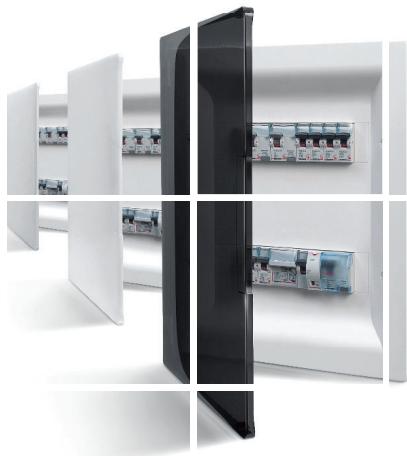
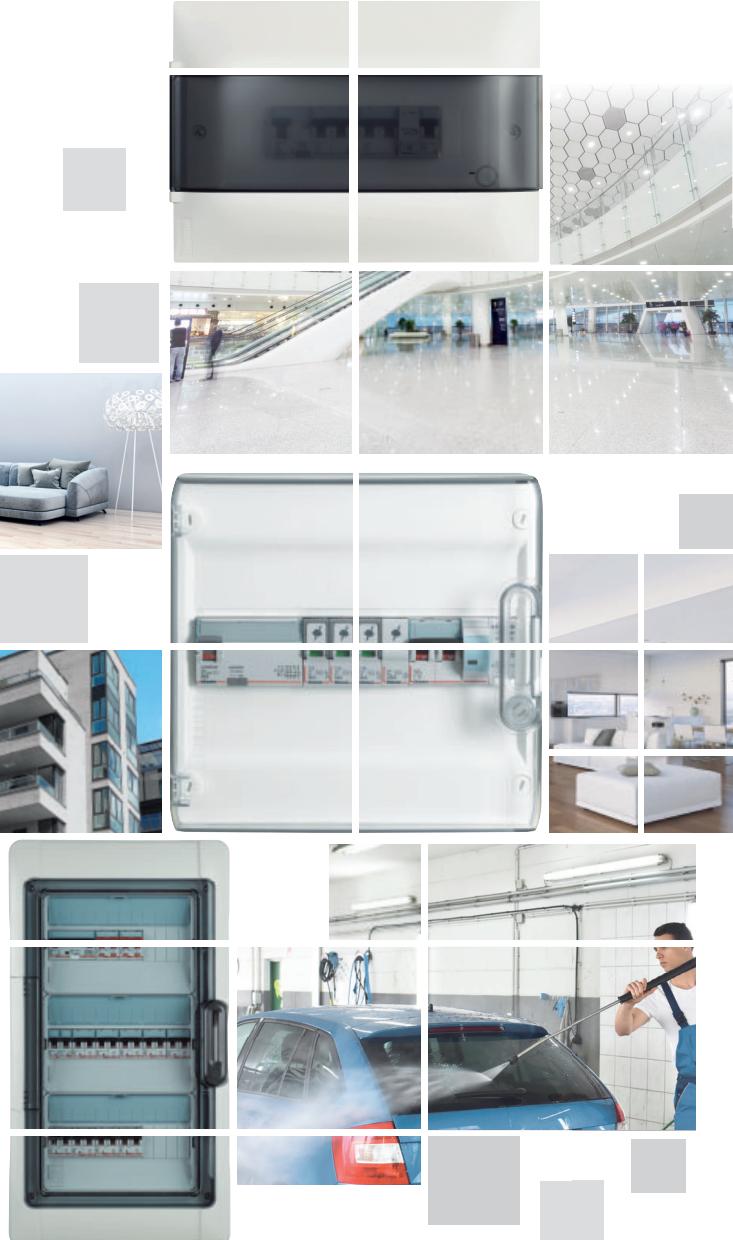
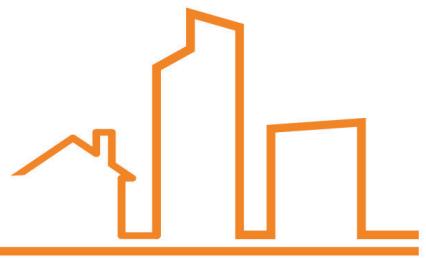


SWITCHBOARDS

flush-mounting and wall-mounting solutions



bticino

Plastic switchboards

The range of switchboards is **extremely complete**

and satisfies all containment needs
for domestic and tertiary environments.

The range include wall-mounting and
flush-mounting solutions, with different modularity and
protection degrees.

for all
applications

WALL-MOUNTING



IDROBOARD
IP65 from 4 to 72 modules

Linea WALL
IP40 from 8 to 72 modules

Switchboards for domestic applications up to 72 modules in different aesthetic solutions, ideal for those who want to combine design and functionality.

FLUSH-MOUNTING



Linea HABITA
IP40 from 6 to 72 modules



Linea SPACE
IP40 from 8 to 72 modules

Table of choice

WALL-MOUNTING



| | Linea WALL | IDROBOARD | Enclosures |
|----------------------|---|--|--------------------------------------|
| Reference standards | IEC 60670-24 , CEI 23-48 , CEI 23-49, CEI 61439-3 | CEI 23-48, CEI 23-49, CEI EN 61439-3 | CEI 23-48, CEI 23-49, CEI EN 61439-3 |
| Circuit breakers | Mcb's (BTDIN) Mccb's (MEGATIKER M1 up to 125A)* | Mcb's (BTDIN) Mccb's (MEGATIKER M1 up to 125A)* | Mcb's (BTDIN) |
| Protection degree | IP40 | IP65 | IP40 |
| Insulation class | II | II | II |
| Quality mark | | | |
| Nº of modules | With trasparent door (white door to be ordered separately) | | |
| 2 | - | - | F115/2D |
| 4 | - | F107N4D | F115/4D |
| 6 | - | F107N6D | F115/6D |
| 8 | F305PT8 | F107N8D | F115/8D |
| 12 | F305PT12 | F107N12D | - |
| 18 | F305PT18 | F107N18D | - |
| 24 (2x12) | F305PT24 | F107N24D | - |
| 36 (3x12) | - | F107N36D3 | - |
| 36 (2x18) | F305PT36 | F107N36D2 | - |
| 54 (3x18) | F305PT54 | F107N54D | - |
| 72 (4x18) | F305PT72 | F107N72D | - |

* starting from 24-module switchboards with extractable frame

FLUSH-MOUNTING



| | Flush-mounting boxes | Plasterboard boxes * | Linea SPACE | | Linea HABITA |
|---------------|----------------------|----------------------|-------------------|------------------|------------------|
| Nº of modules | | | WHITE | SMOKE | |
| 6 | F215/6S | - | - | - | E315PS6 |
| 8 | F315S8 | F315SC8 | F315PB8 | F315P8 | E315P8 |
| 12 | F315S12 | F315SC12 | F315PB12 | F315P12 | E315P12 |
| 18 | F315S18 | F315SC18 | F315PB18 | F315P18 | - |
| 24 (2x12) | F315S24 | F315SC24 | F315PB24 | F315P24 | E315P24 |
| 36 (3x12) | F315S36D3 | F315SC36D3 | F315PB36D3 | F315P36D3 | E315P36D3 |
| 36 (2x18) | F315S36D2 | F315SC36D2 | F315PB36D2 | F315P36D2 | - |
| 54 (3x18) | F315S54 | F315SC54 | F315PB54 | F315P54 | E315PS54 |
| 72 (4x18) | F315S72 | F315SC72 | F315PB72 | F315P72 | E315PS72 |

* with fixing accessories supplied

Linea WALL

IP40 switchboards with transparent or white door.

Two versions available from **8 to 72 DIN35 modules**.

Compact and more capacious.

aesthetic and
functional

FLUSH-MOUNTING





The new front door of the 8-12 and 24-module versions, it completely covers the entire surface of the switchboard, optimizing space and making it more elegant and discreet. The door, reversible and with 180 degree opening, is available in the transparent and white version.

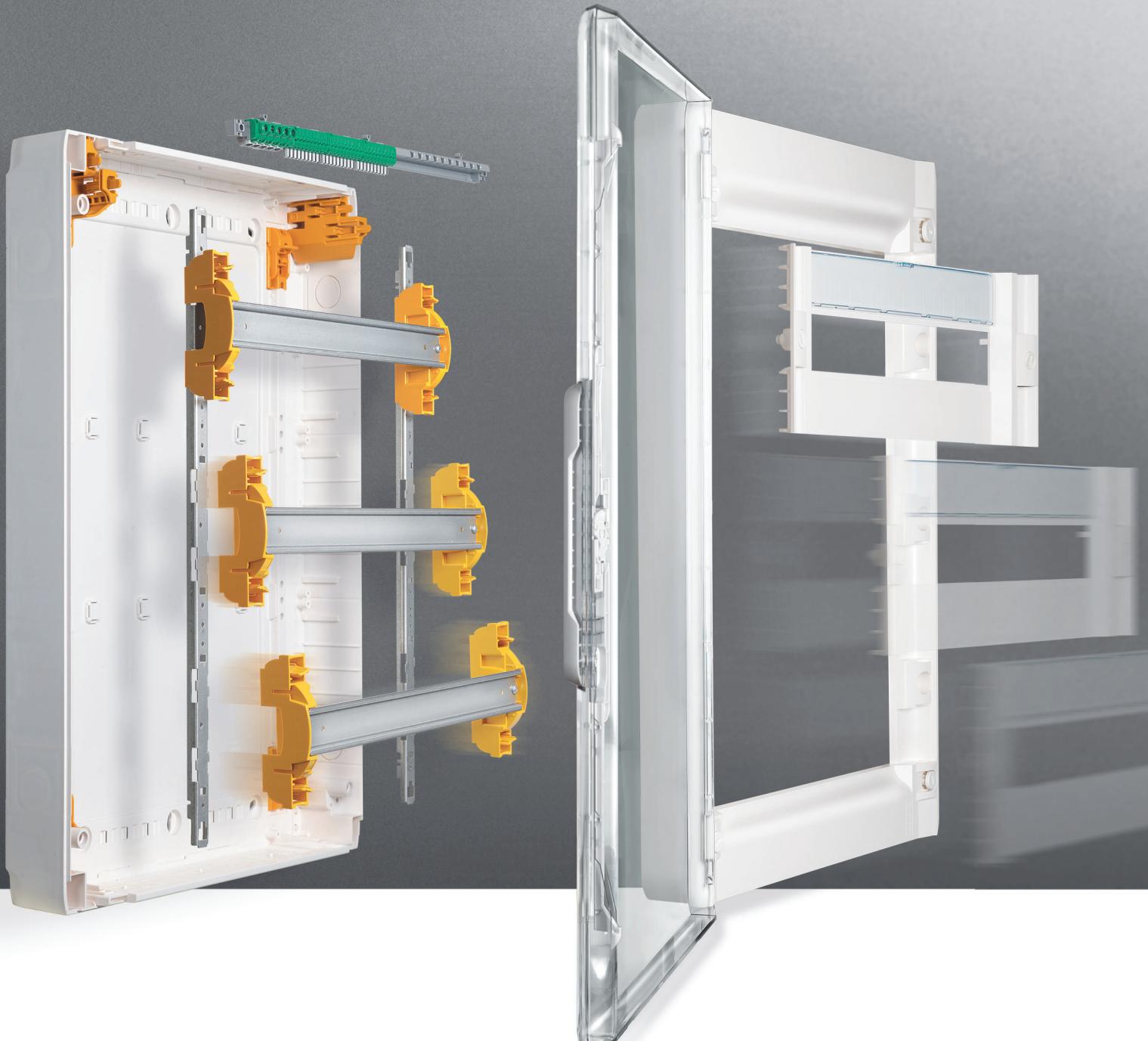


Linea WALL

The versions with 18 modules per row integrate systems to simplify the installation and wiring phases. Furthermore, the range of accessories for internal wiring allows to connect all the equipment in an orderly and state-of-the-art manner.

thought for
the wiring

WALL-MOUNTING





Removable cable entry plate

The cable entry plate can be removed without the use of tools, and can be shaped to suit the entry cable ducts/conduits.

Removable DIN rails

The DIN rails can be removed individually in one movement, and without tools, to facilitate the passage of cables.

Removable and tiltable frame

Thanks to the extractable and tiltable frame both from top to bottom and vice versa, the Linea WALL switchboards simplify the installation and maintenance phases even with a fully wired switchboard.

Plug-in connection terminal blocks

The neutral and earth terminal blocks are installed by plug-in coupling without using tools, simplifying the assembly and cable routing phases.

Single front panels

Front panels can be removed one row at a time with $\frac{1}{4}$ turn fastening system.

IDROBOARD

IP65 protected switchboards for all applications.

Ten sizes available from **4 to 72 DIN35** modules.

More space for wiring.

Side-by-side enclosures for installing industrial sockets.

for protected
applications
IP65

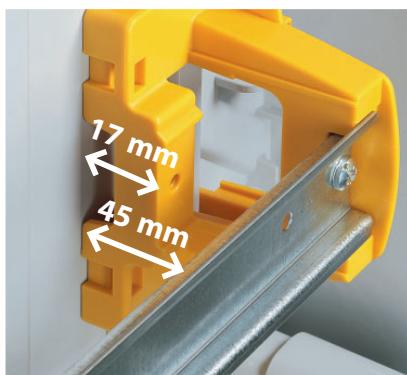
WALL-MOUNTING



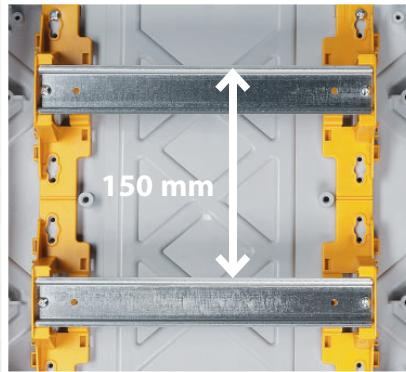
Ease of use

All the space you need...
for unrestricted cabling

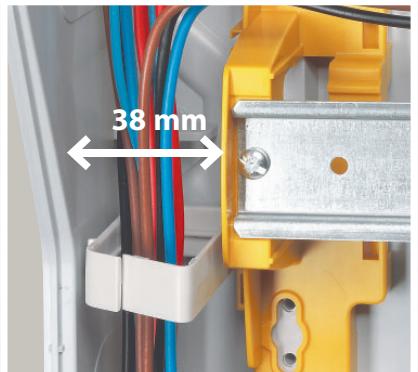
Profile installation
adjustable to 2 depths
for more space for wiring.



Wide distance
among the profiles
for convenient cable installation.



More lateral space
for the path of cables.



Cable guide bracelet
for neater wiring.



Removable frame
for convenient wiring outside
of the switchboard.



Hinges
for opening the lid which
allow easy access to cables.



Linea SPACE

The Linea SPACE switchboards with refined aesthetics and flat surfaces are the ideal solution to best satisfy and personalize the needs of each individual living environment without neglecting the simplicity of application and ease of use

ELEGANT
at the service
of the House

FLUSH-MOUNTING



Ledge
from the wall
contained
(18mm only)

Available
in 2 finishes

Surface
flat and finish
anti-fouling surface

Soft lines
and modern

Integrated
ergonomic
opening handle



Linea SPACE

aesthetic and
functional

FLUSH-MOUNTING

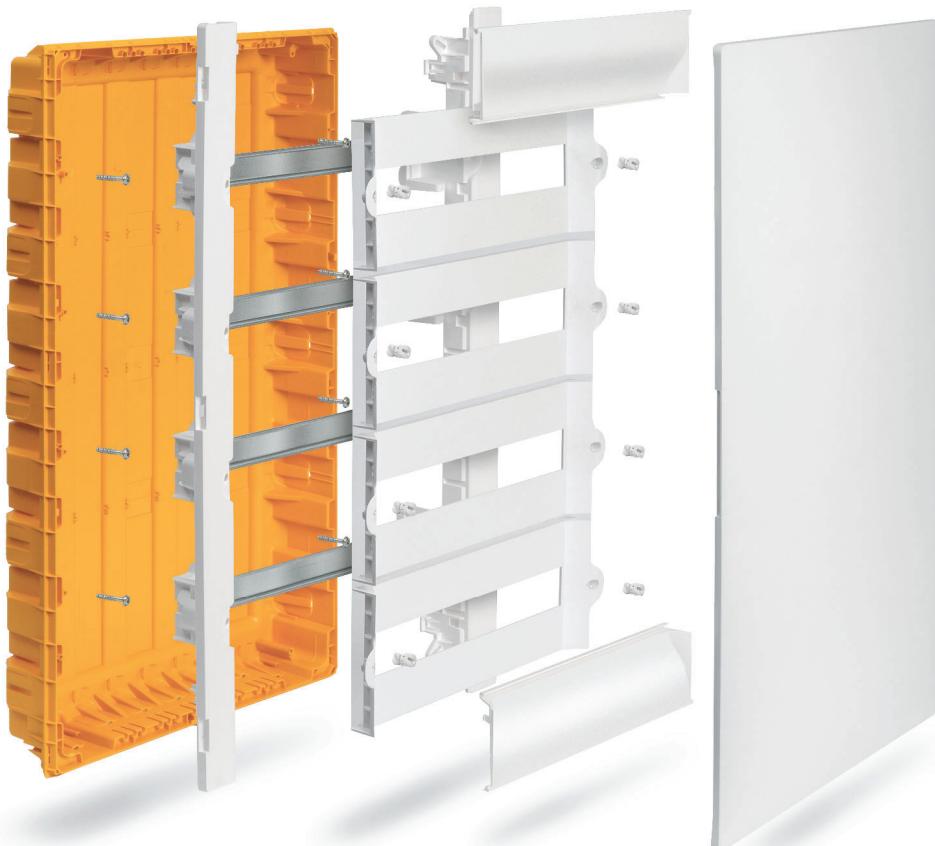


Door opening at 180°

The door can be opened 180° to facilitate access to the installed equipment.

Paintable surface

The switchboards with white door have a paintable surface to satisfy the aesthetic requirements of the environments in which they are installed



Removable frame

Switchboards from 36 to 72 modules are set up with an removable frame and finishing panels with $\frac{1}{4}$ turn screws to simplify the installer's work and make the various maintenance or updating operations on the electrical switchboard easier

Linea HABITA

THE CLASSIC
for home
applications

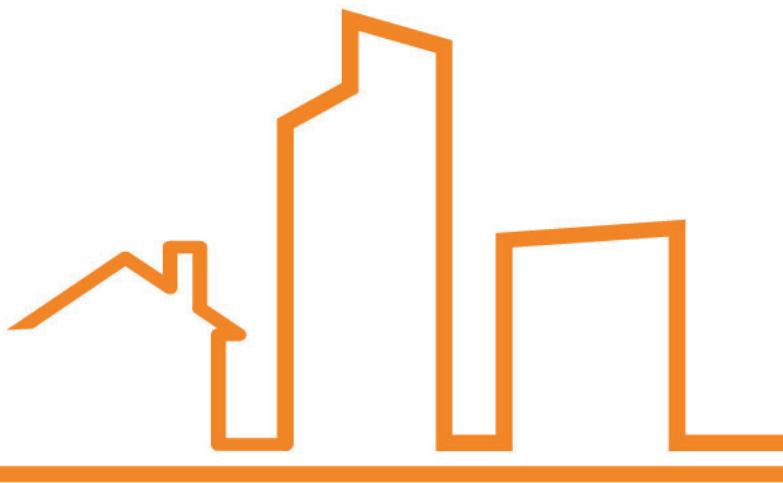
FLUSH-MOUNTING



IF Design Award 2019

The Linea HABITA switchboards obtained the prestigious IF Design Award 2019 for the high aesthetic value of the proposed solutions





Adaptable in existing boxes

Thanks to the adaptation kit art. E315KC Linea HABITA switchboards can be installed in existing walled boxes.

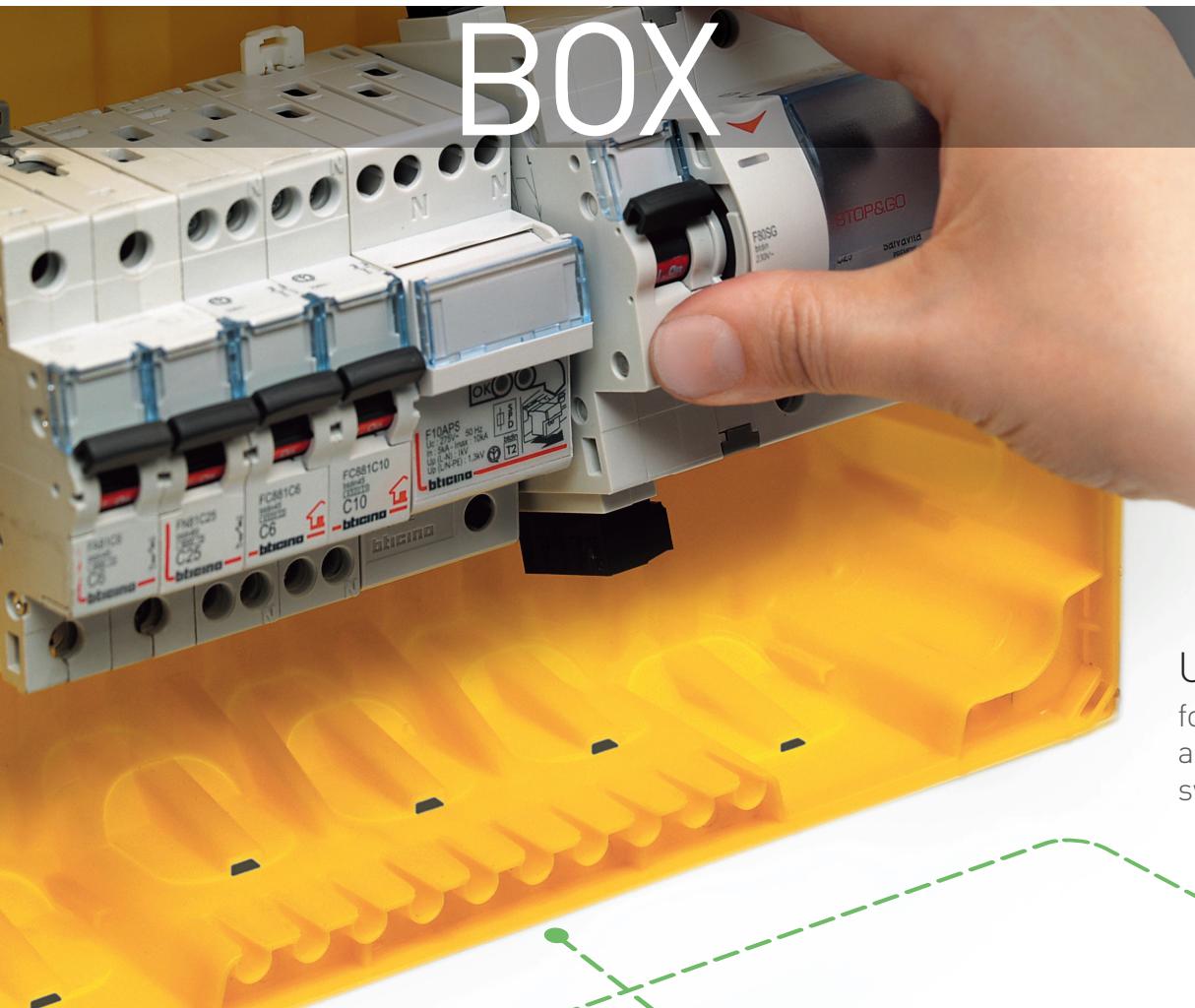
Ergonomic door

The door with an ergonomic design facilitates the snap opening and closing of the switchboard; equipped with a transparent window, it allows a quick check of the state of the protections. The door is reversible and can be turned at any time

7 models available

The Linea HABITA range includes switchboards from 6-8-12-24-36-54 and 72 modules, capable of responding to the needs of small systems and installations with home automation solutions

the advantage of a common **BOX**



Universal box
for Linea SPACE
and Linea HABITA
switchboards



Linea SPACE
White



Linea SPACE
Smoke



Linea HABITA

The **Linea SPACE** and **Linea HABITA** switchboards can be installed on universal boxes, thus making it possible to simplify installation and to be able to choose the finish of the switchboard at a later time, without having to provide for adaptation works

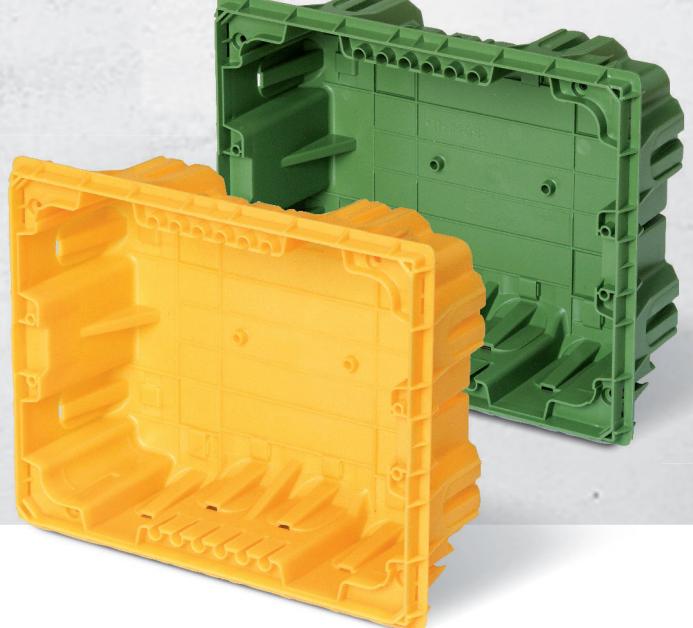
5 models available

The boxes have a rib which considerably increases their sturdiness. Furthermore, the pre-fractures with which they are equipped make it possible to keep the pipes for the passage of cables more tidy



Capacious

The internal surface of the boxes has been optimized in width in order to have more space for the connection and wiring of the switches



Masonry or plasterboard

The universal boxes are available in the versions for wall recessed installation and in the plasterboard version

Flush-mounting switchboards

Linea SPACE 

F315P8



F315PB24



F315S8

F315SC8

IEC 60670-24 compliant
 IP40 and IK08 (6 joules) protection
 Thermoplastic resin material
 Insulation class II 
 White RAL 9003 and Smoke finishings solutions
 Temperature range: -25 to 85 °C
 Resistance to abnormal heat and to fire (EN 60695-2-11):
 650 °C (concrete version) 850 °C (plasterboard version)
 Rail type: DIN35: Galvanized steel
 Panels (with screw at 1/4 turn) and removable frame for more than 18 modules per row
 Knockouts for 16 to 32mm (diameter) pipes
 Reversible door opening to 180°
 Common boxes for Linea SPACE and Linea HABITA series
 Flush mounted box to be ordered separately (plasterboard version with all specific accessories supplied)

Item code

WHITE DOOR SWITCHBOARDS

| Switchboard | Concrete box | Plasterboard box | N° of modules | LxAxP (mm) | Pw (W) |
|-------------|--------------|------------------|---------------|-------------|--------|
| F315PB8 | F315S8 | F315SC8 | 8 | 286x208x100 | 22 |
| F315PB12 | F315S12 | F315SC12 | 12 | 359x246x100 | 26 |
| F315PB18 | F315S18 | F315SC18 | 18 | 493x288x105 | 41 |
| F315PB24 | F315S24 | F315SC24 | 2x12 | 359x396x105 | 40 |
| F315PB36D3 | F315S36D3 | F315SC36D3 | 3x12 | 359x546x105 | 57 |
| F315PB36D2 | F315S36D2 | F315SC36D2 | 2x18 | 493x496x105 | 62 |
| F315PB54 | F315S54 | F315SC54 | 3x18 | 493x650x111 | 70 |
| F315PB72 | F315S72 | F315SC72 | 4x18 | 493x800x111 | 78 |

SMOKE DOOR SWITCHBOARDS

| Switchboard | Concrete box | Plasterboard box | N° of modules | LxAxP (mm) | Pw (W) |
|-------------|--------------|------------------|---------------|-------------|--------|
| F315P8 | F315S8 | F315SC8 | 8 | 286x208x100 | 22 |
| F315P12 | F315S12 | F315SC12 | 12 | 359x246x100 | 26 |
| F315P18 | F315S18 | F315SC18 | 18 | 493x288x105 | 41 |
| F315P24 | F315S24 | F315SC24 | 2x12 | 359x396x105 | 40 |
| F315P36D3 | F315S36D3 | F315SC36D3 | 3x12 | 359x546x105 | 57 |
| F315P36D2 | F315S36D2 | F315SC36D2 | 2x18 | 493x496x105 | 62 |
| F315P54 | F315S54 | F315SC54 | 3x18 | 493x650x111 | 70 |
| F315P72 | F315S72 | F315SC72 | 4x18 | 493x800x111 | 78 |

Item code

TERMINAL STRIPS

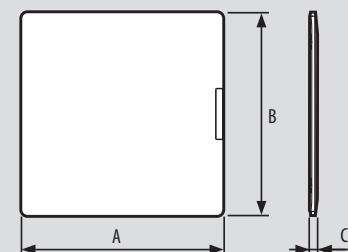
| | N° of conductors | Section (mm ²) | Colour |
|--------|------------------|----------------------------|--------------|
| FMM8N | 8 | 16 | blue/neutral |
| FMM8T | 8 | 16 | green/ground |
| FMM22N | 22 | 21x16+1x25 | blue/neutral |
| FMM22T | 22 | 21x16+1x25 | green/ground |

ACCESSORIES

| | |
|----------|---|
| F107NC1 | Key lock compatible with Linea SPACE, Linea HABITA series and IDROBOARD |
| F315KAS | Coupling kits for flush mounted boxes from 8 to 36 modules (not to be used with boxes F215 /6S) |
| F215FP | 9 mm blank module (1/2 module) - RAL 9003 white finishing - 5 modules |
| F315HZ8 | Horizontal Isolation plate for units of 18 modules per row |
| F315P18F | Perforated plate for units of 18 modules per row |
| F315P18P | Full plate for units of 18 modules per row |

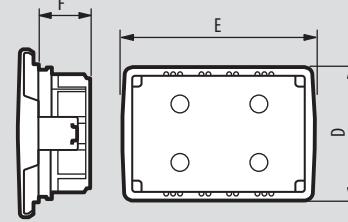
DIMENSIONS

LINEA SPACE



| Item code | Dimensions (mm) | | |
|------------|-----------------|-----|----|
| | A | B | C |
| F315..8 | 286 | 208 | 20 |
| F315..12 | 359 | 246 | 20 |
| F315..18 | 493 | 288 | 20 |
| F315..24 | 359 | 396 | 20 |
| F315..36D3 | 359 | 546 | 20 |
| F315..36D2 | 493 | 496 | 20 |
| F315..54 | 493 | 650 | 20 |
| F315..72 | 493 | 800 | 20 |

BOX



| Item code | Dimensions (mm) | | |
|------------|-----------------|-----|----|
| | D | E | F |
| F315S.8 | 186 | 232 | 80 |
| F315S.12 | 222 | 304 | 80 |
| F315S.18 | 248 | 436 | 85 |
| F315S.24 | 372 | 304 | 85 |
| F315S.36D3 | 522 | 304 | 85 |
| F315S.36D2 | 456 | 436 | 85 |
| F315S.54 | 606 | 436 | 91 |
| F315S.72 | 756 | 436 | 91 |

Flush-mounting switchboards

linea HABITA



E315P24



E315P36D3

IEC 60670-24 compliant

Protection degree IP40 and IK07

Thermoplastic resin material

Insulation class II

White RAL 9003 with Smoke finishings door

Temperature range: -25 to 85 °C

Resistance to abnormal heat and to fire (EN 60695-2-11):

650 °C (concrete version) 850 °C (plasterboard version)

Rail type: DIN35: Galvanized steel

Knockouts for 16 to 32mm (diameter) pipes

Reversible door opening to 180 °

Common boxes for Linea SPACE and Linea HABITA series

Flush mounted box to be ordered separately (plasterboard version with all specific accessories supplied)

Item code

SMOKE DOOR SWITCHBOARDS

| Switchboard | Concrete box | Plasterboard box | N° of modules | LxHxD (mm) | Pw (W) |
|-------------|--------------|------------------|---------------|-------------|--------|
| E315PS6* | - | - | 6 | 220x215x102 | 12 |
| E315P8 | F315S8 | F315SC8 | 8 | 256x225x110 | 16 |
| E315P12 | F315S12 | F315SC12 | 12 | 328x235x112 | 23 |
| E315P24 | F315S24 | F315SC24 | 2x12 | 328x385x118 | 30 |
| E315P36D3 | F315S36D3 | F315SC36D3 | 3x12 | 328x535x118 | 40 |
| E315PS54* | - | - | 3x18 | 436x615x105 | 57 |
| E315PS72* | - | - | 4x18 | 436x765x105 | 66 |
| E315PSC54** | - | - | 3x18 | 436x615x105 | 57 |
| E315PBS54** | - | - | 3x18 | 436x615x105 | 57 |
| E315PSC72** | - | - | 4x18 | 436x765x105 | 66 |

* Switchboards already complete with flush-mounting box

** Switchboards for plasterboard, already equipped with flush-mounting box

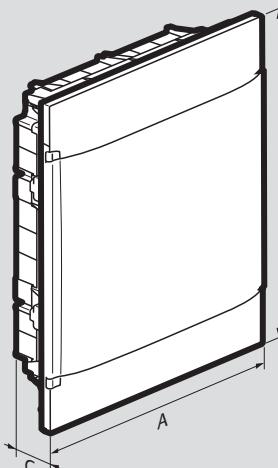
TERMINAL STRIPS

| | N° of conductors | Section (mm ²) | Colour |
|--------|------------------|----------------------------|--------------|
| FMM8N | 8 | 16 | blue/neutral |
| FMM8T | 8 | 16 | green/ground |
| FMM22N | 22 | 21x16+1x25 | blue/neutral |
| FMM22T | 22 | 21x16+1x25 | green/ground |

ACCESSORIES

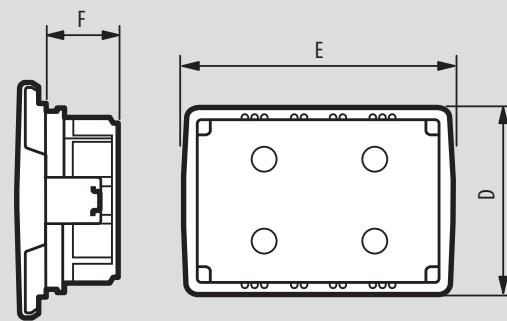
| | |
|---------|---|
| F107NC1 | Key lock compatible with Linea SPACE, Linea HABITA series and IDROBOARD |
| F315KAS | Coupling kits for flush mounted boxes from 8 to 36 modules (not to be used with boxes F215 /6S) |
| F215FP | 9 mm blank module (1/2 module) - RAL 9003 white finishing - 5 modules |
| E315KC | Adapter kit for installing LINEA HABITA switchboards in existing walled boxes |
| 134102 | Coupling kits for Linea HABITA 54 and 72 modules |

Linea Habita



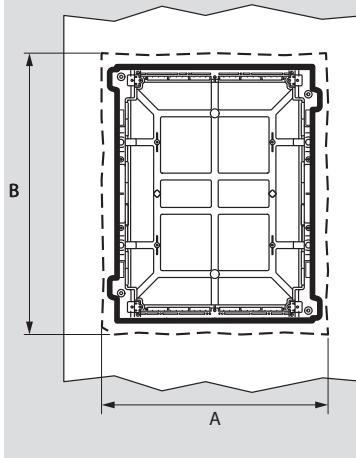
| Item code | DIMENSIONS (mm) | | |
|-----------|-----------------|-----|-----|
| | A | B | C |
| E315PS6 | 220 | 215 | 102 |
| E315P8 | 256 | 225 | 110 |
| E315P12 | 328 | 235 | 112 |
| E315P24 | 328 | 385 | 118 |
| E315P36D3 | 328 | 535 | 118 |
| E315PS54 | 436 | 615 | 105 |
| E315PS72 | 436 | 765 | 105 |

Box



| Item code | DIMENSIONS (mm) | | |
|------------|-----------------|-----|----|
| | D | E | F |
| F315S.8 | 186 | 232 | 80 |
| F315S.12 | 222 | 304 | 80 |
| F315S.18 | 248 | 436 | 85 |
| F315S.24 | 372 | 304 | 85 |
| F315S.36D3 | 522 | 304 | 85 |
| F315S.36D2 | 456 | 436 | 85 |
| F315S.54 | 606 | 436 | 91 |
| F315S.72 | 756 | 436 | 91 |

Dimensione incasso



| Item code | DIMENSIONS (mm) | |
|-----------|-----------------|-----|
| | A | B |
| E315PS6 | 202 | 215 |
| E315P8 | 238 | 190 |
| E315P12 | 310 | 230 |
| E315P24 | 310 | 380 |
| E315P36D3 | 310 | 530 |

Wall-mounting switchboards

Linea WALL



F305PT12

F305PT36

F305PT54

F305B36

IEC 60670-24, CEI 23-48, CEI 23-49, CEI 61439-3 compliant

Protection degree IP40 and IK07

Thermoplastic resin material

Insulation class II

White RAL 9003 with transparent finishings door

Door in white RAL 9003 finish that can be ordered separately

Temperature range: -10 to 60°C

Resistance to abnormal heat and to fire (EN 60695-2-11): 650 °C

Rail type: DIN35: Galvanized steel

Knockouts for 16 to 32mm (diameter) pipes

Reversible door opening to 180°

Knockouts for 16 to 32mm (diameter) pipes

Item code

SWITCHBOARDS WITH TRANSPARENT DOOR

| | N° modules | LxHxD (mm) | Pw(W) |
|-----------------|------------|-------------|-------|
| F305PT8 | 8 | 178x200x107 | 11 |
| F305PT12 | 12 | 250x235x112 | 22 |
| F305PT18 | 18 | 450x300x150 | 43 |
| F305PT24 | 2x12 | 250x385x112 | 29 |
| F305PT36 | 2x18 | 450x450x150 | 50 |
| F305PT54 | 3x18 | 450x600x150 | 66 |
| F305PT72 | 4x18 | 450x750x150 | 68 |

WHITE DOOR FOR SWITCHBOARDS

| | door for switchboards 8 modules |
|----------------|----------------------------------|
| F305B8 | door for switchboards 8 modules |
| F305B12 | door for switchboards 12 modules |
| F305B18 | door for switchboards 18 modules |
| F305B24 | door for switchboards 24 modules |
| F305B36 | door for switchboards 36 modules |
| F305B54 | door for switchboards 54 modules |
| F305B72 | door for switchboards 72 modules |

Item code

TERMINAL STRIPS

| | N° of conductors | Section (mm ²) | Colour |
|---------------|------------------|----------------------------|--------------|
| FMM50N | 50 | 49x16+1x25 | blue/neutral |
| FMM50T | 50 | 49x16+1x25 | green/ground |
| FMM27N | 27 | 26x16+1x25 | blue/neutral |
| FMM27T | 27 | 26x16+1x25 | green/ground |

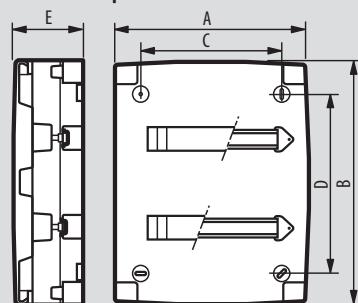
ACCESSORIES

| | |
|-----------------|--|
| F305C1 | Keylock for units 8 to 72 modules |
| F305KM | Wall mounting brackets for switchboards 12-72 modules |
| F215FP | 9 mm blank module (1/2 module) - RAL9003 white finishing - 5 modules |
| F305PF18 | Perforated plate for units of 36-54 and 72 modules - height 145mm |
| F305PP18 | Full plate for units of 36-54-72 modules - height 145mm |
| F305KA | Kit for vertical and horizontal coupling for switchboards 18 modules |
| F305TP | Document holder pocket |
| FMMSUP | Support for terminal strips for switchboards 18 modules |

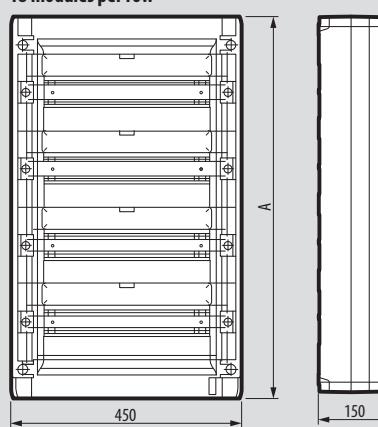
DIMENSIONS

SWITCHBOARDS

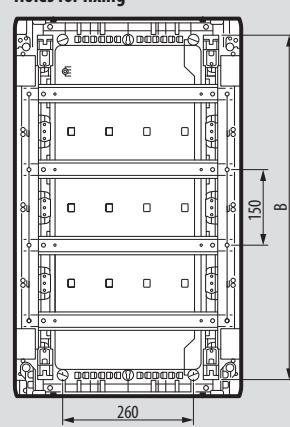
8-12 modules per row



18 modules per row



Holes for fixing



| Item code | N° of modules | DIMENSIONS (mm) | | | | |
|------------------|---------------|-----------------|-----|-----|-----|-----|
| | | A | B | C | D | E |
| F305...8 | 8 (1x8) | 178 | 200 | 110 | 140 | 107 |
| F305...12 | 12 (1x12) | 250 | 235 | 158 | 150 | 112 |
| F305...24 | 24 (2x12) | 250 | 385 | 158 | 300 | 112 |

| Item code | A (mm) |
|-----------------|--------|
| F305PT18 | 300 |
| F305PT36 | 450 |
| F305PT54 | 600 |
| F305PT72 | 750 |

| Item code | B (mm) |
|-----------------|--------|
| F305PT18 | 250 |
| F305PT36 | 365 |
| F305PT54 | 515 |
| F305PT72 | 665 |

Wall-mounting switchboards

IDROBOARD 



F107N4D



F107N24D



F107N72D



F107N24D + F107N3V



F107RDT



F107NC1

CEI 23-48, CEI 23-49, CEI EN 61439-3 compliant
IP65 and IK09 (6 joules) protection
Reinforced high-impact polystyrene material
Insulation class II
Grey RAL 7035, finishings solutions
Temperature range: -20÷70°C
Resistance to abnormal heat and to fire (EN 60695-2-11):750°C
Rail type: DIN35: Galvanized steel (12-54 modules) and resin (4-8 modules)
Knockouts for 16 to 32mm (diameter) pipes

| SWITCHBOARDS | | | |
|--|---------------|-------------------------|--------|
| Premounted cable entry with direct input. Blanking module with 5 DIN modules. | | | |
| No. of rows | N° of modules | No. of blanking modules | Pw (W) |
| F107N4D | 1 | 4 | - |
| F107N6D | 1 | 6 | - |
| F107N8D | 1 | 8 | - |
| F107N12D | 1 | 12 | 1 |
| F107N24D | 2 | 24 (2x12) | 2 |
| F107N36D3 | 3 | 36 (3x12) | 2 |
| F107N18D | 1 | 18 | 1 |
| F107N36D2 | 2 | 36 (2x18) | 2 |
| F107N54D | 3 | 54 (3x18) | 3 |
| F107N72D | 4 | 72 (4x18) | 3 |
| | | | 67 |

| FASTENING FULL PANELS | |
|------------------------------|----------------------------|
| F107PA12 | for 12-module switchboards |
| F107PA18 | for 18-module switchboards |

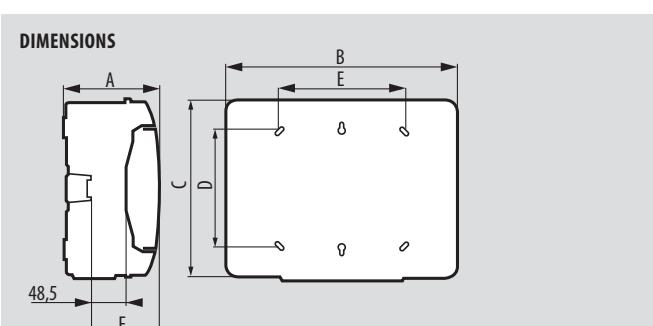
| DRILLED FIXING PLATES | |
|------------------------------|--|
| | Can be used to replace the DIN rail with a plate for the installation of non-modular devices |
| F107PS12 | for 12-module switchboards |
| F107PS18 | for 18-module switchboards |

| ACCESSORIES | |
|--------------------|---|
| F107NC1 | Key lock compatible with Linea SPACE, Linea HABITA series and IDROBOARD |
| F107NK | Junction kit (guarantees the passage of cables between switchboard and multifunction enclosure both horizontally and vertically, maintaining the IP65 protection index) |
| F107NPB | Sealing kit (2 sealable screw plumb bobs and 8 plate supports) |
| F107NS | Kit of 4 hooks and covers for fastening to the wall |
| F107FP5 | Shutters (no. 5 knockouts every ½ module) |
| F107RDT | Kit of 2 connections for pipes diameter 32 mm, 5 connections diameter 25 mm and 10 diameter 20 mm |
| F107NCH | Set of 2 hinges to fasten the switchboard bottom and door |

Reversible door opening
Distance between the rails: 150 mm
Plug-in front cover and chassis starting from the 2-row version
Draw-out chassis, individually plug-in panels
Two installation positions of the rails for versions starting from 24 modules with draw-out chassis (for MEGATIKER installation)
Installation: predrilled plates and full panels for the mounting of non-modular products
Direct fixing of the socket on the switchboard side starting from the 2-row version
Handle that can be fitted with sealable lock, cover and front panel

| MULTIFUNCTION ENCLOSURES | | |
|---------------------------------|-------------------------|---------------------|
| Type | Combinable switchboards | Dimensions LxH (mm) |
| F107N2V | vertical 2 rows | 137x432 |
| F107N3V | vertical 3 rows | 137x622 |
| F107N12H | horizontal 12 modules | 340x220 |
| F107N18H | horizontal 18 modules | 448x220 |

NOTE: accessories and controls can be installed using CQC10; CQC20; CQC20E; CQC20E + CQC10E flanges. For more information on the accessories that can be installed consult the TEMPRA section in general catalogue.



| Item code | DIMENSIONS (mm) | | | | | |
|-----------|-----------------|-----|-----|-----|-----|----|
| | A | B | C | D | E | F |
| F107N4D | 115,6 | 128 | 200 | 120 | - | 78 |
| F107N6D | 115,6 | 164 | 200 | 120 | 70 | 78 |
| F107N8D | 115,6 | 200 | 200 | 120 | 106 | 78 |
| F107N12D | 141 | 340 | 282 | 180 | 180 | 89 |
| F107N24D | 161 | 340 | 432 | 330 | 180 | 89 |
| F107N36D3 | 161 | 340 | 622 | 480 | 180 | 89 |
| F107N18D | 141 | 448 | 282 | 180 | 288 | 89 |
| F107N36D2 | 161 | 448 | 432 | 330 | 290 | 89 |
| F107N54D | 161 | 448 | 622 | 480 | 290 | 89 |
| F107N72D | 161 | 448 | 822 | 680 | 290 | 89 |

Protection shields

Resin shields



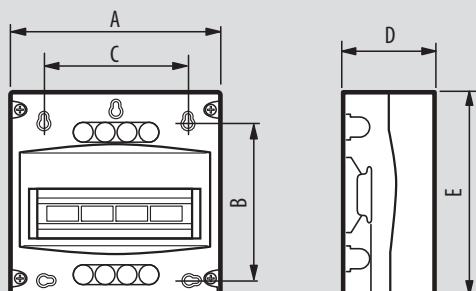
F115/6D

CEI 23-48, CEI 23-49, CEI EN 60439-3 compliant
IP30 and IK08 protection
Thermoplastic resin material
White RAL 9003, finishings solutions
Temperature range: -25 to 70 °C
Resistance to abnormal heat and to fire (EN 60695-2-11): 650 °C
Rail type: DIN35 resin
Knockouts for 20mm (diameter) pipes
Set up for the insertion of a neutral or earth terminal board
Set up for sealing
Possibility of passage of conductors under the DIN35 rail and to the side
Coupling between base and cover from the front using a screwdriver

| IP30 WALL MOUNTING PROTECTION SHIELDS | | | |
|---------------------------------------|---------------|------------|--------|
| | N° of modules | LxAxP (mm) | Pw (W) |
| F115/2D | 2 | 50x140x72 | 7 |
| F115/4D | 4(*) | 90x160x74 | 10 |
| F115/6D | 6 | 128x160x74 | 13 |
| F115/8D | 8 | 190x180x83 | 18 |

(*) terminal board item FMM8N or FMM8T can be installed in the preset housing.

DIMENSIONS



| Item code | A (mm) | B (mm) | C (mm) | D (mm) | E (mm) |
|----------------|--------|--------|--------|--------|--------|
| F115/2D | 50 | 115 | 12 * | 72 | 140 |
| F115/4D | 90 | 130 | 45 | 74 | 160 |
| F115/6D | 128 | 125 | 80 | 74 | 160 |
| F115/8D | 190 | 130 | 120 | 78 | 180 |

* It refers to the measurement taken from the center of the cap to the center of the hole

Switchboards for tertiary

Wall and flush mounted, in metal sheet



E109C/12D

E209C/36D



E109M

CEI 23-48, CEI 23-49, CEI EN 60439-3 compliant

IP30 and IK08 (6 joule) protection

Metal sheet material

Grey RAL 7035, finishings solutions

Insulating Class I

Temperature range: -20 to 70 °C

Resistance to abnormal heat and to fire (EN 60695-2-11): 650 °C

Rail type: DIN35 Galvanized steel

Distance between the rails: 150 mm

Knockouts for 16–40mm (diameter) pipes

Solutions for wall and flush mounted installation complete with box and cover

Front covers with sheet steel door and with transparent glass door

Backward moving chassis for installation on 2 depths of DIN modular devices or moulded case circuit breakers up to 125A

| IP30 WALL MOUNTED WITH DOOR | | | | |
|-----------------------------|------------------|---------------|-------------|--------|
| porta piena | porta in vetro | N° of modules | LxAxP (mm) | Pw (W) |
| E109P/12D | E109C/12D | 12 (1x12) | 300x300x90 | 39 |
| E109P/24D | E109C/24D | 24 (2x12) | 300x425x90 | 59 |
| E109P/36D | E109C/36D | 36 (3x12) | 300x550x90 | 86 |
| E109P/54D | E109C/54D | 54 (3x18) | 470x680x120 | 108 |
| E109P/72D | E109C/72D | 72 (3x2x12) | 630x680x120 | 138 |
| E109P/96D | E109C/96D | 96 (4x2x12) | 630x830x120 | 188 |

| IP30 FLUSH MOUNTED WITH DOOR | | | | |
|------------------------------|------------------|---------------|---------------|--------|
| porta piena | porta in vetro | N° of modules | LxAxP (mm) | Pw (W) |
| E209P/12D | E209C/12D | 12 (1x12) | 340x340x90 | 36 |
| E209P/24D | E209C/24D | 24 (2x12) | 340x465x90 | 58 |
| E209P/36D | E209C/36D | 36 (3x12) | 340x590x90 | 75 |
| E209P/54D | E209C/54D | 54 (3x18) | 500x710x118,5 | 90 |
| E209P/72D | E209C/72D | 72 (3x2x12) | 660x710x118,5 | 126 |
| E209P/96D | E209C/96D | 96 (4x2x12) | 660x860x118,5 | 170 |

ACCESSORIES

| | |
|--------------|--|
| 8640 | 55x15mm self adhesive tag holder |
| E80FP | Blanking module front cover for metal panels (box of 10 modules) |
| 7039 | Resin rail for side-by-side installation of BT DIN Mcb's with MEGATIKER Mcb's (length 360mm) |
| E109M | Terminal strip for neutral connection (length 360mm with 72 and 96 modules: no. 4) |

| N° of mod. | DIMENSIONS (mm) | | | | | |
|------------|-----------------|-----|-------|----|-----|-----|
| | H | B | C | D | E | F |
| 12 | 340 | 340 | 90 | 70 | 310 | 310 |
| 24 | 340 | 465 | 90 | 70 | 310 | 435 |
| 36 | 340 | 590 | 90 | 70 | 310 | 560 |
| 54 | 500 | 710 | 118,5 | 80 | 460 | 670 |
| 72 | 660 | 710 | 118,5 | 80 | 620 | 670 |
| 96 | 660 | 860 | 118,5 | 80 | 620 | 820 |

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