2 WIRE AUDIO AND VIDEO
DOOR ENTRY SYSTEMS

bticino

Global strength

built on local knowledge

Legrand is the global specialist in electrical and digital building infrastructures. Innovation is the driving force behind its development.

With an increasing investment in research and development (circa 5% of sales) and more than 3,700 active patents, the Legrand Group is focused on maintaining a high rate of new product launches that present innovative solutions to the market.
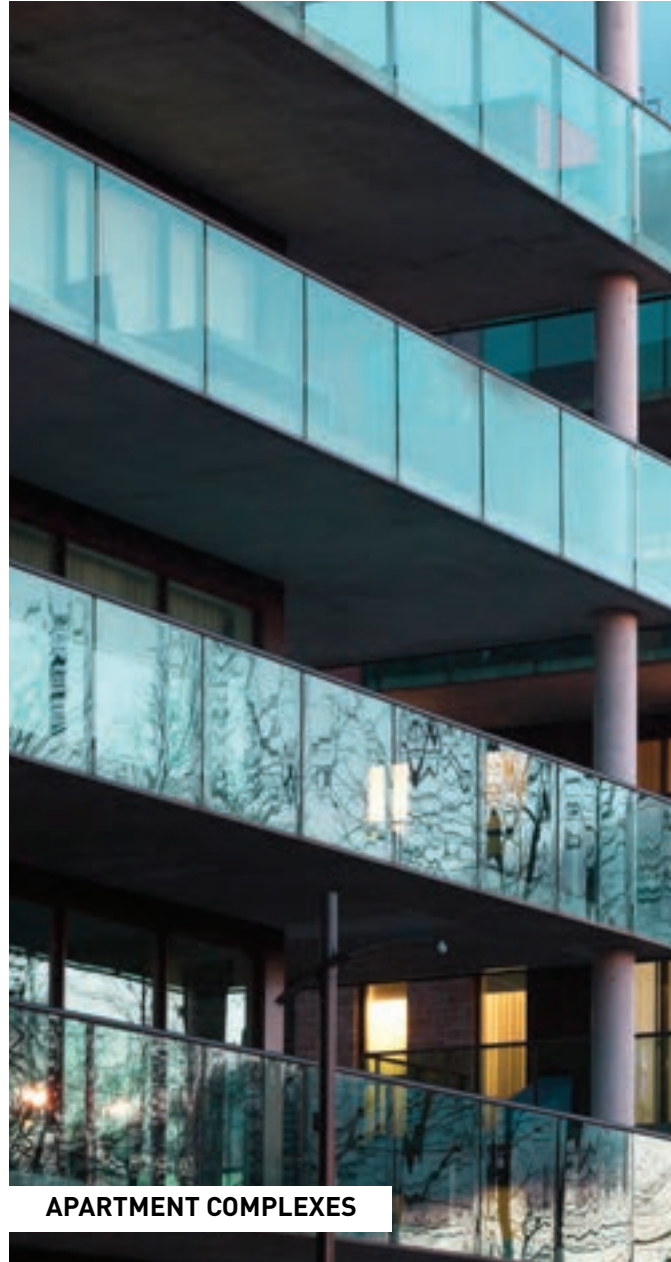
CORPORATE SOCIAL RESPONSIBILITY

Legrand's CSR roadmap is a natural extension to the governance and sustainable development approach in which the company has been engaged for many years. The CSR roadmap firmly asserts Legrand's ongoing commitment to sustainable development.

Respect human rights and communities
Ensure health, safety and well-being
Develop skills
Promote equal opportunity and diversity

PEOPLE

BUSINESS ECOSYSTEM

CSR

ENVIRONMENT

Mitigate climate change
Innovate for the circular economy
Prevent pollution

Provide sustainable solutions
Ensure sustainable procurement
Act ethically

APARTMENT COMPLEXES

HOUSES
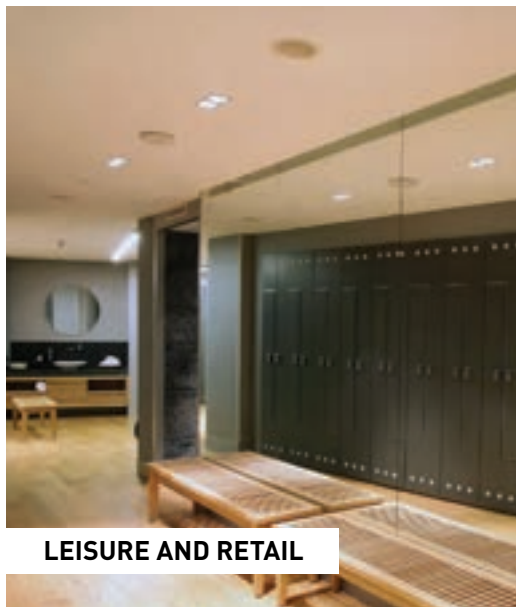
LEISURE AND RETAIL
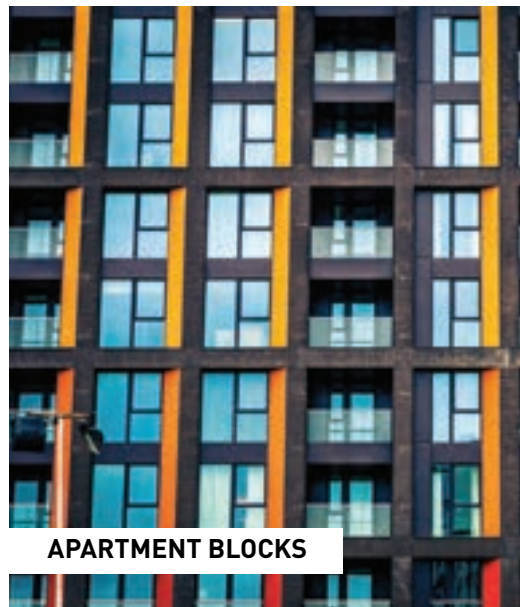
APARTMENT BLOCKS

INTRODUCTION

PRODUCT SELECTION

TECHNICAL SPECIFICATIONS

CONTENTS

Multiple possibilities...
just 2 wires

YOUR PROJECT

Bticino door entry systems can accommodate any type of project – they're easy to install whether you're working on a single house or an entire group of apartments. The ability to use existing cables also makes Bticino an ideal solution for refurbishment projects.

MAXIMUM PERFORMANCE

Exceptional audio and video performance and fast, simple installation can be achieved with 2 wire plug and play technology.

Furthest handset can be 600 metres away from the entrance panel

A SYSTEM MAY INCLUDE UP TO:

- 3900 Apartments
- 5 Handsets per apartment
- 39 Risers with independent audio mode
- 96 Video entrance panels

- Suitable for new build and refurbishment projects
- Provides safety and security for your client
- Available in kit format (single dwellings) up to complex systems for gated communities
- Easy to mix audio and video door entry within one system

IDEAL FOR ANY SIZED PROJECT, INCLUDING REFURBISHMENTS

THE CONNECTED HOME

2 wire technology allows you to easily extend beyond a simple door entry system, to offering home automation solutions to your client.

Working on the same backbone, Legrand's smart home systems are simple to install and are capable of simultaneously controlling lighting, heating, blinds and even multimedia distribution.

Find out more at www.legrand.co.uk

Simultaneous control of...

- lighting
- heating
- roller blinds
- multiroom audio

As safe as houses

Sfera

UNMISTAKABLE STYLE

Sfera's sleek design fits perfectly with modern residential and commercial developments.

ALLMETAL
FINISH

ALLWHITE
FINISH

ALLSTREET
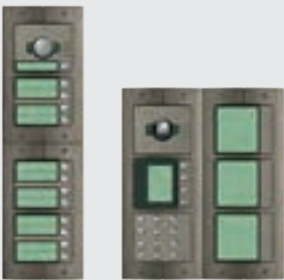FINISH

COUNTLESS COMBINATIONS

Whatever the requirements of your project, Sfera entrance panels offer the functionality you need. From basic audio door entry to wide angled cameras with night and day vision.

FLEXIBLE
MOUNTING
OPTIONS

Perfectly align multi-panel horizontal or vertical installations using back box spacers (supplied)

DOOR LOCK RELEASE FUNCTIONS

With keypad

With key card

Sfera ROBUR

EXTRA STRONG

Robust materials and optional flush mounting boxes provide increased safety and prevent removal of the device.

- High quality reinforced components
- IP54
- Up to IK10

ROBUR VANDAL RESISTANT

WIDE ANGLE CAMERA

- Wide field of view - horizontal: 135º, vertical: 96º
- Easy to use for wheelchair users

NIGHT AND DAY CAMERA

- Sharp, perfect images even in limited light conditions, thanks to IR LEDs

INDUCTIVE LOOP AND CONTROL SPEECH SYNTHESIS

- Suitable for use with hearing aids (via T selector)
- Easy to use for visually impaired people thanks to speech synthesis

Beauty
on the inside

Classe 300

A range of video internal units with a wide touch screen display. Classe 300 has been conceived with modern living styles in mind and comes in two finishes - light and dark.

Dark finish

Light finish

MODERN
CONNECTED
SIMPLE

With built-in Wi-Fi connectivity, Classe 300X has all the style of the Classe 300 range plus you can control the door entry system using your smartphone.*

*A home Wi-Fi network with internet access is required for connection. See legal notes on page 40

SIMPLE, USER-FRIENDLY GRAPHIC INTERFACE

Drawing inspiration from the most advanced consumer electronic devices, Classe 300 allows the user to easily manage calls and messages thanks to its wide touch screen display.

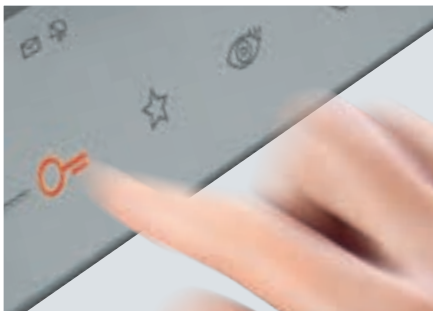**WI-FI CONNECTIVITY**

CUSTOMISABLE MENU

VIDEO DOOR ENTRY ANSWERING MACHINE
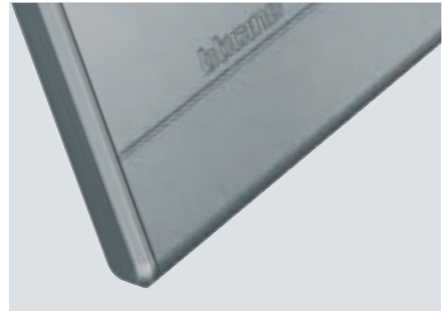

AUDIO AND TEXT NOTES

Tabletop installation
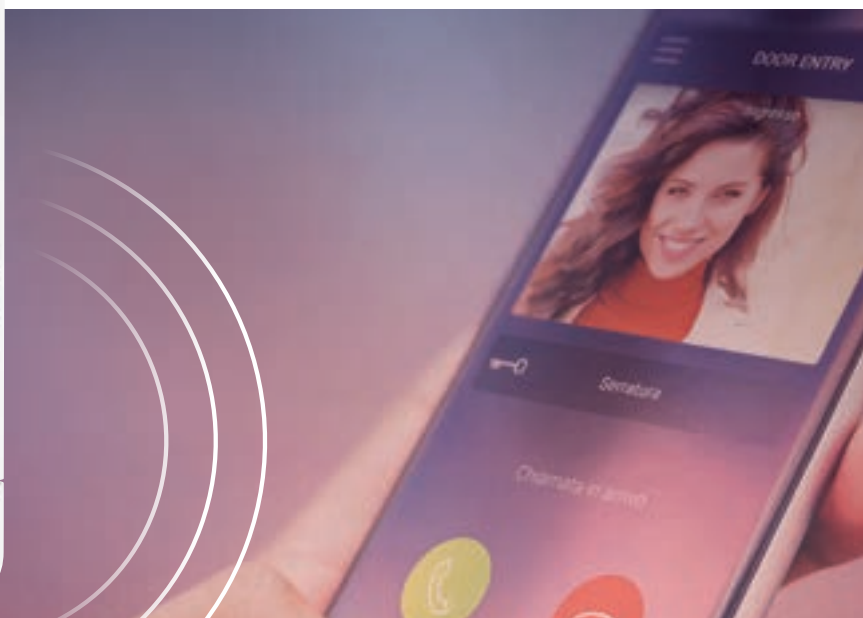

Touch sensitive buttons activate all main functions

The 7'' touch screen provides a crystal clear display

The slim metallic profile is perfectly finished with smooth edges

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A range for all your
requirements

From audio through to connected video the updated Classe 100 range has a solution whatever the requirement.

Now the standard is connected

THANKS TO BUILT-IN
WI-FI CONNECTIVITY
CLASSE 100X ALLOWS
USERS TO ANSWER
CALLS AND ACTIVATE
CAMERAS QUICKLY AND
SECURELY USING A
SMARTPHONE*

Built-in connectivity for constant connection with the home.

22 apt Up to **22 apartments** without dedicated power supply when wired in series.
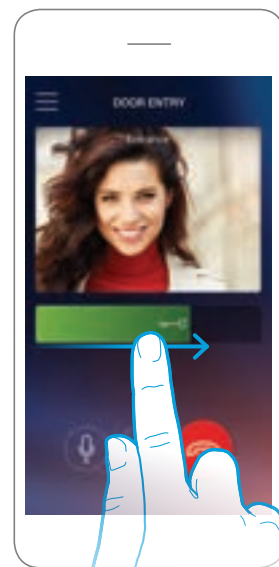
Immediate association with the **Door Entry CLASSE 100X app.**

Ideal for the refurbishment of old door entry systems.

No extra work for the installer; **easier to use** for the end user.

*A home Wi-Fi network with internet access is required for connection. See legal notes on page 40

THE CLASSE 100 RANGE

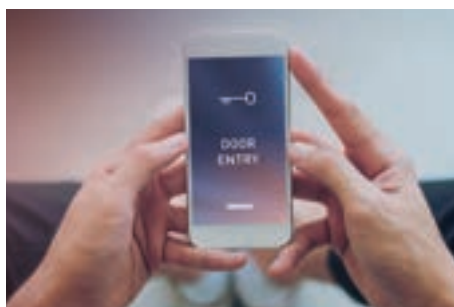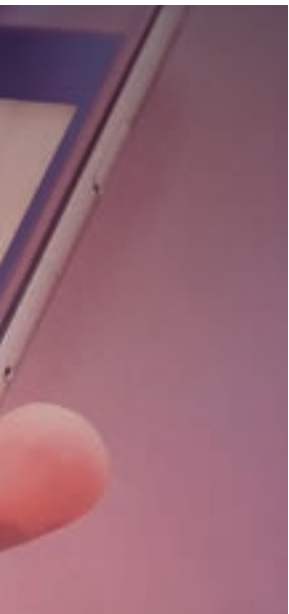| Classe 100X16E	Classe 100V16E	Classe 100V16B	Classe 100A16E	Classe 100A16M
The connected solution	The single home solution	The multi-dwelling solution	The hands free solution	The handset solution

bticino

Easy configuration
& maintenance

ADJUST THE MICROPHONE
VOLUME, REPLACE/UPDATE
NAME PLATES, CONFIGURE/
UPDATE DEVICES USING
SOFTWARE...

ALL OF THIS AND MORE
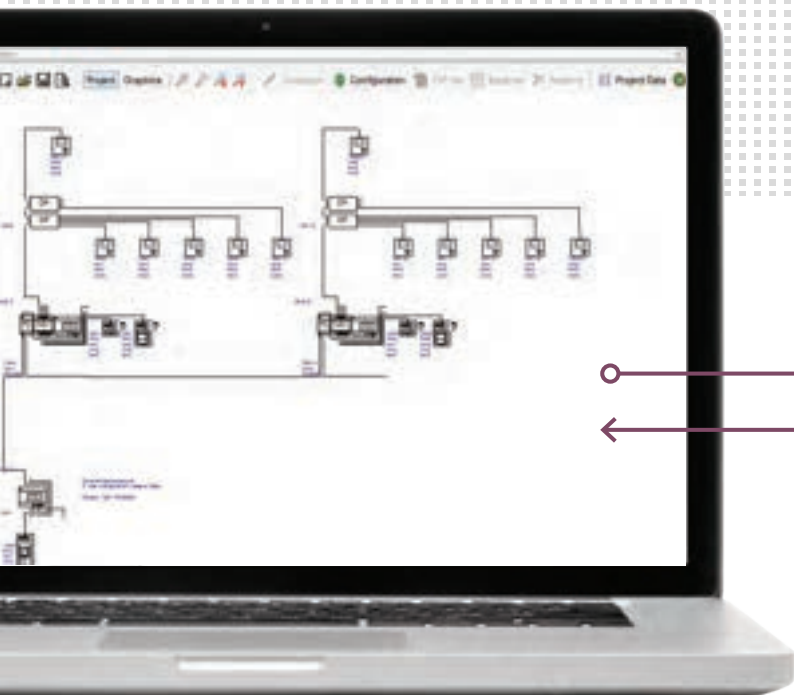WITHOUT REMOVING THE
PANEL FROM THE WALL!

All operations, with the exception of any configuration performed using physical configurators, are possible without disassembling the installation.

Clips secure front covers to electronic modules

Mini-USB connection and loudspeaker/microphone volume adjustment

Supporting your project
from start to finish

TRAINING & SUPPORT

Our specialist Bticino door entry team provides all the training and support you need to help you design and install 2 wire audio and video door entry systems...
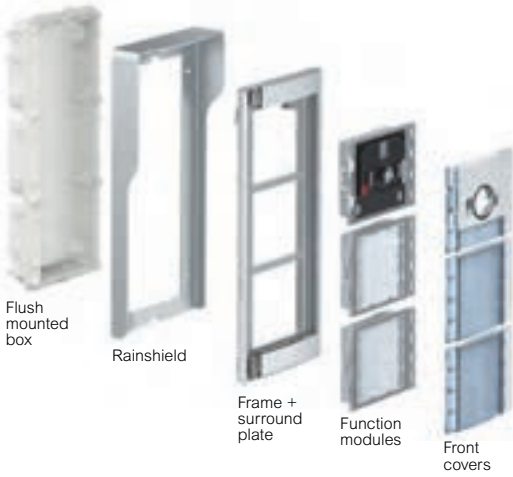
- Visit www.legrand.co.uk/training
  for details on door entry training courses
- 24 hour turnaround on quotations
- FREE design and programming software
- Full technical back-up support, including onsite engineers
- Approved stockist network throughout the UK and ROI
- For details of Bticino approved installers visit
  www.legrand.co.uk/approved-installers

YOU DIAGRAM SOFTWARE

Design your 2 wire single and multi-dwelling door entry systems in You Diagram.
This free software allows you to:

- Produce system diagrams
- Select / address entrance panels
  and cameras
- Visualise device configuration
- Check absorption levels on
  BUS system
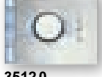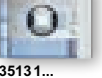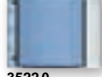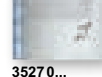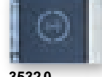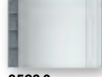
DOWNLOAD SOFTWARE
Visit **www.bticino.com**

bticino

modular entrance panels

Sfera

| | Dimensions **p. 36** | | | | | |

FINISHES	INSTALLATION TYPE		FLUSH MOUNTING BOXES	RAINSHIELDS (OPTIONAL)[1, 2]		FRAMES / PLATES[2]

CHOOSE YOUR FINISH
Replace the dots in the Cat. No. with either 1, 2, or 3 to select the desired finish

FLUSH MOUNTING INSTALLATION

Flush mounted box

Rainshield

Frame + surround plate

Function modules

Front covers

1 AllMETAL (silver)

2 AllWHITE (white)

3 AllSTREET (grey)

3500 10
1 module

3500 20
2 modules

3500 30
3 modules

3505 1..
1 module

3505 2..
2 modules

3505 3..
3 modules

3505 4..
4 modules

3505 6..
6 modules

3505 9..
9 modules

3502 1..
1 module

3502 2..
2 modules

3502 3..
3 modules

SURFACE MOUNTING INSTALLATION

Wall mounted box with in-built rainshield

Frame + surround plate

Function modules

Front covers

SURFACE MOUNTING BOXES[2]

3506 1..
1 module

3506 2..
2 modules

3506 3..
3 modules

3506 4..
4 modules

3506 6..
6 modules

3506 9..
9 modules
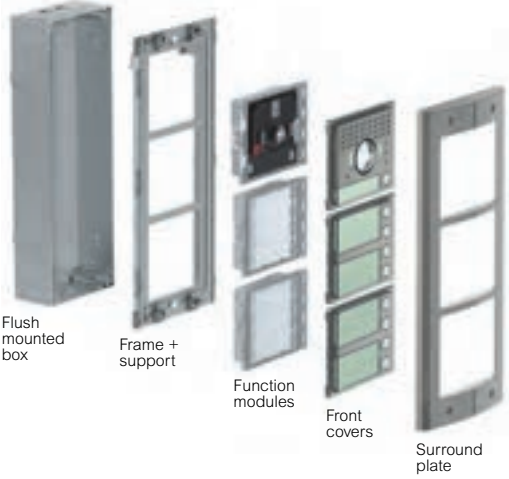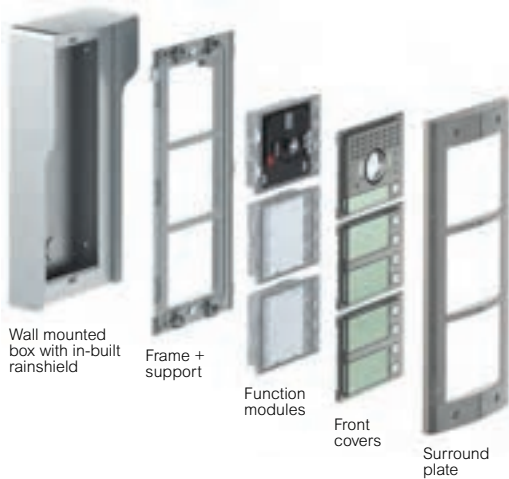
1 : For flush mounting only
2 : To select desired finish, please see 'CHOOSE YOUR FINISH', top left
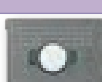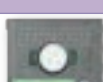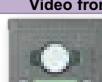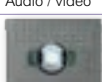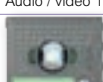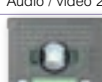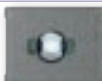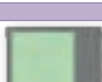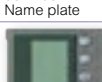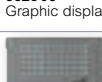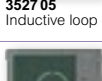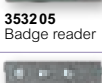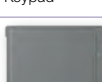
	DIGITAL FUNCTION MODULES	FRONT COVERS[2]

Audio front covers

Speakers

3510 00 Basic speaker module

3510 0... Basic speaker module	3510 1... Basic speaker module 1 push button	3510 2... Basic speaker module 2 push buttons	3510 4... Basic speaker module 2 push buttons / double row	3510 8... Basic speaker module 4 push buttons / double row

3511 00 Speaker module

3511 0... Speaker module	3511 1... Speaker module 1 push button	3511 2... Speaker module 2 push buttons	3511 4... Speaker module 2 pushbuttons / double row	3511 8... Speaker module 4 push buttons / double row

Push buttons

3520 00 4 push buttons / single row

3520 3... 3 push buttons	3520 4... 4 push buttons

3521 00 8 push buttons / double row

3521 6... 6 push buttons / double row	3521 8... 8 push buttons / double row

Video front covers

Cameras

3512 00 Audio / video

3512 0... Audio / video	3512 1... Audio / video 1 push button	3512 2... Audio / video 2 push buttons / double row

3513 00 Audio / video with wide angle camera

3513 0... Audio / video wide angle	3513 1... Audio / video wide angle 1 push button	3513 2... Audio / video wide angle 2 push buttons / double row

3540 00 cable for the connection of several push button modules L=620 mm

3524 00 Night / day with wide angle camera

3524 0... Night / day with wide angle camera

Miscellaneous front covers

Miscellaneous

3522 00 Name plate

3522 0... Name plate

3525 00 Graphic display

3525 0... Graphic display

3527 00 Inductive loop and control speech synthesis

3527 0... Inductive loop - speech synthesis

3532 00 Badge reader

3532 0... Badge reader

3530 00 Keypad

3530 0... Keypad

3523 0... Blanking module

CHOOSE YOUR FINISH
Replace the dots in the Cat. No. with either 1, 2, or 3 to select the desired finish

bticino

modular entrance panels – vandal resistant

Sfera ROBUR

	Dimensions **p. 36**			

FINISHES	INSTALLATION TYPE	FLUSH MOUNTING BOXES	SUPPORT FRAMES	SURROUND PLATES
Vandal resistant (ROBUR)	**FLUSH MOUNTING INSTALLATION** Flush mounted box — Frame + support — Function modules — Front covers — Surround plate	**3501 10** 1 module **3501 20** 2 modules **3501 30** 3 modules	**3503 15** 1 module **3503 25** 2 modules **3503 35** 3 modules	**3504 15** 1 module **3504 25** 2 modules **3504 35** 3 modules

	WALL MOUNTING INSTALLATION	SURFACE MOUNTING BOXES		
	WALL MOUNTING INSTALLATION Wall mounted box with in-built rainshield — Frame + support — Function modules — Front covers — Surround plate	**3506 13** 1 module **3506 23** 2 modules **3506 33** 3 modules	**3506 43** 4 modules **3506 63** 6 modules **3506 93** 9 modules	

14

	DIGITAL FUNCTION MODULES	FRONT COVERS

Audio front covers

Speakers		

351000 Basic speaker module

351005 Basic speaker module
351015 Basic speaker module 1 push button
351025 Basic speaker module 2 push buttons
3510 45 Basic speaker module 2 push buttons / double row
351085 Basic speaker module 4 push buttons / double row

351100 Speaker module

351105 Speaker module
351115 Speaker module 1 push button
351125 Speaker module 2 push buttons
351145 Speaker module 2 push buttons / double row
351185 Speaker module 4 push buttons / double row

Push buttons

352000 4 push buttons / single row

352035 3 push buttons
352045 4 push buttons

352100 8 push buttons / double row

352165 6 push buttons / double row
352185 8 push buttons / double row

Video front covers

Cameras

351200 Audio / video

351205 Audio / video
351215 Audio / video 1 push button
351225 Audio / video 2 push buttons / double row

351300 Audio / video with wide angle camera

351305 Audio / video with wide angle
351315 Audio / video wide angle 1 push button
351325 Audio / video wide angle 2 push buttons / double row

354000 cable for the connection of several push button modules L=620 mm

352400 Night / day with wide angle camera

352405 Night / day with wide angle

Miscellaneous front covers

Miscellaneous

352200 Name plate

3522 05 Name plate

352500 Graphic display

352505 Graphic display

352700 Inductive loop and control speech synthesis

352705 Inductive loop - speech synthesis

353200 Badge reader

353205 Badge reader

353000 Keypad

353005 Keypad

352305 Blanking module

digital function modules

for Sfera modular entrance panels

3510 00	3511 00	3512 00	3513 00

3520 00	3521 00	3524 00

Selection charts **p. 12-15**
Dimensions and technical information **p. 37-38**

Digital function modules are compatible with Sfera modular entrance panels

Pack	Cat. Nos.	**Speaker modules**
		Fitted with loudspeaker and microphone volume adjustment Manages up to 100 push button calls when using additional double row push button modules, see p. 13 and 15 Require surround plate, see p. 12 and 14
1	3510 00	**Basic speaker module** For audio systems Device must be manually configured
1	3511 00	**Speaker module** For audio and video systems Preset for additional power supply Front LEDs display notification of operating status : • door lock release • communication active • put call through • system busy Integrated optic sensor provides backlight for night visibility Device can be configured either manually or via PC and TiSferaDesign software

Pack	Cat. Nos.	**Push button modules**
		Used with speaker modules, Cat. Nos. 3510 00/3511 00 and audio/video modules, Cat. Nos. 3512 00/3513 00 Connect using cable (supplied) Require surround plate, see p. 12 and 14
1	3520 00	4 push button module / single row
1	3521 00	8 push button module / double row

Pack	Cat. Nos.	**Accessory for push button modules**
1	3540 00	Cable for connecting several push button modules

Pack	Cat. Nos.	**Camera modules**
		For colour video systems Colour camera with 1/3" sensor and white LEDs for illuminating the shooting field Mist prevention / heating resistance Fitted with loudspeaker and microphone volume adjustment Manage up to 98 push button calls using additional double row push button modules, see opposite Require surround plate, see p. 12 and 14 Preset for additional power supply Front LEDs display notification of operating status : • door lock release • communication active • put call through • system busy Integrated optic sensor provides backlight for night visibility Device can be configured either manually or via PC and TiSferaDesign software
1	3512 00	**Audio / video module** Horizontal and vertical camera position adjustment, +/- 10° in both directions
1	3513 00	**Wide angle audio / video module** For wide angle viewing Horizontal : 240 cm @ 50 cm Vertical : 115 cm @ 50 cm Does not require horizontal or vertical adjustment
1	3524 00	**Night / day and wide angle camera module** For colour video systems Fitted with 1/3" sensor with night and day function and automatic removal of the IR filter IR LED for illuminating the field of view Automatic brightness adjustment Connects to speaker module (Cat. No. 3511 00) using cable (supplied)

Module front covers **p. 12-15**

digital function modules

for Sfera modular entrance panels (continued)

3522 00   3525 00   3530 00   3532 00

3527 00

Selection charts **p. 12-15**
Dimensions and technical information **p. 37-38**

Digital function modules are compatible with Sfera modular entrance panels

Pack	Cat. Nos.	Miscellaneous modules
1	3522 00	**Nameplate module** Normally used for displaying house number or other notifications (e.g. legend for calls using digital push button panels, opening/closing times, etc.) Connect using cable (supplied) Backlight for night visibility controlled by speaker module (Cat. Nos. 3510 00/3511 00) or audio/video module (Cat. No. 3512 00), see p. 16 Requires surround plate, see p. 12 and 14
1	3525 00	**Graphic display module** Used with speaker module Cat. No. 3511 00 or with audio / video modules Cat. Nos. 3512 00/3513 00 Connect using cable (supplied) Can operate in two modes : call from address book, or digital call Stores up to 4 000 residents' names Using the keypad module Cat. No. 3530 00 allows : • direct calls to apartments by entering the corresponding number to the resident • digital calls by entering the numerical code Can be configured either manually or via PC and TiSferaDesign software Requires surround plate, see p. 12 and 14
1	3527 00	**Inductive loop and control speech synthesis module** Used with speaker module Cat. No. 3511 00 or with audio / video modules Cat. Nos. 3512 00/3513 00 Enables use by people wearing hearing aids (fitted with T selector) or blind people via voice message synthesis (call active, call ended, no answer, busy, door open) Connects to speaker module using cable (supplied) Can be configured either manually or via PC and TiSferaDesign software Requires surround plate, see p. 12 and 14

Pack	Cat. Nos.	Miscellaneous modules (continued)
1	3530 00	**Keypad module** For door lock release, or digital call to an apartment (with display module Cat. No. 3525 00) Fitted with relay with contacts and clamps for connecting to a local door lock release push button Numerical code can be programmed to open door lock using keypad, or using a PC, after downloading the module programming file Programming reset push button and LEDS for visual notification of access status LEDs provide backlight for night visibility Connected to other modules using cable (supplied) Device may also be used as standalone unit, with independent power supply and operation Can be configured either manually or via PC and TiSferaDesign software Requires surround plate, see p. 12 and 14
1	3532 00	**RFID reader module** For door lock release via swiping badge Manages up to 20 000 badges Fitted with relay contacts and clamps for connection of a local door release push button Badges can be programmed from module itself, or using a PC after downloading the module programming file Programming reset push button and LEDs for visual notification of access status LEDs provide backlight for night visibility Connected to other modules using cable (supplied) Device may also be used as standalone unit, with independent power supply and operation Can be configured either manually or via PC and TiSferaDesign software Requires surround plate, see p. 12 and 14 For keyfobs, see below
		Keyfobs and programmer
1	3482 00	Black keyfob
1	3482 01	Red keyfob
1	3482 02	Green keyfob
1	3482 03	Blue keyfob
1	3482 04	Orange keyfob
1	3482 05	Grey keyfob
1	3482 06	Yellow keyfob
1	3484 02	Table-top keyfob programmer

Module front covers **p. 12-15**

3430 91   3430 81   3430 71

3430 51   3430 61   3500 20

Dimensions and technical information p. 39

Pack	Cat. Nos.	**LINEA 3000 video and audio entrance panels**
		IP 54 - IK 10 Wall mounted Can be set up for one or two way installation Can manage the opening of an electrical door lock (18 V 4 A impulsive, 250 mA holding current, 30 ohm max.) White LED backlit nameplate
1	3430 91	**LINEA 3000 video entrance panel** **with door lock release proximity reader** 2 wire video push button panel with Zamac front cover, wide angle colour camera and proximity reader Fitted with white LED for the lighting of the shooting field in low light conditions Can manage a maximum of 20 keyfobs (125 KHz) for electrical door opening (master system keyfob included) Supplied with 1 set of door opening keyfobs made up of : 6 coloured keyfobs and 2 clear self adhesive discs (Cat. Nos. 3482 60 and 3482 61)
1	3430 81	**LINEA 3000 video entrance panel** 2 wire video push button panel with Zamac front cover and wide angle colour camera Fitted with white LED for the lighting of the shooting field in low light conditions
1	3430 71	**LINEA 3000 audio entrance panel** 2 wire push button panel with Zamac front cover

3482 60   3482 61

Dimensions and technical information p. 36

Pack	Cat. Nos.	**LINEA 3000 accessories**
		Door lock release keyfobs and clear discs
1	3482 60	Set of 6 coloured keyfobs which can be programmed to open the door
1	3482 61	Set of 2 programmable clear self adhesive discs which can be programmed to open the door
		Rainshield accessory
1	3430 51	Rainshield roof for Linea 3000 entrance panels (opposite) To be purchased separately
		Flush mounting accessory and plastic box
1	3430 61	Flush mounting frame for Linea 3000 entrance panels (opposite) To be purchased separately
1	3500 20	Plastic box suitable for the flush mounting installation of Linea 3000 entrance panels (opposite) To be used with frame accessory Cat. No. 3430 61 To be purchased separately

Home automation systems
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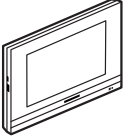
home automation system

hands free flush mounted video internal unit

0672 59

 Dimensions and technical information **p. 39**

Pack	Cat. Nos.	**Hometouch 7" touch screen**
1	0672 59	Connected 2 wire hands free video internal unit integrated with MyHOME_Up system Manage video door entry functions Control and check status of MyHOME_Up system Flush mounting installation using the dedicated boxes Cat. Nos. 3487/3487AP Installation also possible in existing wall-mounted boxes Does not require dedicated configuration tools Requires additional power supply Cat. No. 3460 20 (p. 26)

		Flush mounting box
		For 7" touch screen Cat. No. 0672 59
1	3487	For installation in masonry
1	3487AP	For installation in plasterboard

MyHOME_Up

Compatible with **NUVO**® and **bticino** products

Welcome
Simplicity

Home automation simplified.
A single app allows the installer
to configure the system and the
homeowner to customise scenes.

Lighting	Heating	Blinds	Audio	Door entry
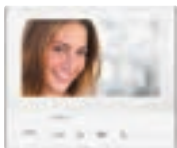
The home automation (r)evolution
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Li legrand®

Classe 300 video internal units

features and functions selection chart

	Classe 300X13E		Classe 300V13E	
	Light	**Dark**	**Light**	**Dark**
	eliot	eliot		
	3446 42	3446 43	3446 12	3446 13
FEATURES				
Colour video 7" touch screen	●	●	●	●
Hands free	●	●	●	●
Finish	light	dark	light	dark
Available in kit	3639 11 (see p.32)			
Installation	wall / table[1]	wall / table[1]	wall / table[1]	wall / table[1]
AVAILABLE FUNCTIONS FROM VIDEO INTERNAL UNIT				
Door lock release	●	●	●	●
Auxiliary relay control	●	●	●	●
Entrance panel / scrolling activation	●	●	●	●
Intercom[2]	●	●	●	●
Inductive loop[3]	●	●	●	●
Memory function	●	●		
Memo function	●	●	●	●
Wi-Fi connection	●	●		

1 : When fitted with table mounting support accessory Cat. No. 3446 32, see p. 21
2 : Audio call, max. 3 minutes, between internal units of the same apartment/different apartments
3 : Use by people wearing hearing aids fitted with T selector

A brand of L legrand

Classe 300 video internal units

hands free video internal units

3446 42

Door Entry
CLASSE 300X App

3446 43

Door Entry
CLASSE 300X App

3446 32

3446 12

3446 13

3460 20

Selection chart **p. 20**
Dimensions and technical information **p. 40**

Pack	Cat. Nos.	**Hands free video internal units (Classe 300)**
		Classe 300 has touch keys for the control of the main video door entry functions : door lock release, hands free connection, entrance panel activation / scrolling and favourite key (can be configured to activate the quick actions most frequently used - e.g. auxiliary relay control, intercom, additional activations) Tactile guide for easy access to door lock and hands free touch connection keys LEDs used for : call exclusion, notification of messages from concierge and memo Access to adjustments and functions using the touch display Memo function - for writing using the keypad, or for voice recording of messages and / or notes for the other residents of the apartment (e.g. call plumber, do the shopping, etc.) Possibility of voice communication with the concierge - if present in the system - after a specific call The device must be configured by physically connecting the configurators, or using the menu, which will give better possibilities of customisation of associated functions and texts 16 different ringtones available Can be wall mounted using bracket (supplied) or table mounted using table support accessory (Cat. No. 3446 32) - to be purchased separately
		Classe 300X13E
1	3446 42	⚪ Light
1	3446 43	⚫ Dark
		2 wire Wi-Fi hands free connected video internal unit with inductive loop, 7" touch screen LCD display and video door entry answering machine with call audio / video memory Using Wi-Fi connection, you can associate the video internal unit to the Door Entry Classe 300X app (available for Android and iOS) You can manage the main video indoor unit functions (receiving calls, opening the door lock, entrance panel activation / scrolling, firmware updating and additional activations) from the app
		Classe 300V13E
1	3446 12	⚪ Light
1	3446 13	⚫ Dark
		2 wire hands free video internal unit with inductive loop and 7" colour touch screen LCD display

Pack	Cat. Nos.	**Accessory for table support**
1	3446 32	Support for table top installation of Classe 300 video internal units

Pack	Cat. Nos.	**2 DIN additional power supply unit**
1	3460 20	Additional 2 DIN power supply (600mA) to be used to locally supply Classe 300X13E video internal units in multi-dwelling sytems Suitable only to feed additional handsets or entrance panels

Classe 100 video and audio internal units

features and functions selection chart

	Classe 100X16E	Classe 100V16E	Classe 100V16B	Classe 100A16E	Classe 100A16M
	eliot				
	3446 82	3446 72	3446 52	3442 82	3442 92
FEATURES					
5" colour LCD display	●	●	●		
Hands free	●	●	●	●	
Finish	white	white	white	white	white
Available in kit	3646 14 (see p.33)	3646 12 (see p.33)	3646 13 (see p.33)	3642 32 (see p.34)	3642 31 (see p.34)
Installation	wall / table[1]	wall / table[1]	wall / table[1]	wall / table[1]	wall / table[1]
AVAILABLE FUNCTIONS FROM AUDIO / VIDEO INTERNAL UNIT					
Door lock release	●	●	●	●	●
Auxiliary relay control	●	●	●	●	●
Entrance panel / scrolling activation	●	●	●	●	●
Intercom[2]	●	●	●	●	●
Inductive loop[3]	●	●			
Floor call	●	●	●	●	●
4 configurable keys	●	●		●	●
No. of available ringtones	20	20	20	20	20
Wi-Fi connection	●				
AVAILABLE FUNCTIONS FROM DOOR ENTRY APP					
Answer video door entry system calls	●				
Door lock release	●				
Auxiliary relay control	●				
Intercom call from smartphone to video internal unit	●				
Entrance panel / scrolling activation	●				

1 : When fitted with table mounting support accessory Cat. No. 3446 92, see p. 25
   For video internal units Cat. Nos. 3446 82/72/52 2x table support accessories are required
2 : Audio call, max. 3 minutes, between internal units of the same apartment/different apartments
3 : Use by people wearing hearing aids fitted with T selector

Classe 100

video internal units

Door Entry
CLASSE 100X App

3446 82

3446 72

3446 52

Selection chart **p. 22**
Dimensions and technical information **p. 40**

Pack	Cat. Nos.	**Hands free video internal units (Classe 100X)**
		2 physical keys for the control of the main video door entry functions : answer and end a call 3 touch keys for the control of the main functions : door lock release, auxiliary relay control and entrance panel activation/scrolling Can be wall mounted using bracket (supplied) or table mounted using table support accessory (2 x Cat. No. 3446 92, see p. 25) – to be purchased separately Device must be configured
		Classe 100X16E
1	3446 82	2 wire Wi-Fi hands free connected video internal unit with inductive loop and 5" colour LCD display Side lever to adjust : colour, brightness and display contrast, audio volume, ringtone volume and Wi-Fi configuration LED indicators for signalling of call exclusion and Wi-Fi connection Using Wi-Fi connection, you can associate the video internal unit to the Door Entry Classe 100X app (available for Android and iOS) You can manage the main video internal unit functions (receiving calls, opening the door lock, entrance panel activation/scrolling, firmware updating and additional activations) from the app 4 configurable touch keys that perform different functions : e.g. intercom, additional door lock activation, generic activations depending on the configurators connected to (M)

Pack	Cat. Nos.	**Hands free video internal units (Classe 100V)**
		2 physical keys for the control of the main video door entry functions : answer and end a call 3 touch keys for the control of the main functions : door lock release, auxiliary relay control and entrance panel activation/scrolling Can be wall mounted using bracket (supplied) or table mounted using table support accessory (2 x Cat. No. 3446 92, see p. 25) – to be purchased separately Device must be configured
		Classe 100V16E
1	3446 72	2 wire hands free video internal unit with inductive loop and 5" colour LCD Side lever to adjust : colour, brightness and display contrast, audio and ringtone volume Call exclusion notification LED 4 configurable touch keys that perform different functions : e.g. intercom, additional door lock activation, generic activations depending on the configurators connected to (M)
		Classe 100V16B
1	3446 52	2 wire hands free video internal unit with 5" colour LCD display Side lever to adjust : colour, brightness and display contrast, audio and ringtone volume Call exclusion notification LED

3442 82

3442 92

3442 42

Selection chart **p. 22**
Dimensions and technical information **p. 40-41**

Pack	Cat. Nos.	**Audio internal units (Classe 100)**
		3 touch keys for the control of the main functions : door lock release, auxiliary relay control and entrance panel activation/scrolling
		4 configurable touch keys that perform different functions : e.g. intercom, additional door lock activation, generic activations
		Can be wall mounted using bracket (supplied) or table mounted using table support accessory (1 x Cat. No. 3446 92, see p. 25) – to be purchased separately
		Device must be configured
		Classe 100A16E
1	3442 82	2 wire hands free audio internal unit
		2 physical keys for the control of the main functions – answer and end a call
		Side lever to adjust the audio volume and ringtone and a call exclusion notification LED
		Classe 100A16M
1	3442 92	2 wire audio internal unit with handset
		Ringtone volume adjustment (with call exclusion) using the appropriate selector

Pack	Cat. Nos.	**Audio handsets (Sprint)**
		2 wire audio handset for audio systems and mixed audio/video systems
		Wall mounted installation without the need for accessories
		Sprint
1	3442 42	With door lock release and auxiliary push button Call volume can be set to 3 levels
1	3442 32	As above handset (Cat. No. 3442 42) but also includes floor call

Classe 100
accessories

concierge handset

3446 92

3460 20

3463 10

Pack	Cat. Nos.	**Accessory for table support**
1	3446 92	Support for table top installation of Classe 100 video and audio internal units
		2 DIN additional power supply unit
1	3460 20	Additional 2 DIN power supply (600mA) to be used to locally supply Classe 100X16E video internal units in multi-dwelling sytems if required Suitable only to feed additional handsets or entrance panels

Pack	Cat. Nos.	**Concierge handset and accessories**
1	3463 10	Concierge handset for 2 wire audio and video systems Allows access to various services (video door entry functions and door lock/auxiliary relay management) directly from the keypad or via the intuitive icon menu Integrated table top support Features : • 7" colour LCD display • receiver and speaker phone • dedicated main function keys • configurable keys Programming can be performed directly from the device, or using a PC with TiSwitchBoardDevice software (supplied) Additional power supply is recommended Possible to connect up to a max. of 16 handsets (configured from 0 to 15) **WARNING : the concierge handset cannot be used in systems with 2 wire-IP interface Cat. No. 3468 91, see p. 28**

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3460 30   3460 40   3460 50   3468 41   3468 70

Pack	Cat. Nos.	**Power supply units**
1	3460 20	Additional power supply to be used to provide entrance panels and internal units with local power when required 2 DIN rail modules Power supply 230 Vac @ 50-60 Hz Maximum current of 600 mA
1	3460 30	Mini power supply with integrated video adapter to make small 2 wire video systems 2 DIN rail modules Power supply 230 Vac @ 50-60 Hz Maximum current of 600 mA
1	3460 40	Power supply for 2 wire audio systems 6 DIN rail modules Power supply 110 – 240 Vac @ 50-60 Hz Maximum current of 600 mA
1	3460 50	Power supply for 2 wire systems 6 DIN rail modules Output provides two power supplies : • powering the 2 wire BUS • additional power for entrance panels and internal units **IMPORTANT : the two outputs cannot be used at the same time** To be used in audio, video or mixed audio video systems Video adapter is integrated in the device

Pack	Cat. Nos.	**Relays**
1	3462 10	**Digital auxiliary / trades timer relay** 2 DIN rail modules For trades function use time switches (see p. 28) and SLA configurator Cat. No. 3501/SLA
1	3462 30	**Digital remote secure door lock relay** 2 DIN rail modules
1	3462 50	**Digital relay – NC/NO contact** Can be added in entrance panel back box
1	3462 60	**Digital timer relay** With electro-magnetic locks management, temporised door opening and lock states signalling 4 DIN rail modules

Pack	Cat. Nos.	**Video accessories**
1	F441	**Audio/video node** For mixing audio /video sources, max. 4 sources 6 DIN rail modules
1	3468 41	**Video floor distribution block** 4 outputs
1	3474 00	**Remote camera interface** Input module for external camera
1	3468 70	**Video amplifier** For systems installed with non-twisted cables (100 m max.)

system components (continued)

3468 50   3499

Pack	Cat. Nos.	**Interface with other systems**
		8 wire/2 wire interface
1	3461 50	6 DIN rail modules
		IP/2 wire interface
1	3468 91	10 DIN rail modules

Pack	Cat. Nos.	**Expansion interfaces**
		Apartment interface
1	3468 50	Connects a private video door entry system and MyHOME automation system in the apartment keeping it isolated from the main system distribution The use of the internal installation within the apartment does not occupy the main block riser 4 DIN rail modules
		Installation expansion module
1	3468 51	Allows increase in distance between entrance panel and handset, increase in number of devices installed, creation of risers with independent entrance panels 4 DIN rail modules

Pack	Cat. Nos.	**Bell accessories**
1	3369 10	Additional bell
1	3468 33	Floor call input device for door bell

Pack	Cat. Nos.	**Other accessories**
		Line terminator
1	3499	To be used to terminate the riser or apartment line, when the last installed device is not fitted with line closing micro switch
		BUS low smoke halogen free cable
1	3369 05	2 conductor cable (200 m coil)
		BUS cable
1	3469 04	2 conductor cable (200 m coil)

3469 91   3501/2   3501K

Pack	Cat. Nos.	**Universal speaker unit and expansion module**
		Universal speaker unit
1	3469 91	Can be used to install the 2 wire audio system in new or refurbished systems, where push button panels of other manufacturers are present or required (mail boxes, patterned brass, compact sheet metal units, etc.), preset for a traditional speaker module Universal speaker unit includes contacts for the connection of 8 call push buttons; to make systems with more push buttons (up to 56 using Cat. No. 3460 50 (see p.26) power supply and up to 24 with Cat. No. 3460 40 (see p.26) power supply) one or more key expansion modules must be used (1 every 8 push buttons)
		Expansion module
1	3469 92	For connecting more than 8 call push buttons to Cat. No. 3469 91 - max. 6 modules (56 calls max.) with power supply Cat. No. 3460 50, see p. 26 Max. 2 modules (24 calls max.) with power supply Cat. No. 3460 40, see p. 26

Pack	Cat. Nos.	**Configurators and kits**
		Used to associate an address with the different system components
		Configurators (pack of 10 pieces)
1	3501/0	No. 0
1	3501/1	No. 1
1	3501/2	No. 2
1	3501/3	No. 3
1	3501/4	No. 4
1	3501/5	No. 5
1	3501/6	No. 6
1	3501/7	No. 7
1	3501/8	No. 8
1	3501/9	No. 9
1	3501/JMP	JMP
1	3501/SLA	SLA
		Configurator kits
1	3060 64	Configurator kit – 10 internal units
1	3060 65	Configurator kit – 20 internal units
1	3501K	Configurator site kit consists of : – 10 pieces for each type of configurator from 0 to 9 – 2 blue removable 8-clamp connectors – 2 green removable 2-clamp connectors – 1 configurator connection tool – 1 plastic adjustment tool
		Pliers
1	3502	Pliers for configurators

bticino

MicroRex analogue time switches
for rail ⌐

IP system

4127 90

🔵 Dimensions and technical information **p. 41**

Conform to BS EN 60730-1 and BS EN 60730-2-7
Programmed via captive segment
Supply voltage : 230 V∿ 50/60 Hz
1 x 16 A output
Manual changeover to summer/winter time
Mount on DIN rail EN 60715 ⌐
No. of 17·5 mm modules : 1

Pack	Cat. Nos.	**Daily programme**
		24 hour programme One segment : 15 minutes Switching accuracy : ± 5 minutes
1	4127 90	**QT11 Daily** 1 channel With 100 hr working reserve N/O contact Minimum switching time : 15 minutes Vertical dial

Pack	Cat. Nos.	**Weekly programme**
		7 day programme One segment : 2 hours Switching accuracy : ± 30 minutes
1	4127 94	**QW11 Weekly** With 100 hr working reserve N/O contact Minimum switching time : 2 hours Vertical dial

3468 91

3463 00

Pack	Cat. Nos.	**IP interface**
1	3468 91	For extended systems with IP backbone and 2 wire support 10 DIN rail modules
1	3463 00	Virtual concierge software For the management of door entry and internal unit calls The software (for Windows operating systems) can be installed on any fixed or mobile PC and is used to receive, manage and transfer calls from inside and outside - Operating systems supported : Microsoft Windows XP Service Pack 2, Windows Vista, Windows 7, Windows 8 and Windows 10 - Software required : NET Framework 3.5 or later

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2 wire door entry systems composition table

colour video - Sfera modular entrance panels (Star Wiring)

Number of calls	Box + chassis (Flush mounting)			Support frames and surround plates			Function modules and accessories			Modular front covers					Power supply	Video floor dist. block	Configurator kits		Video handsets				
																			Classe 100V16B	Classe 100V16E	Classe 100X16E	Classe 300X13E[1]	
	3500 10	3500 20	3500 30	3502 11	3502 21	3502 31	3513 00	3520 00	3540 00	3513 01	3513 11	3520 31	3520 41	3523 01	3460 50	3468 41	Kit 3060 64	Kit 3060 65	3446 52	3446 72	3446 82	3446 42	3446 43
1	1	–	–	1	–	–	1	–	–	–	1	–	–	–	1	1	1	–	Any combination up to 1, 2, 3, 4, 5, etc				
2	1	–	–	1	–	1	1	–	1	–	1	–	–	1	1	1	1	–	Any combination up to 1, 2, 3, 4, 5, etc				
3	–	1	–	–	1	–	1	1	–	1	–	1	–	–	1	1	1	–	Any combination up to 1, 2, 3, 4, 5, etc				
4	–	1	–	–	1	–	1	1	–	1	–	–	1	–	1	1	1	–	Any combination up to 1, 2, 3, 4, 5, etc				
5	–	1	–	–	1	–	1	1	–	–	1	–	1	–	1	1	1	–	Any combination up to 1, 2, 3, 4, 5, etc				
6	–	–	1	–	–	1	1	2	–	1	–	1	1	–	1	2	1	–	Any combination up to 1, 2, 3, 4, 5, etc				
7	–	–	1	–	–	1	1	2	–	1	–	1	1	–	1	2	1	–	Any combination up to 1, 2, 3, 4, 5, etc				
8	–	–	1	–	–	1	1	2	–	1	–	–	2	–	1	2	1	–	Any combination up to 1, 2, 3, 4, 5, etc				
9	–	–	1	–	–	1	1	2	–	–	1	–	2	–	1	2	1	–	Any combination up to 1, 2, 3, 4, 5, etc				
10	–	2	–	–	2	–	1	3	1	1	–	1	2	–	1	3	1	–	Any combination up to 1, 2, 3, 4, 5, etc				
11	–	2	–	–	2	–	1	3	1	1	–	1	2	–	1	3	–	1	Any combination up to 1, 2, 3, 4, 5, etc				
12	–	2	–	–	2	–	1	3	1	1	–	–	3	–	1	3	–	1	Any combination up to 1, 2, 3, 4, 5, etc				
13	–	2	–	–	2	–	1	3	1	–	1	–	3	–	1	3	–	1	Any combination up to 1, 2, 3, 4, 5, etc				
14	–	–	2	–	–	2	1	4	1	1	–	1	3	1	1	4	–	1	Any combination up to 1, 2, 3, 4, 5, etc				
15	–	–	2	–	–	2	1	4	1	1	–	1	3	1	1	4	–	1	Any combination up to 1, 2, 3, 4, 5, etc				
16	–	–	2	–	–	2	1	4	1	1	–	–	4	1	1	4	–	1	Any combination up to 1, 2, 3, 4, 5, etc				
17	–	–	2	–	–	2	1	4	1	–	1	–	4	1	1	4	–	1	Any combination up to 1, 2, 3, 4, 5, etc				
18	–	–	2	–	–	2	1	5	1	1	–	1	4	–	1	5	–	1	Any combination up to 1, 2, 3, 4, 5, etc				
19	–	–	2	–	–	2	1	5	1	–	–	1	4	–	1	5	–	1	Any combination up to 1, 2, 3, 4, 5, etc				
20	–	–	2	–	–	2	1	5	1	–	–	–	5	–	1	5	–	1	Any combination up to 1, 2, 3, 4, 5, etc				

1 : additonal 2 DIN power supply unit required for multi-dwelling systems Cat. No. 3460 20, see p. 26

This table is indicative only, exact requirements may vary depending on project configuration.
Further technical support is available by calling +44 (0) 370 608 9020

2 wire door entry systems composition table (continued)

colour video - Sfera ROBUR modular entrance panels (Star Wiring)

Number of calls	Box + chassis (Flush mounting)			Support frames and surround plates			Function modules and accessories			Modular front covers					Power supply	Video floor dist. block	Configurator kits		Video handsets				
	3501 10	3501 20	3501 30	3503 15 + 3504 15	3503 25 + 3504 25	3503 35 + 3504 35	3513 00	3520 00	3540 00	3513 05	3513 15	3520 35	3520 45	3523 05	3460 50	3468 41	Kit 3060 64	Kit 3060 65	Classe 100V16B 3446 52	Classe 100V16E 3446 72	Classe 100X16E 3446 82	Classe 300X13E[1] 3446 42		3446 43
1	1	–	–	1	–	–	1	–	–	–	1	–	–	–	1	1	1	–	Any combination up to 1, 2, 3, 4, 5, etc					
2	–	1	–	–	1	–	1	1	–	1	–	1	–	–	1	1	1	–	Any combination up to 1, 2, 3, 4, 5, etc					
3	–	1	–	–	1	–	1	1	–	1	–	1	–	–	1	1	1	–	Any combination up to 1, 2, 3, 4, 5, etc					
4	–	1	–	–	1	–	1	1	–	1	–	–	1	–	1	1	1	–	Any combination up to 1, 2, 3, 4, 5, etc					
5	–	1	–	–	1	–	1	1	–	–	1	–	1	–	1	1	1	–	Any combination up to 1, 2, 3, 4, 5, etc					
6	–	–	1	–	–	1	1	2	–	1	–	1	1	–	1	2	1	–	Any combination up to 1, 2, 3, 4, 5, etc					
7	–	–	1	–	–	1	1	2	–	1	–	1	1	–	1	2	1	–	Any combination up to 1, 2, 3, 4, 5, etc					
8	–	–	1	–	–	1	1	2	–	1	–	–	2	–	1	2	1	–	Any combination up to 1, 2, 3, 4, 5, etc					
9	–	–	1	–	–	1	1	2	–	–	1	–	2	–	1	2	1	–	Any combination up to 1, 2, 3, 4, 5, etc					
10	–	2	–	–	2	–	1	3	1	1	–	1	2	–	1	3	1	–	Any combination up to 1, 2, 3, 4, 5, etc					
11	–	2	–	–	2	–	1	3	1	1	–	1	2	–	1	3	–	1	Any combination up to 1, 2, 3, 4, 5, etc					
12	–	2	–	–	2	–	1	3	1	1	–	–	3	–	1	3	–	1	Any combination up to 1, 2, 3, 4, 5, etc					
13	–	2	–	–	2	–	1	3	1	–	1	–	3	–	1	3	–	1	Any combination up to 1, 2, 3, 4, 5, etc					
14	–	–	2	–	–	2	1	4	1	1	–	1	3	1	1	4	–	1	Any combination up to 1, 2, 3, 4, 5, etc					
15	–	–	2	–	–	2	1	4	1	1	–	1	3	1	1	4	–	1	Any combination up to 1, 2, 3, 4, 5, etc					
16	–	–	2	–	–	2	1	4	1	1	–	–	4	1	1	4	–	1	Any combination up to 1, 2, 3, 4, 5, etc					
17	–	–	2	–	–	2	1	4	1	–	1	–	4	1	1	4	–	1	Any combination up to 1, 2, 3, 4, 5, etc					
18	–	–	2	–	–	2	1	5	1	1	–	1	4	–	1	5	–	1	Any combination up to 1, 2, 3, 4, 5, etc					
19	–	–	2	–	–	2	1	5	1	–	–	1	4	–	1	5	–	1	Any combination up to 1, 2, 3, 4, 5, etc					
20	–	–	2	–	–	2	1	5	1	–	–	–	5	–	1	5	–	1	Any combination up to 1, 2, 3, 4, 5, etc					

1 : additonal 2 DIN power supply unit required for multi-dwelling systems Cat. No. 3460 20, see p. 26

This table is indicative only, exact requirements may vary depending on project configuration.
Further technical support is available by calling +44 (0) 370 608 9020

2 wire door entry systems composition table (continued)

audio - Sfera modular entrance panels

Number of calls	Box + chassis (Flush mounting)			Surround plates[1]			Speaker module and power supply		Push button module		Modular front covers						Configurator kits		Audio handsets Sprint	Classe 100A16M	Classe 100A16E
	3500 10	3500 20	3500 30	3502 11	3502 21	3502 31	3511 00	3460 40	3520 00	3540 00	3511 01	3511 11	3511 21	3520 31	3520 41	3523 01	Kit 3060 64	Kit 3060 65	3442 42/ 3442 32	3442 92	3442 82
1	1	–	–	1	–	–	1	1	–	–	–	1	–	–	–	–	1	–	Any combination up to 1, 2, 3, 4, 5, etc		
2	1	–	–	1	–	–	1	1	–	–	–	–	1	–	–	–	1	–	Any combination up to 1, 2, 3, 4, 5, etc		
3	–	1	–	–	1	–	1	1	1	–	1	–	–	1	–	–	1	–	Any combination up to 1, 2, 3, 4, 5, etc		
4	–	1	–	–	1	–	1	1	1	–	1	–	–	–	1	–	1	–	Any combination up to 1, 2, 3, 4, 5, etc		
5	–	1	–	–	1	–	1	1	1	–	–	1	–	–	1	–	1	–	Any combination up to 1, 2, 3, 4, 5, etc		
6	–	1	–	–	1	–	1	1	1	–	–	–	1	–	1	–	1	–	Any combination up to 1, 2, 3, 4, 5, etc		
7	–	–	1	–	–	1	1	1	2	–	1	–	–	1	1	–	1	–	Any combination up to 1, 2, 3, 4, 5, etc		
8	–	–	1	–	–	1	1	1	2	–	1	–	–	–	2	–	1	–	Any combination up to 1, 2, 3, 4, 5, etc		
9	–	–	1	–	–	1	1	1	2	–	–	1	–	–	2	–	1	–	Any combination up to 1, 2, 3, 4, 5, etc		
10	–	–	1	–	–	1	1	1	2	–	–	–	1	–	2	–	1	–	Any combination up to 1, 2, 3, 4, 5, etc		
11	–	2	–	–	2	–	1	1	3	1	1	–	–	1	2	–	–	1	Any combination up to 1, 2, 3, 4, 5, etc		
12	–	2	–	–	2	–	1	1	3	1	1	–	–	–	3	–	–	1	Any combination up to 1, 2, 3, 4, 5, etc		
13	–	2	–	–	2	–	1	1	3	1	–	1	–	–	3	–	–	1	Any combination up to 1, 2, 3, 4, 5, etc		
14	–	2	–	–	2	–	1	1	3	1	–	–	1	–	3	–	–	1	Any combination up to 1, 2, 3, 4, 5, etc		
15	–	–	2	–	–	2	1	1	4	1	1	–	–	1	3	1	–	1	Any combination up to 1, 2, 3, 4, 5, etc		
16	–	–	2	–	–	2	1	1	4	1	1	–	–	–	4	1	–	1	Any combination up to 1, 2, 3, 4, 5, etc		
17	–	–	2	–	–	2	1	1	4	1	–	1	–	–	4	1	–	1	Any combination up to 1, 2, 3, 4, 5, etc		
18	–	–	2	–	–	2	1	1	4	1	–	–	1	–	4	1	–	1	Any combination up to 1, 2, 3, 4, 5, etc		
19	–	–	2	–	–	2	1	1	5	1	1	–	–	1	4	–	–	1	Any combination up to 1, 2, 3, 4, 5, etc		
20	–	–	2	–	–	2	1	1	5	1	1	–	–	–	5	–	–	1	Any combination up to 1, 2, 3, 4, 5, etc		

This table is indicative only, exact requirements may vary depending on project configuration.
Further technical support is available by calling +44 (0) 370 608 9020

3639 11

3636 11

Pack	Cat. Nos.	**Classe 300X hands free connected video kit with app control and door lock release keyfobs**
		Can be easily adapted to a two way system by purchasing an additional internal unit - refer to 2 wire system internal units range, see p. 20-21
1	3639 11	**One way hands free kit with :** Classe 300X13E video internal unit : • Light finish • Wi-Fi connectivity. Device can be associated to the Door Entry Classe 300X app (available for Android and iOS) to manage the main video internal unit functions • Inductive loop • 7" touch screen LCD display • Answering machine with call audio / video memory • Wall mounted using bracket (supplied) or table mounted using table support accessory (Cat. No. 3446 32, see p. 21) – to be purchased separately • Touch keys for the control of the main video door entry functions : door lock release, hands free connection, activation of entrance panel / camera scrolling and favourite key (can be configured to activate the quick actions most frequently used – eg : auxiliary relay control, intercom, additional activations) • Access to configuration, adjustments and functions using the touch display with graphic interface LINEA 3000 push button entrance panel : • Zamac front cover • Wide angle colour camera • Proximity reader with a set of 6 coloured keyfobs and 2 clear self adhesive discs. For additional keyfobs, see p. 18 • Can manage a maximum of 20 keyfobs (125 KHz) for the electric door lock release (including the one for system management) • White LED backlit nameplate • Can be flush or wall mounted, for flush mounting accessories see p. 18 – to be purchased separately • Can be fitted with rainshield (Cat. No. 3430 51, see p. 18) – to be purchased separately • Ingress protection rating of IP 54 and a mechanical protection rating of IK 10

Pack	Cat. Nos.	**Classe 300 hands free video kit with door lock release keyfobs**
		Can be easily adapted to a two way system by purchasing an additional internal unit - refer to 2 wire system internal units range, see p. 20-21
1	3636 11	**One way hands free kit with :** Classe 300V13M video internal unit : • Light finish • Inductive loop • 7" touch screen LCD display • Answering machine with call audio / video memory • Wall mounted using bracket (supplied) or table mounted using table support accessory (Cat. No. 3446 32, see p. 21) – to be purchased separately • Touch keys for the control of the main video door entry functions : door lock release, hands free connection, activation of entrance panel / camera scrolling and favourite key (can be configured to activate the quick actions most frequently used – eg : auxiliary relay control, intercom, additional activations) • Access to configuration, adjustments and functions using the touch display with graphic interface LINEA 3000 push button entrance panel : • Zamac front cover • Wide angle colour camera • Proximity reader with a set of 6 coloured keyfobs and 2 clear self adhesive discs. For additional keyfobs, see p. 18 • Can manage a maximum of 20 keyfobs (125 KHz) for the electric door lock release (including the one for system management) • White LED backlit nameplate • Can be flush or wall mounted, for flush mounting accessories see p. 18 – to be purchased separately • Can be fitted with rainshield (Cat. No. 3430 51, see p. 18) – to be purchased separately • Ingress protection rating of IP 54 and a mechanical protection rating of IK 10

door entry kits (continued)

Classe 100 video

3646 14

3646 12

3646 13

Pack	Cat. Nos.	**Classe 100X hands free connected video kit with app control and door lock release keyfobs**
		Can be easily adapted to a two way system by purchasing an additional internal unit - refer to 2 wire system internal units range, see p. 22-24
1	3646 14	**One way hands free kit with :** Classe 100X16E connected video internal unit : • Wi-Fi connectivity. Device can be associated to the Door Entry Classe 100X app (available for Android and iOS) to manage the main video internal unit functions • Inductive loop • 5" LCD display • Wall mounted using bracket (supplied) or table mounted using table support accessories (2 x Cat. No. 3446 92, see p. 25) – to be purchased separately • 2 physical keys for the control of the main functions – answer and end a call – 3 touch keys for the control of the main functions – door lock release, auxiliary relay control and entrance panel activation / scrolling • 4 configurable touch keys that perform different functions – e.g. intercom, additional door lock activation, generic activations • Side lever for adjustment of : colour, brightness and display contrast, audio volume, ringtone volume and Wi-Fi configuration • LED indicators for signalling of call exclusion and Wi-Fi connection

LINEA 3000 push button entrance panel : • Zamac front cover • Wide angle colour camera • Proximity reader with a set of 6 coloured keyfobs and 2 clear self adhesive discs. For additional keyfobs, see p. 18 • Can manage a maximum of 20 key fobs (125 KHz) for the electric door lock release (including the one for system management) • White LED backlit nameplate • Can be flush or wall mounted, for flush mounting accessories see p. 18 – to be purchased separately • Can be fitted with rainshield (Cat. No. 3430 51, see p. 18) – to be purchased separately • Ingress protection rating of IP 54 and a mechanical protection rating of IK 10 |

Pack	Cat. Nos.	**Classe 100V hands free video kits**
		Can be easily adapted to a two way system by purchasing an additional internal unit - refer to 2 wire system internal units range, see p. 22-24
1	3646 12	**One way hands free kit with :** Classe 100V16E video internal unit : • 5" LCD display • Wall mounted using bracket (supplied) or table mounted using table support accessories (2 x Cat. No. 3446 92, see p. 25) – to be purchased separately • 2 physical keys for the control of the main functions – answer and end a call – 3 touch keys for the control of the main functions – door lock release, auxiliary relay control and entrance panel activation /scrolling • 4 configurable touch keys that perform different functions – e.g. intercom, additional door lock activation, generic activations

LINEA 3000 push button entrance panel : • Zamac front cover • Wide angle colour camera • White LED backlit nameplate • Can be flush or wall mounted, for flush mounting accessories see p. 18 – to be purchased separately • Can be fitted with rainshield (Cat. No. 3430 51, see p. 18) – to be purchased separately • Ingress protection rating of IP 54 and a mechanical protection rating of IK 10 |
| 1 | 3646 13 | **One way hands free kit with :** Classe 100V16B video internal unit : • 5" colour LCD display • Side lever for adjustment of : colour, brightness and display contrast, audio and ringtone volume • LED indicator for signalling of call exclusion • Wall mounted using bracket (supplied) or table mounted using table support accessories (2 x Cat. No. 3446 92, see p. 25) – to be purchased separately • 2 physical keys for the control of the main video door entry functions – answer and end a call – and 3 touch keys that allow the door lock release, the entrance panel activation / scrolling and the customisation of a most frequently used quick action – e.g. auxiliary relay control, intercom, additional door lock activation, generic activations

LINEA 2000 push button entrance panel : • Aluminium front cover • Colour camera • 1 call push button panel • Green LED backlit nameplate • Ingress protection rating of IP 54 and a mechanical protection rating of IK 07 |

3642 32

3642 31

Pack	Cat. Nos.	**Classe 100 hands free audio kit**
		Can be easily adapted to a two way system by purchasing an additional internal unit - refer to 2 wire system internal units range, see p. 22 and 24
1	3642 32	**One way hands free kit with :**

Classe 100A16E audio internal unit :
• 2 physical keys for the control of the main door entry functions – answer and end a call – and has 3 touch keys for the control of the main functions – door lock release, auxiliary relay control and entrance panel activation / scrolling
• Further 4 configurable touch keys that perform different functions – e.g. intercom, additional door lock activation, generic activations, ringtone volume adjustment (with call exclusion) using the appropriate selector
• Wall mounted using bracket (supplied) or table mounted using table support accessory (1 x Cat. No. 3446 92, see p. 25) – to be purchased separately

LINEA 3000 push button entrance panel :
• Zamac front cover
• White LED backlit nameplate
• Can be flush or wall mounted, for flush mounting accessories see p. 18 – to be purchased separately
• Can be fitted with rainshield (Cat. No. 3430 51, see p. 18) – to be purchased separately
• Ingress protection rating of IP 54 and a mechanical protection rating of IK 10

Pack	Cat. Nos.	**Classe 100 audio kit with handset**
		Can be easily adapted to a two way system by purchasing an additional internal unit - refer to 2 wire system internal units range, see p. 22 and 24
1	3642 31	**One way audio kit with :**

Classe 100A16M audio internal unit :
• 3 touch keys for the control of the main functions – door lock release, auxiliary relay control and entrance panel activation / scrolling
• Further 4 configurable touch keys that perform different functions – e.g. intercom, additional door lock activation, generic activations, ringtone volume adjustment (with call exclusion) using the appropriate selector
• Wall mounted using bracket (supplied) or table mounted using table support accessory (1 x Cat. No. 3446 92, see p. 25) – to be purchased separately

LINEA 3000 push button entrance panel :
• Zamac front cover
• White LED backlit nameplate
• Can be flush or wall mounted, for flush mounting accessories see p. 18 – to be purchased separately
• Can be fitted with rainshield (Cat. No. 3430 51, see p. 18) – to be purchased separately
• Ingress protection rating of IP 54 and a mechanical protection rating of IK 10

door entry kits
audio

3668 11 - audio handset Sprint L2 and Linea 2000 push button panel

access control

8210 87

8216 31   3534 05

Pack	Cat. Nos.	**Sprint L2 - Linea 2000 audio**
		Audio handset has a door lock release push button and a push button that can be configured for auxiliary functions (staircase light switching on, entrance panel activation, call to the concierge) Devices suitable for wall mounted installation
		One way audio kit
1	3668 11	Consisting of : audio handset Sprint L2 and Linea 2000 push button panel
		Two way audio kit
1	3668 21	Consisting of : audio handset Sprint L2 and Linea 2000 push button panel

Pack	Cat. Nos.	**Standalone proximity reader (IP 53)**
		Self-contained proximity reader / controller Programmed via a master code, the unit has LED and audible indication, with exit button input and timed relay output. Accepts a remote read head for higher security. Users : up to 500. Finish : ABS. Voltage : 12 V AC / DC. Current : 80 mA. Dimensions : 135 x 76 x 20 mm
1	8216 31[1]	Standalone reader (Promi500)

		Modular proximity kit (Sfera)
		Kit comprises : - door controller - Sfera modular panel mounting reader - power supply unit - 10 proximity keyfobs. Reader uses LED and audible indication, exit button input and timed relay output
1	8210 86[1]	Standalone 2 door controller kit for up to 500 users with 2 programmable relay outlets and 2 exit button inputs

		Additional equipment
		Proximity keyfobs
1	8210 87	Grey proximity keyfobs (pack of 10)
		Additional mushroom head reader (IP 67) Small profile reader suitable for external use. Can be installed in Sfera module cover plates Cat. Nos. 3534 01/02/03/05, see below. To be used with standalone reader Cat. No. 8216 31 or in conjunction with access control kit Cat. No. 8210 86 to replace Sfera modular reader or to control a second door. Can be installed up to 50 metres from the controller. Finish : High impact ABS. Dimensions : 42 mm head, 25 mm body diameter. Operating temperature : –20 to +50° C
1	8210 83	Mushroom head reader
		Latch hammer locks
1	8206 48	Mortice latch hammer 12 V DC
1	8206 50	Rim latch hammer 12 V DC

|		**Cover plates**
		Sfera New T25 Vigik reader front covers
1	3534 01	Allmetal finish
1	3534 02	Allwhite finish
1	3534 03	Allstreet finish
1	3534 05	Robur finish

1 : The kit can be used as a standalone proximity system or, alternatively, integrated into a Bticino audio/video entrance panel For full details of additional equipment and finishes, please contact technical support **+44 (0) 370 608 9020**

btIcino

modular entrance panels

Sfera and Sfera ROBUR

■ **Entrance panels – Sfera**

Flush mounting boxes
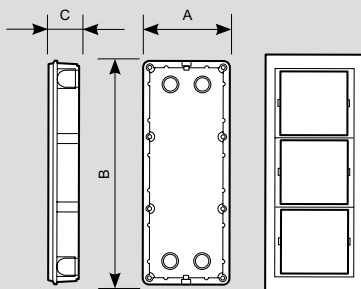
Flush mounting boxes – Sfera
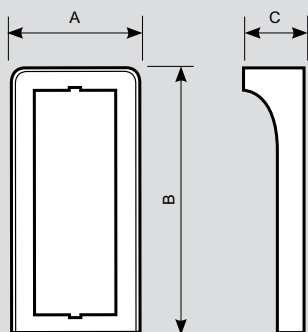
Dimensions (mm)			
Cat. Nos.	**A**	**B**	**C**
3500 10	117	123	45
3500 20	117	214	45
3500 30	117	306	45

Frames and supports

Frames and supports – Sfera

Dimensions (mm)			
Cat. Nos.	**Width**	**Height**	**Depth**
3502 11/12/13	138	144	15
3502 21/22/23	138	235	15
3502 31/32/33	138	327	15

Rainshields – optional

Rainshields – Sfera

Dimensions (mm)			
Cat. Nos.	**A**	**B**	**C**
3505 11/12/13	151	151	50
3505 21/22/23	151	242	50
3505 31/32/33	151	334	50
3505 41/42/43	290	242	50
3505 61/62/63	290	334	50
3505 91/92/93	430	334	50

Surface mounting boxes with in-built rainshields
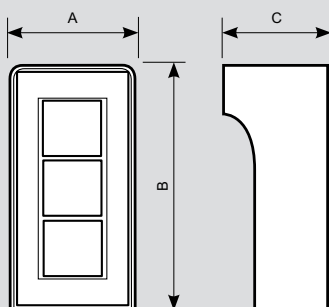
Surface mounting boxes – Sfera

Dimensions (mm)			
Cat. Nos.	**A**	**B**	**C**
3506 11/12/13	155	160	81
3506 21/22/23	155	255	81
3506 31/32/33	155	360	81
3506 41/42/43	290	255	81
3506 61/62/63	290	360	81
3506 91/92/93	430	360	81

■ **Entrance panels – Sfera ROBUR**

Flush mounting boxes
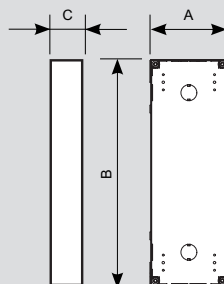
Steel flush mounting boxes – Sfera ROBUR

Dimensions (mm)			
Cat. Nos.	**A**	**B**	**C**
3501 10	102	114	51
3501 20	102	206	51
3501 30	102	297	51

With tearing protection

Surround plates
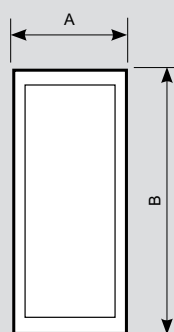
Surround plates – Sfera ROBUR

Dimensions (mm)			
Cat. Nos.	**A**	**B**	**Depth**
3504 15	139	144	21
3504 25	139	235	21
3504 35	139	327	21

Frames and supports

Frames and supports – Sfera ROBUR

Dimensions (mm)			
Cat. Nos.	**Width**	**Height**	**Depth**
3503 15	134	132	34·5
3503 25	134	223	34·5
3503 35	134	315	34·5

Surface mounting boxes with in-built rainshields
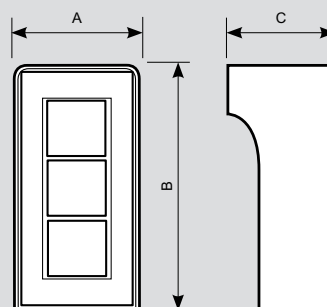
Surface mounting boxes – Sfera ROBUR

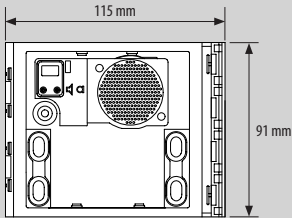| Dimensions (mm)			
Cat. Nos.	**A**	**B**	**C**
3506 13	155	160	81
3506 23	155	255	81
3506 33	155	360	81
3506 43	290	255	81
3506 63	290	360	81
3506 93	430	360	81

All dimensions (mm) are nominal

digital function modules

for Sfera modular entrance panels

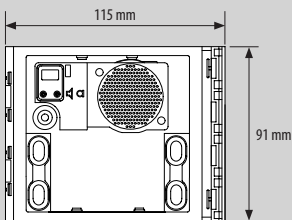## ■ Dimensions and technical data

Basic speaker module

Cat. No. 3510 00

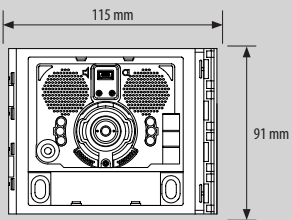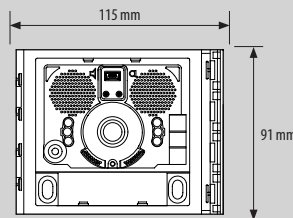| Technical data	
Power supply from SCS BUS	18-27 Vdc
Standby absorption	15 mA
Max. operating absorption	65 mA
Operating temperature	(-25)-(+70)°C
Protection Index (push button panel assembled)	IP 54

Speaker module

Cat. No. 3511 00

Technical data	
Power supply from SCS BUS	18-27 Vdc
Standby absorption (with backlighting LEDs off)	10 mA
Standby absorption (with backlighting LEDs on)	15 mA
Max. operating absorption	65 mA
Operating temperature	(-25)-(+70)°C
Protection Index (push button panel assembled)	IP 54

Audio / video module

Cat. No. 3512 00

Technical data	
Power supply from SCS BUS	18-27 Vdc
Standby absorption (with backlighting LEDs off)	15 mA
Standby absorption (with backlighting LEDs on)	20 mA
Max. operating absorption	140 mA
Colour sensor	1/3"
Lens	f2·5 f3·3 mm
Resolution	330 TV lines
Illumination of the viewing field	White LED
Brightness adjustment	Automatic
Interface	2 :1
Mist prevention heating resistance	
Operating temperature	(-25)-(+70)°C
Protection Index (push button panel assembled)	IP 54

■ Dimensions and technical data (continued)
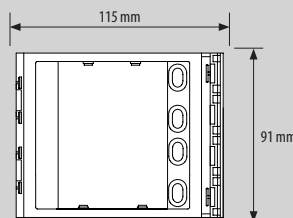
Wide angle audio / video module

Cat. No. 3513 00

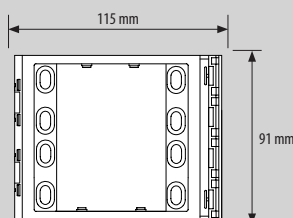| Technical data	
Power supply from SCS BUS	18-27 Vdc
Standby absorption (with backlighting LEDs off)	15 mA
Standby absorption (with backlighting LEDs on)	20 mA
Max. operating absorption	140 mA
Colour sensor	1/3"
Lens	f2·5 f31·8 mm
Resolution	330 TV lines
Illumination of the viewing field	White LED
Brightness adjustment	Automatic
Interface	2 :1
Mist prevention heating resistance	
Operating temperature	(-25)-(+70)°C
Protection Index (push button panel assembled)	IP 54

4 push button module / single column

Cat. No. 3520 00

Technical data	
Power supply from SCS BUS	18-27 Vdc
Standby absorption (with backlighting LEDs off)	1 mA
Standby absorption (with backlighting LEDs on)	7 mA
Max. operating absorption	7 mA
Operating temperature	(-25)-(+70)°C
Protection Index (push button panel assembled)	IP 54

8 push button module / double column

Cat. No. 3521 00

Technical data	
Power supply from SCS BUS	18-27 Vdc
Standby absorption (with backlighting LEDs off)	1 mA
Standby absorption (with backlighting LEDs on)	7 mA
Max. operating absorption	7 mA
Operating temperature	(-25)-(+70)°C
Protection Index (push button panel assembled)	IP 54

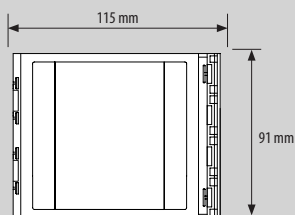All dimensions (mm) are nominal

digital function modules

for Sfera modular entrance panels (continued)

■ **Dimensions and technical data**

Nameplate module
Cat. No. 3522 00
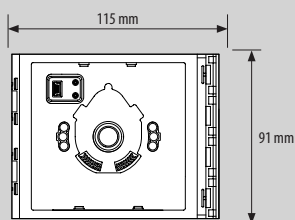
Technical data	
Power supply from SCS BUS	18-27 Vdc
Standby absorption (with backlighting LEDs off)	0 mA
Standby absorption (with backlighting LEDs on)	6 mA
Operating temperature	(-25)-(+70)°C
Protection Index (push button panel assembled)	IP 54

Night / day and wide angle camera module
Cat. No. 3524 00

Technical data	
Power supply from SCS BUS	18-27 Vdc
Standby absorption	20 mA
Max. operating absorption	115 mA
Colour sensor	1/3"
Lens	f2·5 f31·8 mm
Resolution	330 TV lines
Illumination of the viewing field	LED IR
Brightness adjustment	Automatic
Interface	2 :1
H and D function with automatic IR filter removal	
Mist prevention heating resistance	
Operating temperature	(-25)-(+70)°C
Protection Index (push button panel assembled)	IP 54

Graphic display module
Cat. No. 3525 00
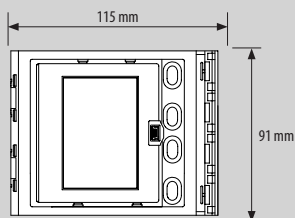
Technical data	
Power supply from SCS BUS	18-27 Vdc
Standby absorption	40 mA
Max. operating absorption	50 mA
Display type	Negative transflective
FSTN	
Display resolution	160 x 240
Operating temperature	(-25)-(+70)°C
Protection Index (push button panel assembled)	IP 54

■ **Dimensions and technical data** (continued)

Inductive loop and control speech synthesis module
Cat. No. 3527 00
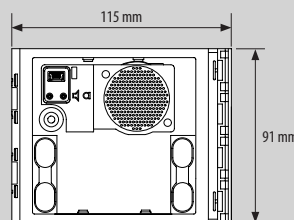
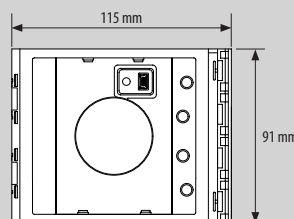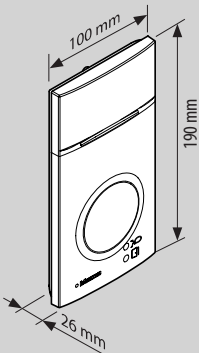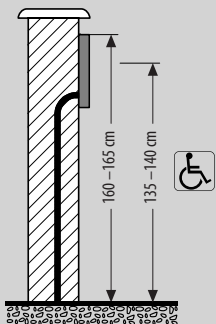| Technical data	
Power supply from SCS BUS	18-27 Vdc
Standby absorption	18 mA
Max. operating absorption	60 mA
Operating temperature	(-25)-(+70)°C
Protection Index (push button panel assembled)	IP 54

Keypad module
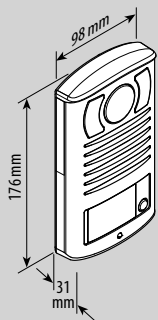Cat. No. 3530 00
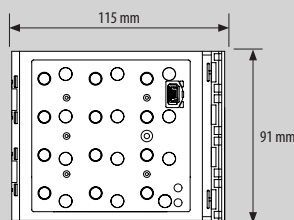
Technical data	
Power supply from SCS BUS	18-27 Vdc
Standby absorption (with backlighting LEDs off)	10 mA
Standby absorption (with backlighting LEDs on)	25 mA
Max. operating absorption	45 mA
Operating temperature	(-25)-(+70)°C
Protection Index (push button panel assembled)	IP 54

RIFD reader module
Cat. No. 3532 00

Technical data	
Power supply from SCS BUS	18-27 Vdc
Standby absorption (with backlighting LEDs off)	75 mA
Standby absorption (with backlighting LEDs on)	85 mA
Max. operating absorption	105 mA
Operating temperature	(-25)-(+70)°C
Protection Index (push button panel assembled)	IP 54

All dimensions (mm) are nominal

A brand of **Li legrand**

entrance panels

Linea 3000 and 2000

internal units

Hometouch

■ **Vandal resistant – push button (LINEA 3000 metal)**

Colour video with wide angle camera and proximity reader
Cat. No. 3430 91

Technical data	
Power supply from SCS BUS	18-27 Vdc
Standby absorption (with backlighting LEDs off)	30 mA
Standby absorption (with backlighting LEDs on)	40 mA
Max. operating absorption	265 mA
Operating temperature	(-25)-(+70)°C
Protection index	IP 54
Protection index against mechanical impact	IK 10

Installation height

Colour video with wide angle camera
Cat. No. 3430 81

Technical data	
Power supply from SCS BUS	18-27 Vdc
Standby absorption (with backlighting LEDs off)	15 mA
Standby absorption (with backlighting LEDs on)	25 mA
Max. operating absorption	245 mA
Operating temperature	(-25)-(+70)°C
Protection index	IP 54
Protection index against mechanical impact	IK 10

Audio
Cat. No. 3430 71

Technical data	
Power supply from SCS BUS	18-27 Vdc
Standby absorption (with backlighting LEDs off)	15 mA
Standby absorption (with backlighting LEDs on)	25 mA
Max. operating absorption	70 mA
Operating temperature	(-25)-(+70)°C
Protection index	IP 54
Protection index against mechanical impact	IK 10

■ **Vandal resistant – push button (LINEA 2000)**
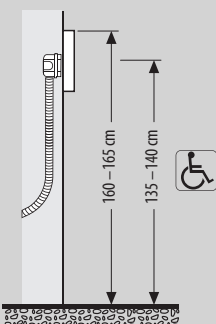
Colour video

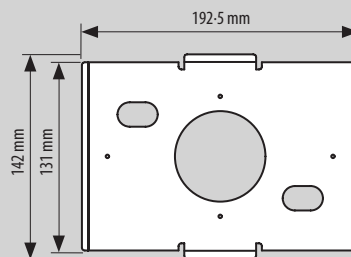| Technical data	
Power supply from SCS BUS	18-27 Vdc
Standby absorption	30 mA
Max. operating absorption	270 mA
Operating temperature	(-25)-(+70)°C
Protection index	IP 54
PI against mechanical impact	IK 07

Installation height

■ **Hometouch as a video door entry system internal unit**
Cat. No. 0672 59
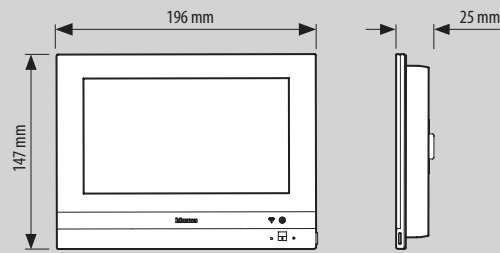
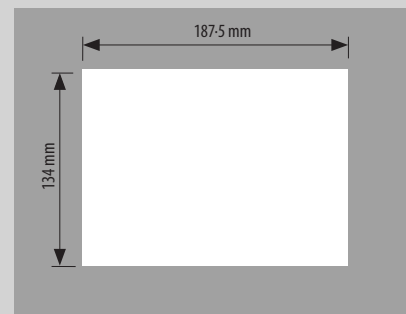**Flush mounting installation with accessory for plasterboard**
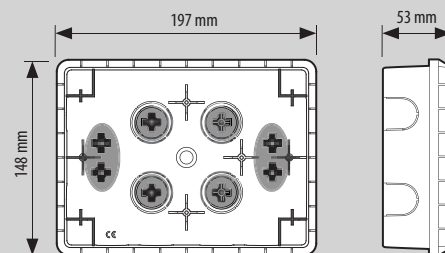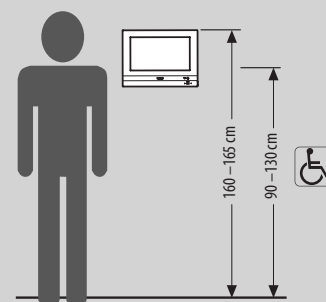Cat. No. 3487AP

Wall cut-out

Flush mounting box
Cat. No. 3487

Installation height

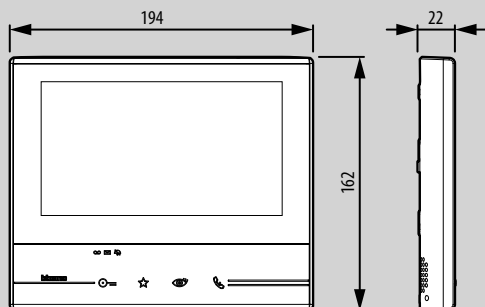All dimensions (mm) are nominal

All dimensions (mm) are nominal

39

bticino

internal units and handsets
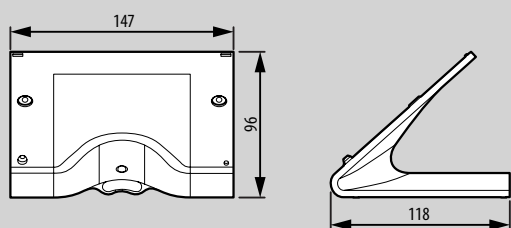
classe 300 and classe 100

■ **Classe 300**

Classe 300 video internal units

Cat. Nos. 3446 12/13/42/43

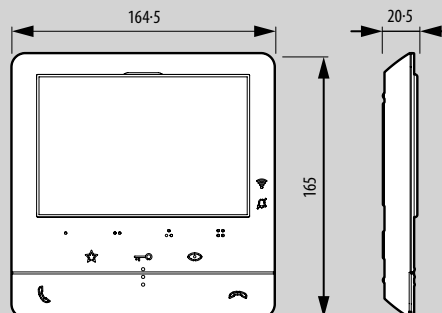**Table top support for Classe 300 video internal units**

Cat. No. 3446 32

■ **Classe 100**

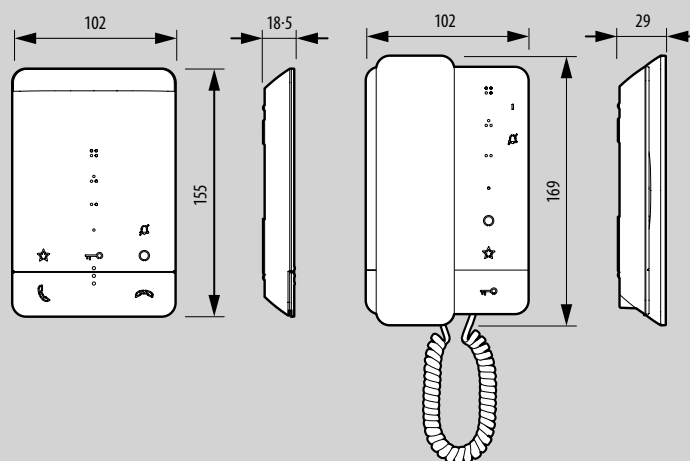**Classe 100 video internal units**

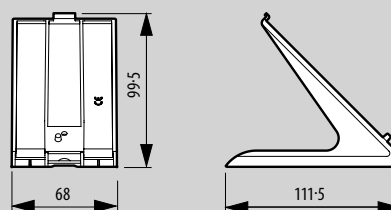Cat. Nos. 3446 52/72/82

Classe 100 audio internal units

Cat. No. 3442 82   Cat. No. 3442 92

Table top support for Classe 100 audio and video internal units

Cat. No. 3446 92

■ **Classe 300X and Classe 100X**

Legal notes :

To use the video door entry call repeat service on a smartphone, the customer must acquire the technical equipment which allows access to the Internet, on the basis of an agreement made by the customer themselves with an ISP (Internet Service Provider). Legrand plays no part in this. The customer must install the Door Entry Classe 300X app or Classe 100X app on their smartphone so that they can use some services which Legrand supplies as extras to the normal basic functions of the video internal unit. The services offered by means of the app require being able to interact with Classe 300X or Classe 100X remotely and through the Internet.

In these cases the integration and good working between Classe 300X or Classe 100X and app may depend on :
a) quality of the Wi-Fi signal;
b) type of access contract to the home internet;
c) type of data contract on the smartphone

When one of these 3 elements does not conform with the specifications required for product operation, Legrand accepts no responsibility for any faults. The product supports a VoIP streaming system. You must therefore check with your smartphone contract – data network – that it does not block it. We should also like to inform you that the service provided by Legrand – remote use via app – involves the use of data. The cost linked to data usage depends on the type of contract which the customer has with their ISP (Internet Service Provider) and is solely the customer's responsibility.

All dimensions (mm) are nominal

audio and concierge handsets

audio handset for classe 100 and concierge handset
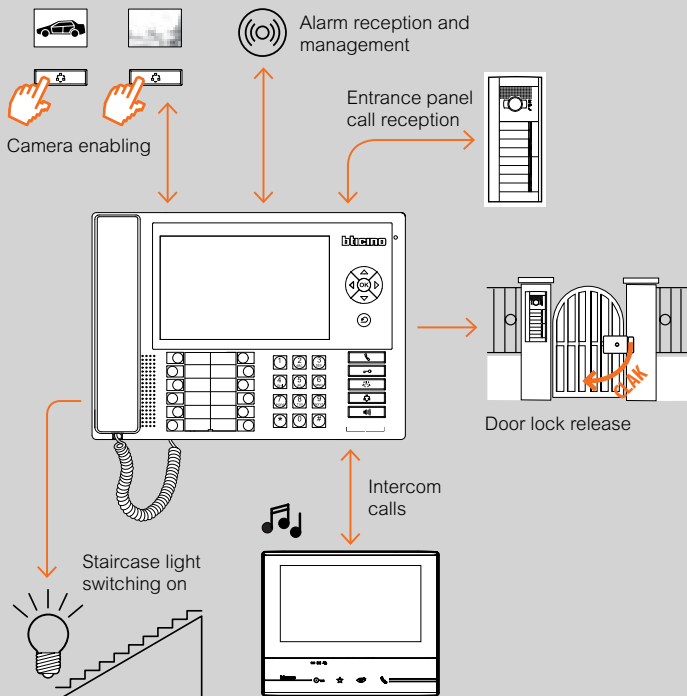
MicroRex analogue time switches

for rail ⌐⌐

■ Audio handset (Sprint)

Cat. Nos. 3442 32/42

78 54·5

194
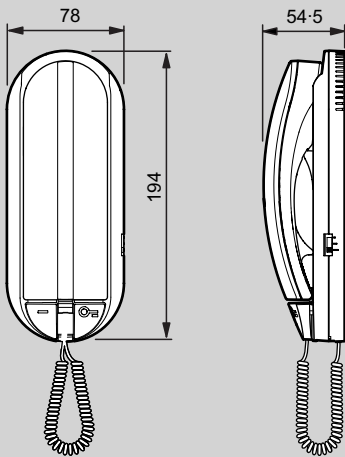
■ Concierge handset

Cat. No. 3463 10

Alarm reception and management

Entrance panel call reception

Camera enabling

Door lock release

Intercom calls

Staircase light switching on

■ Technical information

Cat. Nos.	Programme	Segment	Min. switching time	Working reserve	16 A output via contact		No. of modules
					N/O	Chang. S.	
4127 90	24 h	15 min	15 min	100 h	1	–	1
4127 94	7 d	2 h	2 h	100 h	1	–	1

■ Wiring diagram

Cat. Nos. 4127 90/94

N L
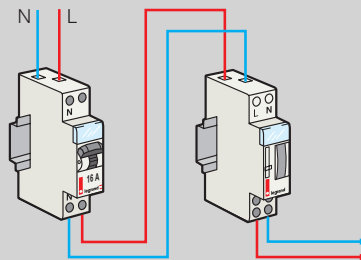
Output closing and breaking times are calculated based on the date, the actual time when the device was switched and on geographical coordinates of the actual location

■ Dimensions (mm)

Cat. Nos. 4127 90/94
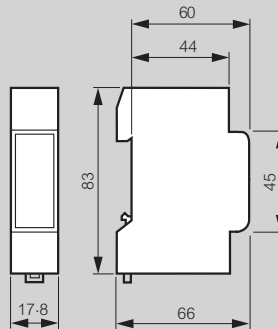
60
44
83
45
17·8
66

All dimensions (mm) are nominal

All dimensions (mm) are nominal

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