Multibox®

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Multibox®
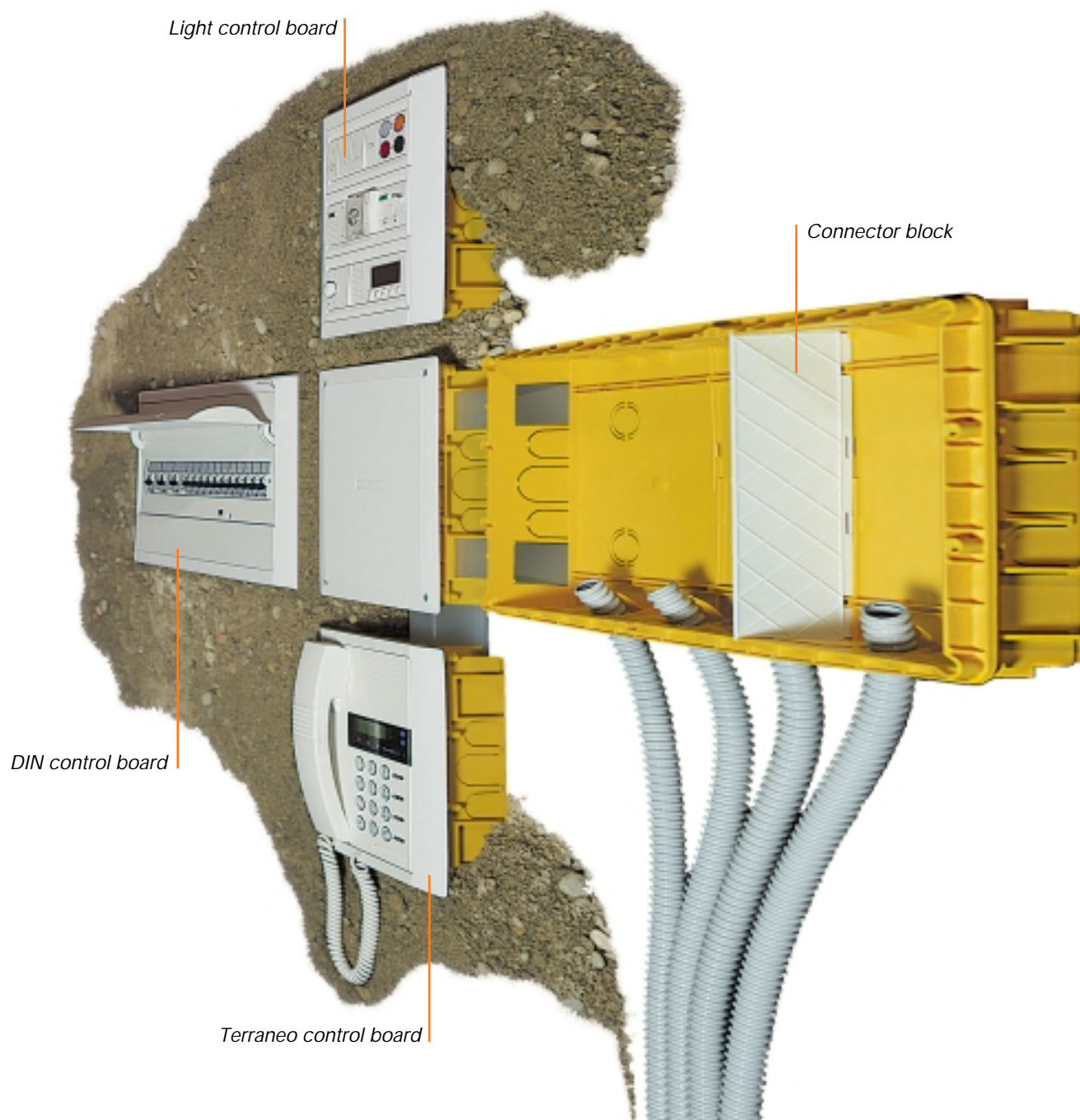
Main features

Main features

Multibox is a series of plastic housings designed to solve any installation requirement in the residential and services sector.

Light control board

Connector block

DIN control board

Terraneo control board

bticino®

Main features

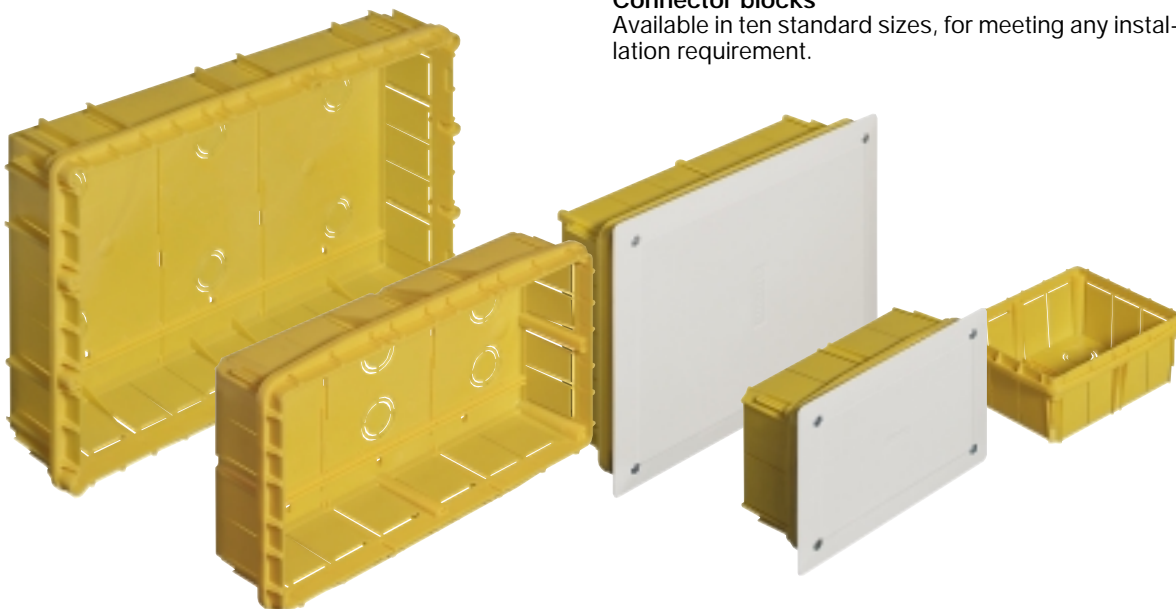**The range**

Multifunction boxes
For the installation and centralisation of:
- Living International, Light, Light Tech and Magic TT wiring accessories;
- Terraneo telephone and audio door entry systems;
- Circuit breakers and DIN devices;
- 9W emergency lights.

Connector blocks
Available in ten standard sizes, for meeting any installation requirement.

Multibox®

Main features

Multifunction boxes

These peculiar boxes, which are available in 5 modular sizes for flush mounting, allow the realisation of different centralised functions (safety, temperature control, door entry system etc.) with devices of the modern wiring accessories series, Btdin and Terraneo Pivot series.

Special installation kits are used for the centralisation of the devices in multifunction boxes, that are formed by a frame and a series of finishing covers available in four different colours: Light white, Living grey, chrome and Magic ivory.
The Living International, Light, Light Tech and Magic TT devices are clipped on this installation kit by means of special device-holding supporting frames; the Terraneo devices are mounted through plastic supporting frames item 16121 and 16122.
The Btdin modular devices are mounted by means of a special control board formed by a supporting frame with DIN rail and a front cover panel available in Light white or Living grey.

Multifunction control board
for Light Tech devices
and chrome finishing cover


Living grey
control board
with Btdin devices

Modularity

Thanks to the common sizes as regards both width and depth, the multifunction boxes can be coupled vertically as well as horizontally. This possibility allows the realisation of centralised control boards with devices of the modern wiring accessories series and Btdin and Terraneo equipment, that can meet any installation requirement, even the most studied ones.
For the coupling of two or more boxes, one must use the plastic side panels item 16100GV and 16100GO, which allow the cables passing through from a box to the next one, in addition to the mechanical connection. The space between two boxes coupled horizontally can be hidden by a special finishing panel that gives aesthetical continuity to the two boxes.
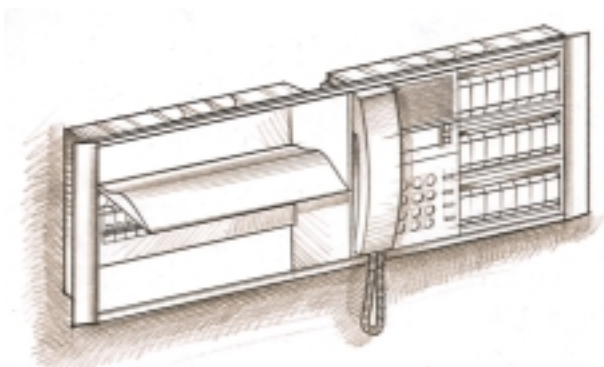

Side panel
item 16100GO

Finishing panel
item 16100FI

Multifunction control board
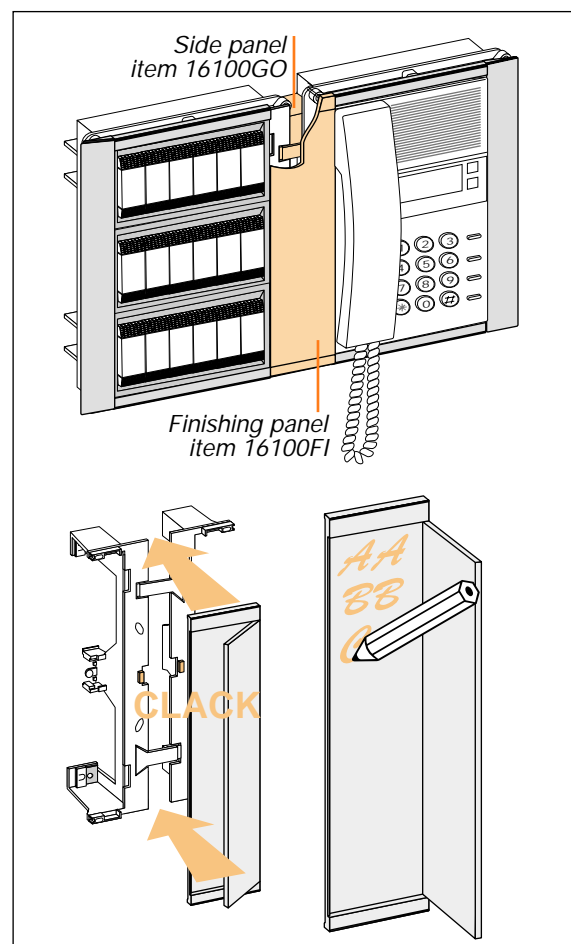
Installation of the finishing cover panel

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Main features

The advantages of multifunction boxes
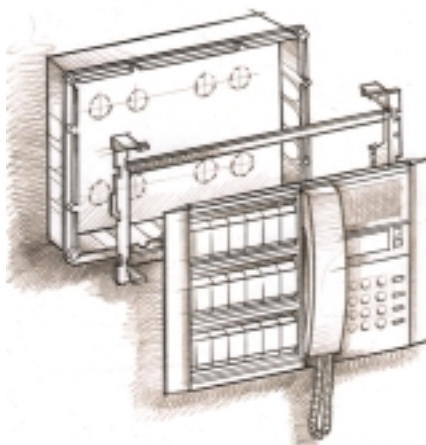
Centralisation of all functions
● Aesthetical integration of several functions.
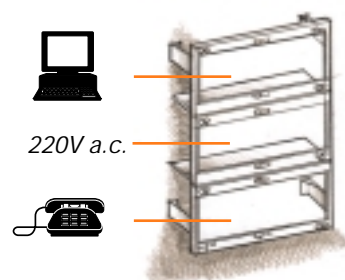● Horizontal and vertical modularity.

Flexibility of installation

Side by side mounting panel for identifying the functions of the mounted devices

Single installation kit for mounting Living International, Light, Light Tech and Terraneo devices into the same box

220V a.c.

Device-holding supporting frame, pre-set for the circuits separation (up to 18 modules can be installed)

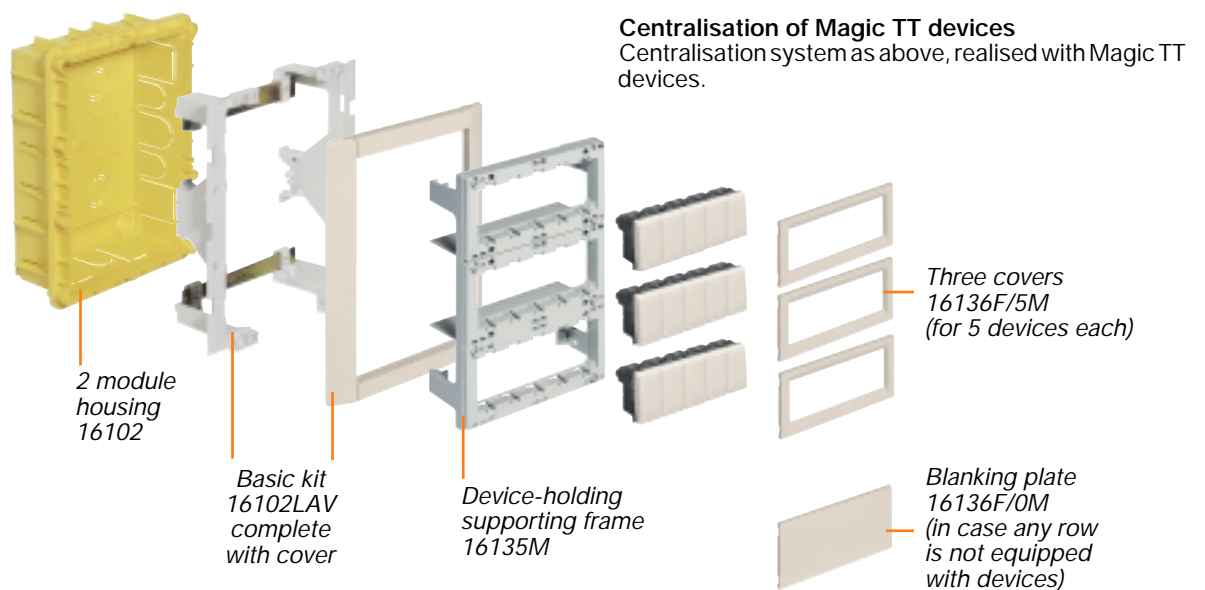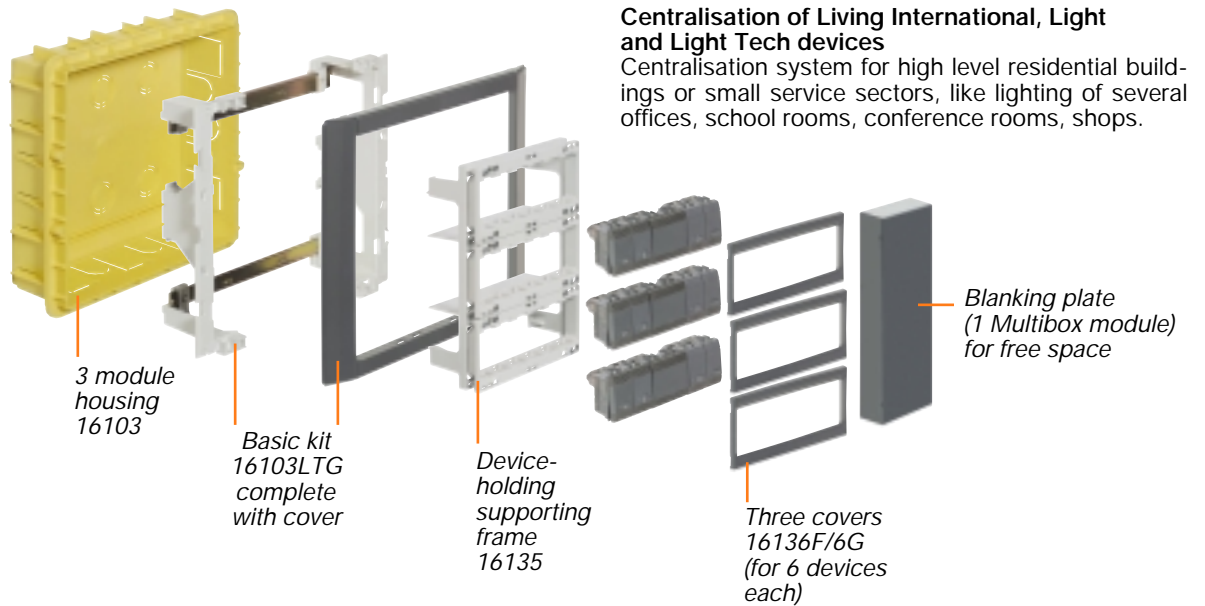Blanking plate for closing the cabling space

Blanking plate for aesthetical finish of the unused spaces

Possibility of mounting doors for devices protection

Multibox®

Main features

Centralisation of Living International, Light and Light Tech devices
Centralisation system for high level residential buildings or small service sectors, like lighting of several offices, school rooms, conference rooms, shops.

*3 module
housing
16103*

*Basic kit
16103LTG
complete
with cover*

*Device-
holding
supporting
frame
16135*

*Three covers
16136F/6G
(for 6 devices
each)*

*Blanking plate
(1 Multibox module)
for free space*

Centralisation of Magic TT devices
Centralisation system as above, realised with Magic TT devices.

*2 module
housing
16102*

*Basic kit
16102LAV
complete
with cover*

*Device-holding
supporting frame
16135M*

*Three covers
16136F/5M
(for 5 devices each)*

*Blanking plate
16136F/0M
(in case any row
is not equipped
with devices)*

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Main features

Control board with DIN devices
Suitable for residences for protection and sectioning of the apartment (through Btdin circuit breakers), together with power supplies for audio door entry systems or intrusion detection systems. Circuits control and protection in the services sector or small industries.

4 module housing 16104

Supporting frame with DIN35 rail and frame, supplied with front cover plate for 14 DIN modules item 16144/14DF

Terraneo telephone or door phone, wall mounting
The ideal solution for residential villas with several intercom internal units.

Terraneo telephone/ door phone, standard Pivot series

2 module housing 16102

Basic kit 16102LTG

Supporting frame 16122

9W emergency light
Aesthetical and functional integration in both the small services and the residential sector (the emergency light takes 2 Multibox modules).

9W emergency light
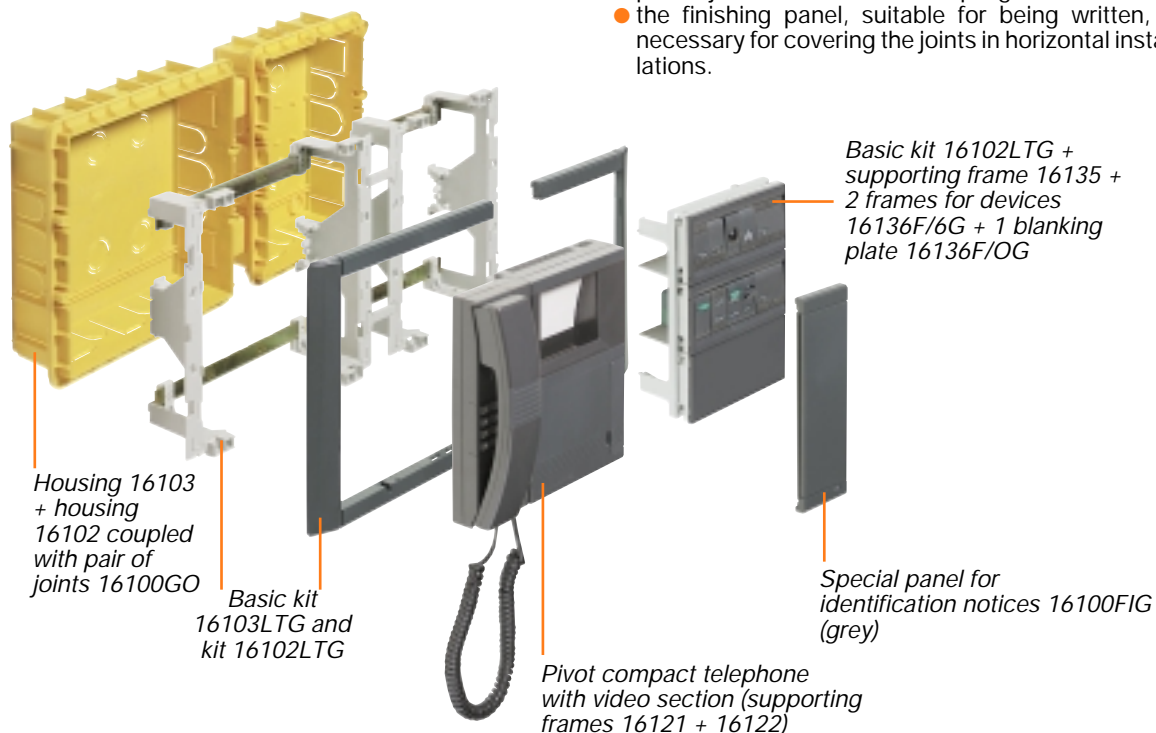
2 module housing 16102

Basic kit 16102LTG

Multibox®

Main features

Horizontal modularity

The horizontal modularity makes the integration possible between a video door entry system and wiring accessories.

This is a typical situation in porter's lodges, professional offices and similar environments.
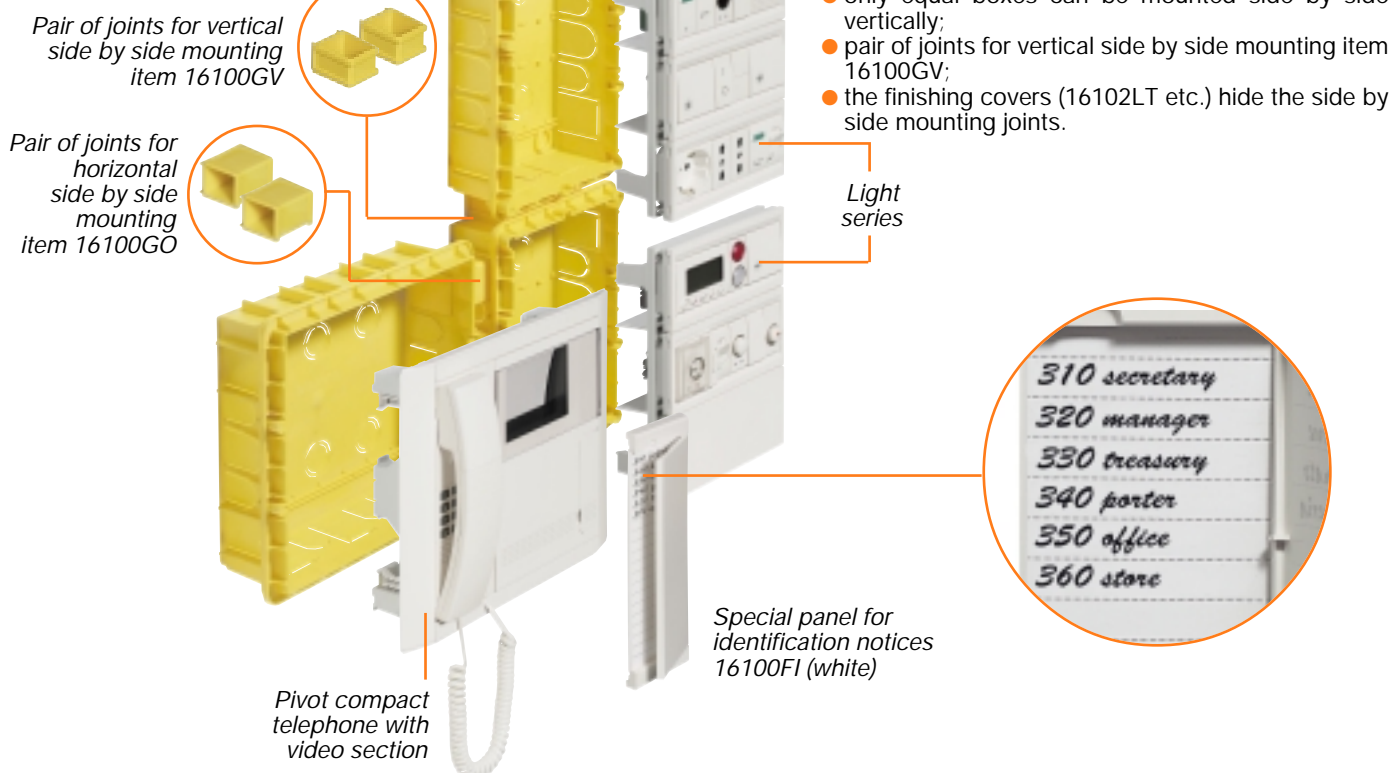- all housings can be coupled horizontally;
- pair of joints for horizontal coupling item 16100GO;
- the finishing panel, suitable for being written, is necessary for covering the joints in horizontal installations.

Basic kit 16102LTG + supporting frame 16135 + 2 frames for devices 16136F/6G + 1 blanking plate 16136F/OG

Housing 16103 + housing 16102 coupled with pair of joints 16100GO

Basic kit 16103LTG and kit 16102LTG

Pivot compact telephone with video section (supporting frames 16121 + 16122)

Special panel for identification notices 16100FIG (grey)

Vertical/horizontal modularity

Pair of joints for vertical side by side mounting item 16100GV

Pair of joints for horizontal side by side mounting item 16100GO

The vertical modularity with centralisation of wiring accessories devices. It easily solves almost all problems of horizontal space.
- only equal boxes can be mounted side by side vertically;
- pair of joints for vertical side by side mounting item 16100GV;
- the finishing covers (16102LT etc.) hide the side by side mounting joints.

Light series

Pivot compact telephone with video section

Special panel for identification notices 16100FI (white)

310 secretary
320 manager
330 treasury
340 porter
350 office
360 store

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Main features

Branch boxes

The Multibox branch boxes represent the best possible solution for any installation requirement. In fact, they are realised in a highly shock-resistant plastic material and are fitted, along the sides, with large both round and square knockouts, to suit different pipes sections.

The boxes are pre-arranged along the sides for being equipped with special elements for side by side mounting of two or more boxes, both vertically and horizontally.

By means of plastic partition elements, the internal space of the bigger boxes can be further subdivided into up to three spaces.

Pre-arrangement for rigid couplings, both horizontal and vertical

External peripheral stiffening ring

Large rectangular knockouts on all sides

Coupling

Pre-arrangement for DIN rail, internal partitions, cable ties

The boxes closing lids are realised by introducing project solutions that make the installation considerably easier:
- strengthened structure;
- bigger sizes;
- fixing through adjustable screws;
- satin finished surface for ease of painting;
- satin zones inside the covers for writing;
- the covers, complete with fixing screws, are available as spares, separately from the boxes (item 16201C, 16202C, etc.).
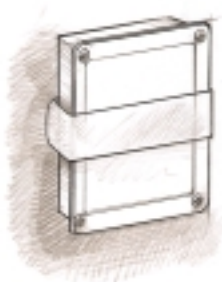
Satin zone inside the cover for writing purposes

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Main features

The advantages of branch boxes

The Multibox branch boxes are characterised by following pluses:
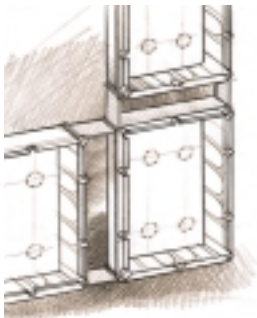
Functional packing

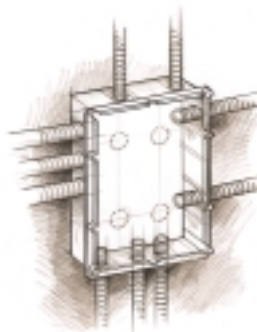The boxes are sold complete with cover in an easy to remove packing

Cover and screws are packed together, in order not to lose the screws after having walled up the boxes. They are also available as spare parts, separately from the boxes (item 16201C, 16202C, etc.)
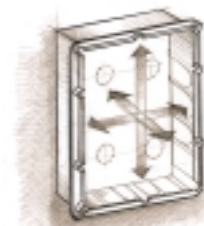
Flexibility of use

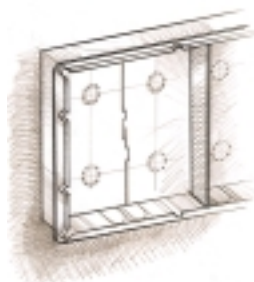Horizontal and vertical modularity through coupling elements

Large knockouts for pipes entrance

Big space for cabling

Longer screws for cover fixing

The covers are strong, large and can be easily adjusted; thanks to their satin finish, they can be easily painted

Catalogue – Multifunction boxes

16101

16102

16103

16104

16105

Modular flush mounting multifunction boxes – suitable for vertical and horizontal side by side mounting – made of shock-proof resin

Item	Internal dimensions (mm)	External dimensions (mm)
16101	84x218x69	110x243x70
16102	154x218x69	180x243x70
16103	224x218x69	250x243x70
16104	294x218x69	320x243x70
16105	364x218x69	390x243x70

16100GO

16100GV

Pair of resin joints for coupling and horizontal and vertical side by side mounting of two or more boxes

Item	For coupling
16100GO	horizontal
16100GV	vertical

Note: For detailed technical info, please see page 16-17

Multibox®

Catalogue – Accessories for multifunction boxes

16101...5LT

16101...5LTG

16101...5LCR

Kit for the installation of Living International, Light, Light Tech and Terraneo devices (Pivot series) into the multifunction boxes, complete with finishing side frames

Item white	Item grey	Item chrome	For box item
16101LT	**16101LTG**	**16101LCR**	16101
16102LT	**16102LTG**	**16102LCR**	16102
16103LT	**16103LTG**	**16103LCR**	16103
16104LT	**16104LTG**	**16104LCR**	16104
16105LT	**16105LTG**	**16105LCR**	16105

16135

Supporting frame for Living International, Light and Light Tech devices

Item	Description
16135	Device-holding supporting frame for 18 Living International, Light and Light Tech modules (3 spaces for 6 modules each), complete with supporting frames – installation on kit item 1610...LT/LTG/LCR)

Number of supporting frames item 16135 that can be mounted into the boxes

Item	Description	No. of frames
16102	16102LT/LTG/LCR	1
16103	16103LT/LTG/LCR	1
16104	16104LT/LTG/LCR	2
16105	16105LT/LTG/LCR	2

16135P

16135PF

16135PTH

Pair of doors for closing the centralisation of 18 Living International, Light and Light Tech modules

Item	Colour
16135P	white
16135PF	grey
16135PTH	Tech

16136F/0

16136F/0G

16136F/0TH

Resin finishing plate for supporting frame item 16135 – clip-on mounting - Living International, Light and Light Tech

Item	Colour	Type
16136F/0	white	blank
16136F/0G	grey	blank
16136F/0TH	Tech	blank
16136F/6	white	6 modules
16136F/6G	grey	6 modules
16136F/6TH	Tech	6 modules

16136F/6

16136F/6G

16136F/6TH

16121   16122

Set with four resin supporting frames for the installation of Terraneo devices into the multifunction boxes (with the kit item 1610...LT/G)

Item	For Terraneo devices	Depth (mm)
16121	video section	46,5
16122	telephone and audio door entry unit	35

Note: For detailed technical info, please see page 17-18

Catalogue – Accessories for multifunction boxes

16100FI   16100FIG   16100FITH

Note: For detailed technical information, please see page 19

Living International, Light and Light Tech finishing panel

Item	Description
16100FI	finishing panel for side by side mounting of two multifunction boxes – door suitable for identification writings – white
16100FIG	as above – grey
16100FITH	as above – Tech

16133   16133G   16133TH

Note: For detailed technical information, please see page 19

Living International, Light and Light Tech blanking plate

Item	Description
16133	blanking plate for closing free spaces of multifunction boxes – white
16133G	as above – grey
16133TH	as above – Tech
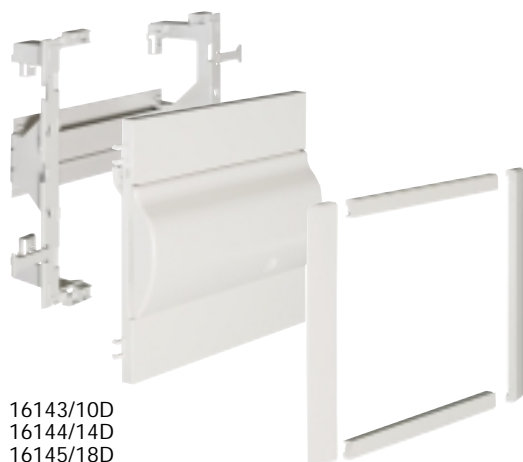
16143/10D
16144/14D
16145/18D

16143/10DF
16144/14DF
16145/18DF

Note: For detailed technical information, please see page 22-23

DIN consumer units

DIN modules	Light white	Living grey	Suitable box	Diss. power W at room T= 22°C
10	**16143/10D**	**16143/10DF**	16103	20
14	**16144/14D**	**16144/14DF**	16104	30
18	**16145/18D**	**16145/18DF**	16105	40

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Catalogue – Accessories for multifunction boxes

16102LAV

16135M

16136F/0M

16136F/5M

Kit for the installation of Magic TT devices into the multifunction box item 16102, complete with side finishing frames

Item	Description
16102LAV	box - ivory

Devices-holding supporting frame for Magic TT series

Item	Description
16135M	Device-holding supporting frame for 15 Magic TT devices (3 spaces for 5 devices each), complete with supporting frames – installation on kit item 16102LAV
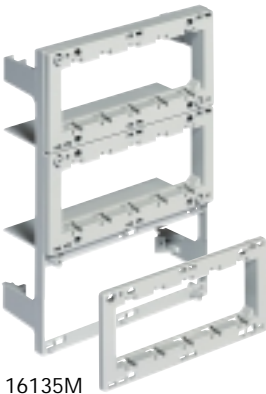
Resin finishing plate for supporting frame item 16135M – clip-on mounting – Magic TT – ivory

Item	Description
16136F/0M	blanking plate
16136F/5M	front cover plate for 5 modules

Note: For detailed technical information, please see page 18

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Catalogue – Distribution boxes

16201

16202

16203

16204

16205

16206

16207

16208

16209

16211

Flush mounting distribution box, complete with cover – shock-proof resin

Item	Internal dimensions (mm)	External dimensions (mm)
16201	87x87x44	97x97x45
16202	113x91x49	126x105x50
16203	113x91x69	126x105x70
16204	154x98x69	167x113x70
16205	154x130x69	170x145x70
16206	218x154x69	243x180x70
16207	289x154x69	305x180x70
16208	387x154x69	342x180x70
16209	364x218x69	390x243x70
16211	493x262x69	520x289x70

Internal partitions for subdividing the distribution boxes into separate spaces – self-extinguishing shock-proof resin

Item	For box item	Dimensions (mm)
16206D	16206, 16207 and 16208	154x70
16209D	16209	218x70

Joint for horizontal and vertical side by side mounting of the boxes

Item	For box item
16200G	16204, 16205, 16206, 16207, 16208 and 16209
503ED	16201, 16202 and 16203

Spare covers, complete with fixing screws for distribution boxes – self-extinguishing shock-proof resin – surface suitable for being painted

Item	For box item
16201C	16101
16202C	16202 and 16203
16204C	16204
16205C	16205
16206C	16206
16207C	16207
16208C	16208
16209C	16209
16211C	16211

16206D

16209D

16200G

503ED

16201C

Note: For detailed technical information, please see page 24

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Technical features

Multifunction boxes

The five Multibox multifunction boxes allow to flush mount the centralisation of Living International, Light, Light Tech and Terraneo devices (audio/video door entry units of the Pivot series).

Devices of the Magic TT series can also be installed into the box item 16102. All the boxes can be horizontally mounted side by side by means of the side panels item 16100GO; on the contrary, only boxes of the same type can be mounted vertically (with side panels item 16100GV).

The installation of the Living International, Light and Light Tech devices into the boxes is made possible by the correspondent mounting kit item 16102...5LT/ 16102...5LTG/16102...5LCR and by the device-holding supporting frame item 16135.

Specific accessories have to be used for the Magic TT series.

For the installation of Terraneo devices, on the contrary, the mounting kit item 16101...5LT/16101...5LTG/ 16101...5LCR must be combined with the plastic supports item 16121 and 16122.

Technical features
Material: shock-proof polystyrene
Temperature rating: –25°C / +60°C
Resistance: to abnormal heath and fire, up to 650°C (glow wire test according to CEI 50-11 and IEC 695-2-1)
Approval: IMQ according to CEI 23-48 (IEC 670)
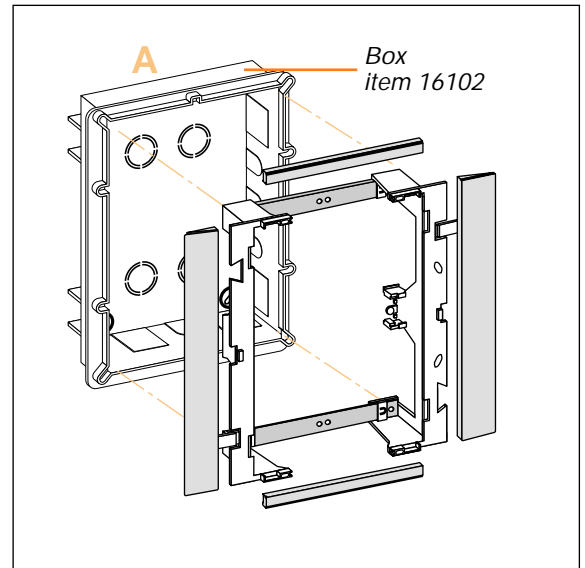
Installation kit item 16102LT
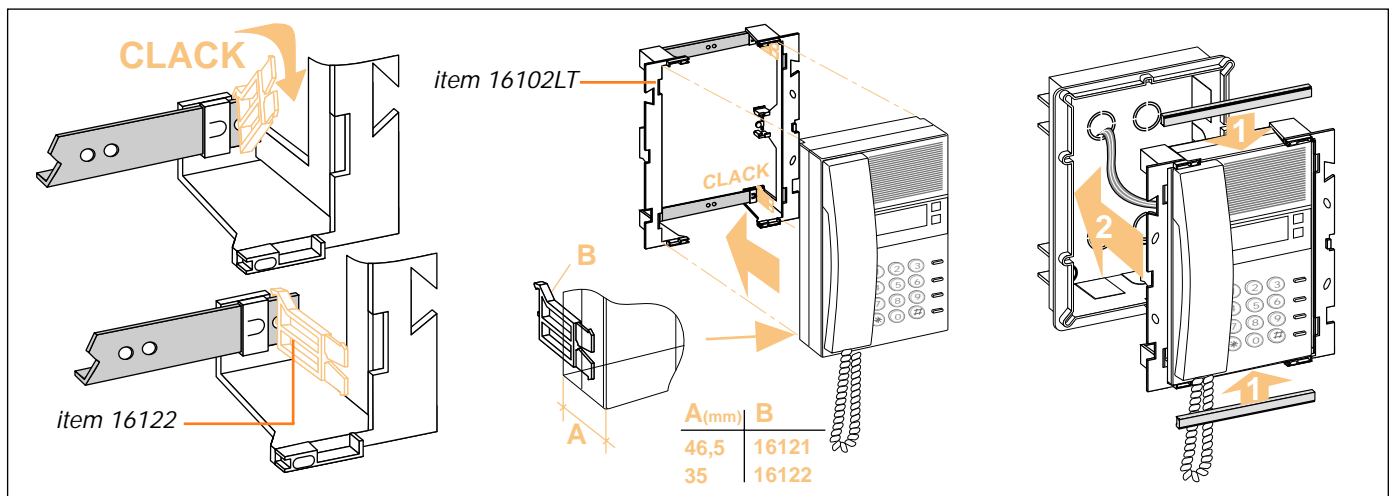
Use of installation kit for Terraneo devices

A (mm)	B
46,5	16121
35	16122
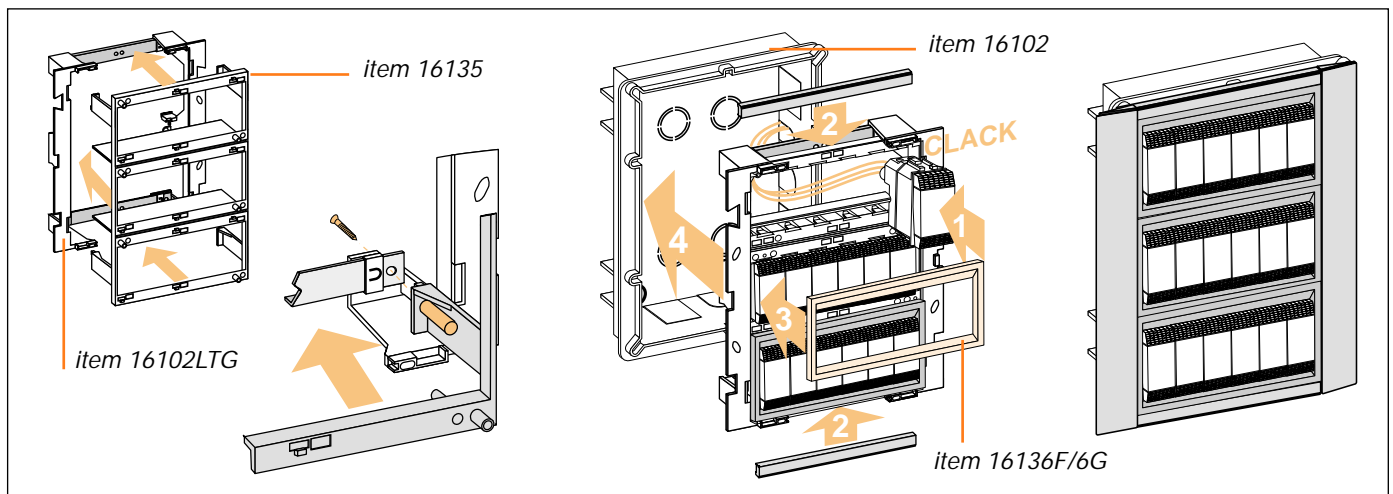
Use of installation kit for Living International devices

Technical features

Modularity of multifunction boxes

The five Multibox multifunction boxes allow the integrated centralisation of Living International, Light, Btdin and Terraneo devices (telephone and audio/video door entry units of the Pivot series).

The Multibox multifunction boxes have all the same depth and height, whereas the width is modular as they are planned for being equipped with devices or device-holding supporting frames **70mm** wide.

Multibox modules

70 mm
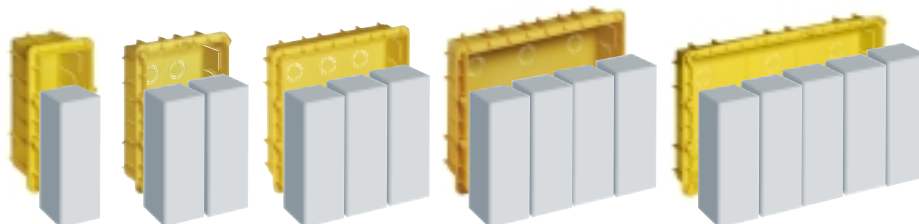
Multibox modules		1	2	3	4	5
Item		**16101**	**16102**	**16103**	**16104**	**16105**
Installable equipment	Living International		yes	yes	yes	yes
	Light		yes	yes	yes	yes
	Light Tech		yes	yes	yes	yes
	Magic TT		yes			
	DIN consumer units			yes	yes	yes
	Terraneo Pivot (compact)	yes	yes	yes	yes	yes
	Terraneo Pivot (standard)		yes	yes	yes	yes
Internal dimensions		84x218x69	154x218x69	224x218x69	294x218x69	364x218x69
External dimensions		110x243x70	180x243x70	250x243x70	320x243x70	390x243x70

Choice of the boxes, depending on the equipment to be mounted

The devices are mounted into the Multibox multifunction boxes by means of specific accessories or through device-holding supporting frames, like it is the case with the different series of wiring accessories.
The device-holding supporting frame or the device/accessory as a whole takes one or more Multibox modules, everyone of them 70mm wide.
By summing up the modules taken by the different devices, one can pick out the box to be installed.

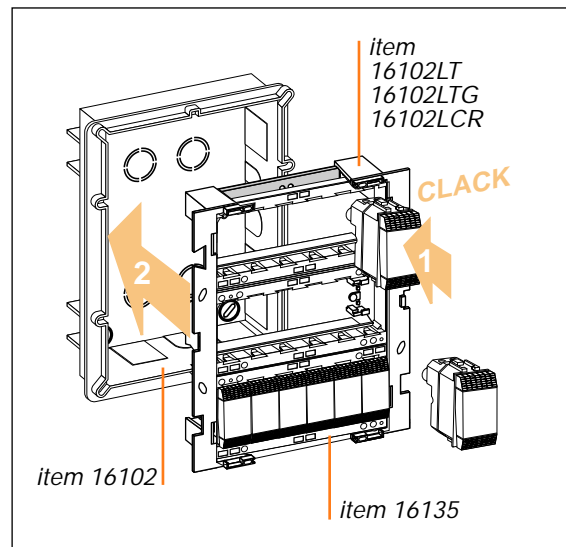| Installable devices		Multibox modules used	Installation notes
Living, Light, Light Tech devices (18 mod. on 3 rows of 6 each)		2	Frame and specific finishing accessories required
Magic TT devices (15 modules on 3 rows of 5 each)		2 *	Frame and specific finishing accessories required
Btdin consumer units	10 DIN modules	3	The Btdin consumer units are sold complete with installation accessories
	14 DIN modules	4	
	18 DIN modules	5	
Terraneo Pivot	Compact telephone or door entry unit 70mm	1	Specific supports and finishing frames required
	Standard telephone or door entry unit 140mm	2	
	Video section 140mm	2	

* The Magic TT series can only be installed into the Multibox 2 module box item 16102

Example: Integrated installation of a standard Pivot audio door entry unit and 18 Light devices:
Audio door entry unit = 2 Multibox modules
Light = 2 Multibox modules
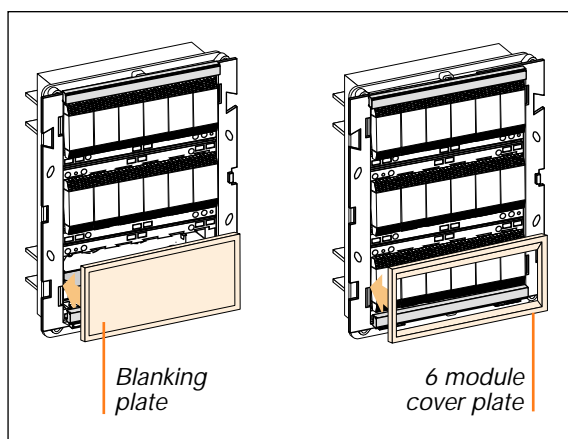Total = 4 Multibox modules ➜ box to be used item 16104

Multibox®

Technical features

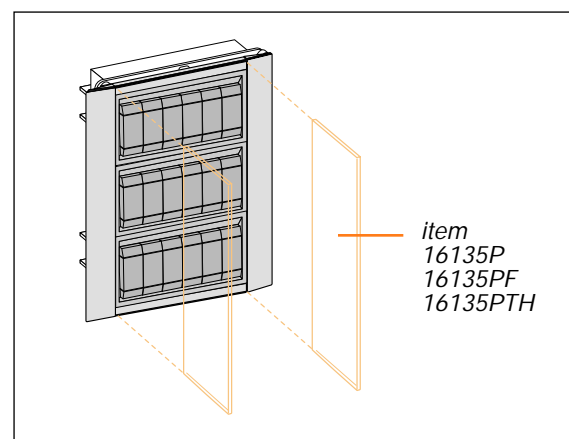**Installation of Living International, Light and Light Tech devices**

For the installation of Living International, Light and Light Tech devices into the Multibox multifunction boxes, the frame item 16135 must be mounted on the kits item 16102...5LT/16102...5LTG716102...5LCR.
This item, supplied with 3 device-holding supports for 6 modules, allows the installation of max. 18 Living International, Light or Light Tech modules inside the boxes item 16102, 16103, 16104 and 16105.
The use of resin finishing cover plates (6 modules) item 16136F/6, 16136F/6G and 16136F/6TH makes the installation of the devices complete.
The finishing blanking plates item 16136F/0, 16136F/0G or 16136F/0TH must be mounted on the device-holding supporting frames that have not been used for the installation of any equipment. Both the blanking and the 6 module cover plates are available in Light white, Living grey and Tech silver, for aesthetical integration with the devices installed.
The accessories' range is completed by the hinged doors, that allow hiding the centralisation of the different devices, thus giving them a smarter appearance.

item 16102LT
16102LTG
16102LCR

CLACK

2

1

item 16102

item 16135

Installation of Living International devices

Blanking plate

6 module cover plate

Finishing cover plates


item 16135P
16135PF
16135PTH

Hinged doors

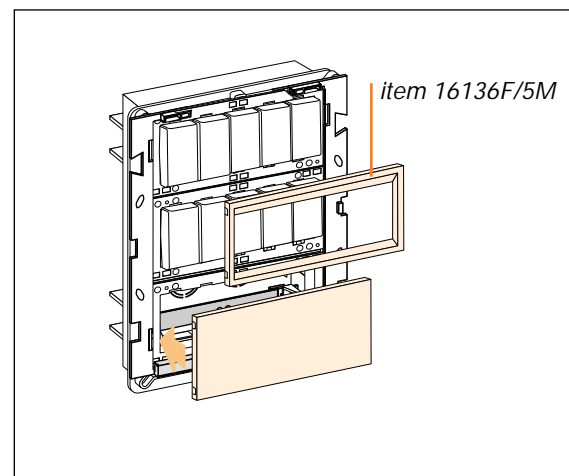**Installation of Magic TT devices**

Devices of the Magic TT series can be installed into the multifunction box item 16102 by means of specific accessories that allow mounting max. 15 modules on 3 rows. The installation kit required is the item 16102LAV and must be used together with the device-holding supporting frame item 16135M.

The finishing cover plate for every single row is item 16136/5M or the blanking plate item 16136/0M, in case there are no devices installed. All these components have the visible parts in Magic ivory, so as to assure the aesthetical homogeneity with the other devices.

item 16102 LAV

CLACK

2

1

item 16102

item 16135M

Installation of Magic TT devices

item 16136F/5M
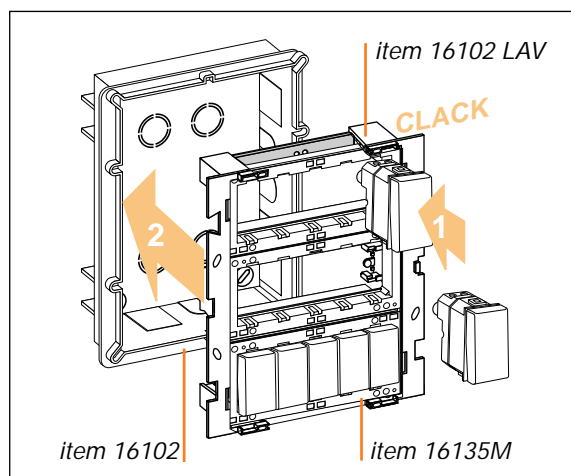
Installation of finishing cover plate

Technical features

Installation of Terraneo devices

For the installation of Terraneo devices of the Pivot series into the whole range of the Multibox multifunction boxes, plastic supporting frames have been realised, available in two different versions:
- item 16121 for devices with a depth of 46.5mm;
- item 16122 for devices with a depth of 35mm.

These supporting frames must be clipped on the metallic rails of the kit item 16101...5LT/G and to the respective rectangular seats located on the bottom of Terraneo equipment.
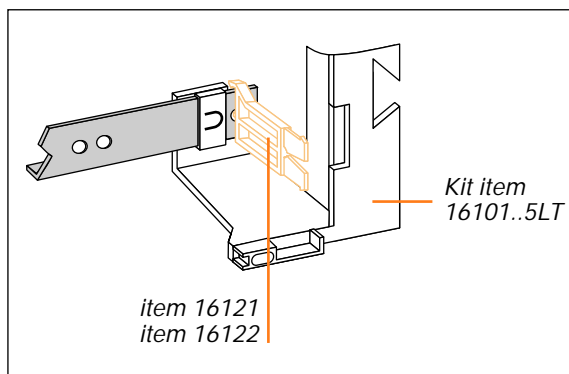
Link supporting frames/rails

A (mm)	B
46,5	16121
35	16122
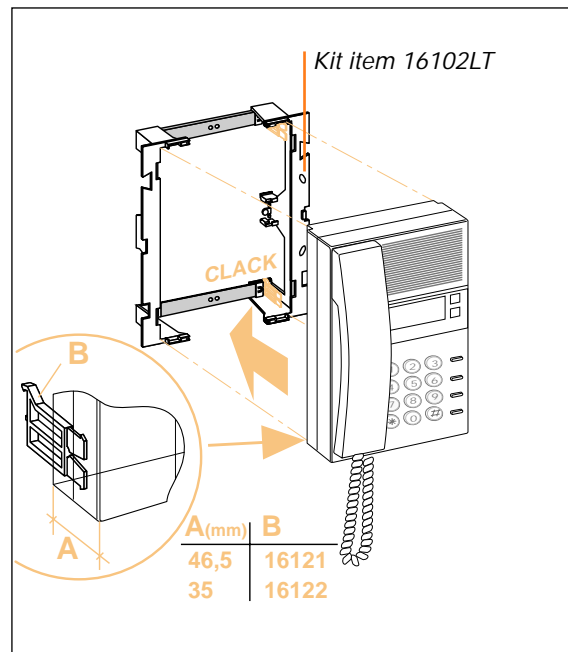
Installation of Terraneo Pivot telephone

Installation of 9W emergency light

The 9W emergency light takes 2 Multibox modules and can be installed into the multifunction boxes item 16102 by means of the supporting frames item 16102LT (Light white), 16102LG (Living grey) and 16102LCR (Tech grey).

The base of the lamp, provided with plug-in connector, must be fixed to the chassis through screws; then, after having inserted the lamp itself, one must fix the finishing cover frames.
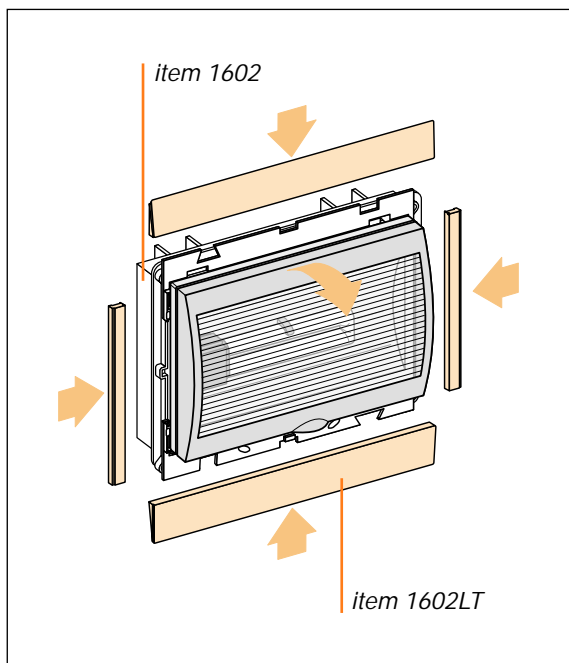
Fixation of frames to the lamp
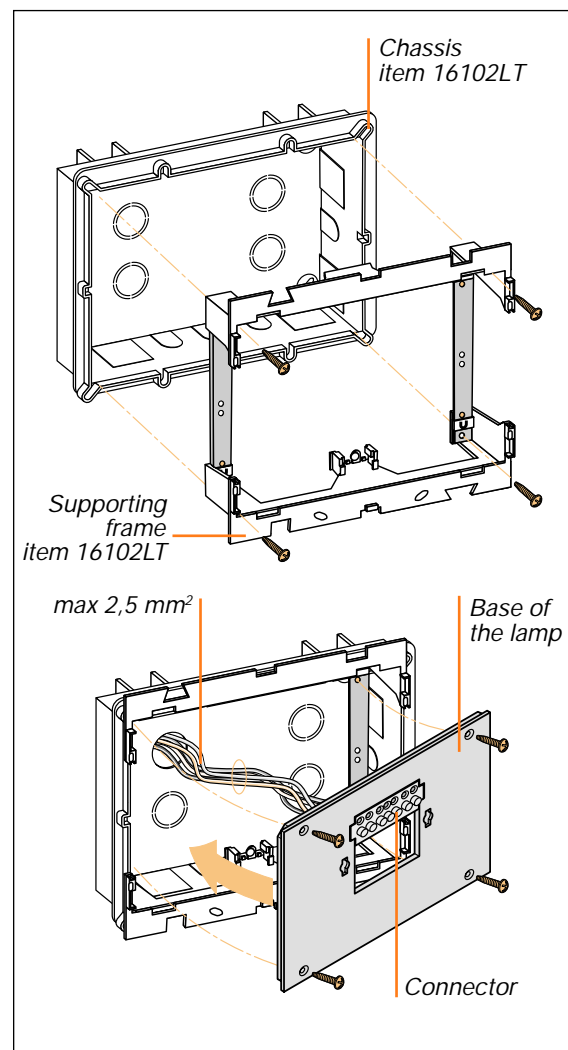
Installation of chassis and base of the lamp

Multibox®

Technical features

Complementary accessories for multifunction boxes

Joints item 16100GV and 16100GO for coupling multifunction boxes

Thanks to their modular dimensions, the multifunction boxes item 16101...5 can be mounted side by side both horizontally or vertically for the centralisation of several functions.

The modularity is obtained by mounting the special plastic side joints item 16100GO and 16100GV into the seats located on the four sides of the boxes.

Moreover, these side panels make the passage easy of the cabling through every box, thus avoiding the use of common corrugated pipes.


item 16100GV
item 16100GO
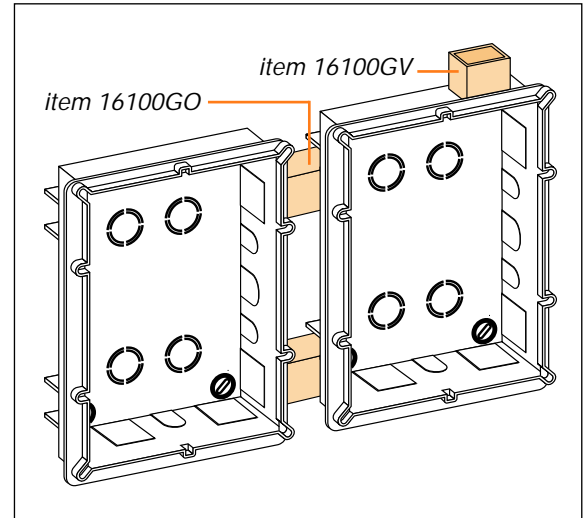
Composition of two multifunction boxes.

Finishing panels item 16100FI/FIG/FITH for side by side mounting of the boxes

When two or more multifunction boxes are coupled horizontally, one can cover the intermediate space and thus give an aesthetical continuity to the composition, by using the finishing panel item 16100FI (white), 16100FIG (grey) or 16100FITH (Tech).

This item can be easily clipped on the kit item 16101...5LT/LTG/LCR and is equipped with a door and an adhesive label to be used for noting the functions carried out by the consumer unit.


item 16100FIG
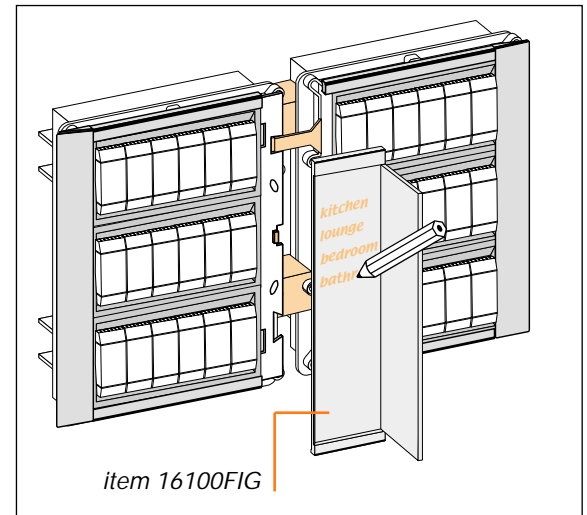
Installation of the finishing panel for side by side mounting

Blanking plate item 16133/G/TH

The blanking plate item 16133 (white), 16133G (Living grey) and 16133TH (Tech) is used when free spaces without any equipment (70mm wide) have to be closed on multifunction boxes.

This element can be easily clipped on the metal rails of our kits item 16102...5LT/LTG/LCR by means of 4 plastic supporting frames (supplied).

The free space beneath the blanking plate can be favourably used for stuffing cables and distribution boxes.
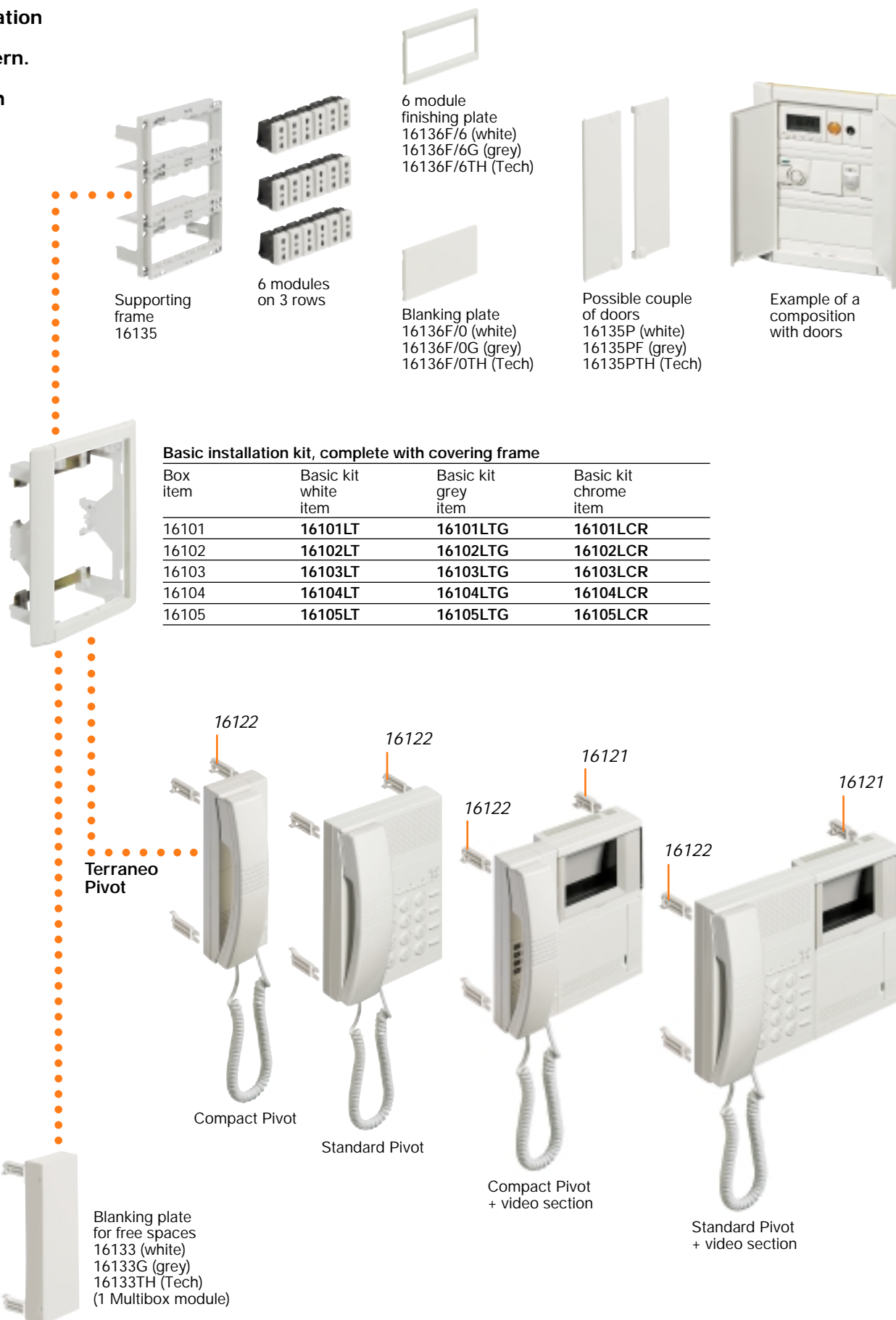

item 16133G
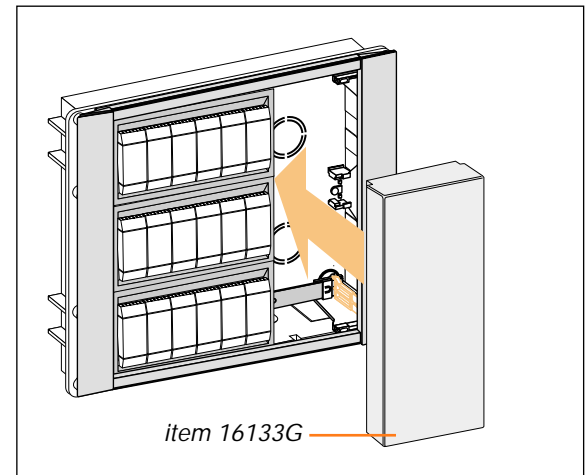
Installation of blanking plate

Technical features

Recapitulation table for Living Intern. Light Light Tech Terraneo

Supporting frame
16135

6 modules on 3 rows

6 module finishing plate
16136F/6 (white)
16136F/6G (grey)
16136F/6TH (Tech)

Blanking plate
16136F/0 (white)
16136F/0G (grey)
16136F/0TH (Tech)

Possible couple of doors
16135P (white)
16135PF (grey)
16135PTH (Tech)

Example of a composition with doors

Basic installation kit, complete with covering frame

Box item	Basic kit white item	Basic kit grey item	Basic kit chrome item
16101	**16101LT**	**16101LTG**	**16101LCR**
16102	**16102LT**	**16102LTG**	**16102LCR**
16103	**16103LT**	**16103LTG**	**16103LCR**
16104	**16104LT**	**16104LTG**	**16104LCR**
16105	**16105LT**	**16105LTG**	**16105LCR**

Terraneo Pivot

16122

16122

16121

16121

16122

16122

Compact Pivot

Standard Pivot

Compact Pivot + video section

Standard Pivot + video section

Blanking plate for free spaces
16133 (white)
16133G (grey)
16133TH (Tech)
(1 Multibox module)

Multibox®

Technical features

Consumer units for DIN devices

The DIN consumer units widen the range of Multibox multifunction boxes, thus enriching the BTicino home consumer unit with a particularly smart version, fitted with a lid that can be activated through a pushbutton and can be combined with Terraneo Pivot video door entry units and Living International and Light equipment.
They are formed by a supporting frame with DIN rail and by a panel in two colours:
● Light white with white lid;
● Living grey with smoke-grey lid.
They do not need any other accessory.

The Multibox consumer units are available in 3 different sizes (10, 14 and 18 DIN modules).

Technical features
Protection degree: IP40 with lid closed
Material: polycarbonate
High resistance to UV rays
Resistance: to abnormal heath and fire, up to 650°C (glow wire test, according to CEI 50-11 and Publication IEC 695-2-1)
Shock resistance: 0.7J (joule)
Planning and production conform to CEI23-48 and to Publication IEC 670, CEI 23-49 and CEI EN 60439-3 (CEI 17-13/3).

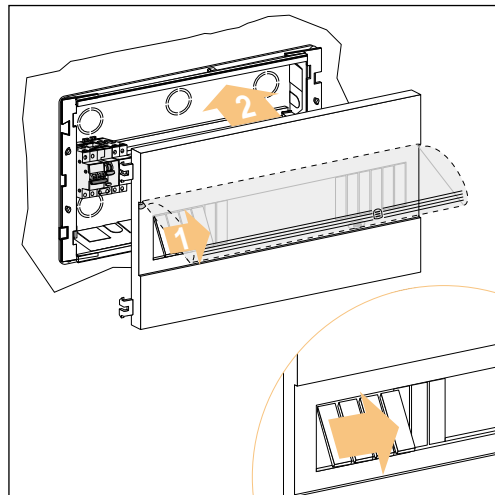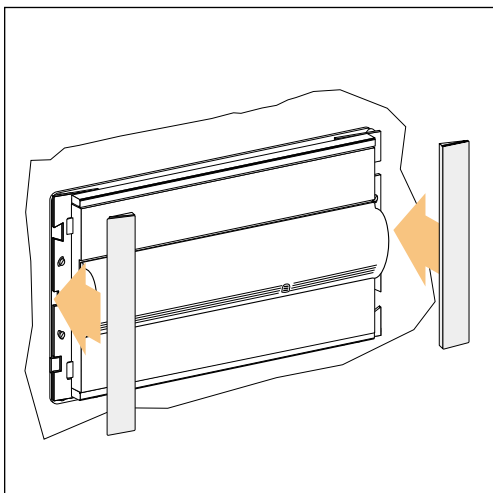| Box item	DIN modules	Consumer unit white item	Consumer unit grey item
16103	10	**16143/10D**	**16143/10DF**
16104	14	**16144/14D**	**16144/14DF**
16105	18	**16145/18D**	**16145/18DF**

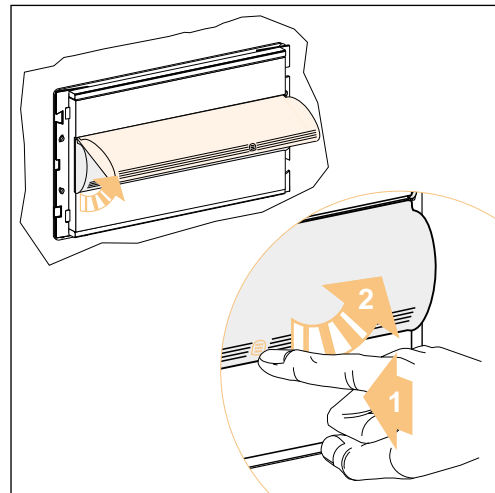# Technical features

Installation of consumer units for DIN devices
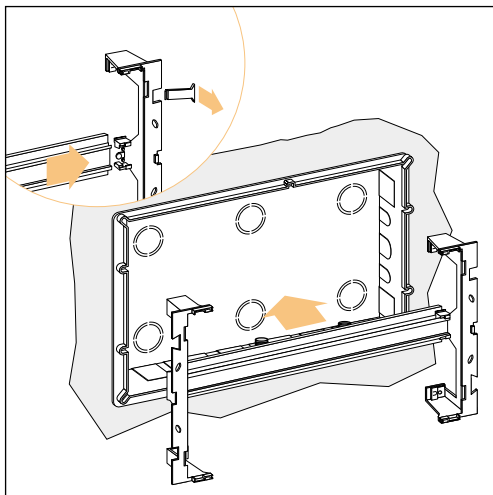
Installation of DIN rail into the box

Installation of the front cover panel

Installation of the finishing covers

Opening of the lid

Multibox®

Technical features

Distribution boxes

The Multibox distribution boxes are available in 9 standard sizes for meeting any installation requirement in the residential and services sectors.

Made of polystyrene with excellent resistance to high temperatures and shocks, these distribution boxes are characterised by a wide internal space, what makes it possible to store inside them several cables and connection terminals.

The bigger boxes can be separated by means of partitions into two or more compartments for cables of different types.

Large round and square knockouts are located inside the boxes for connecting different pipes.

The covers, supplied with the box and available as spare part, are made of plastic material with excellent non-deformability and are characterised by the peculiar orange peel surface finish, that makes the painting easy.

Technical features
Protection degree: IP40
Resistance: to abnormal heath and fire, up to 650°C
Mechanical shock resistance: 2J (joule)
IMQ approval according to CEI 23-48 and Publication IEC 670.

Table for the choice of distribution boxes

Ref. (*)	Item	Internal dimensions (mm)	External dimensions (mm)	No. of partitions that can be installed	No. of seats for cable and pipe ties	Pre-arrangement for DIN rail
BT1	**16201**	87x87x44	97x97x45		2	
BT2	**16202**	113x91x49	126x105x50		2	
BT3	**16203**	113x91x69	126x105x70		2	
BT4	**16204**	154x98x69	167x113x70		2	
BT5	**16205**	154x130x69	170x145x70		2	yes
BT6	**16206**	218x154x69	243x180x70	1 (item 16206D)	4	yes
BT7	**16207**	289x154x69	305x180x70	2 (item 16206D)	6	yes
BT8	**16208**	387x154x69	342x180x70	2 (item 16206D)	6	yes
BT9	**16209**	364x218x69	390x243x70	2 (item 16206D)	6	
BT11	**16211**	493x262x69	520x289x70	2 (a corredo)	6	yes

(*) For making the finding easier, we listed the distribution boxes following their growing size: BT1 (item 16201), BT2 (item 16202), ... BT11 (item 16211). The item BT16210 does not exist.
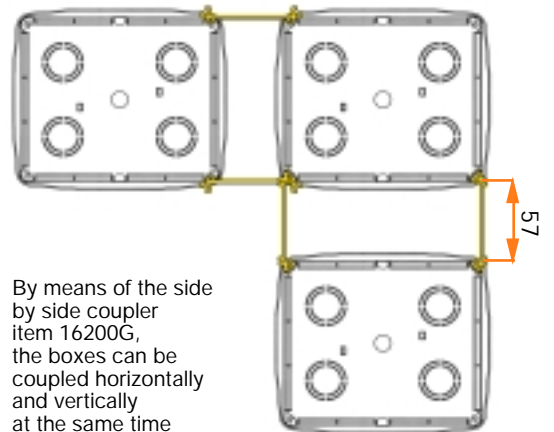
Possibility of side by side mounting
For allowing fast and precise installations in any situation, the boxes can be mounted side by side. There are four groups of side by side mounting, listed in the table below.

503ED
(side by side coupler for boxes BT1 ÷ BT3)

16200G
(side by side coupler for boxes BT4 ÷ BT9)

By means of the side by side coupler item 16200G, the boxes can be coupled horizontally and vertically at the same time

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Side by side mounting groups	Sides that can be mounted side by side	Code of side by side coupler
BT1, BT2, BT3	Equal sides BT1, short sides BT2, BT3	**503ED**
BT4, BT5, BT6, BT7, BT8	Long sides BT4 and BT5, short sides BT6, BT7, BT8	**16200G**
BT8, BT9	Long side BT8 and short side BT9	**16200G**
BT6, BT9	Long side BT6 and short side BT9	**16200G**

Dimensions

Multifunction boxes
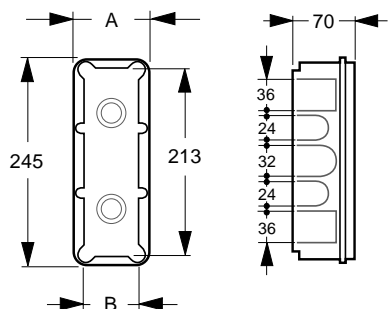
Item	A	B
16101	110	84
16102	180	154
16103	250	224
16104	320	294
16105	390	364

Installation kit for wiring accessories and Terraneo 9W lamps
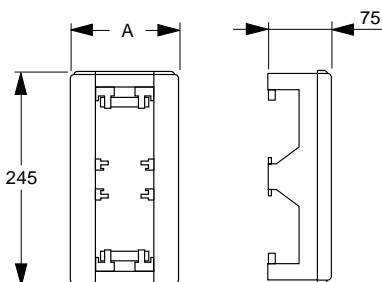
Item white	Item grey	Item chrome	Item ivory	A
16101LT	**16101LTG**	**16101LCR**		130
16102LT *	**16102LTG ***	**16102LCR ***	**16102LAV ** **	200
16103LT	**16103LTG**	**16103LCR**		270
16104LT	**16104LTG**	**16104LCR**		340
16105LT	**16105LTG**	**16105LCR**		410

Note: All supporting frames are suitable for mounting Living International, Light, Light Tech and Terraneo Pivot devices (when choosing, please pay attention to the suitable colour), with the exception of the items marked by:
* these can support 9W emergency lamps too;
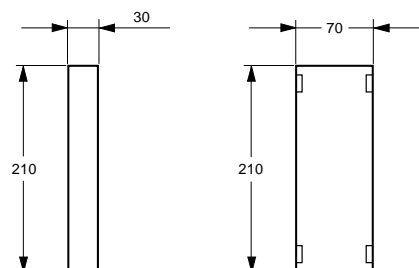** this is the only one suitable for the Magic TT series.
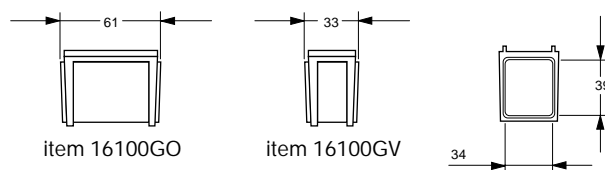
Consumer units for DIN devices
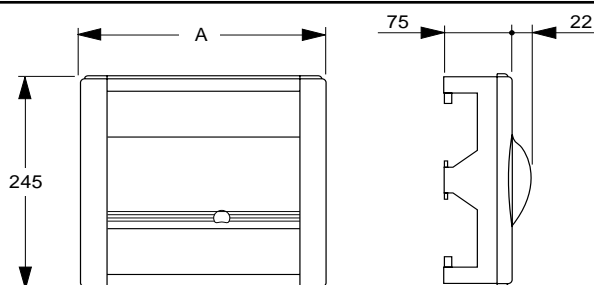
Item white	Item grey	A
16143/10D	**16143/10DF**	270
16144/14D	**16144/14DF**	340
16145/18D	**16145/18DF**	410

Accessories   **Blanking plate**

Side panels

item 16100GO

item 16100GV

Box

item 16100GO

Box

item 16100GV

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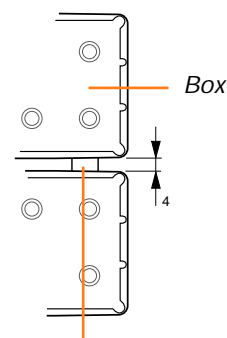
Dimensions

Distribution boxes

Box
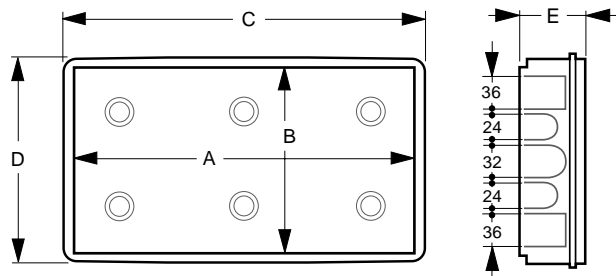
	Internal dimensions (mm)		External dimensions (mm)		
Item	A	B	C	D	E
16201	87	87	97	97	45
16202	113	91	126	105	50
16203	113	91	126	105	70
16204	154	98	167	113	70
16205	154	130	170	145	70
16206	218	154	243	180	70
16207	289	154	305	180	70
16208	387	154	342	180	70
16209	364	218	390	243	70
16211	493	262	520	289	70

Partition

item 16206D   *item 16209D*
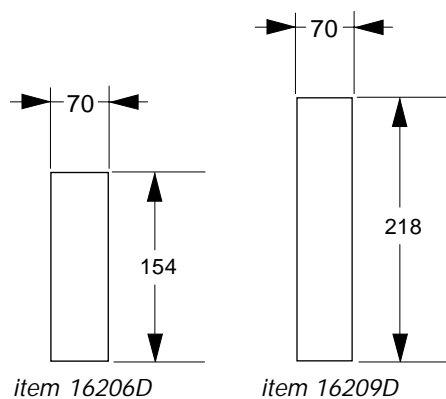
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