- integration with underfloor distribution systems and visible distribution trunkings
- installation of pilot light possible
- color RAL 7021 dark grey
- classification of the floor boxes according to CEI 23-73 Standard on page 6/2
- it is possible to install Élos wiring accessories

# Floor boxes

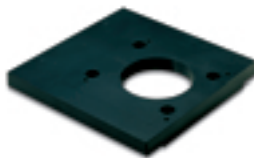
## Lusy floor boxes



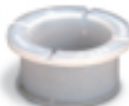
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1SLC006128F0001



1SLC006130F0001



1SLC006131F0001

Code	Dimensions WxHxD (mm)	Color	Box/Pack – No. of pieces
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### Lusy floor box for 2 wiring units

10 505	106x112÷125x110÷120	RAL 7021 dark grey	1/12
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For 2-unit frames and plates of all makes and for Busch Jaeger residential units with an interaxis of 60 mm.

### Lusy floor box for 4 wiring units

10 506	160x112÷125x110÷120	RAL 7021 dark grey	1/8
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For 4-unit frames and plates of all makes with an interaxis of 108 mm.

It is possible to connect up to 3 floor boxes, observing the interaxes of 100 mm (only 2 floor boxes), 118 mm and 124 mm.

Code	Box/Pack – No. of pieces
------	--------------------------

### Support for Metal series box

10 533	6/24
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For the installation of both Lusy floor box versions on Metal series box.

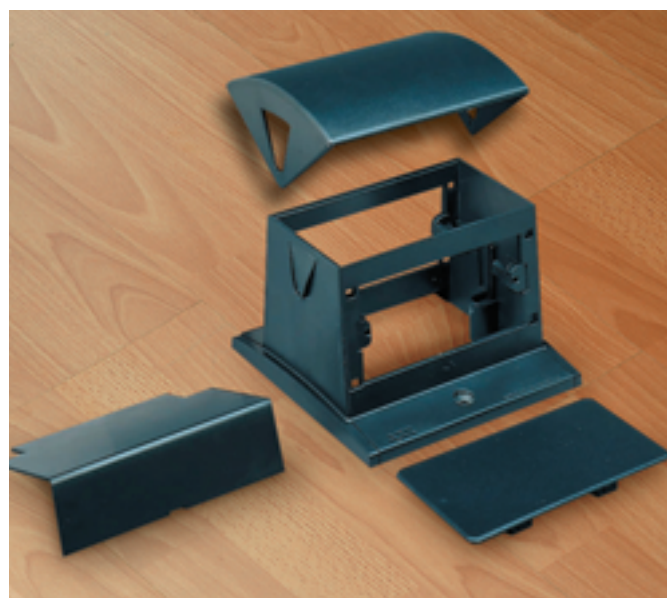
Code	Description	Box/Pack – No. of pieces
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### Floor-mounting ring nut

10 530	ø 2" GAS x H 30 mm	20/80
10 559	ø 2" GAS x H 50 mm	10/40

The use of supports is not required; for direct mounting of Lusy floor boxes on cable glands of the Scattoplast system.





### Technical characteristics

- protection degree IP54 between support and floor
- compliance with CEI 64-8 Standard
- IMQ mark in compliance with CEI 23-73 Standard
- installation in raised and traditional floors
- double front with possibility of installing up to 8 devices
- colors graphite and grey
- classification of the floor boxes according to CEI 23-73 Standard on page 6/2
- it is possible to install Élos wiring accessories

# Floor boxes

## Concept floor boxes



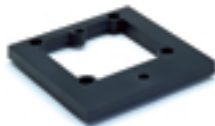
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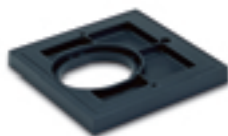
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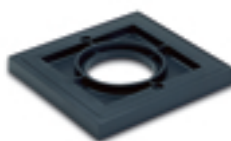
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Code	Dimensions WxHxD (mm)	Color	Box/Pack – No. of pieces
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### Concept floor box

10 501	155x120x155	graphite	1/15
10 502	155x120x155	grey	1/15

For 4-unit frames and plates of all makes with an interaxis of 108 mm.  
Both floor boxes come with compartment cover.

### Compartment cover

10 520	155x120x155	graphite	20/80
10 521	155x120x155	grey	20/80

### Adapter for mounting 3 wiring units (interaxis = 83.5 mm)

10 522	144x80x10	graphite	20/80
10 523	144x80x10	grey	20/80

Not suitable for installation of Vimar Idea Rondò series plates.

### Supports

10 524	155x155x13	graphite	6/24
10 525	155x155x13	grey	6/24

For the installation of the Concept floor box on Metal series box.

10 526	155x155x15	graphite	6/24
10 527	155x155x15	grey	6/24

For the installation of the Concept floor box on cable glands of the Scattoplast system, using ring nut code 10 530 or 10 559.

With lateral hole for installing two floor boxes side by side (minimum interaxis of the cable glands = 100 mm).

10 528	155x155x15	graphite	6/24
10 529	155x155x15	grey	6/24

For the installation of the Concept floor box on cable glands of the Scattoplast system, using ring nut code 10 530 or 10 559.

With central hole (if several floor boxes are installed side by side, the interaxis between the cable glands must be 155 mm).

Code	Description	Box/Pack – No. of pieces
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### Ring nut

10 530	ø 2"GAS x H 30 mm	20/80
10 559	ø 2"GAS x H 50 mm	10/40

For installing supports on cable glands of the Scattoplast system.





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1SLC006039F0001

### Technical characteristics

- protection degree IP54 between box and floor
- compliance with CEI 64-8 Standard
- IMQ mark in compliance with CEI 23-73 Standard
- installation in raised and traditional floors
- double front with possibility of installing up to 6 devices
- colors brown and grey
- classification of the floor boxes according to CEI 23-73 Standard on page 6/2
- it is possible to install Élos wiring accessories

# Floor boxes

## Telec floor boxes



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1SLC006140F0001



1SLC006141F0001



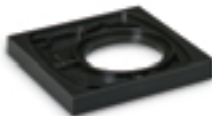
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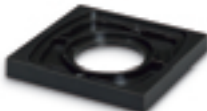
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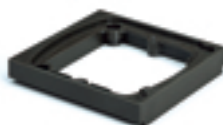
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1SLC006146F0001



1SLC006147F0001



1SLC006148F0001

Code	Dimensions WxHxD (mm)	Color	Box/Pack – No. of pieces
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### Telec floor box

#### For electrical services

10 510	135x120x125	brown	1/10
10 512	135x120x125	grey	1/10

For 3-unit frames and plates of all makes with an interaxis of 83.5 mm.

#### For telephone and auxiliary services

10 511	135x120x120	brown	1/10
10 513	135x120x120	grey	1/10

Code	Color	Box/Pack – No. of pieces
------	-------	--------------------------

### Adapter for wiring units

10 540	brown	1/18
10 541	grey	1/18

Adapts floor boxes for telephone and auxiliary services to electrical services. Comes with compartment cover.

Code	Dimensions WxHxD (mm)	Color	Box/Pack – No. of pieces
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### Supports

#### Painted Silumin for 2 floor boxes

10 542	284x158x15	aluminium	1/20
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For the installation of 2 Telec floor boxes on Metal series box. Supplied with perimetric rubber seal for water-tightness. Supplied with screws for installation on box.

10 548	158x284x11	aluminium	1/20
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For the installation of 2 Telec floor boxes on Incaplast or G 9305/4 box (both currently not produced). Supplied with perimetric rubber seal for water-tightness. Supplied with screws for installation on box.

#### Painted Silumin for 3 floor boxes

10 547	400x125x25	brown	1/10
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For Scattoplast trunkings with an interaxis of 100 mm.

#### Plastic material

10 543	125x135x15	brown	6/24
10 544	125x135x15	grey	6/24

For the installation of the Telec floor box on cable glands of the Scattoplast system, using ring nut code 10 530 or 10 559. With lateral hole for installing two floor boxes side by side (minimum interaxis of the cable glands = 100 mm).

10 545	125x135x15	brown	6/24
10 546	125x135x15	grey	6/24

For the installation of the Telec floor box on cable glands of the Scattoplast system, using ring nut code 10 530 or 10 559. With central hole.

#### Semi-support for Metal series boxes

10 550	125x135x20	brown	6/24
10 551	125x135x20	grey	6/24

For installing a maximum of 2 Telec floor boxes/supports on a Metal series box. Made of plastic material.

# Floor boxes

## Telec floor boxes



Code	Color	Box/Pack – No. of pieces
------	-------	--------------------------

### Socket-mounting plate

#### For TNT/RJ sockets

10 553	beige	10/120
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Comes with screws for installation on floor box.

#### For BNC and TNT/RJ sockets

10 554	beige	10/120
--------	-------	--------

Comes with screws for installation on floor box.

#### For IBM and TNT/RJ sockets

10 555	beige	5/60
--------	-------	------

Comes with screws for installation on floor box.

Code	Box/Pack – No. of pieces
------	--------------------------

### Silumin lid for supports

10 549	20/80
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For supports 10 542 and 10 548. To be applied in case only one floor box is enabled. Comes with 2 fastening screws.

# Floor boxes

## Telec floor boxes



Code	Dimensions WxHxD (mm)	Box/Pack – No. of pieces
------	-----------------------	--------------------------

### Telemix

60		
10 558	125x315x2.5÷15	10/40

Made of black painted sheeting; for 1+ 1 Telecom terminal block to be installed on the floor box.

60-P		
10 560	125x240x2.5÷115	1/40

Characteristics corresponding to code 10 558; 90° angle.

### Ring nut

10 530	ø 2" GAS x 30 mm	20/80
10 559	ø 2" GAS x 50 mm	10/40

For installing supports 10 543, 10 544, 10 454 and 10 546 on cable glands of the Scattoplast system.



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### Technical characteristics

- protection degree IP54 between service unit and floor
- may be combined with all underfloor trunking systems
- 3 panels for each enabled side
- 4 completely independent sides
- possibility of installing ABB modular and residual-current circuit breakers and all types of modular wiring units on the market as well as various sockets for EDP and telematic services
- colors graphite, aluminium and grey
- compliance with CEI 64-8 Standard
- IMQ mark in compliance with CEI 23-73 Standard
- compliance with the Italian Presidential Decree No. 503 issued on 24/07/1996 relating to the elimination of architectural obstructions in public buildings
- classification of the floor boxes according to CEI 23-73 Standard on page 6/2
- it is possible to install Élos wiring accessories



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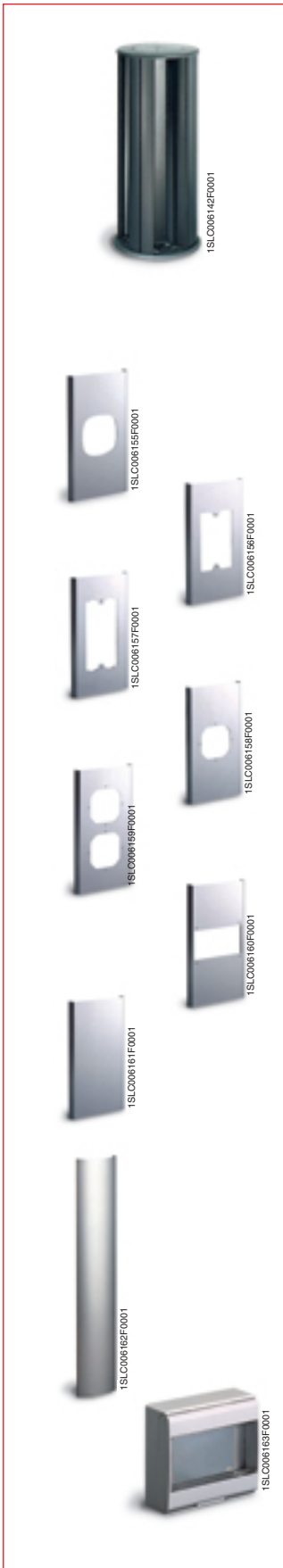


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# Floor boxes

## Multivert desk service units



Code	Dimensions (mm)	Color	Box/Pack – No. of pieces
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### Multivert desk service unit

10 601	ø 245 x H 600	graphite	1
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Comes with screws, nuts, earth wire and floor drilling template.

### Modular panels (3 for each side of the service unit)

#### For Telecom sockets

10 611	105x192x12	aluminium	15/45
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#### For modular units (interaxis = 83.5 mm)

10 612	105x192x12	aluminium	15/45
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#### For modular units (interaxis = 108 mm)

10 613	105x192x12	aluminium	15/45
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#### For BUSCH-E 2000 devices

10 616	105x192x12	aluminium	15/45
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#### For BUSCH-E 2000 devices (max. 2)

10 617	105x192x12	aluminium	15/45
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#### For modular switchboard devices (5 modules)

10 614	105x192x12	aluminium	15/45
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To be used together with cover code 10 620.

#### Blank panel

10 615	105x192x12	aluminium	15/45
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### Accessories

#### Single closing panel

10 618	580x105	aluminium	1
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Only one panel is required for each side of the service unit.

#### MCBs protection cover (max. 5 modules)

10 620	94x84x33	grey	10/40
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For panel code 10 614



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TSLC006035F0001



TSLC006037F0001



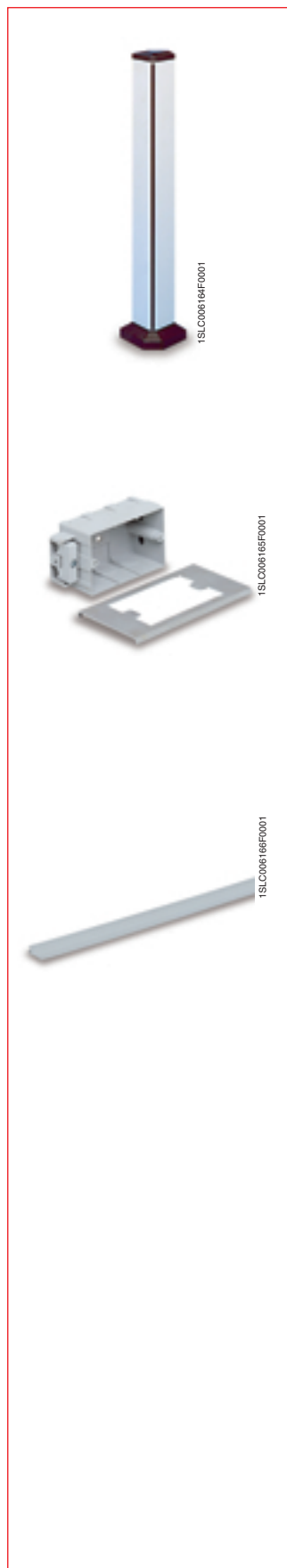
TSLC006174F0001

### Technical characteristics

- protection degree IP40
- made of anodized aluminium
- shock resistance 20 joules
- removal of boxes requires tools
- versions H 0.35 m, 0.66 m and 3.00 m (the latter comes with accessories for installation and ceiling adjustment)
- it is possible to install Élos wiring accessories

# Floor boxes

## Aluminium desk service units



Code	H (m)	Box/Pack – No. of pieces
------	-------	--------------------------

### Aluminium desk service unit

04 870	350	1
04 871	660	1
04 872	2800*	1

\* Comes with accessories for installation and ceiling adjustment (min. 3.00 m/max. 4.00 m)

Code	Description	Box/Pack – No. of pieces
------	-------------	--------------------------

### Switch-socket box

04 858	interaxis = 83.5 mm	1/30
04 860	interaxis = 60 mm	1/30
04 862	for telephone socket	1/30

Comes with respective plates.

Code	Box/Pack – No. of pieces
------	--------------------------

### Divider

04 864	20
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## Index

### Technical details

Manufacturing materials and classification of the floor boxes according to CEI 23-73 Standard .....	6/2
IP protection degree .....	6/3
Self-extinguishing tests .....	6/4
IK shock resistance degree .....	6/5
Trunkings section and number of cables that may be inserted .....	6/6
Choice of support for floor box installation .....	6/7
Interaxis when installing several floor boxes side by side .....	6/8

### Mounting examples

Scattoplast .....	6/10
Multiplast boxes .....	6/11
Plastic trunkings .....	6/12
Lusy floor boxes .....	6/14
Concept floor boxes .....	6/16
Telec floor boxes .....	6/17

## Technical details

### Manufacturing materials and classification of the floor boxes

#### Characteristics of the plastic materials used

**Main elements** Insulating thermoplastic material, self-extinguishing according to UL 94 V0 Standard and resistant to abnormal heat and fire up to 960 °C (glow-wire test) according to IEC 695-2-1 Standard

**Accessories** Insulating thermoplastic material, self-extinguishing according to UL 94 HB Standard and resistant to abnormal heat and fire up to 650 °C (glow-wire test) according to IEC 695-2-1 Standard. At request, self-extinguishing thermoplastic material according to UL V0 Standard and resistant to abnormal heat and fire up to 960 °C

#### Classification of the floor boxes according to CEI 23-73 Standard

Series	Type of product	Material	Min. storage and transport temp.	Min. installation and employm. temp.	Max. employm. temp.	Electric continuity	Electric insulating properties	IP protection degree	Floor treatment	Shock resistance
<b>Lusy</b>	Floor box	Non-metallic	-5 °C	-5 °C	60 °C	Without electric continuity	With insulating properties	IP52 between box and floor	Treatment with liquids	Light shocks 1J
<b>Concept</b>	Surface-mounted floor box	Non-metallic	-25 °C	-5 °C	60 °C	Without electric continuity	With insulating properties	IP54 between box and floor	Treatment with liquids	Strong shocks 6J
<b>Telec</b>	Surface-mounted floor box	Non-metallic	-25 °C	-5 °C	60 °C	Without electric continuity	With insulating properties	IP54 between box and floor	Treatment with liquids	Very strong shocks 20J
<b>Multivert</b>	Desk service unit	Comp.	-25 °C	-15 °C	60 °C	With electric continuity	Without insulating properties	IP54 between box and floor		Very strong shocks 20J



# Technical details

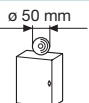
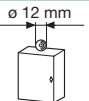
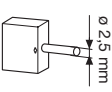
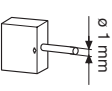


## IP protection degree

### IP protection degree

As indicated in the following table, the IP protection degree is expressed by two distinguishing digits, depending on the

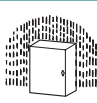
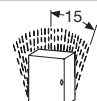
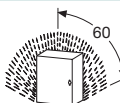

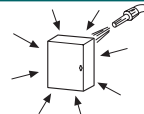
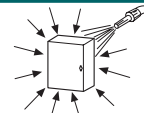
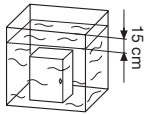
behavior of the product it refers to, according to the prescriptions of CEI 70-1 and CEI EN 60529 Standards.

#### First number: protection against the penetration of solid bodies

IP		
0		No protection
1		Protection against the penetration of solid bodies with a diameter of over 50 mm
2		Protection against the penetration of solid bodies with a diameter of over 12 mm or a length of over 80 mm
3		Protection against the penetration of solid bodies with a diameter or thickness of over 2.5 mm
4		Protection against the penetration of solid bodies with a diameter or thickness of over 1.0 mm
5		Protection against the penetration of dusts
6		Total protection against the penetration of dusts

1<sup>st</sup> number defined by Standards CEI 70-1 – IEC 60529

#### Second number: protection against the penetration of water

IP		
0		No protection
1		Protection against the penetration of drops of water falling vertically
2		Protection against the penetration of drops of water falling at an angle of up to 15° from vertical
3		Protection against the penetration of drops of water falling at an angle of up to 60° from vertical
4		Protection against the penetration of splashes of water from all directions
5		Protection against the penetration of water sprayed by a hose from all directions
6		Protection against the penetration of sea water
7		Protection against the penetration of water during temporary immersion
8		Protection against the penetration of water during continual immersion

2<sup>nd</sup> number defined by Standards CEI 70-1 - IEC 60529

6

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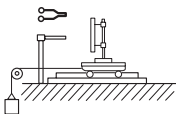
### Protection degree in shunts with plastic trunkings H 60

Object to be shunted	Cable gland 00 912	Guaranteed IP degree
Cable	YES	40
Conduit or sheath with a diameter ranging from 16 mm to 32 mm	YES	40
Conduit or sheath with a diameter of 40 mm	NO	30

## Technical details

### Double insulation and self-extinguishing tests

#### Self-extinguishing tests

Test text	Equipment required	Compliance with Standards	Purpose of the test	Test results	Test conditions		
					Heat source	Length of test	Characteristic elements
(GLOW-WIRE TEST)		IEC 695-2-1 CEI 50-11	Simulates the types of thermal stress that may be produced by the sources of heat or ignition (glowing elements or overcharged resistors for short periods) in order to assess the danger of fire using this simulation	Any manifestation of a flame must stop within 30 seconds of removing the glow-wire TEST TEMPERATURES 650 °C 750 °C 850 °C 960 °C	Glow-wire 4 mm in diameter	Wire applied for 30 seconds	Time it takes the flame to extinguish

## Technical details

### IK shock resistance degree

#### IK shock resistance degree

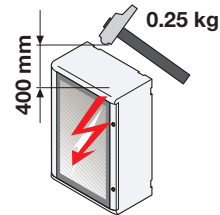
The IK degree is expressed in Joules according to the prescriptions of CEI EN 50102 Standard.

IK 0



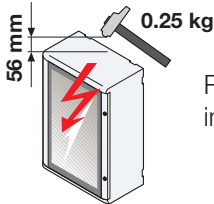
No shock resistance

IK 06



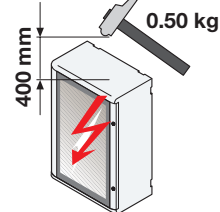
Resistance to shocks with an impact energy of up to **1.00 J**

IK 01



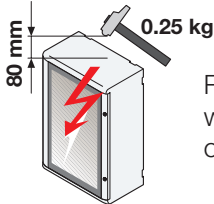
Resistance to shocks with an impact energy of up to **0.150 J**

IK 07



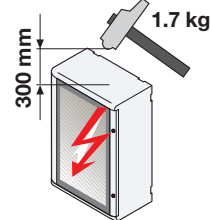
Resistance to shocks with an impact energy of up to **2.00 J**

IK 02



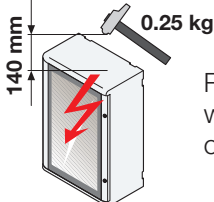
Resistance to shocks with an impact energy of up to **0.200 J**

IK 08



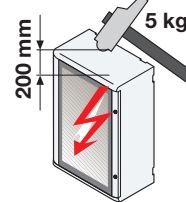
Resistance to shocks with an impact energy of up to **5.00 J**

IK 03



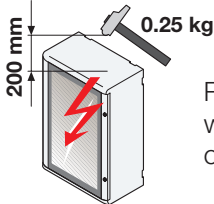
Resistance to shocks with an impact energy of up to **0.350 J**

IK 09



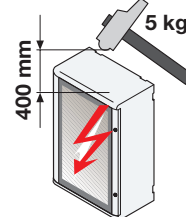
Resistance to shocks with an impact energy of up to **10.00 J**

IK 04



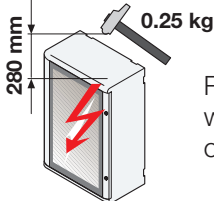
Resistance to shocks with an impact energy of up to **0.500 J**

IK 10



Resistance to shocks with an impact energy of up to **20.00 J**

IK 05



Resistance to shocks with an impact energy of up to **0.700 J**

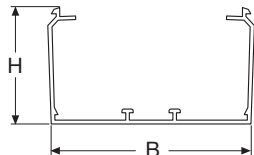
6

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## Technical details

### Trunkings section and number of cables that may be inserted

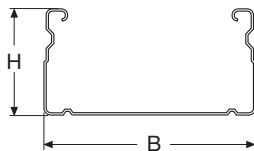
#### Plastic trunkings



Max. number of unipolar H07V-K cables  
with reduction coefficient = 50% according to CEI 64-8 Standard

Trunking dimensions		Usable section (cm <sup>2</sup> )	Section 1.5 mm <sup>2</sup>	Section 2.5 mm <sup>2</sup>	Section 4 mm <sup>2</sup>	Section 6 mm <sup>2</sup>	Section 10 mm <sup>2</sup>	Section 16 mm <sup>2</sup>	Section 25 mm <sup>2</sup>
B	H								
100	60	53.6	279	194	148	86	59	44	28
200	60	106.8	555	386	295	171	118	88	56

#### Metal trunkings

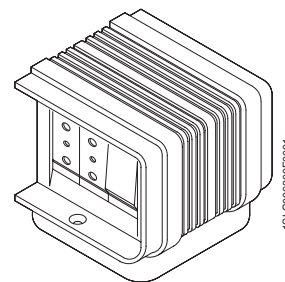
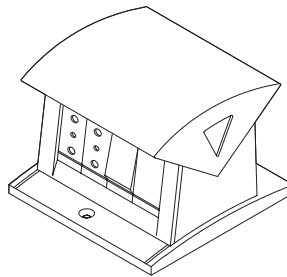
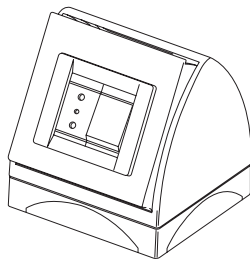


Max. number of unipolar H07V-K cables  
with reduction coefficient = 50% according to CEI 64-8 Standard

Trunking dimensions		Usable section (cm <sup>2</sup> )	Section 6 mm <sup>2</sup>	Section 10 mm <sup>2</sup>	Section 16 mm <sup>2</sup>	Section 25 mm <sup>2</sup>	Section 35 mm <sup>2</sup>	Section 50 mm <sup>2</sup>	Section 70 mm <sup>2</sup>	Section 95 mm <sup>2</sup>	Section 120 mm <sup>2</sup>	Section 150 mm <sup>2</sup>	Section 185 mm <sup>2</sup>	Section 240 mm <sup>2</sup>	Max. H070V-K cable compatible with system
B	H														
100	50	62	99	69	50	32	24	19	13	10	8	7	5	4	240
150	50	100	151	103	76	49	38	28	20	16	13	10	8	7	240
200	50	126	202	224	102	65	51	37	27	22	17	14	12	8	240
300	50	189	305	244	154	99	76	57	41	33	27	21	17	13	240
400	50	253	408	281	207	132	103	76	55	44	36	29	23	17	240
500	50	317	510	352	259	166	128	96	69	55	46	36	29	23	240

## Technical details

### Choice of support for floor box installation



Installation conditions	Lusy floor boxes	Concept floor boxes	Telec floor boxes
Traditional floor, supply from Metal series box	<ul style="list-style-type: none"> <li>- Two supports for Metal series box code 10 533</li> </ul>	<ul style="list-style-type: none"> <li>- Two supports for Metal series box code 10 524 or 10 525</li> </ul>	<ul style="list-style-type: none"> <li>- One support for Metal series box code 10 542 or two semi-supports code 10 550 or 10 551</li> </ul>
Traditional floor, supply from cable glands of the Scattoplast system	<ul style="list-style-type: none"> <li>- No support required</li> <li>- Floor box fixed to cable gland by means of ring nut code 10 530 or 10 559</li> </ul>	<ul style="list-style-type: none"> <li>- Support code 10 526, 10 527, 10 528 or 10 529</li> <li>- Floor box fixed to cable gland by means of ring nut code 10 530 or 10 559</li> </ul>	<ul style="list-style-type: none"> <li>- Support code 10 543, 10 544, 10 545 or 10 546</li> <li>- Floor box fixed to cable gland by means of ring nut code 10 530 or 10 559</li> </ul>
Raised floor, supply from free cables or flexible conduit/sheath	<ul style="list-style-type: none"> <li>- No support required</li> <li>- Floor box fixed to floor by means of screws or dowels</li> </ul>	<ul style="list-style-type: none"> <li>- No support required: floor box fixed to floor by means of screws or dowels</li> <li>- Possibility of using support code 10 526, 10 527, 10 528 or 10 529</li> </ul>	<ul style="list-style-type: none"> <li>- Support code 10 543, 10 544, 10 545 or 10 546</li> <li>- Support fixed to floor by means of screws or dowels</li> </ul>

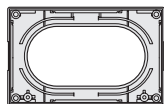


## Technical details

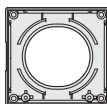
### Interaxis when installing several floor boxes side by side

#### Lusy

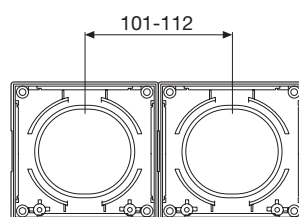
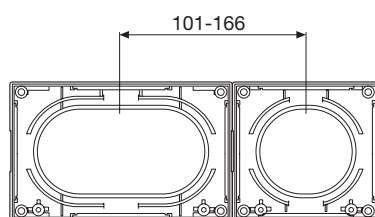
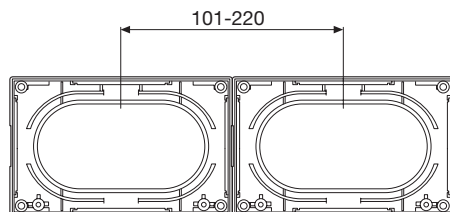
The base is already included in the code of the floor box.



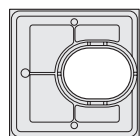
code 10506



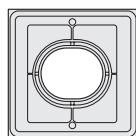
code 10505



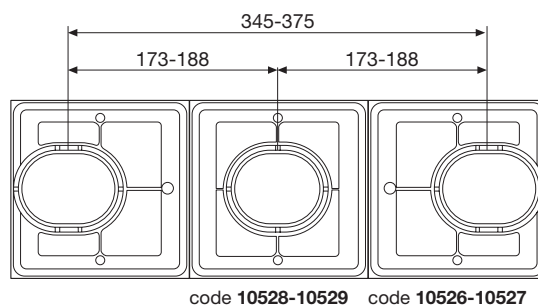
#### Concept



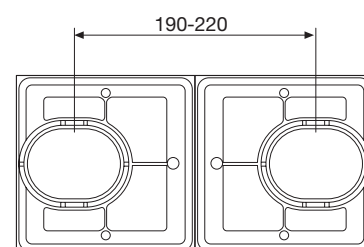
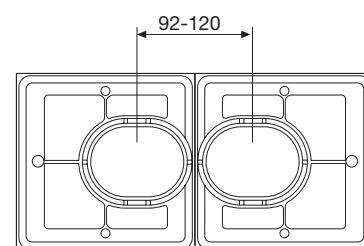
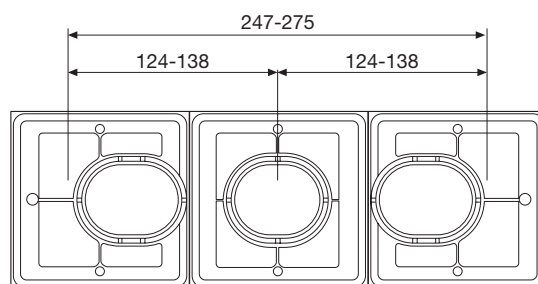
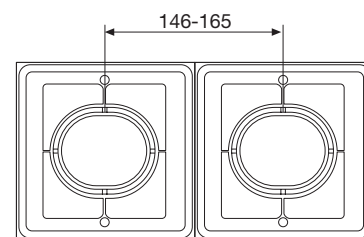
code 10526  
code 10527



code 10528  
code 10529



code 10528-10529 code 10526-10527



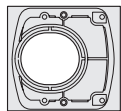
1SLC006011F0901

All measurements expressed in millimeters

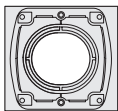
## Technical details

### Interaxis when installing several floor boxes side by side

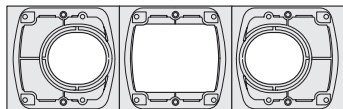
#### Telec



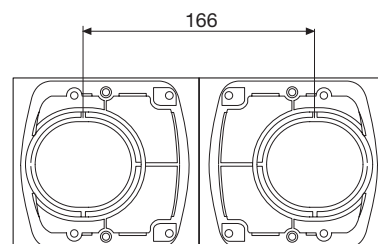
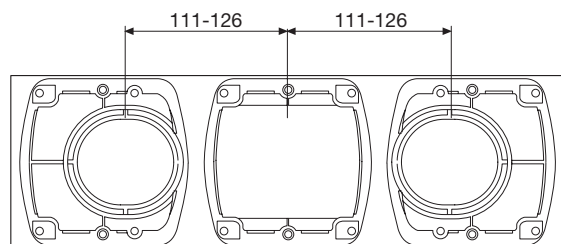
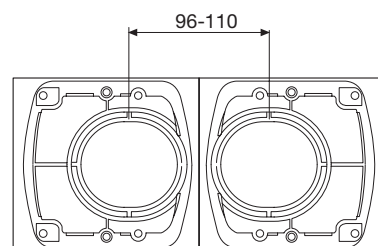
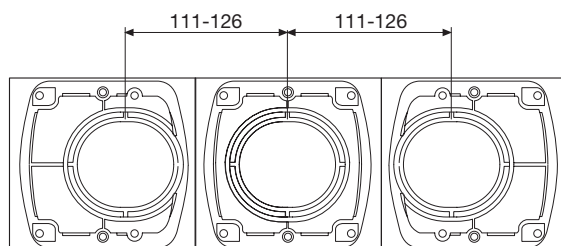
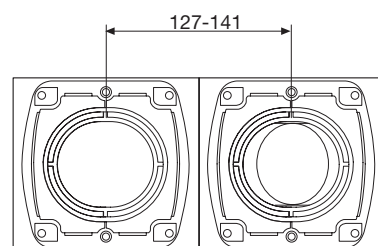
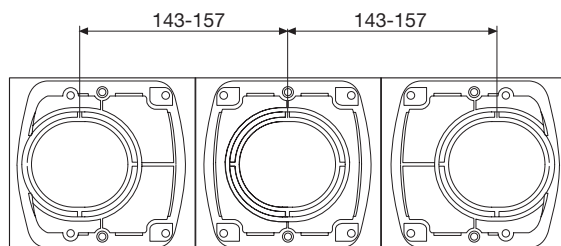
code 10543  
code 10544



code 10545  
code 10546



code 10547



1SLC000201F0001

## Mounting examples

### Scattoplast

**Mounting example for the boxes code 10 163 and code 10 164**

- 1** Junction box  
code 10 164
- 2** Trunking flyover  
code 10 118
- 3** Trunking flyover  
code 10 117
- 4** Trunking  
code 10 013



1SLC006178F0001

# Mounting examples

## Multiplast boxes

### Mounting of two Multiplast boxes code 10 301

- 1** Multiplast box code 10 301
- 2** Trunking code 10 013
- 3**  $\varnothing$  32 mm conduits
- 4** Raised floor
- 5** Undernet floor box
- 6** Internal divider



1SLC006199F0001



## Mounting examples

### Plastic trunking systems

#### Connection with corrugated conduit

To remove the punched plate, simply push against them decisively with a hammer or screwdriver handle.



Using cable gland code 00 912 guarantees a protection degree of IP40, and it is required for connecting  $\varnothing$  16-32 mm corrugated conduits.  $\varnothing$  40 mm corrugated conduits can be connected without using a cable gland, with a protection degree of IP30.



Cut the cable gland according to the diameter of the corrugated conduit to be connected.



Finish the installation by inserting the corrugated conduit.





## Mounting examples

### Plastic trunking systems

#### Fixing the plastic trunkings with circular trimmings to the floor

Thanks to the long slots, the universal supports (codes 06 665 and 06 667) can be anchored to the floor by means of the most common fixing systems (dowels, nails etc.).

Using support H 48 mm (code 06 667), it is possible to pass hydraulic systems underneath the trunkings.



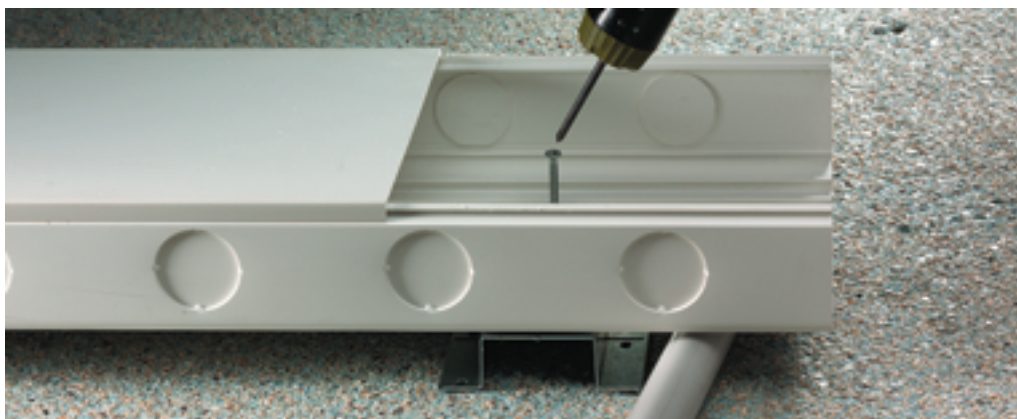
1SLC006183F0001

Using support H 25 mm (code 06 665), it is possible to pass corrugated or rigid conduits with a  $\varnothing$  of up to 25 mm underneath the trunkings.



1SLC006184F0001

The plastic trunkings may be fixed to the universal supports by means of a self-tapping screw, using a common screwdriver. Alternatively, the trunking may be fastened by means of bi-adhesive tape or glues suitable for plastic and metal.



1SLC006185F0001

## Mounting examples

### Lusy floor boxes

**Example for installing two Lusy floor boxes in a Scattoplast underfloor distribution system**

- 1** Lusy floor box  
code 10 506
- 2** Support (supplied with  
floor box)
- 3** Threaded ring nut  
codes 10 530 - 10 559



1SLC006194F0001

**Example for installing two Lusy floor boxes on Metal series boxes in an underfloor distribution system**

- 1** Lusy floor box  
code 10 506
- 2** Support (supplied  
with floor box)
- 3** Metal series box  
code 10 401



1SLC006194F0001



## Mounting examples

### Lusy floor boxes

**Example for installing two Lusy floor boxes in a distribution system for raised floors**

- 1** Lusy floor box  
code 10 506
- 2** Support (supplied with  
floor box)



1SLC2006195F0001

## Mounting examples

### Concept floor boxes

#### Example for mounting two Concept floor boxes on Scatoplast trunkings

- 1 Concept floor box  
code 10 501
- 2 Ring nut  
code 10 530
- 3 Scatoplast trunking support  
code 10 527
- 4 70x30 mm trunking  
code 10 013



1SLC006/19/F001

#### Example for mounting two Concept floor boxes on a Metal series box

- 1 Concept floor box  
code 10 501
- 2 Support for Metal box  
code 10 524
- 3 Metal series box  
code 10 401



1SLC006/19/F001

## Mounting examples

### Telec floor boxes

**Example for mounting two Concept floor boxes on a Metal series floor box in an underfloor distribution system**

- 1** Telec floor box  
code 10 510
- 2** Telec floor box  
code 10 511
- 3** Support  
code 10 542
- 4** Metal series box  
code 10 401



1SLC2005198F000





## Index

### Trunkings for raised floors

Plastic trunkings H 60 .....	7/2
Sendzimir metal trunkings H 50 .....	7/4
Watertight boxes .....	7/8

### Trunkings for traditional floors

Scattoplast trunking system .....	7/10
Junction boxes for the Scattoplast system .....	7/13

### Distribution and junction boxes

Silumin boxes .....	7/14
Metal series boxes .....	7/15
Multiplast boxes .....	7/16

### Floor boxes

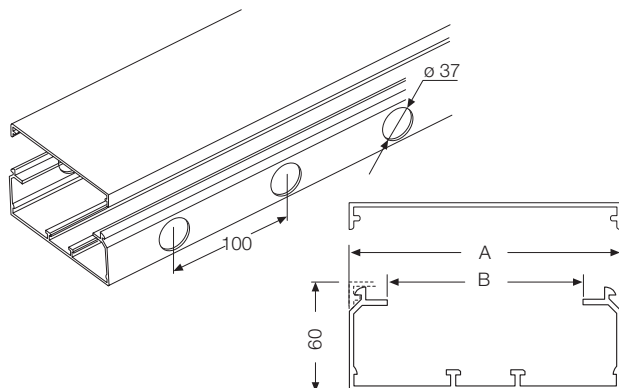
Undernet floor boxes .....	7/17
Lusy floor boxes .....	7/22
Concept floor boxes .....	7/23
Telec floor boxes .....	7/25
Multivert desk service units .....	7/27

# Overall dimensions

## Trunkings for raised floors

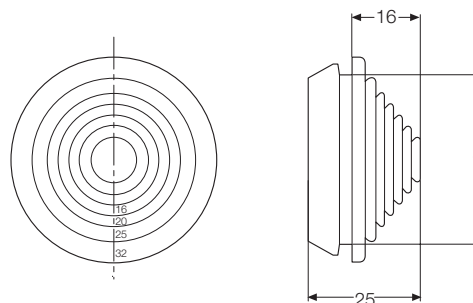
### Plastic trunkings H 60

#### Trunkings with circular trimmings



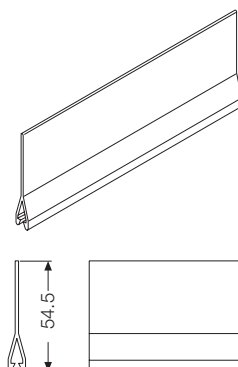
Code	Number of dividers	A	B
43 900	2	100	78
43 902	6	200	178

#### Cable gland for circular trimmings



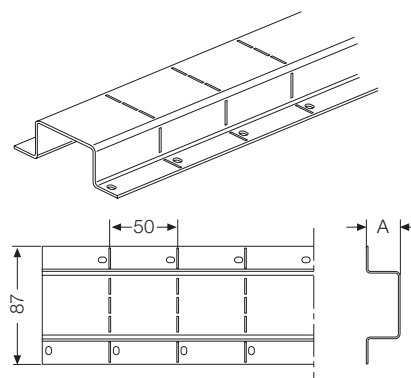
Code
00 912

#### Plastic divider



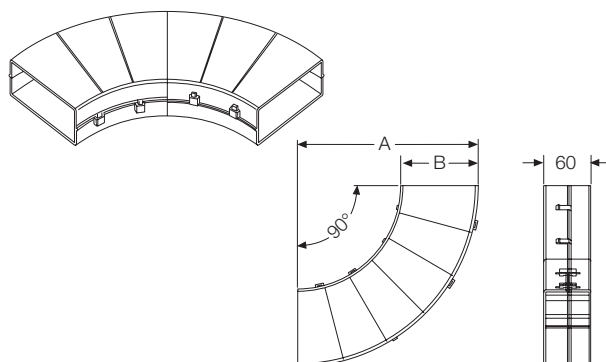
Code
43 632

#### Universal metal support for trunkings and boxes



Code	A
06 665	28
06 667	48

#### Flat 15° to 90° bend



Code	A	B
43 920	262	101
43 922	355	201

All measurements expressed in millimeters

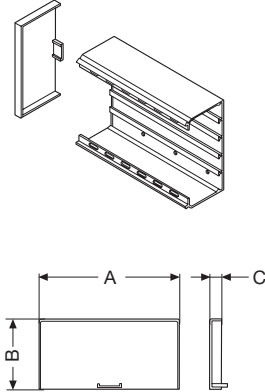
1SLC036001 F0901

# Overall dimensions

## Trunkings for raised floors

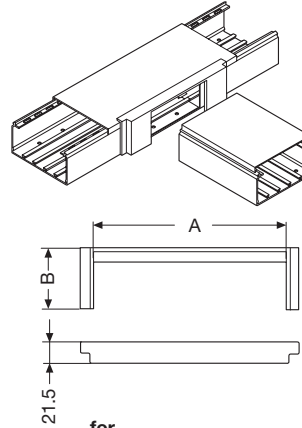
### Plastic trunkings H 60

#### End cap



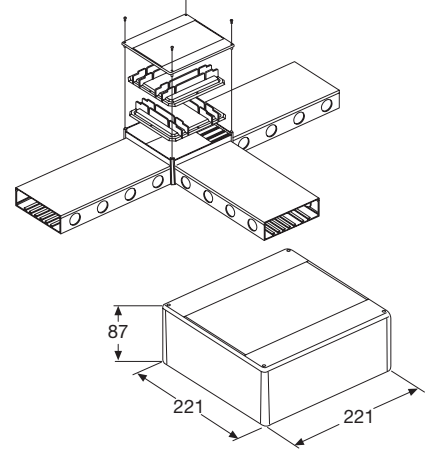
Code	A	B	C
43 405	104	62	10
43 408	204	62	10

#### Flat tee



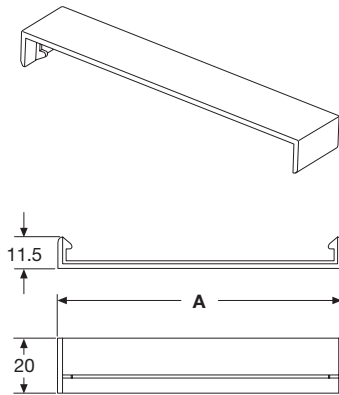
Code	for trunking height	A	B
43 475	40	40/60/80/100	64
43 488	60	60/80/100/120/150/200	64

#### Junction box



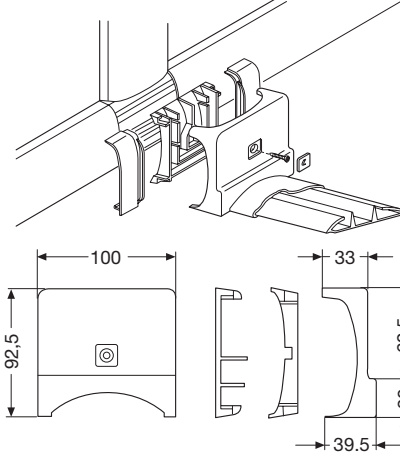
Code
43 682

#### Joint cover



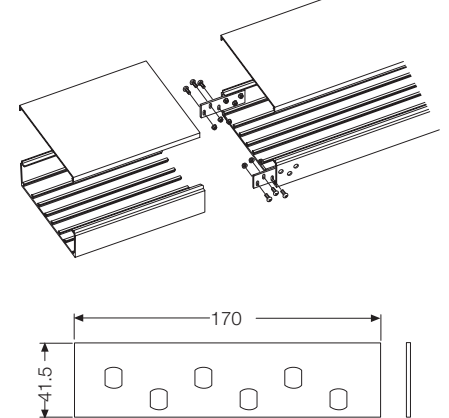
Code	A
43 555	100
43 566	200

#### Skirting junction box



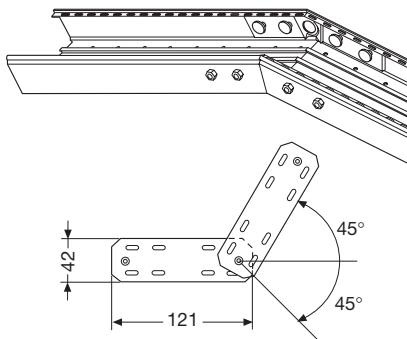
Code
42 522

#### Straight joint



Code
03 871

#### Adjustable joint



code
03 873

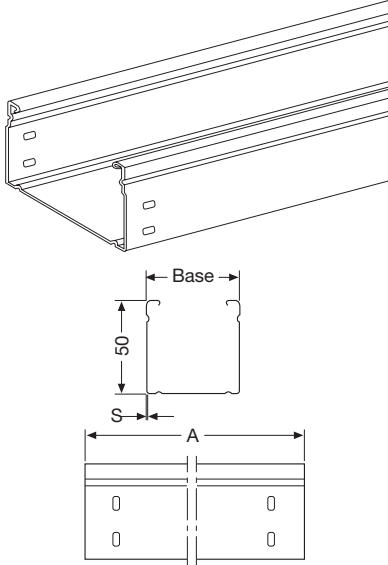
All measurements expressed in millimeters

## Overall dimensions

### Trunkings for raised floors

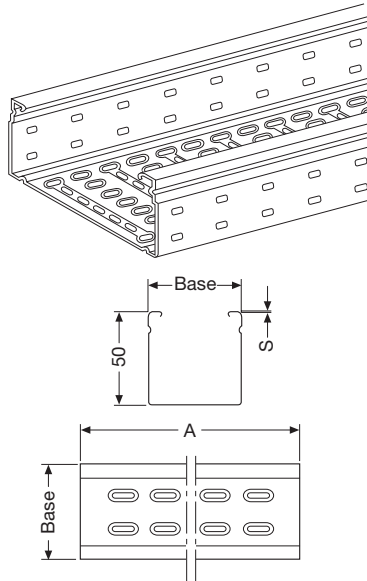
#### Sendzimir metal trunkings H 50

##### Closed trunkings IP40



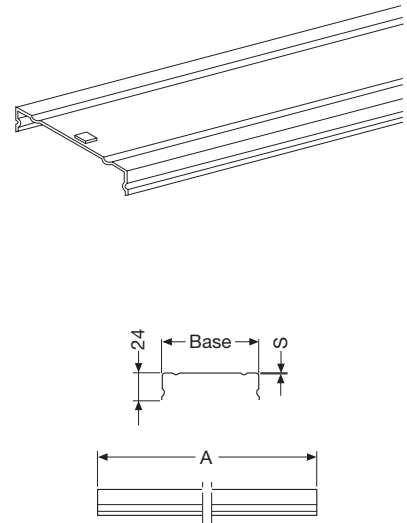
Base	A	S
100	3000	0.8
150	3000	0.8
200	3000	1.0
300	3000	1.0
400	3000	1.2
500	3000	1.2

##### Punched trunkings IP20



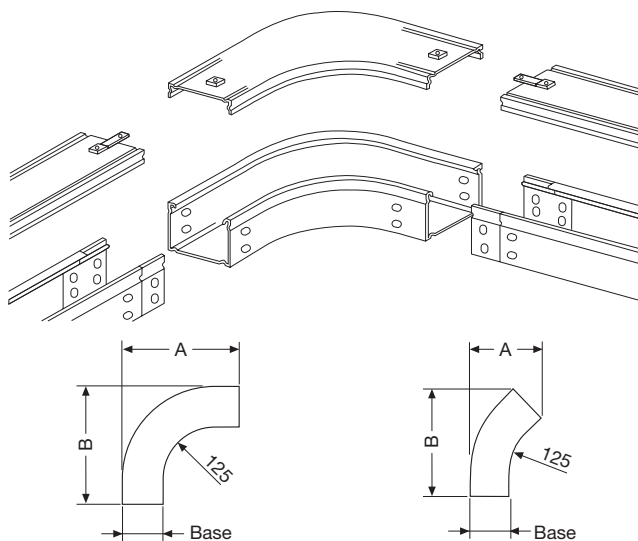
Base	A	S
100	3000	0.8
150	3000	0.8
200	3000	1.0
300	3000	1.0
400	3000	1.2
500	3000	1.2

##### Galvanized lid for trunkings IP20 and IP40



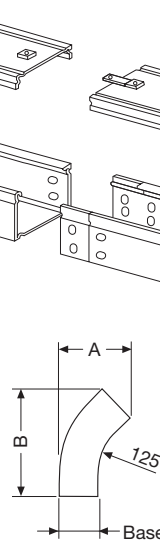
Base	A	S
100	3000	0.6
150	3000	0.6
200	3000	0.6
300	3000	0.6
400	3000	0.8
500	3000	0.8

##### 90° flat corner



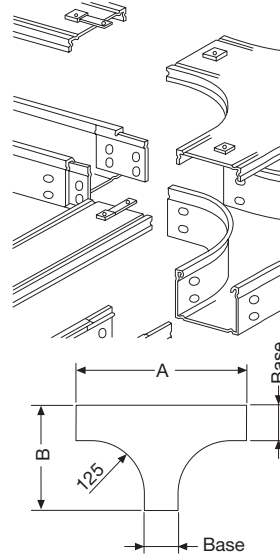
Base	A	B
100	265	265
150	315	315
200	365	365
300	465	465
400	565	565
500	665	665

##### 45° flat corner



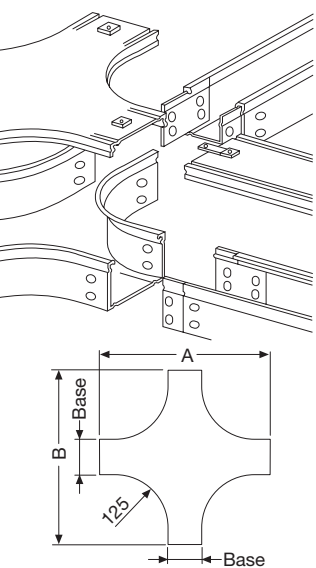
Base	A	B
100	165	227
150	216	263
200	265	298
300	365	369
400	465	440
500	565	510

##### Flat tee



Base	A	B
100	430	265
150	480	315
200	510	365
300	630	465
400	730	565
500	830	665

##### Flat crossover



Base	A	B
100	430	430
150	480	480
200	530	530
300	630	630
400	730	730
500	830	830

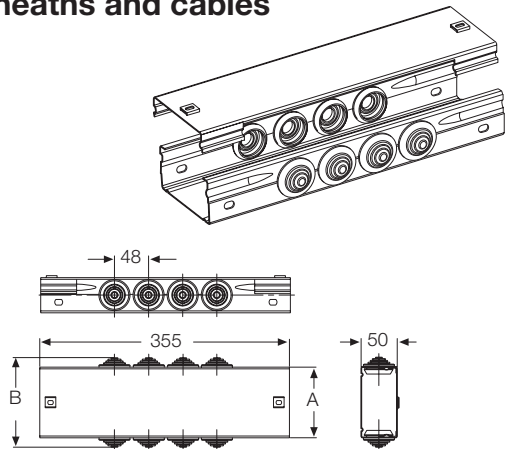
All measurements expressed in millimeters

1SLC006002F0001

# Overall dimensions

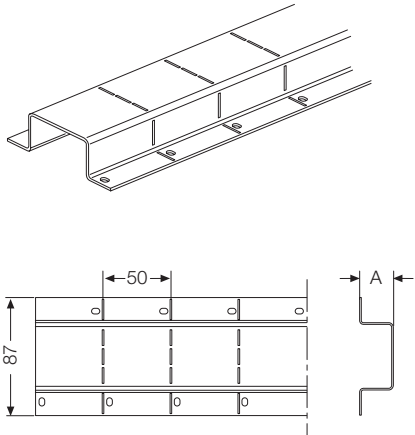
## Trunkings for raised floors

Junction element with conduits, sheaths and cables



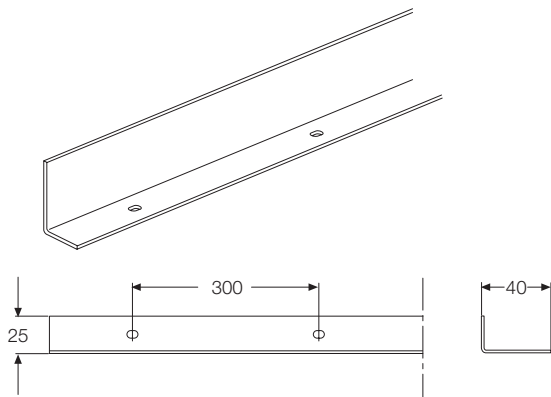
Code	A	B
06 432	100	132
06 433	150	182
06 434	200	232
06 435	300	332

Universal metal support for trunkings and boxes



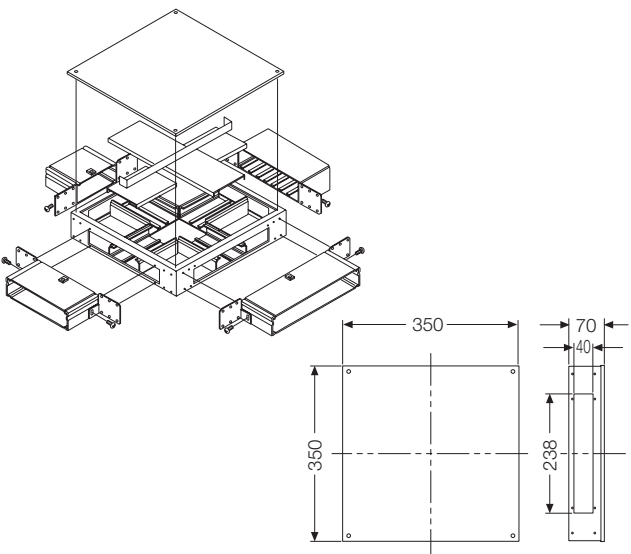
Code	A
06 665	28
06 667	48

Galvanized divider



Code
06 652

Galvanized junction box



Code
06 660

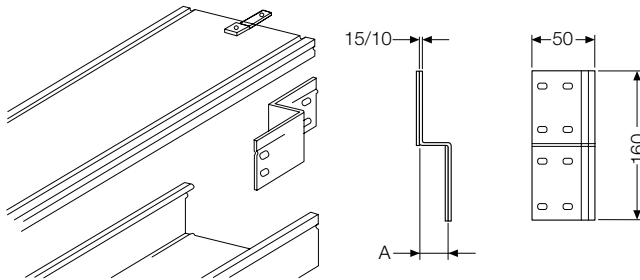
All measurements expressed in millimeters



# Overall dimensions

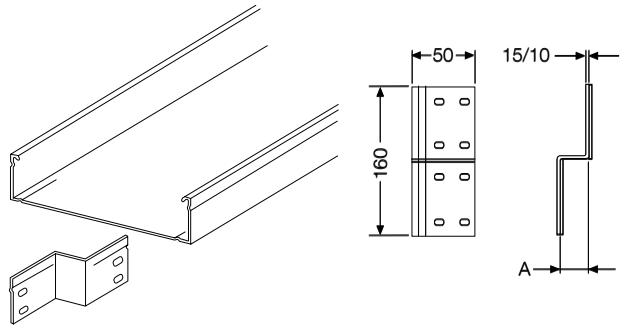
## Trunkings for raised floors

### Left reducer



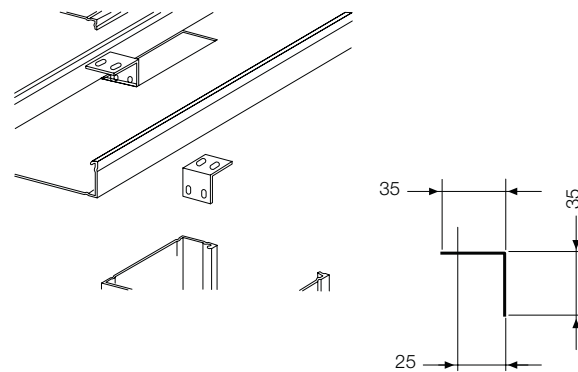
Code	A
06 602	50
06 603	100
06 604	150
06 605	200

### Right reducer



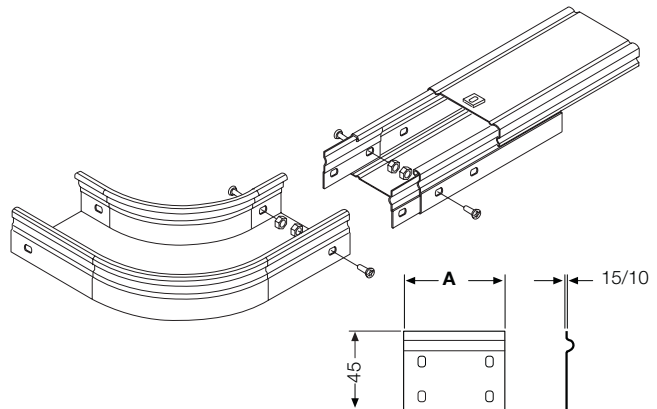
Code	A
06 612	50
06 613	100
06 614	150
06 615	200

### Flange for mounting on switchboard



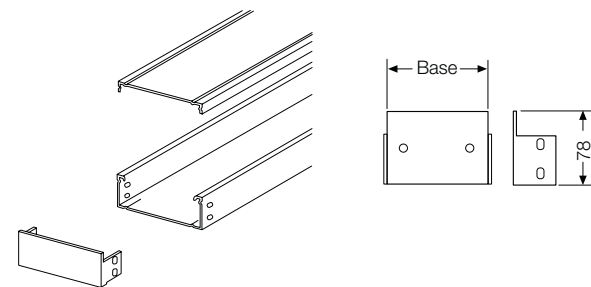
Code	
06 646	

### Mechanical joint for trunkings and accessories



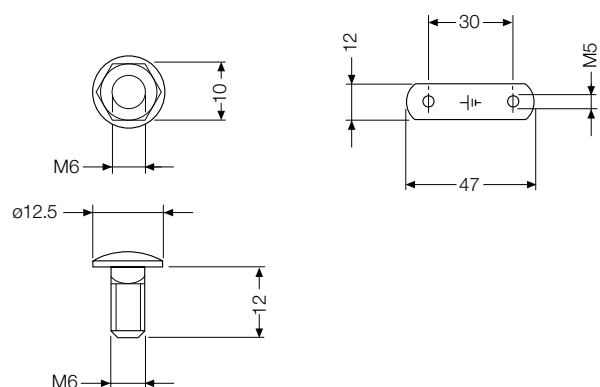
Code		A
06 642	for trunkings	180
06 643	for accessories	80

### End cap



Code	base
06 542	100
06 543	150
06 544	200
06 545	300
06 546	400
06 547	500

### Screw, nut and earth staple



Code	
07 848	
07 850	

All measurements expressed in millimeters

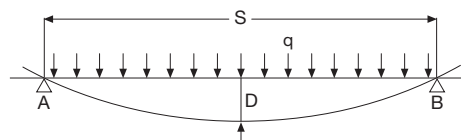
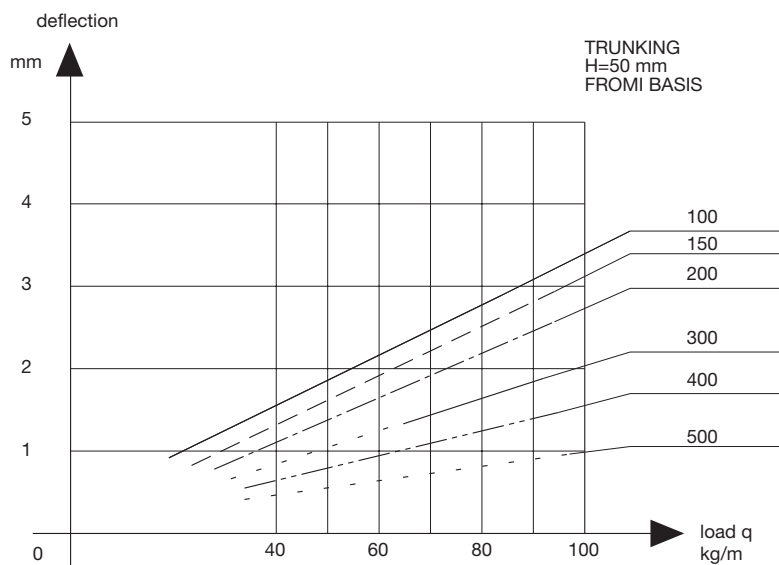
1SLC060303P001

## Overall dimensions

### Trunkings for raised floors

#### Diagram of maximum loads for sendzimir metal trunkings H 50

- load evenly distributed
- trunkings/cable trays supported by two simple constraints (A,B)
- span 2000 mm (S)
- max. deflection considered in the middle of the span (D)
- ambient temperature 20 °C



All measurements expressed in millimeters

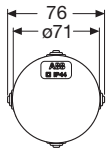
1SLC096004F9901

# Overall dimensions

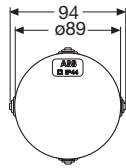
## Trunkings for raised floors

### Watertight boxes

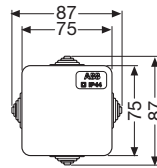
#### Front view



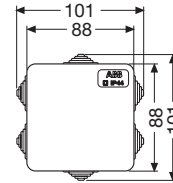
00 800



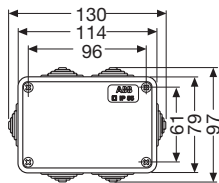
00 802



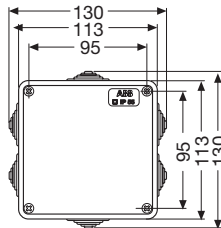
00 808



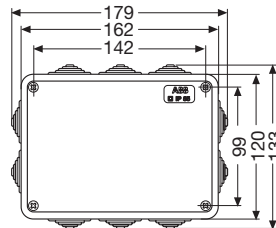
00 810



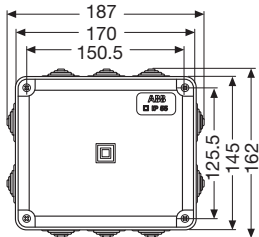
00 820 - 00 850



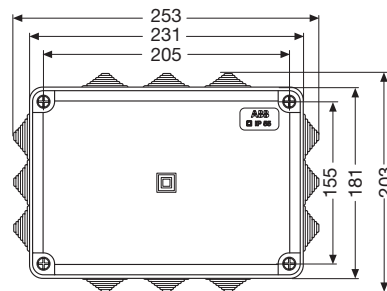
00 816 - 00 821  
00 846 - 00 851



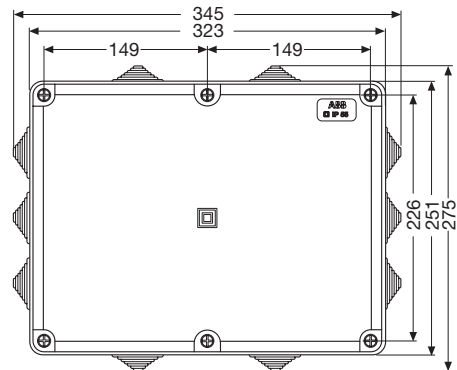
00 822 - 00 852 - 00 872



00 824 - 00 874 - 00 854



00 826 - 00 876 - 00 856

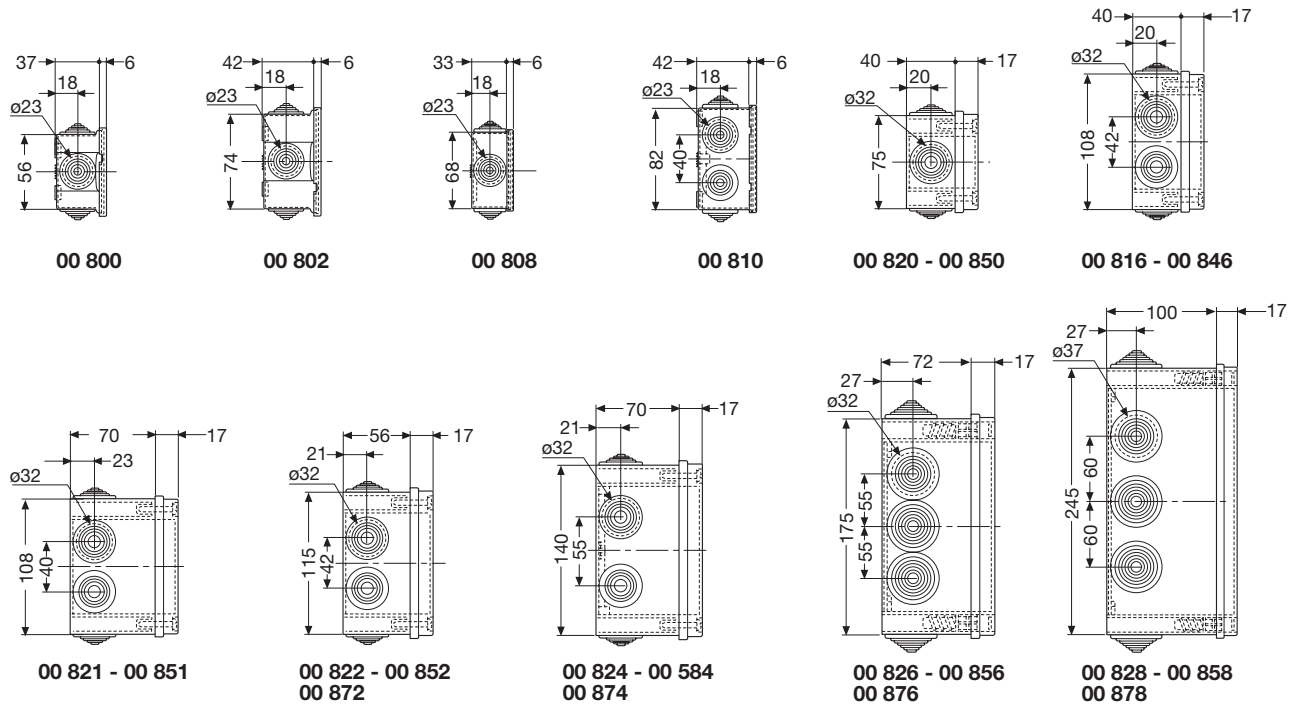


00 828 - 00 878 - 00 858

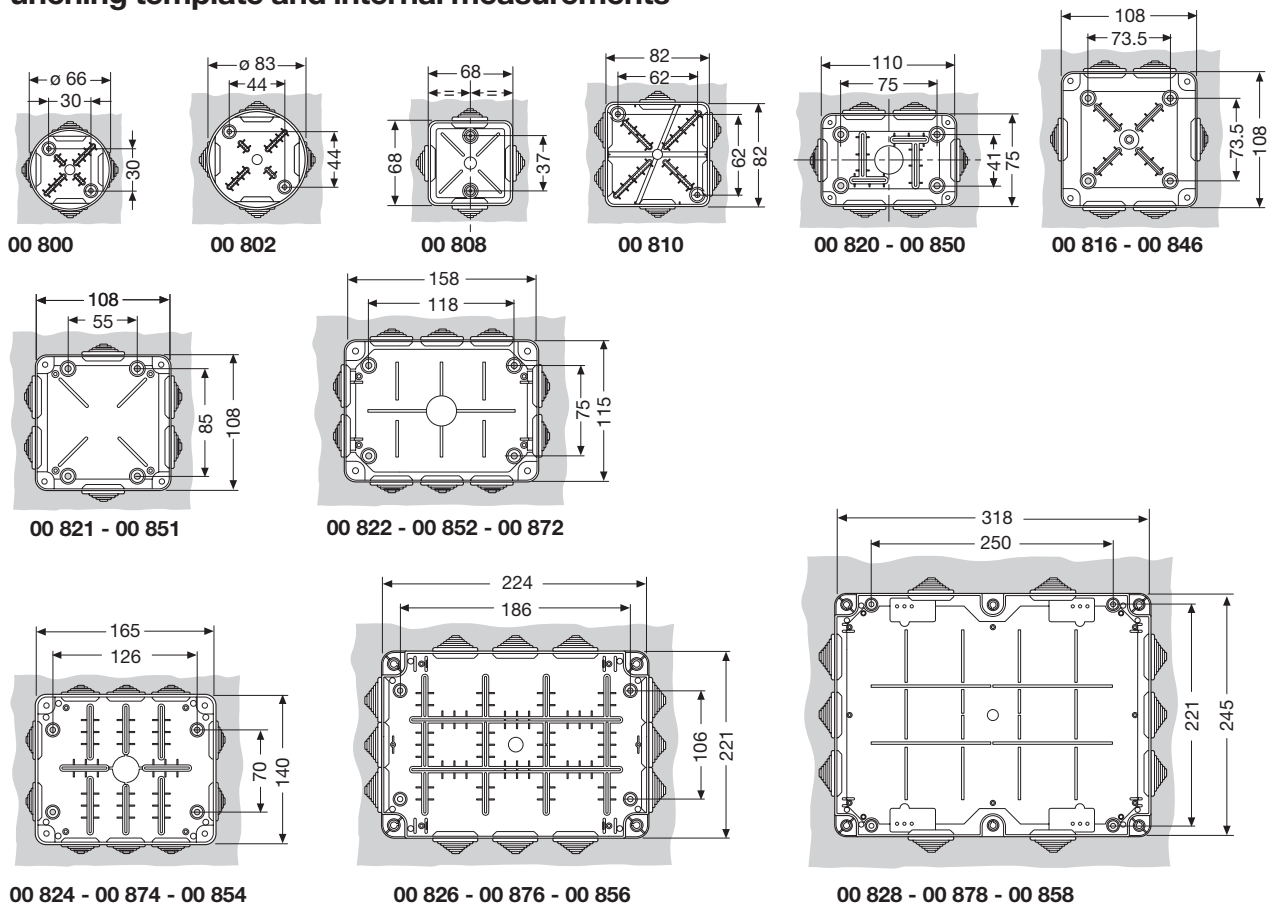
# Overall dimensions

## Trunkings for raised floors

### Side view



### Punching template and internal measurements



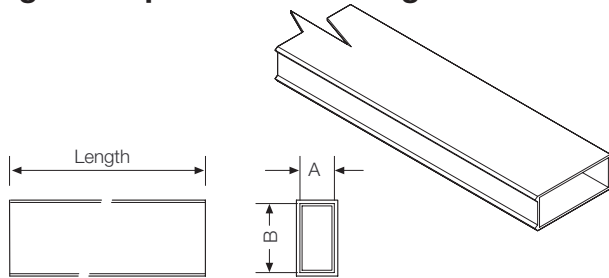
All measurements expressed in millimeters

# Overall dimensions

## Trunkings for traditional floors

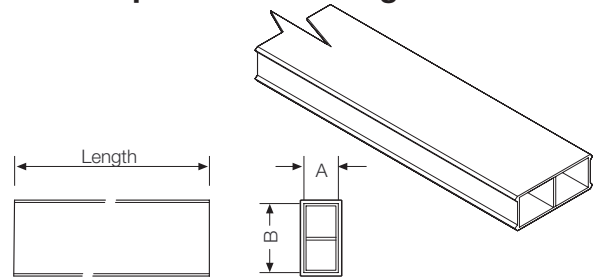
### Scattoplast trunking system

#### Single-compartment trunking



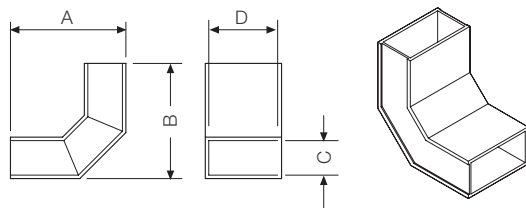
Trunking	Code	A	B	Length
60x30	10 001	30	66	3000
	10 003	30	66	4500
	10 005	30	66	6000
70x30	10 013	30	76	3000
	10 015	30	76	4500
	10 017	30	76	6000

#### Double-compartment trunking



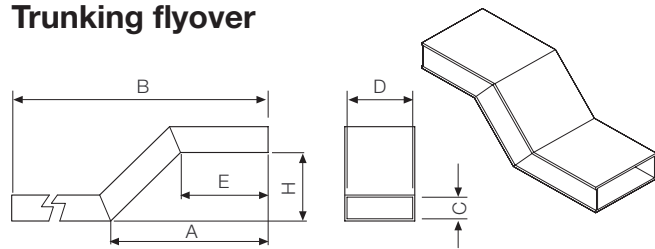
Trunking	Code	A	B	Length
60x30	10 031	30	76	3000
	10 033	30	76	4500
	10 035	30	76	6000
	10 043	30	95	3000
95x30	10 045	30	95	4500
	10 047	30	95	6000

#### 90° riser bend for wall



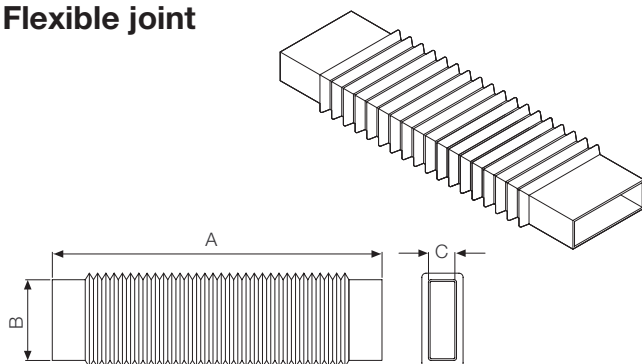
Trunking	Code	A	B	C	D
<b>For double-compartment trunkings</b>					
60x30	10 110	110	110	30	66
70x30	10 111	110	110	30	76
<b>For double-compartment trunkings</b>					
70x30	10 112	130	100	30	76
95x30	10 113	130	100	30	95

#### Trunking flyover



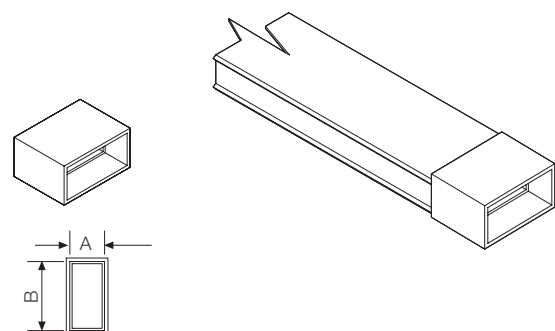
Trunking	Code	A	B	C	D	E	H
<b>For single-compartment trunkings</b>							
60x30	10 115	105	165	30	66	50	30
70x30	10 116	105	165	30	76	50	30
60x30	10 117	105	235	30	66	50	30
70x30	10 118	105	385	30	76	50	30
<b>For double-compartment trunkings</b>							
70x30	10 119	105	165	30	76	50	30
95x30	10 122	105	165	30	95	50	30
70x30	10 120	105	235	35	66	50	30
70x30	10 121	105	385	35	76	50	30
95x30	10 123	105	235	30	95	50	30
95x30	10 124	105	385	30	95	50	30

#### Flexible joint



Trunking	Code	A	B	C
70x30	10 157	400	76	30
95x30	10 158	400	95	30

#### Coupler



Trunking	Code	A	B
60x30	10 101	30	66
70x30	10 102	30	76
95x30	10 103	30	95

All measurements expressed in millimeters

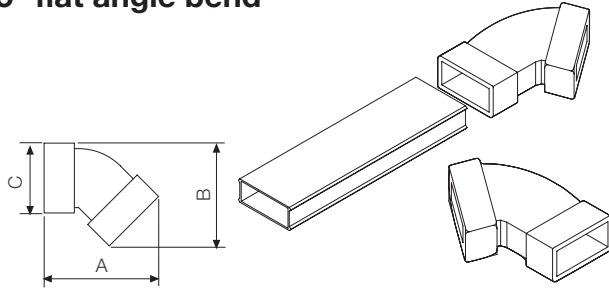
1SLC006007F0901



# Overall dimensions

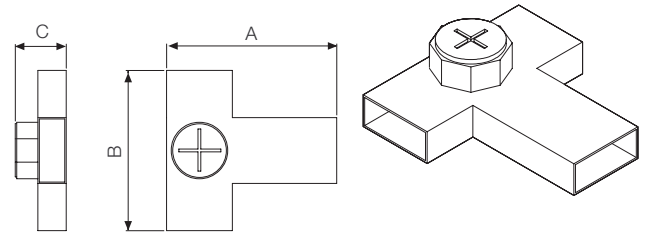
## Trunkings for traditional floors

### 45° flat angle bend



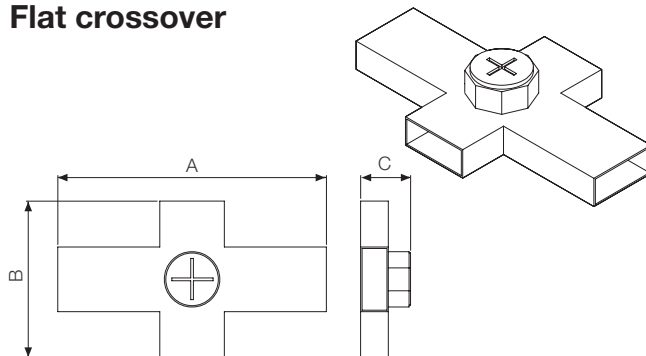
Trunking	Code	A	B	C
60x30	10 105	125	114	72
70x30	10 106	136	122	83
95x30	10 107	169	155	99

### Flat tee



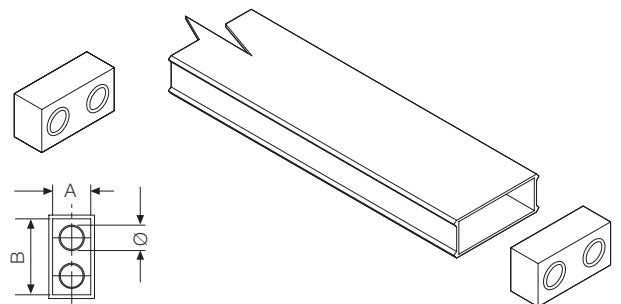
Trunking	Code	A	B	C
For single-compartment trunkings				
60x30	10 145	170	170	55
70x30	10 146	180	170	55
For double-compartment trunkings				
70x30	10 147	180	170	55
95x30	10 148	200	170	55

### Flat crossover



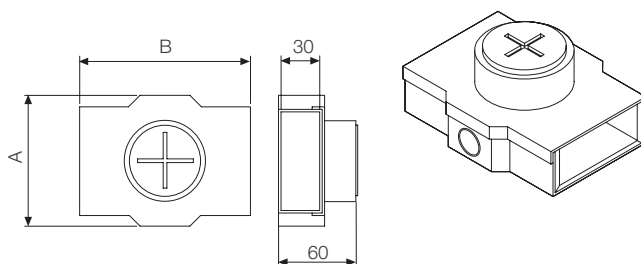
Trunking	Code	A	B	C
For single-compartment trunkings				
60x30	10 150	280	170	55
70x30	10 151	280	170	55
For double-compartment trunkings				
70x30	10 152	280	170	55
95x30	10 153	300	170	55

### End cap



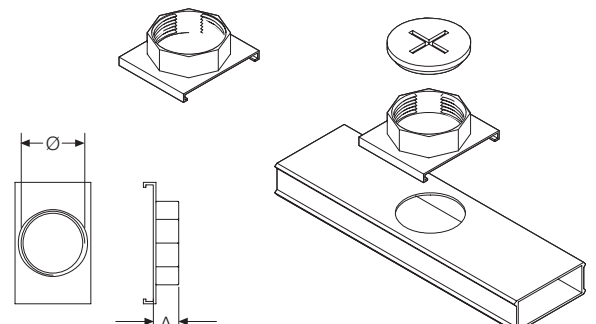
Trunking	Code	A	B	Ø
60x30	10 130	30	66	25
70x30	10 131	30	76	25
95x30	10 132	30	95	25

### Junction or distribution box



Trunking	Code	A	B
60x30	10 155	105	137
70x30	10 156	105	137

### Rapid-mounting cable gland



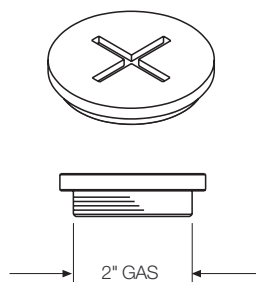
Trunking	Code	A	Ø
60x30	10 135	20	2" GAS
70x30	10 139	20	2" GAS
95x30	10 140	20	2" GAS

All measurements expressed in millimeters

# Overall dimensions

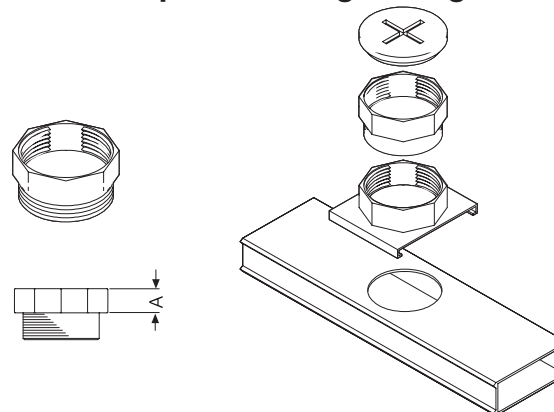
## Trunkings for traditional floors

### Cap for rapid-mounting cable gland



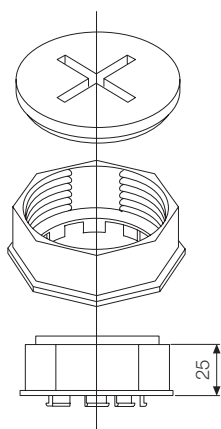
Code
10 136

### Extension for rapid-mounting cable gland



Trunking	Code	A
70x30	10 137	18
95x30	10 138	30

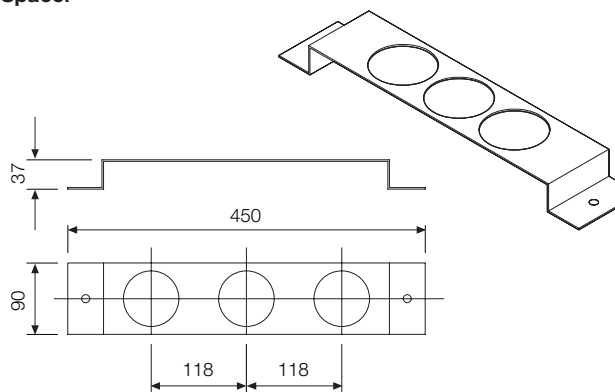
### Cable gland with cap



Trunking	Code
95x30	10 141

### Accessories and tools

#### Spacer



Code
10 180

All measurements expressed in millimeters

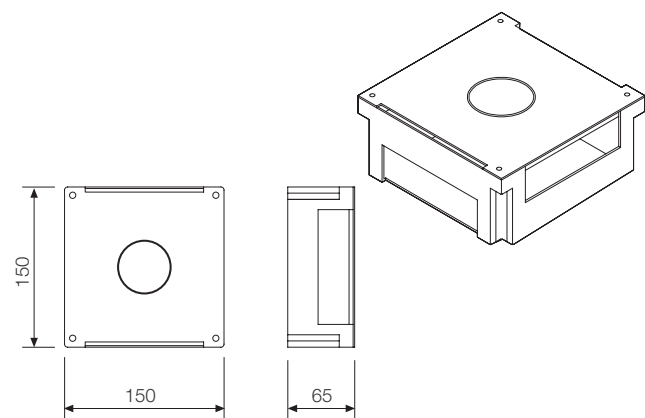
1SLC060609P001

# Overall dimensions

## Trunkings for traditional floors

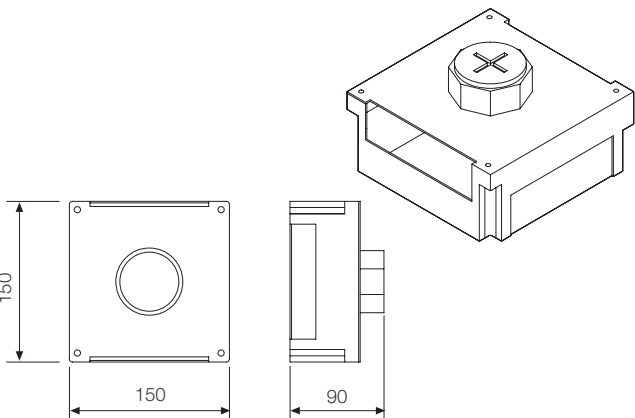
### Junction boxes for the Scattoplast system

#### Box for raised floors



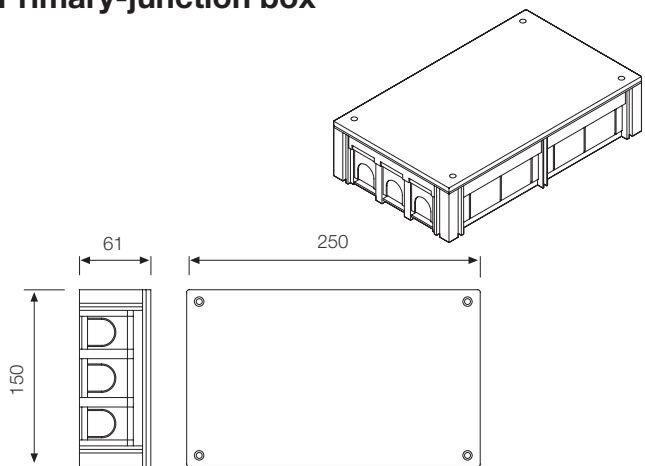
Code  
10 163

#### Box for traditional floors



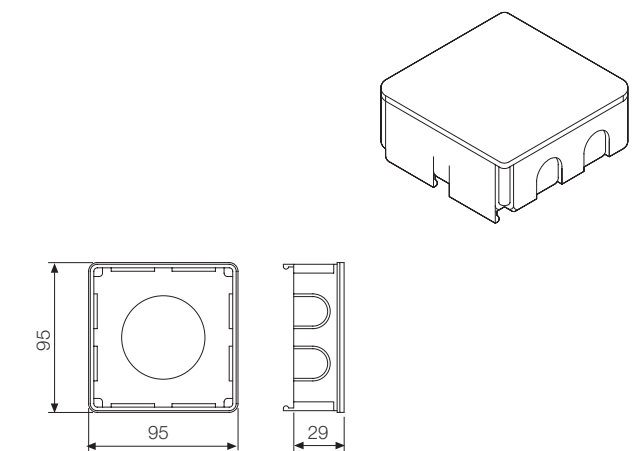
Code  
10 164

#### Primary-junction box



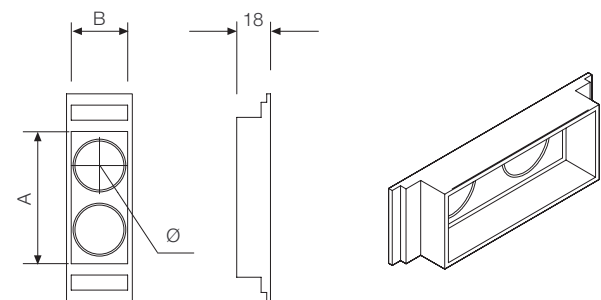
Code  
10 162

#### Secondary-junction box



Code  
10 160  
10 161

#### Bulkheads



Code	AxB	Ø
10 165	70x30	25
10 166	95x30	25

All measurements expressed in millimeters

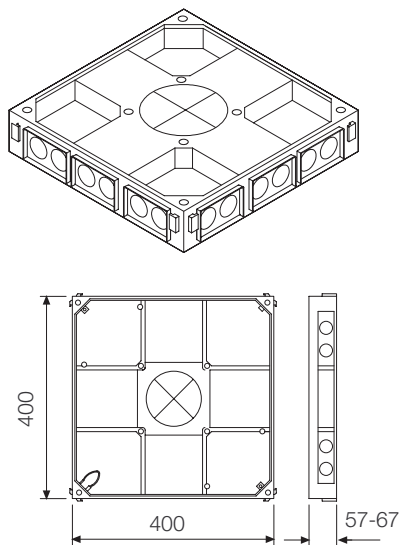
1SLC096010F9901

## Overall dimensions

### Distribution and junction boxes

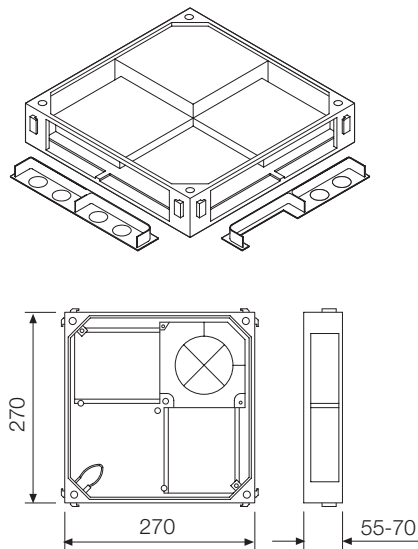
#### Silumin boxes

##### Junction or distribution box



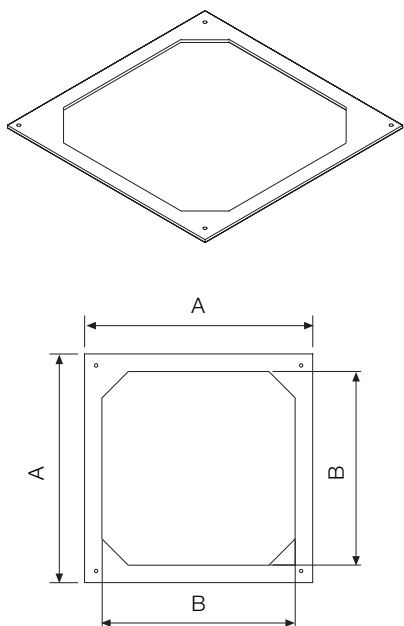
Codice  
10 170

##### Junction or distribution box



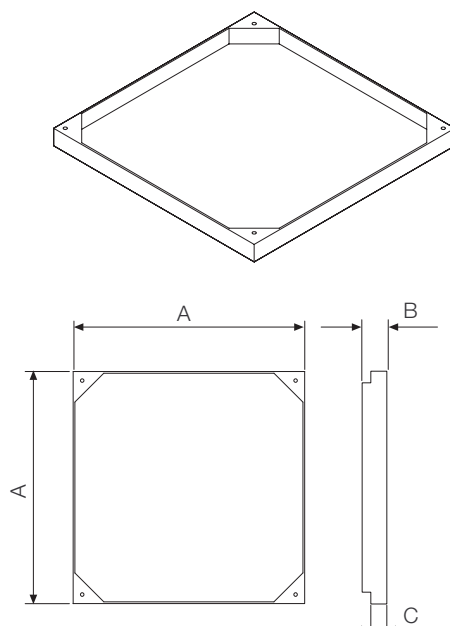
Codice  
10 171

#### Frame



Code	A	B
10 176	282	240
10 178	282	240
10 177	410	347
10 179	410	347

#### Hollow lid



Code	A	B	C	Depth of hollow
10 172	400	13	7	8
10 173	400	27	20	23
10 174	270	13	7	8
10 175	270	27	20	23

All measurements expressed in millimeters

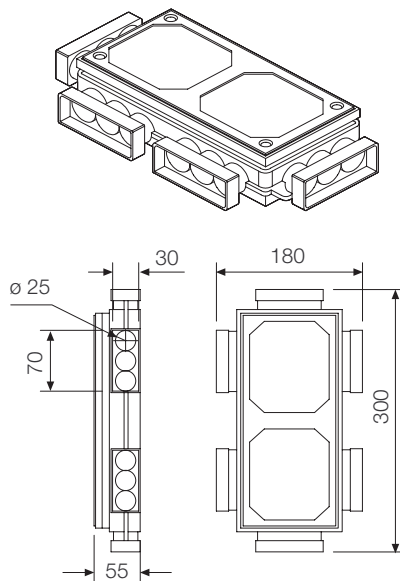
1SLC036012P0901

Overall dimensions

Distribution and junction boxes

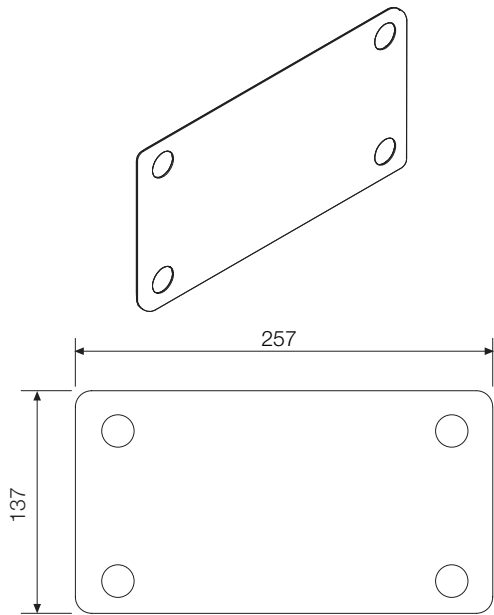
Metal series boxes

Box



Code  
10 401

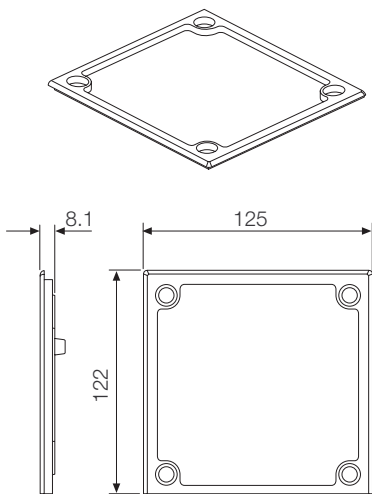
Wire-covering plate for disabled boxes



Code  
10 413  
10 414

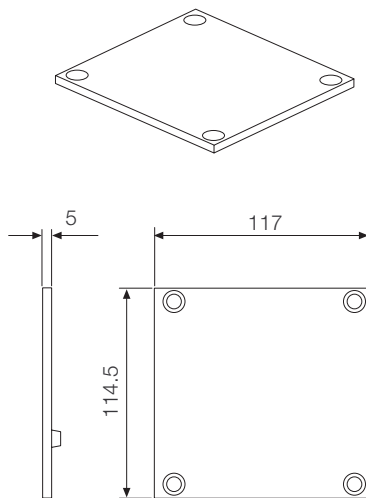
Final lid for disabled boxes

3 mm hollow and wire-covering edges



Code  
10 411

Flat surface



Code  
10 412

All measurements expressed in millimeters

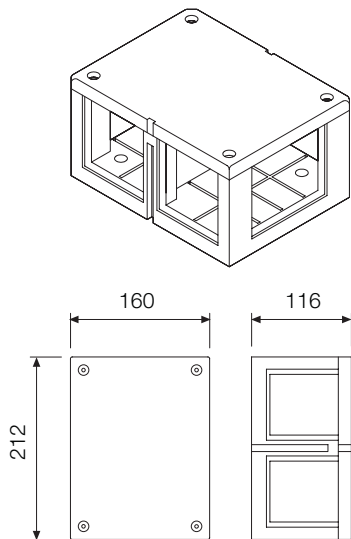


## Overall dimensions

### Distribution and junction boxes

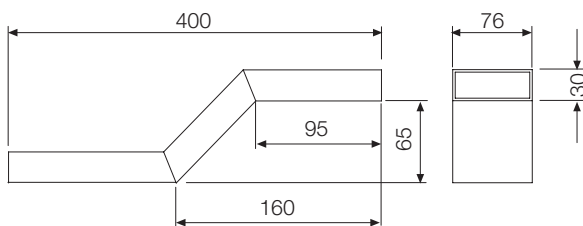
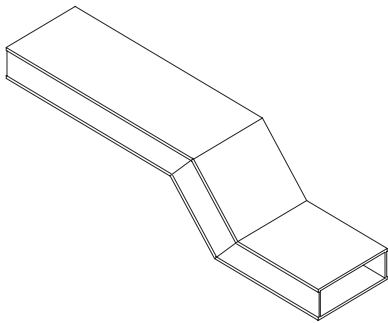
#### Multiplast boxes

##### Multifunctional box



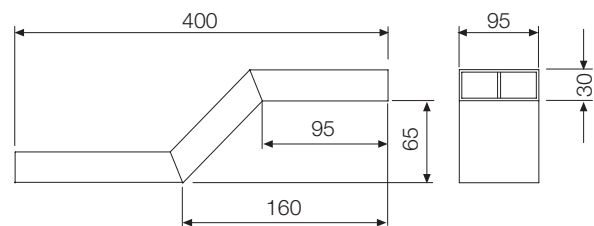
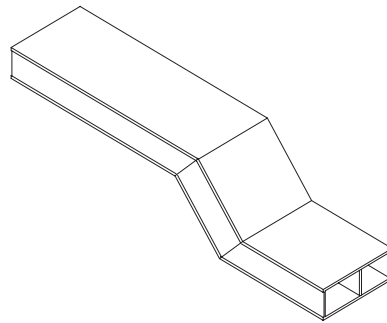
Code  
10 301

##### Coupler for Scattoplast trunkings 70x30 mm



Code  
10 318

##### Coupler for Scattoplast trunkings 95x30 mm



Code  
10 321

All measurements expressed in millimeters

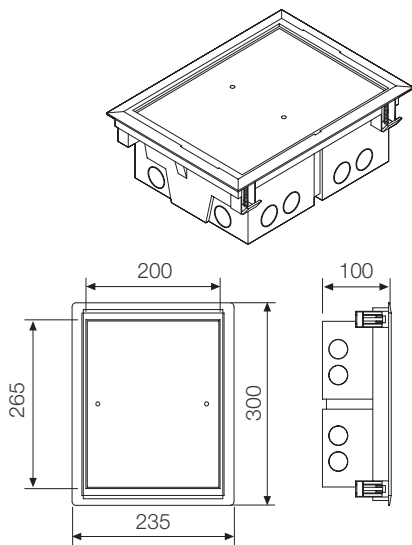
1SLC006014F0001

Overall dimensions

Floor boxes

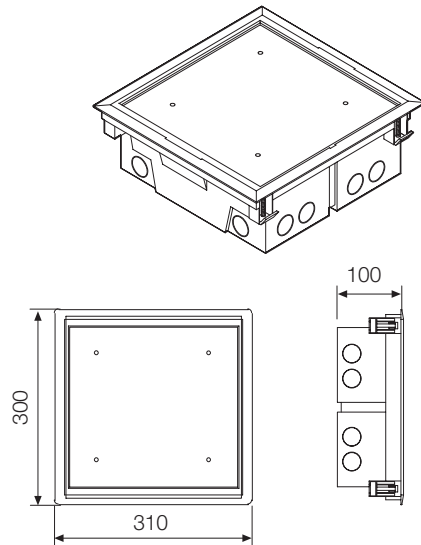
Undernet floor boxes

Floor box for 10 devices



Code	Slot
10 902	275x211
10 903	275x211

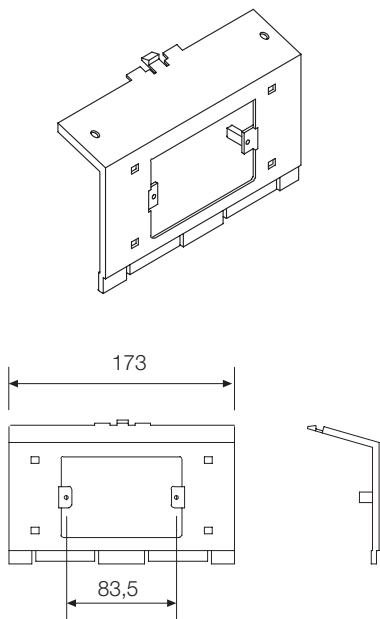
Floor box for 16 devices



Code	Slot
10 900	275x287
10 901	275x287

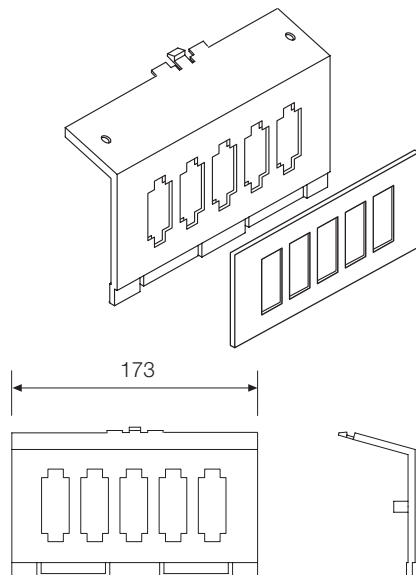
Accessories for Undernet floor boxes 10 devices codes 10 902 and 10 903

Universal support for 5 modular devices



Code
10 918

Universal support for 4 modular devices



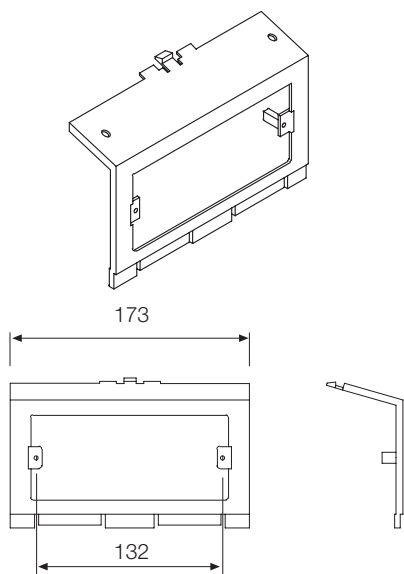
Code
10 919

All measurements expressed in millimeters

# Overall dimensions

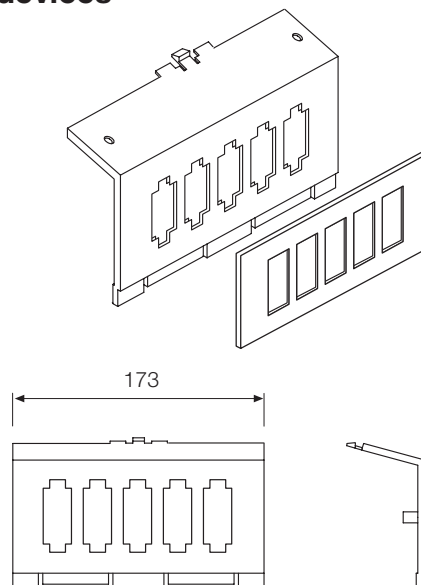
## Floor boxes

### Universal support for 5 modular devices



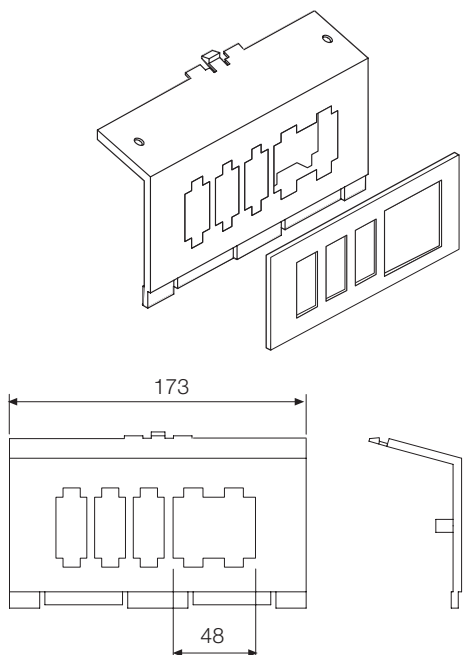
Code  
10 920

### Plate support for 5 Vimar 8000/BTicino Magic devices



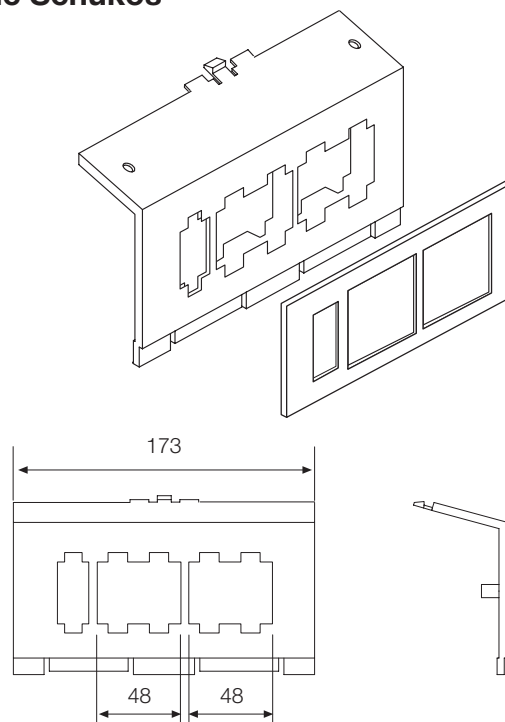
Code  
10 925

### Plate support for 3 devices + 1 BTicino Magic Schuko



Code  
10 926

### Plate support for 1 device + 2 BTicino Magic Schukos



Code  
10 927

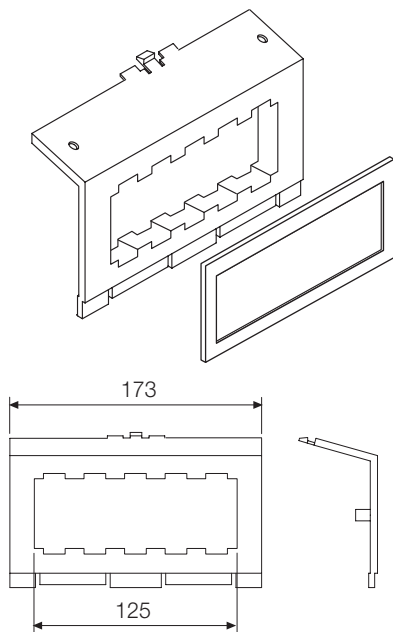
All measurements expressed in millimeters

1SLC006016P001

Overall dimensions

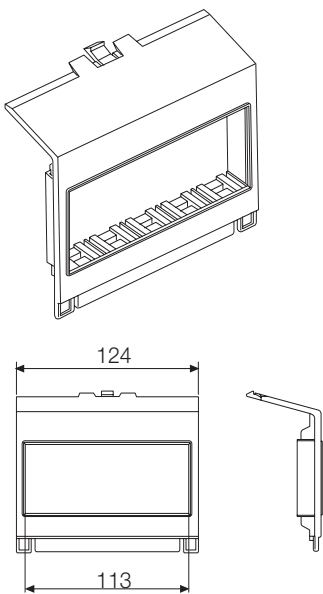
Floor boxes

Plate support for 5 ABB Élos and Vimar Idea/8000 special devices



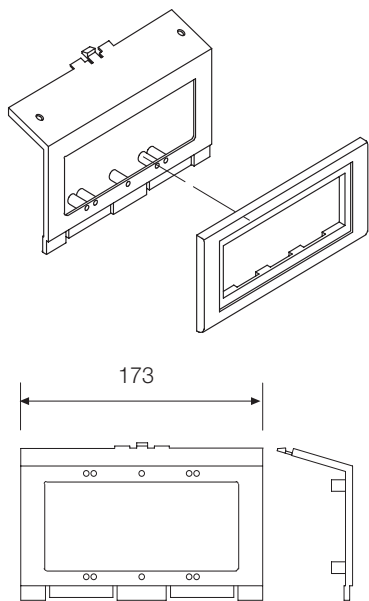
Code	
10 916	ABB Élos
10 928	VIMAR Idea

Plate support for 6 Vimar Plana devices



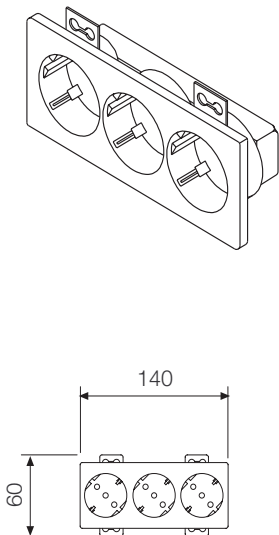
Code	
10 922	

Support for triple Schuko socket code 10 719



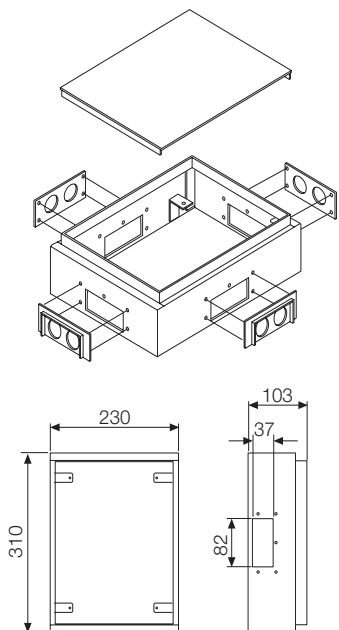
Code	
10 921	

Triple Schuko socket



Code	
10 719	

Flush-mounting metal box for traditional floors, depth 105 mm



Code	
10 930	

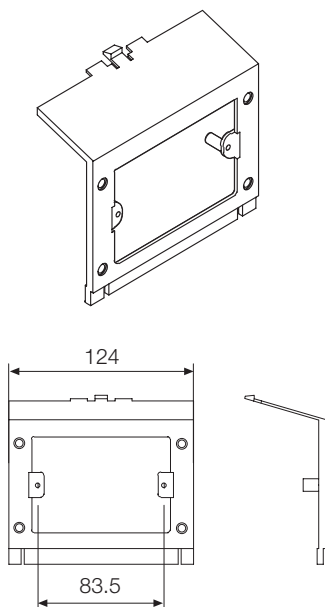
All measurements expressed in millimeters

## Overall dimensions

### Floor boxes

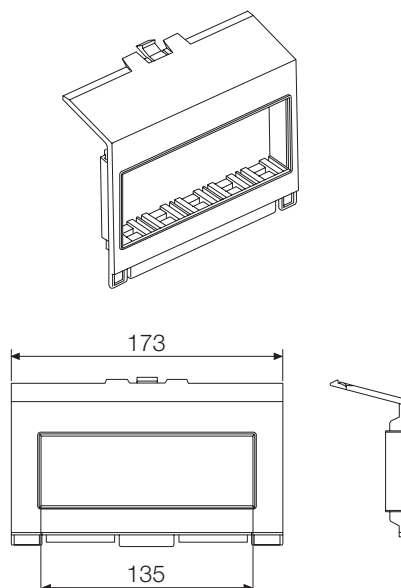
#### Accessories for Undernet floor boxes 16 devices codes 10 900 and 10 901

##### Universal support for 3 devices



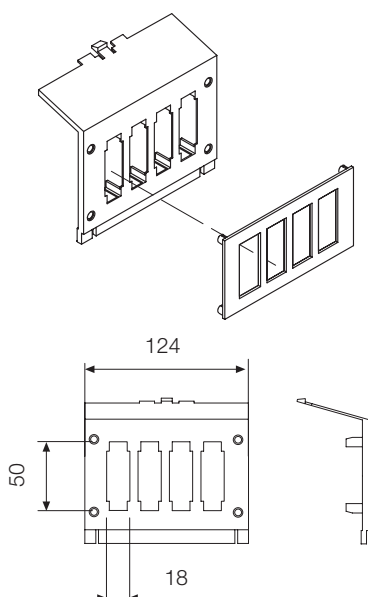
Code  
10 910

##### Plate support for 5 Vimar Plana devices



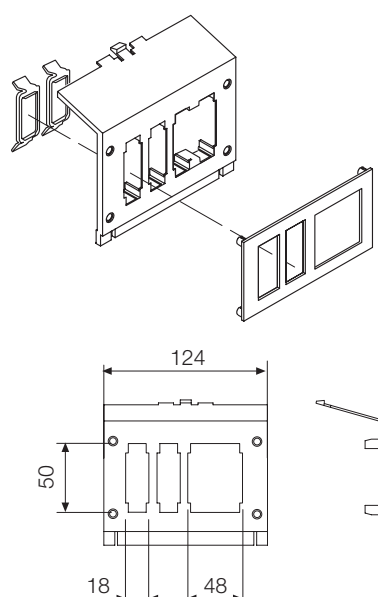
Code  
10 923

##### Plate support for 4 Vimar 8000/BTicino Magic devices



Code  
10 911

##### Plate support for 2 devices + 1 BTicino Magic Schuko



Code  
10 912

All measurements expressed in millimeters

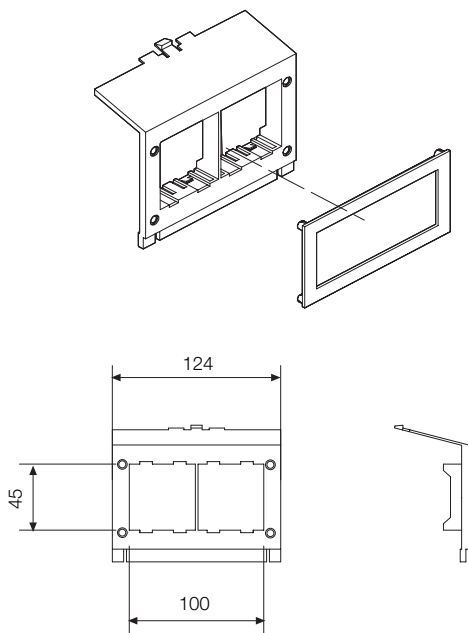
15LCO0601BF0901



Overall dimensions

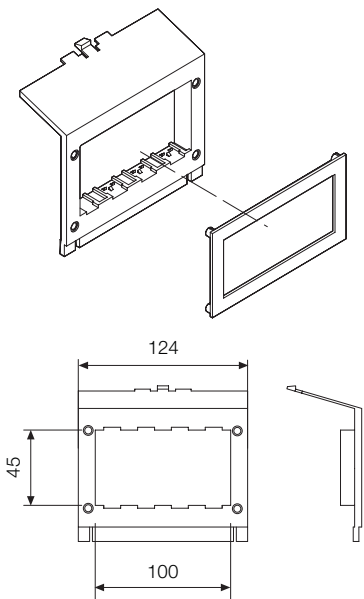
Floor boxes

Plate support for 2 Schukos



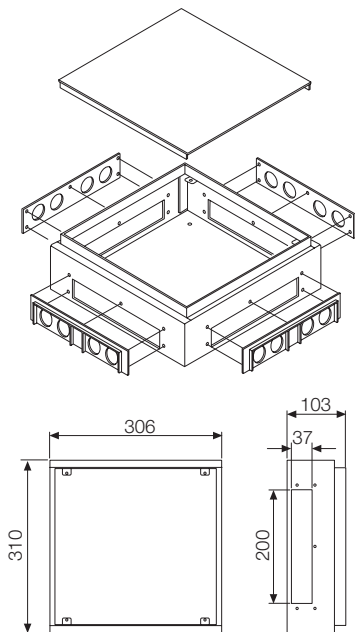
Code  
10 913

Plate support for 4 ABB Élos devices and  
for Vimar Idea/8000 special devices



Code  
10 917 ABB Élos  
10 914 VIMAR Idea

Flush-mounting metal box for traditional  
floors, depth 105 mm



Code  
10 931

All measurements expressed in millimeters

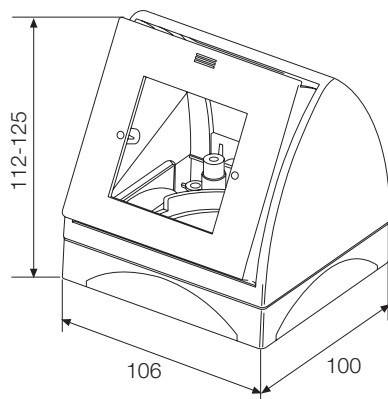
1SLC096019F0901

## Overall dimensions

### Floor boxes

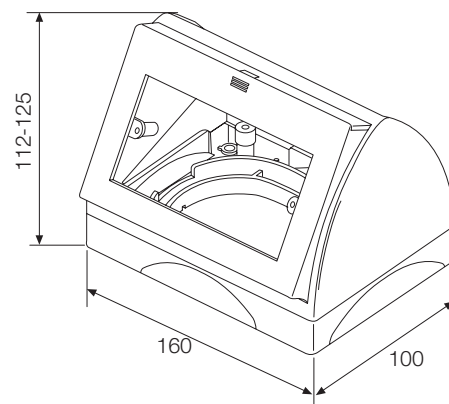
#### Lusy floor boxes

##### Floor box for 2 wiring units



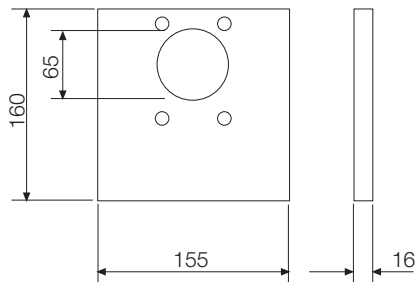
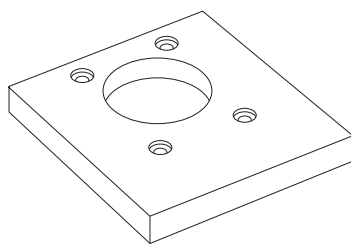
Code  
10 505

##### Floor box for 4 wiring units

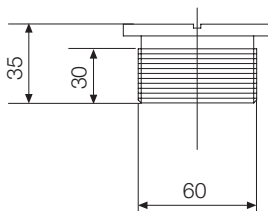
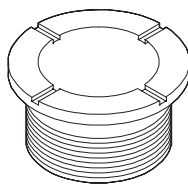


Code  
10 506

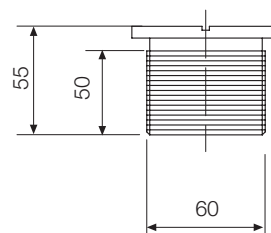
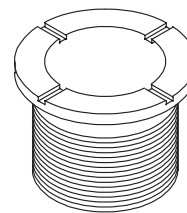
#### Support for Metal series box    Ring nut $\varnothing$ 2"GASx30 mm    Ring nut $\varnothing$ 2"GASx50 mm



Code  
10 533



Code  
10 530



Code  
10 559

All measurements expressed in millimeters

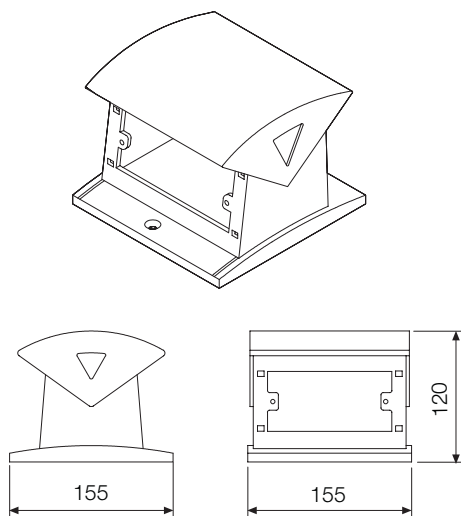
1SLC060207001

Overall dimensions

Floor boxes

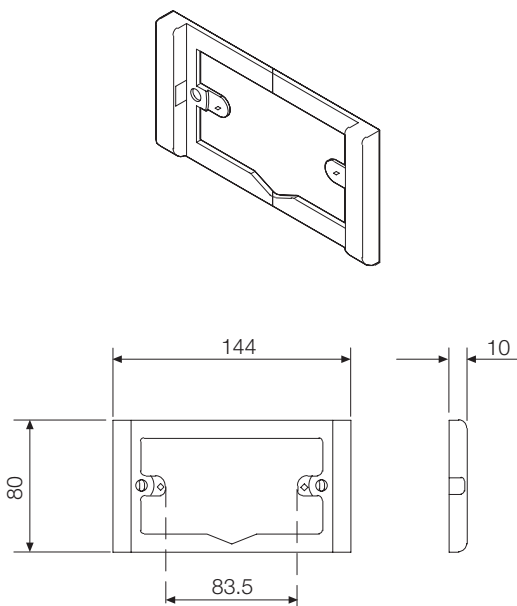
Concept floor boxes

Floor box



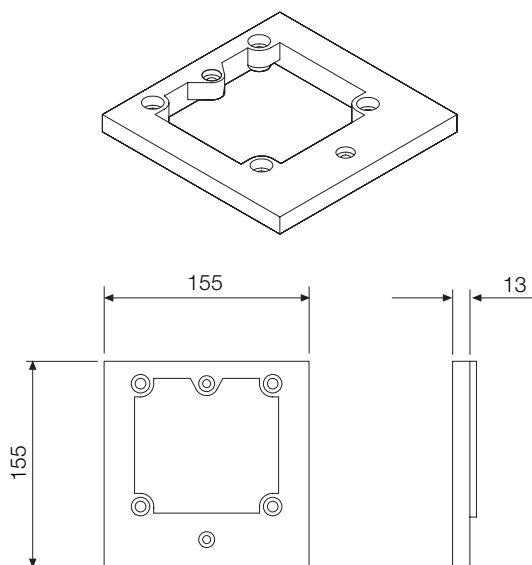
Code
10 501
10 502

Adapter for mounting 3 wiring units



Code
10 522
10 523

Support for Metal series box



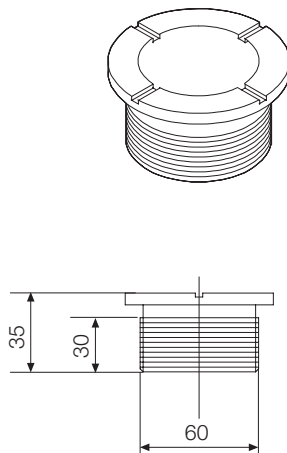
Code
10 524
10 525

All measurements expressed in millimeters

## Overall dimensions

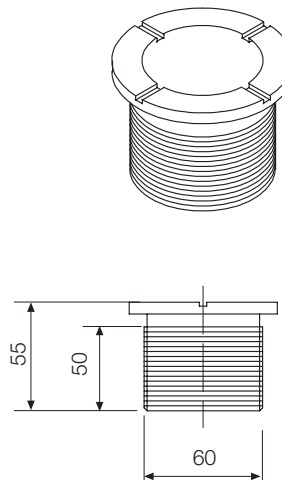
### Floor boxes

Ring nut  $\varnothing$  2"GASx30 mm



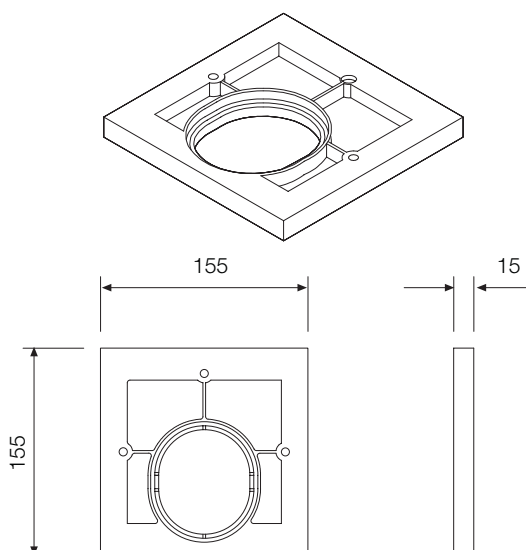
Code  
10 530

Ring nut  $\varnothing$  2"GASx50 mm

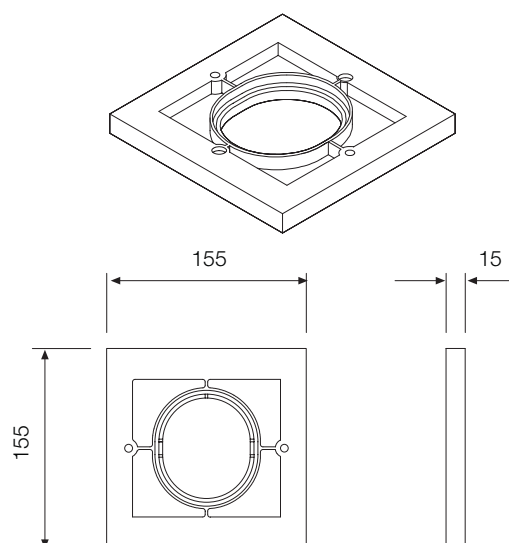


Code  
10 559

Support for Scattoplast



Code  
10 526  
10 527



Code  
10 528  
10 529

All measurements expressed in millimeters

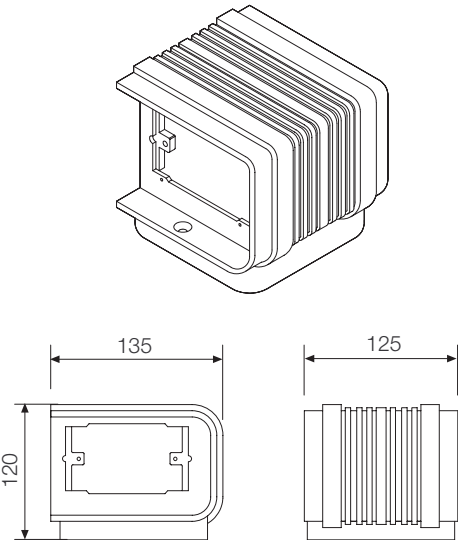
1SLC00602P001

Overall dimensions

Floor boxes

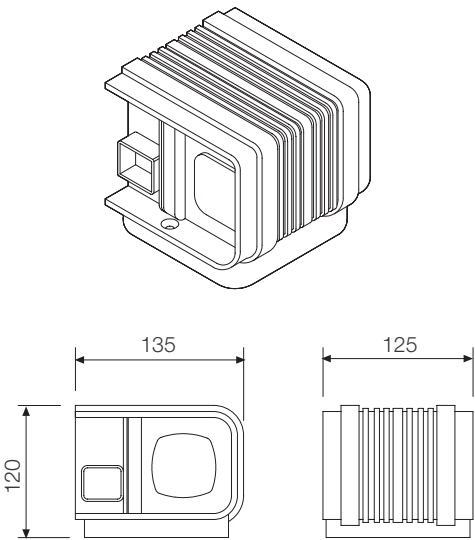
Telec floor boxes

Floor box for electric services



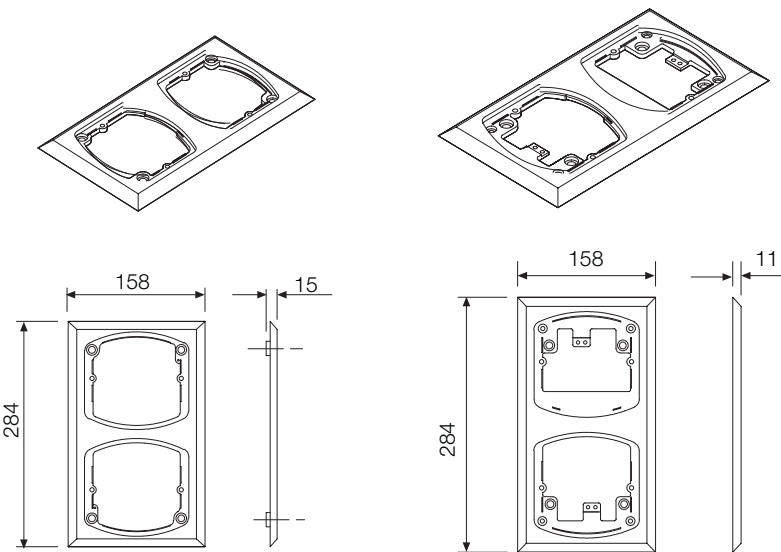
Code  
10 510  
10 512

Floor box for telephone and auxiliary services



Code  
10 511  
10 513

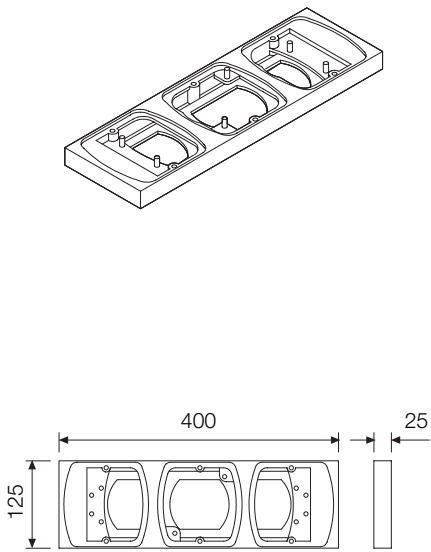
Painted-Silumin support for 2 floor boxes



Code  
10 542

Code  
10 548

Painted-Silumin support for 3 floor boxes



Code  
10 547

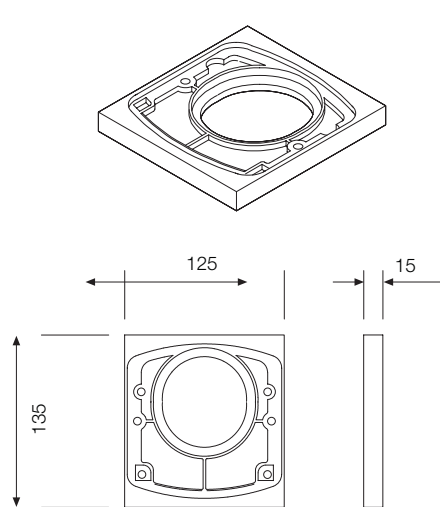
All measurements expressed in millimeters



# Overall dimensions

## Floor boxes

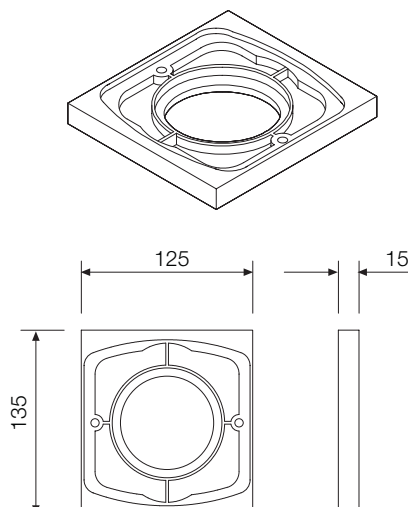
### Plastic-material support



Code

10 543

10 544

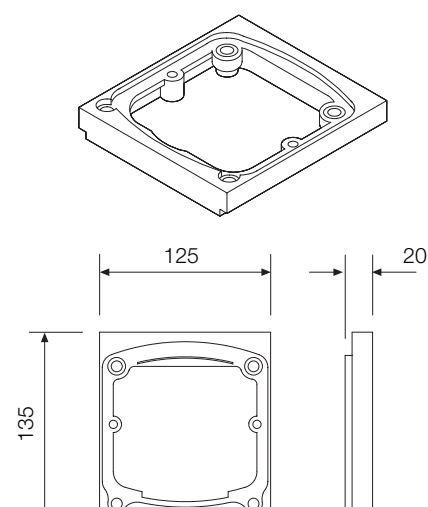


Code

10 545

10 546

### Support for Metal series boxes

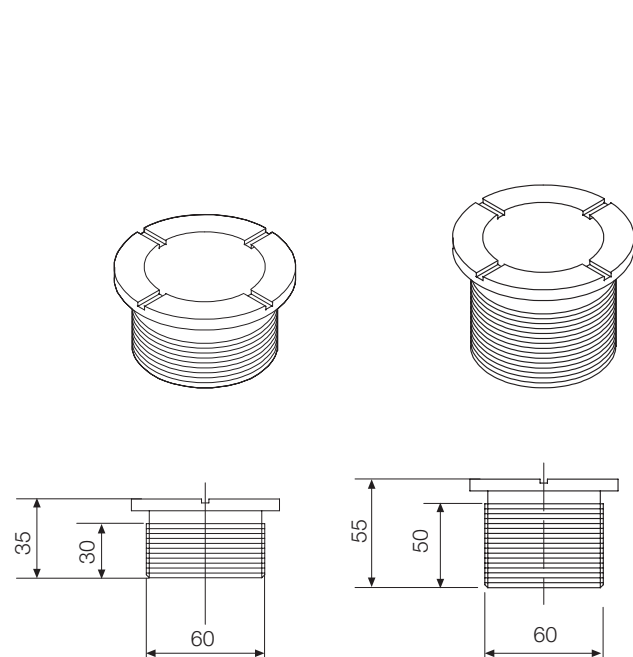


Code

10 550

10 551

### Ring nut $\varnothing$ 2" GASx30 Ring nut $\varnothing$ 2" GASx50 Telemix 60



Code

10 530

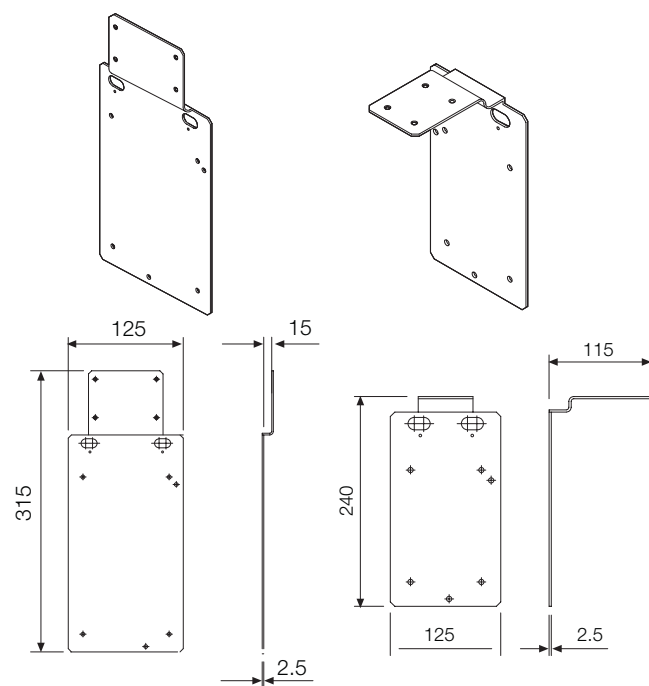
Code

10 559

Code

10 558

### Telemix 60-P



Code

10 560

All measurements expressed in millimeters

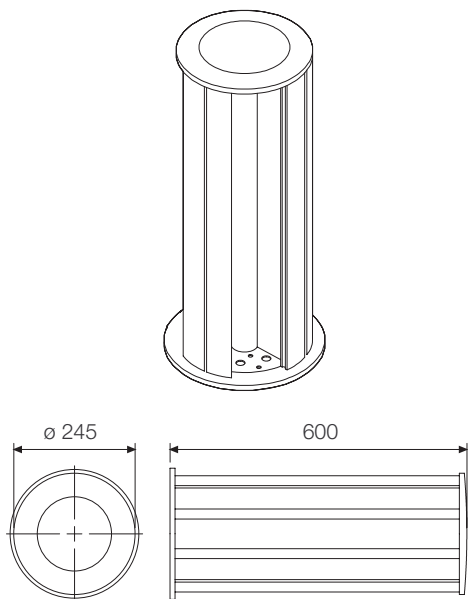
1SLC006024F0001

Overall dimensions

Floor boxes

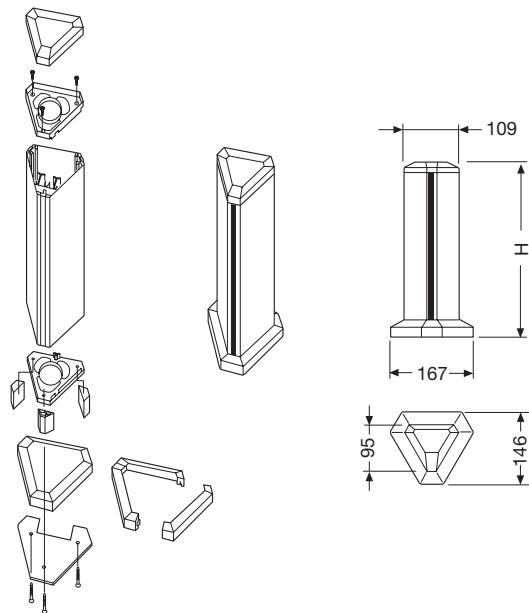
Desk service units

Multivert



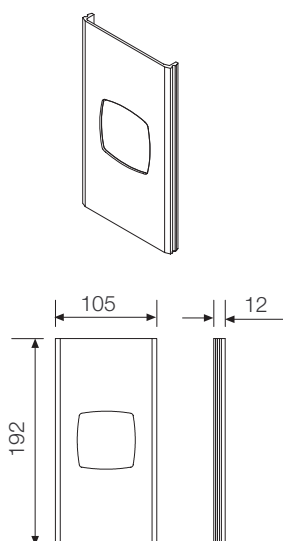
Code
10 601

Aluminium desk service units



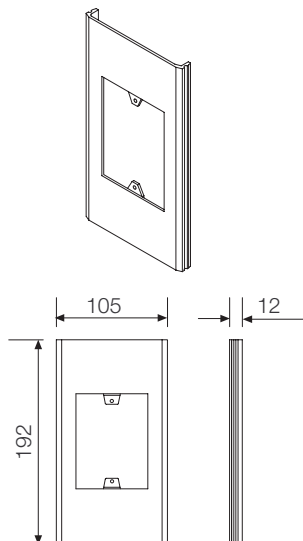
Code	H (mm)
04 870	350
04 871	660
04 872	3000

Panel for Telecom socket



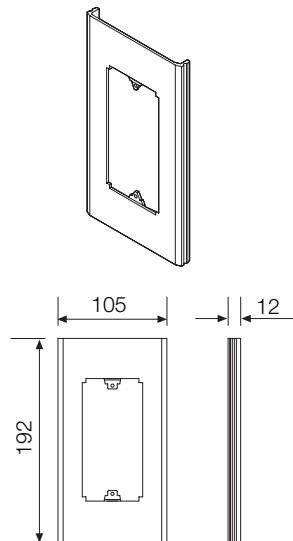
Code
10 611

Panel for max. 3 modular units



Code
10 612

Panel for max. 4 modular units



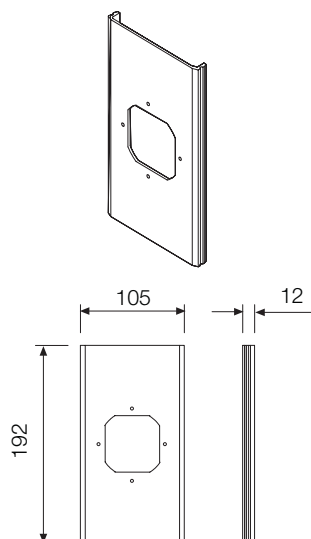
Code
10 613

All measurements expressed in millimeters

# Overall dimensions

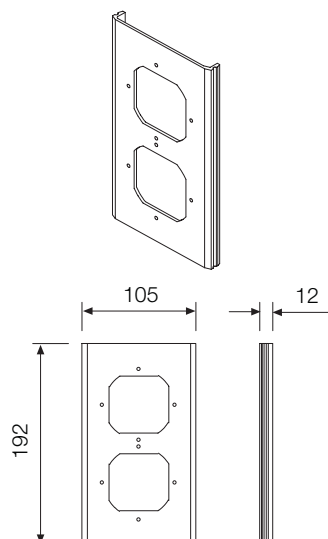
## Floor boxes

**Panel for BUSCH-E 2000 devices**



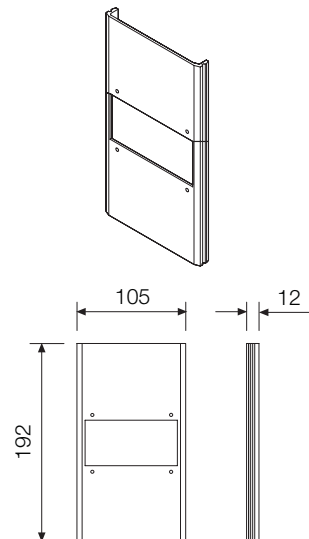
Code  
10 616

**Panel for BUSCH-E 2000 devices (max. 2)**



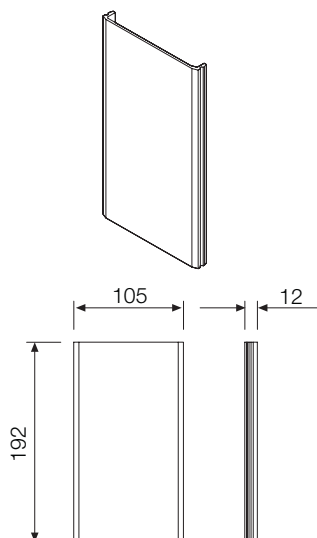
Code  
10 617

**Panel for modular switchboard devices (max. 5 modules)**



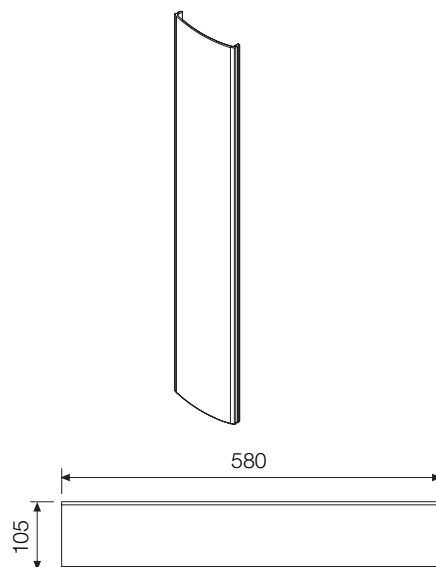
Code  
10 614

**Blank panel**



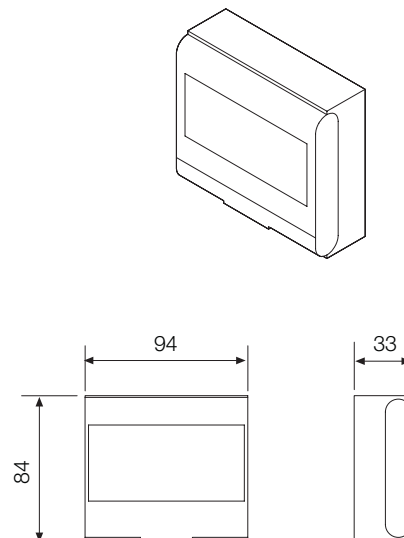
Code  
10 615

**Single closing panel**



Code  
10 618

**MCBs protection cover (max. 5 modules)**



Code  
10 620

All measurements expressed in millimeters

1SLC006026F0001



# Code list

Code	Chapter/Page	Code	Chapter/Page	Code	Chapter/Page
00 420	2/14	06 335	2/7	06 604	2/10
00 421	2/14	06 336	2/7	06 605	2/10
00 422	2/14	06 337	2/7	06 612	2/10
00 423	2/14	06 352	2/8	06 613	2/10
00 424	2/14	06 353	2/8	06 614	2/10
00 425	2/14	06 354	2/8	06 615	2/10
00 430	2/14	06 355	2/8	06 642	2/10
00 431	2/14	06 356	2/8	06 643	2/10
00 432	2/14	06 357	2/8	06 646	2/11
00 433	2/14	06 362	2/8	06 652	2/7
00 434	2/14	06 363	2/8	06 660	2/10
00 435	2/14	06 364	2/8	06 665	2/3
00 800	2/13	06 365	2/8	06 665	2/8
00 802	2/13	06 366	2/8	06 667	2/3
00 808	2/13	06 367	2/8	06 667	2/8
00 810	2/13	06 372	2/8	07 242	2/7
00 816	2/13	06 373	2/8	07 243	2/7
00 820	2/13	06 374	2/8	07 244	2/7
00 821	2/13	06 375	2/8	07 245	2/7
00 822	2/13	06 376	2/8	07 246	2/7
00 846	2/13	06 377	2/8	07 247	2/7
00 850	2/13	06 382	2/8	07 848	2/11
00 851	2/13	06 383	2/8	07 850	2/11
00 852	2/13	06 384	2/8	10 001	3/3
00 872	2/13	06 385	2/8	10 003	3/3
00 908	2/14	06 386	2/8	10 005	3/3
00 910	2/14	06 387	2/8	10 013	3/3
00 912	2/3	06 392	2/9	10 015	3/3
00 912	2/14	06 393	2/9	10 017	3/3
00 931	2/14	06 394	2/9	10 031	3/3
00 932	2/14	06 395	2/9	10 033	3/3
00 933	2/14	06 396	2/9	10 035	3/3
00 934	2/14	06 397	2/9	10 043	3/3
00 935	2/14	06 402	2/9	10 045	3/3
00 936	2/14	06 403	2/9	10 047	3/3
00 937	2/14	06 404	2/9	10 101	3/4
00 938	2/14	06 405	2/9	10 102	3/4
00 941	2/15	06 406	2/9	10 103	3/4
00 942	2/15	06 407	2/9	10 105	3/4
00 943	2/15	06 412	2/9	10 106	3/4
00 944	2/15	06 413	2/9	10 107	3/4
00 945	2/15	06 414	2/9	10 110	3/3
00 946	2/15	06 415	2/9	10 111	3/3
00 947	2/15	06 416	2/9	10 112	3/3
00 948	2/15	06 417	2/9	10 113	3/3
03 871	2/5	06 422	2/9	10 115	3/3
03 873	2/5	06 423	2/9	10 116	3/3
04 858	5/17	06 424	2/9	10 117	3/3
04 860	5/17	06 425	2/9	10 118	3/3
04 862	5/17	06 426	2/9	10 119	3/3
04 864	5/17	06 427	2/9	10 120	3/3
04 870	5/17	06 432	2/7	10 121	3/3
04 871	5/17	06 433	2/7	10 122	3/3
04 872	5/17	06 434	2/7	10 123	3/3
06 312	2/7	06 435	2/7	10 124	3/3
06 313	2/7	06 542	2/9	10 130	3/4
06 314	2/7	06 543	2/9	10 131	3/4
06 315	2/7	06 544	2/9	10 132	3/4
06 316	2/7	06 545	2/9	10 135	3/5
06 317	2/7	06 546	2/9	10 136	3/5
06 332	2/7	06 547	2/9	10 137	3/5
06 333	2/7	06 602	2/10	10 138	3/5
06 334	2/7	06 603	2/10	10 139	3/5

# Code list

Code	Chapter/Page	Code	Chapter/Page	Code	Chapter/Page
10 140	3/5	10 502	5/9	10 917	5/3
10 141	3/5	10 505	5/7	10 918	5/3
10 145	3/4	10 506	5/7	10 919	5/3
10 146	3/4	10 510	5/11	10 920	5/3
10 147	3/4	10 511	5/11	10 921	5/4
10 148	3/4	10 512	5/11	10 922	5/3
10 150	3/4	10 513	5/11	10 923	5/3
10 151	3/4	10 520	5/9	10 925	5/3
10 152	3/4	10 521	5/9	10 925	5/4
10 153	3/4	10 522	5/9	10 926	5/4
10 155	3/5	10 523	5/9	10 927	5/4
10 156	3/5	10 524	5/9	10 928	5/3
10 157	3/4	10 525	5/9	10 930	5/5
10 158	3/4	10 526	5/9	10 931	5/5
10 160	3/7	10 527	5/9	13 874	2/15
10 161	3/7	10 528	5/9	13 875	2/15
10 162	3/7	10 529	5/9	13 876	2/15
10 163	3/7	10 530	5/7	42 522	2/5
10 164	3/7	10 530	5/9	43 405	2/4
10 165	3/7	10 530	5/13	43 408	2/4
10 166	3/7	10 533	5/7	43 475	2/4
10 170	4/3	10 540	5/11	43 488	2/4
10 171	4/3	10 541	5/11	43 555	2/4
10 172	4/3	10 542	5/11	43 566	2/4
10 173	4/3	10 543	5/11	43 632	2/3
10 174	4/3	10 544	5/11	43 682	2/5
10 175	4/3	10 545	5/11	43 900	2/3
10 176	4/3	10 546	5/11	43 902	2/3
10 177	4/3	10 547	5/11	43 920	2/4
10 178	4/3	10 548	5/11	43 922	2/4
10 179	4/3	10 549	5/12	1SL0816A00	2/13
10 180	3/5	10 550	5/11	1SL0820A00	2/13
10 181	3/5	10 551	5/11	1SL0821A00	2/13
10 182	3/5	10 553	5/12	1SL0822A00	2/13
10 183	3/5	10 554	5/12	1SL0824A00	2/13
10 184	3/5	10 555	5/12	1SL0826A00	2/13
10 185	3/5	10 558	5/13	1SL0828A00	2/13
10 186	3/5	10 559	5/7	1SL0830A00	2/13
10 187	3/5	10 559	5/9	1SL0832A00	2/13
10 188	3/5	10 559	5/13	1SL0834A00	2/13
10 301	4/7	10 560	5/13	1SL0846A00	2/13
10 311	4/7	10 601	5/15	1SL0850A00	2/13
10 312	4/7	10 611	5/15	1SL0851A00	2/13
10 313	4/8	10 612	5/15	1SL0852A00	2/13
10 314	4/8	10 613	5/15	1SL0854A00	2/13
10 315	4/8	10 614	5/15	1SL0856A00	2/13
10 316	4/8	10 615	5/15	1SL0858A00	2/13
10 317	4/8	10 616	5/15	1SL0860A00	2/13
10 318	4/9	10 617	5/15	1SL0862A00	2/13
10 319	4/7	10 618	5/15	1SL0864A00	2/13
10 320	4/7	10 620	5/15	1SL0872A00	2/13
10 321	4/9	10 719	5/5	1SL0874A00	2/13
10 322	4/9	10 900	5/3	1SL0876A00	2/13
10 323	4/8	10 901	5/3	1SL0878A00	2/13
10 324	4/9	10 902	5/3	1SL0880A00	2/13
10 325	4/8	10 903	5/3	1SL0882A00	2/13
10 326	4/7	10 910	5/3	1SL0884A00	2/13
10 401	4/5	10 911	5/3		
10 411	4/5	10 911	5/4		
10 412	4/5	10 912	5/4		
10 413	4/5	10 913	5/4		
10 414	4/5	10 914	5/3		
10 501	5/9	10 916	5/3		







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Due to possible developments of standards as well as of materials, the characteristics and dimensions specified in this document may only be considered binding after confirmation by ABB SACE.

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