

2 wire

audio and video

door entry systems



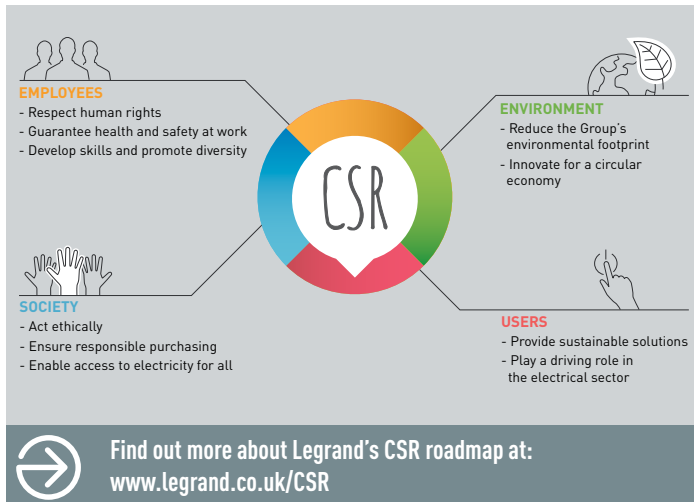
Global strength

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 4,000 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 2014-2018 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.



APARTMENT COMPLEXES



APARTMENT BLOCKS



HOUSES



LEISURE AND RETAIL

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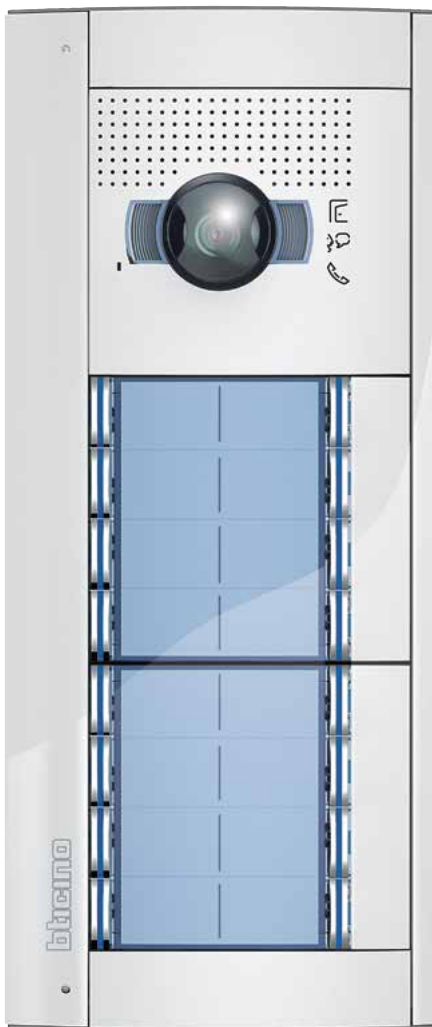
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Multiple possibilities... just 2 wires

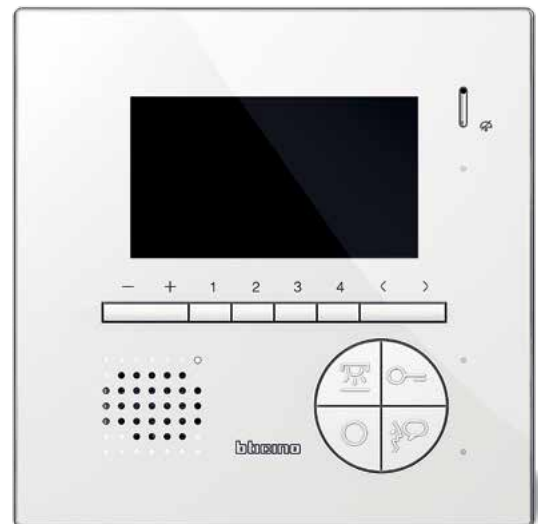


YOUR PROJECT

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 two wire plug and play technology.



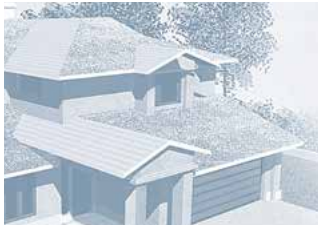
Furthest handset can be 600 metres away from the entrance panel

- 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

A SYSTEM MAY INCLUDE UP TO:

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

IDEAL FOR ANY SIZED PROJECT, INCLUDING REFURBISHMENTS



The House



The Apartment



The Apartment Complex



Gated Communities



THE CONNECTED HOME

Two 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
- multimedia distribution

As safe as houses

Sfera

UNMISTAKABLE STYLE

Sfera's modern, 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.



DOOR LOCK RELEASE FUNCTIONS



With keypad



With key card

FLEXIBLE MOUNTING OPTIONS



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

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: 135°, vertical: 96°



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

Classe 300



V13E light finish



V13E dark finish

The new 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.



on the inside

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.



HANDS FREE COMMUNICATION



CUSTOMISABLE MENU



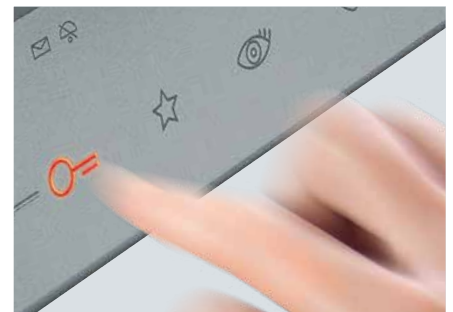
VIDEO DOOR ENTRY ANSWERING MACHINE



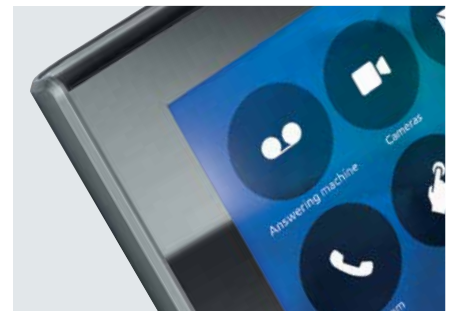
AUDIO AND TEXT NOTES

MOUNTING OPTIONS

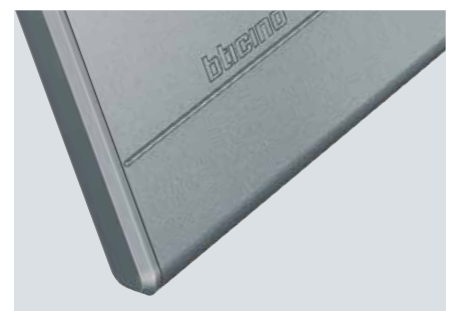
With its slim profile, Classe 300 is ideal for wall mounting installations and can also be table top mounted using a dedicated support.



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

The new shape ver

Classe 100



V12E

Classe 100 features a minimalist, discrete and elegant design, enhanced by a white glass effect finish.

Choose it for your home, shop or office, to meet all your installation and functional needs.



Classe 100
V12E

The solution that ensures maximum installation and functional flexibility.

Classe 100
V12B

The ideal solution for specifications: simple, compact, essential.

of satility



Classe 100
A12B

The audio solution
with handsfree
advantages.



Classe 100
A12M

The audio
solution with
handset.



MOUNTING OPTIONS

Classe 100 comes with a variety of installation options: surface or flush mounted to the wall; with adjustable tilt, or table top mounted.

WALL MOUNTED

FLUSH MOUNTED



WITH TILTING DISPLAY



TABLE TOP INSTALLATION



WITH HANDSET



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.

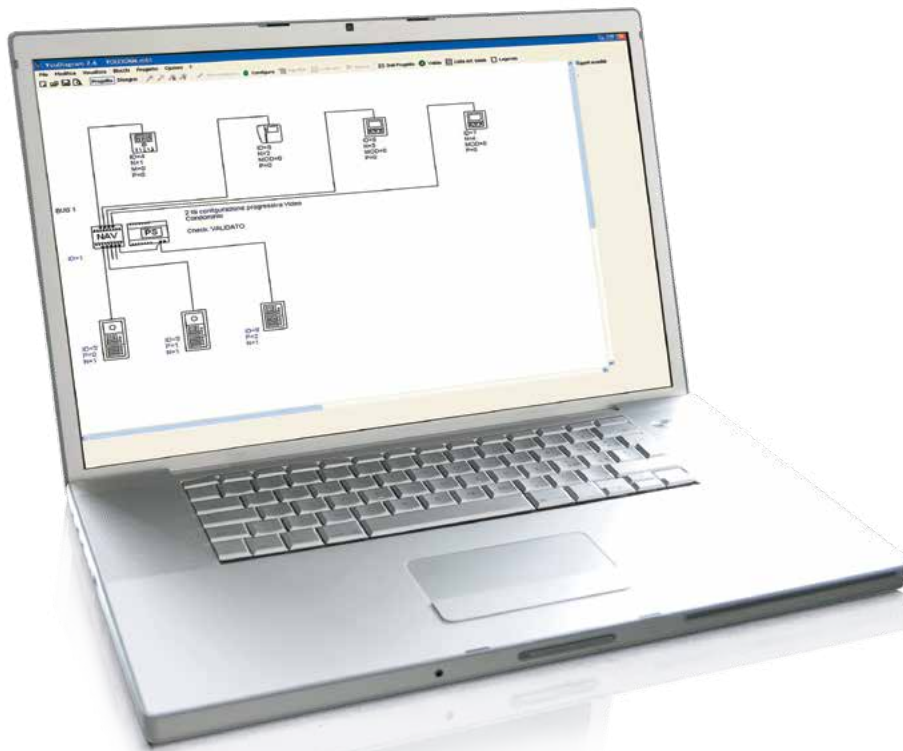


Clips secure front covers to electronic modules



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 two 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 stockists network throughout the UK and ROI**
- **For details of Bticino approved installers visit www.legrand.co.uk/approved-installers**

YOU DIAGRAM SOFTWARE

Design your two 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




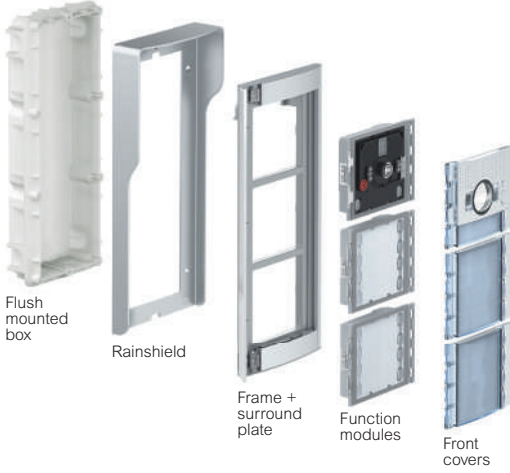












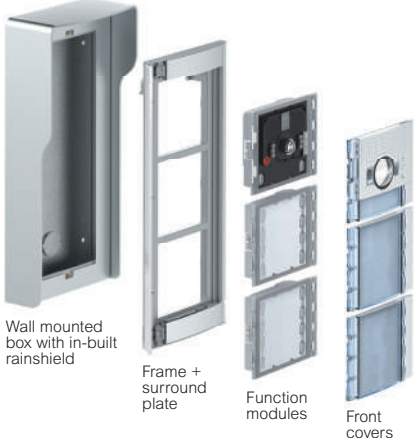






DOWNLOAD SOFTWARE

Visit www.bticino.com

Bticino modular entrance panels

Sfera









































 Dimensions p. 32

FINISHES	INSTALLATION TYPE	FLUSH MOUNTING BOXES	RAINSHIELDS (OPTIONAL) ^{1,2}	FRAMES / PLATES ²
<p>CHOOSE YOUR FINISH Replace the dots in the Cat. No. with either 1, 2, or 3 to select the desired finish</p> <p>1 All metal (silver)</p>  <p>2 All white (white)</p>  <p>3 All street (grey)</p> 	<p>FLUSH MOUNTING INSTALLATION</p>  <p>Flush mounted box</p> <p>Rainshield</p> <p>Frame + surround plate</p> <p>Function modules</p> <p>Front covers</p>	<p>3500 10 1 module</p>  <p>3500 20 2 modules</p>  <p>3500 30 3 modules</p> 	<p>3505 1.. 1 module</p>  <p>3505 2.. 2 modules</p>  <p>3505 3.. 3 modules</p>  <p>3505 4.. 4 modules</p>  <p>3505 6.. 6 modules</p>  <p>3505 9.. 9 modules</p> 	<p>3502 1.. 1 module</p>  <p>3502 2.. 2 modules</p>  <p>3502 3.. 3 modules</p> 
	<p>SURFACE MOUNTING INSTALLATION</p>  <p>Wall mounted box with in-built rainshield</p> <p>Frame + surround plate</p> <p>Function modules</p> <p>Front covers</p>	<p>SURFACE MOUNTING BOXES²</p>		
		<p>3506 1.. 1 module</p>  <p>3506 2.. 2 modules</p>  <p>3506 3.. 3 modules</p> 	<p>3506 4.. 4 modules</p>  <p>3506 6.. 6 modules</p>  <p>3506 9.. 9 modules</p> 	

1 : For flush mounting only


2 : To select desired finish, please see 'CHOOSE YOUR FINISH', top left


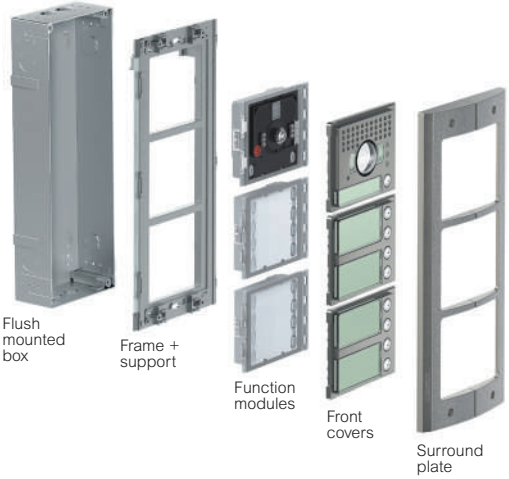



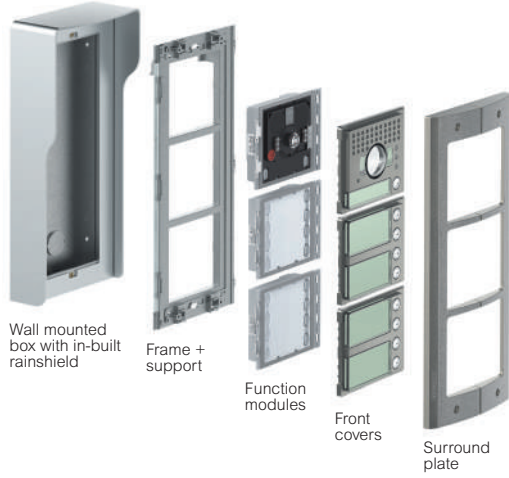



	DIGITAL FUNCTION MODULES	FRONT COVERS ²					
Speakers	 <p>351000 Basic speaker module</p>	 <p>3510... Basic speaker module</p>	 <p>35101... Basic speaker module 1 push button</p>	 <p>35102... Basic speaker module 2 push buttons</p>	 <p>35104... Basic speaker module 2 push buttons / double row</p>	 <p>35108... Basic speaker module 4 push buttons / double row</p>	
	 <p>351100 Speaker module</p>	 <p>35110... Speaker module</p>	 <p>35111... Speaker module 1 push button</p>	 <p>35112... Speaker module 2 push buttons</p>	 <p>35114... Speaker module 2 pushbuttons / double row</p>	 <p>35118... Speaker module 4 push buttons / double row</p>	
Push buttons	 <p>352000 4 push buttons / single row</p>	 <p>35203... 3 push buttons</p>	 <p>35204... 4 push buttons</p>				
	 <p>352100 8 push buttons / double row</p>	 <p>35216... 6 push buttons / double row</p>	 <p>35218... 8 push buttons / double row</p>				
Cameras	 <p>351200 Audio / video</p>	 <p>35120... Audio / video</p>	 <p>35121... Audio / video 1 push button</p>	 <p>35122... Audio / video 2 push buttons / double row</p>			
	 <p>351300 Audio / video with wide angle camera</p>	 <p>35130... Audio / video wide angle</p>	 <p>35131... Audio / video wide angle 1 push button</p>	 <p>35132... Audio / video wide angle 2 push buttons / double row</p>	 <p>354000 cable for the connection of several push button modules L=620 mm</p>		
	 <p>352400 Night / day with wide angle camera</p>	 <p>35240... Night / day with wide angle camera</p>					
Miscellaneous	 <p>352200 Name plate</p>	 <p>35220... Name plate</p>					
	 <p>352500 Graphic display</p>	 <p>35250... Graphic display</p>					
	 <p>352700 Inductive loop and control speech synthesis</p>	 <p>35270... Inductive loop - speech synthesis</p>					
	 <p>353200 Badge reader</p>	 <p>35320... Badge reader</p>					
	 <p>353000 Keypad</p>	 <p>3530... Keypad</p>					
	 <p>35230... Blanking module</p>	<div style="border: 1px solid black; padding: 5px; text-align: center;"> <p>CHOOSE YOUR FINISH Replace the dots in the Cat. No. with either 1, 2, or 3 to select the desired finish</p> </div>					

























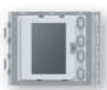








Bticino modular entrance panels - vandal resistant

Sfera ROBUR

 Dimensions p. 32

FINISHES	INSTALLATION TYPE	FLUSH MOUNTING BOXES	SUPPORT FRAMES	SURROUND PLATES
<p>Vandal resistant (ROBUR)</p> 	<p>FLUSH MOUNTING INSTALLATION</p>  <p>Flush mounted box</p> <p>Frame + support</p> <p>Function modules</p> <p>Front covers</p> <p>Surround plate</p>	 <p>3501 10 1 module</p> <p>3501 20 2 modules</p> <p>3501 30 3 modules</p>	 <p>3503 15 1 module</p> <p>3503 25 2 modules</p> <p>3503 35 3 modules</p>	 <p>3504 15 1 module</p> <p>3504 25 2 modules</p> <p>3504 35 3 modules</p>
	<p>WALL MOUNTING INSTALLATION</p>  <p>Wall mounted box with in-built rainshield</p> <p>Frame + support</p> <p>Function modules</p> <p>Front covers</p> <p>Surround plate</p>	<p>SURFACE MOUNTING BOXES</p>  <p>3506 13 1 module</p> <p>3506 43 4 modules</p> <p>3506 23 2 modules</p> <p>3506 63 6 modules</p> <p>3506 33 3 modules</p> <p>3506 93 9 modules</p>		



	DIGITAL FUNCTION MODULES	FRONT COVERS					
Speakers	 <p>351000 Basic speaker module</p>	Audio front covers					
	 <p>351100 Speaker module</p>	 <p>351005 Basic speaker module</p>	 <p>351015 Basic speaker module 1 push button</p>	 <p>351025 Basic speaker module 2 push buttons</p>	 <p>351045 Basic speaker module 2 push buttons / double row</p>	 <p>351085 Basic speaker module 4 push buttons / double row</p>	
Push buttons	 <p>352000 4 push buttons / single row</p>	 <p>352035 3 push buttons</p>	 <p>352045 4 push buttons</p>				
	 <p>352100 8 push buttons / double row</p>	 <p>352165 6 push buttons / double row</p>	 <p>352185 8 push buttons / double row</p>				
Cameras	 <p>351200 Audio / video</p>	Video front covers					
	 <p>351300 Audio / video with wide angle camera</p>	 <p>351205 Audio / video</p>	 <p>351215 Audio / video 1 push button</p>	 <p>351225 Audio / video 2 push buttons / double row</p>			
	 <p>352400 Night / day with wide angle camera</p>	 <p>351305 Audio / video with wide angle</p>	 <p>351315 Audio / video wide angle 1 push button</p>	 <p>351325 Audio / video wide angle 2 push buttons / double row</p>	 <p>354000 cable for the connection of several push button modules L=620 mm</p>		
Miscellaneous	 <p>352200 Name plate</p>	Miscellaneous front covers					
	 <p>352500 Graphic display</p>	 <p>352205 Name plate</p>					
	 <p>352700 Inductive loop and control speech synthesis</p>	 <p>352505 Graphic display</p>					
	 <p>353200 Badge reader</p>	 <p>352705 Inductive loop - speech synthesis</p>					
	 <p>353000 Keypad</p>	 <p>353205 Badge reader</p>					
	 <p>352305 Blanking module</p>						

Bticino 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. 33-34**

Digital function modules are compatible with Sfera modular entrance panels

Pack	Cat. Nos.	Speaker modules
1	3510 00	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 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
		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
1	3540 00	Accessory for push button modules Cable for connecting several push button modules

Pack	Cat. Nos.	Camera modules
1	3512 00	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 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 required 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**





Bticino 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. 33-34**

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) connected 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 : <ul style="list-style-type: none"> • 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 stand alone 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 stand alone 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 Transponder keys, see p. 19

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






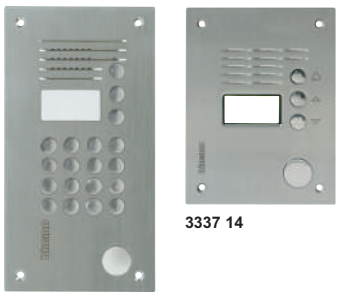

**Bticino monobloc entrance panels -
vandal resistant
scrolling display (Sfera)**



**Bticino monobloc entrance panels -
vandal resistant
digital function modules**



Dimensions p. 35

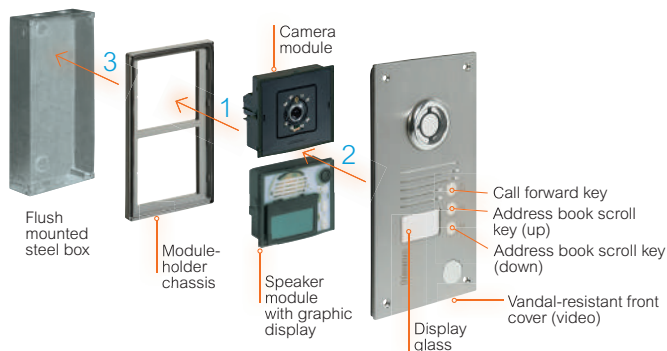
VIDEO SCROLLING PANELS	FUNCTION MODULES
 <p>3339 14</p> <p>3339 15</p>	 <p>3425 10 or 3425 50 Camera module</p>  <p>3426 30 Speaker + scrolling function/screen</p> <p>Keypad Included with Cat. No. 3339 15</p> <p>Supplied with flush mounting back box For surface mounting boxes (with rainshield), order Cat. No. AVS915SB for 3339 15 AVS914SB for 3339 14</p>
AUDIO SCROLLING PANELS	FUNCTION MODULES
 <p>3337 14</p> <p>3337 15</p>	 <p>3426 30 Speaker + scrolling function/screen</p> <p>Keypad Included with Cat. No. 3337 15</p> <p>Supplied with flush mounting back box For surface mounting boxes (with rainshield), order Cat. No. AVS715SB for 3337 15 AVS714SB for 3337 14</p>



Pack	Cat. Nos.	Camera modules
1	3425 10	Black and white camera module
1	3425 50	Colour camera module
1	3426 30	Miscellaneous module Digital call speaker module with graphic display Digital alphanumeric call + speaker module Can send the call to a handset by scrolling residents' names or codes on a display using dedicated keys Combines the functions of digital speaker module and alphanumeric display in a single device Module can save up to 1 000 residents' names and surnames associating them to the apartment SCS address 500 names can be saved when the possibility of coupling a message with them is chosen If only the residents' codes are saved, capacity extends to 5000 codes

NOTE: Can be programmed using a PC with the TICALL software (can be downloaded free from the website www.bticino.com) and the suitable interface Cat. No. 3359

Example of modularity



**Bticino entrance panels -
vandal resistant**
push button panels (Linea 2000 metal)



**Bticino entrance panels -
vandal resistant**
electronic push button panels (Axolute)




3429 81
3429 91 3429 82
3429 92 3429 71 3429 72




3393 13 3392 13 3491 40 3484 02

 Dimensions and technical information p. 35

Pack	Cat. Nos.	Vandal resistant push button panels (Linea 2000 metal)
		Surface mounting plug and play entrance panels
		Colour video push button panels Zamak finish video push button panels with adjustable colour camera Swivel camera on 2 axes Blue LED name plate light
1	3429 91	1 push button
1	3429 92	2 push buttons
		Black and white video push button panels Zamak finish video push button panels with adjustable black and white camera Swivel camera on 2 axes Blue LED name plate light
1	3429 81	1 push button
1	3429 82	2 push buttons
		Audio push button panels Zamak finish audio push button panels Blue LED name plate light
1	3429 71	1 push button
1	3429 72	2 push buttons

 Dimensions and technical information p. 35

Pack	Cat. Nos.	Electronic push button panels for IP system (Axolute)
		Colour video electronic push button panel Suitable for use in IP systems IP 54 IK 07 Fitted with : •capacitive soft touch control backlit keypad •motorised colour camera (swivel operation can be controlled from the pre-set handsets) •colour display with home page that can be fully customised by the installer •transponder reader for door lock release – may also be activated using a numeric code for residents Module to be installed with flush mounting box, Cat. No. 3393 13, and surround plate, Cat. Nos. 3392 13 (steel), or 3392 23 (brass) TiAxolute Outdoor and TiContacts programming software, residents' address book creation, and configuration supplied By locally installing a permanent cable with RJ45 socket (T568B type cross connection), it is possible to update the residents address book and the configuration, without removing the push button panel
1	3491 40	
		Surround plate and frame 3 module Anti-tamper assembly/disassembly safety key supplied
1	3392 13	Steel finish
1	3392 23	Brass finish
		Flush mounting box With tearing protection 3 module
1	3393 13	
		Transponder keys and programmer
1	3482 00	Black transponder key
1	3482 01	Red transponder key
1	3482 02	Green transponder key
1	3482 03	Blue transponder key
1	3482 04	Orange transponder key
1	3482 05	Grey transponder key
1	3482 06	Yellow transponder key
1	3484 02	Table-top transponder key programmer

 Arteor building automation system
visit www.legrand.co.uk

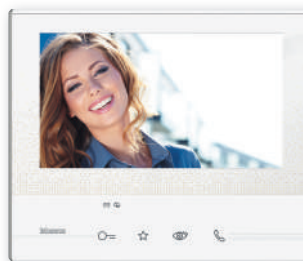




0672 67



5739 51



3446 12



3446 13



3446 22



3446 32

Dimensions and technical information **p. 36**

Pack	Cat. Nos.	Multifunctional internal units
1	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> White 0672 68 </div> <div style="text-align: center;"> Black 0672 67 </div> </div>	<p>New generation 10" multimedia video touch screen 10" touch screen performing the functions of an internal unit and a touch screen The new graphic interface enables different kinds of customisations Integrated web navigator It gives the possibility of controlling all functions from one single point of the home :</p> <ul style="list-style-type: none"> - performing of scenarios - switching on/off, and dimming of lights - shutter control - temperature display and management - energy management – consumption display - sound system management : selection of music sources, volume adjustment... - video door entry system call management - management of multimedia content (photo frame, audio player, MP3...) <p>Wall mounted installation (support supplied) Requires power supply Cat. No. 3460 20, p. 29</p>
1	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> White 5739 50 </div> <div style="text-align: center;"> Magnesium 5739 51 </div> </div>	<p>2.5" multifunctional display screens Hands free flush mounting internal unit 2.5" LCD colour display with OSD (On Screen Display) menu Can be fully integrated with the BUS/SCS system (visit www.legrand.co.uk) To be equipped with special plates (see below) To be installed in flush mounting box Cat. No. 0893 79 or 0892 79</p>
1	5764 80	Gold brass
1	5764 83	Black
1	5764 84	White
1	5764 86	Stainless steel

Pack	Cat. Nos.	Hands free video internal units (Classe 300)
1	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> Light 3446 12 </div> <div style="text-align: center;"> Dark 3446 13 </div> </div>	<p>Classe 300 has capacity keys for the control of the main video door entry functions : door lock release, hands free connection, entrance panel/scrolling activation and Favorite key (can be configured to activate the quick actions most frequently used - e.g. staircase lights control, intercom, additional activations) Tactile guide for easy access to door lock and hands free capacitive connection keys LEDs used for : call exclusion, notification of messages from switchboard 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 switchboard - 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 Wall mounted installation using the bracket supplied and table top installation (with support Cat. No. 3446 32) to be purchased separately</p>
1	3446 22	Classe 300V13E 2 wire hands free video internal unit with inductive loop and 7" colour Touch Screen LCD display
1	3446 22	Classe 300V13EM 2 wire hands free video internal unit with inductive loop, 7" colour Touch Screen LCD display and video door entry answering machine with call audio/video memory
1	3446 32	Accessory for table support and cable Accessory support for the table top installation of the Classe 300 video internal units
1	3368 03	8-way cable with connector for table top support installation

Legrand's building automation ranges visit www.legrand.co.uk





NEW

Bticino internal units and handsets

video and audio



3445 22



3445 02



3442 52



3442 62



3442 72



3442 42

Dimensions and technical information **p. 36-37**

Pack	Cat. Nos.	Hands free video internal units (Classe 100)
1	3445 22	<p>LEDs used for : call exclusion, door status, connection with the entrance panel 16 different ringtones available The device must be configured</p> <p>Classe 100V12E 2 wire hands free colour video internal unit with inductive loop, preset for different types of installations, depending on the accessories used : wall mounted, flush mounted, table mounted, with side-by-side handset, and tilted, both when wall mounted and when flush mounted 4.3" (16:9) colour LCD display Keys available : entrance panel/scrolling activation, door lock release, staircase lights control, hands free connection and 4 configurable keys Depending on the configurators connected to (M), the 4 configurable keys will perform different functions (e.g. Intercom, additional door lock activation, generic activations) Possibility of audio and ringtone volume adjustment (with call exclusion), as well as display colour, brightness, and contrast adjustment, using the appropriate rocker keys, after accessing the menu using the dedicated keys For wall mounted installation, the bracket supplied must be used For all other types of installation, the appropriate accessories must be purchased separately</p>
1	3445 02	<p>Classe 100V12B 2 wire hands free colour video internal unit for wall mounted or table top installation (with specific support to be purchased separately) 3.5" colour LCD display Keys available : entrance panel/scrolling activation, door lock release, staircase lights control and hands free connection Independent adjustment for : bell volume (with call exclusion), loudspeaker volume, brightness and colour of the display For wall mounted installation, the bracket supplied must be used</p>

Pack	Cat. Nos.	Hands free audio internal unit (Classe 100)
1	3442 52	<p>Classe 100A12B 2 wire hands free internal unit for wall mounted or table top installation (with specific support to be purchased separately) Keys available : entrance panel/scrolling activation, door lock release, staircase lights control and hands free connection LEDs used for : call exclusion, door status, connection with the entrance panel Independent adjustment for : bell volume (with call exclusion) and loudspeaker volume 16 different ringtones available For wall mounted installation, the bracket (supplied) must be used The device must be configured</p>
1	3442 62	<p>Audio handsets (Classe 100) LEDs used for : call exclusion, door status, connection with the entrance panel Bell volume adjustment (with call exclusion) using the appropriate selector 16 different ringtones available For wall mounted installation, the bracket supplied must be used The device must be configured</p> <p>Classe 100A12C 2 wire internal unit with handset for wall mounted or table top installation (with specific support to be purchased separately) Keys available : entrance panel/scrolling activation, door lock release and staircase lights control</p>
1	3442 72	<p>Classe 100A12M 2 wire internal unit with handset for wall mounted or table top installation (with specific support to be purchased separately) Keys available : auto-switching on / cycling, door lock release, staircase lights control and 4 configurable keys Depending on the configurators connected to (M), the 4 configurable keys will perform different functions (e.g. Intercom, additional door lock activation, generic activations)</p>
1	3442 42	<p>Audio handset (Sprint) Sprint With door lock push button Call volume can be set to 3 levels</p>



3463 10



3445 72

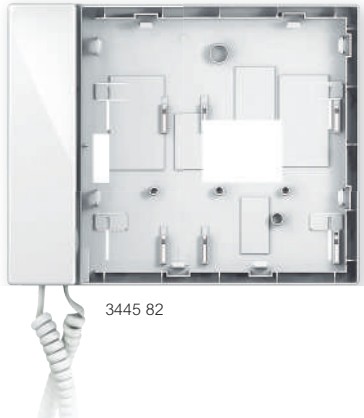


3445 62



3445 52

Pack	Cat. Nos.	Switchboard and accessories
1	3463 10	Switchboard For 2 wire audio and video systems Access to various services directly from the keyboard or using the intuitive menu icons : <ul style="list-style-type: none"> • video door entry system functions • door lock and/or stair light management • monitoring of apartment alarms Switchboard is supplied with : <ul style="list-style-type: none"> • built-in table top support • 7" colour LCD display receiver • handsfree, dedicated keys for the main functions • configurable keys Programming can be performed directly from the device, or using a PC with the software (supplied as standard)
1	3369 82	White 8-way socket, for table top installation of switchboard Cat. No. 3463 10 (above)
1	3368 13	Cable (AMP-RJ) for table top installation of switchboard Cat. No. 3463 10 (above)



3445 82

Dimensions and technical information p. 37

Entrance panels p. 12-15

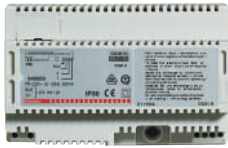


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Pack	Cat. Nos.	Accessories for Classe 100
1	3445 72	Flush mounted installation accessory For flush mounted installation of Classe 100V12E (Cat. No. 3445 22) and Classe 100X12B (Cat. No. 3446 02) video internal units Box and flush mounted bracket are supplied with the accessory
1	3445 62	Flush mounted installation tilting accessory For flush mounted tilted installation of Classe 100V12E (Cat. No. 3445 22) and Classe 100X12B (Cat. No. 3446 02) video internal units This mode of installation enables the user to tilt the video internal unit, adapting it to different viewing angles of the display (e.g. installing the devices at reduced heights for use by disabled people) Box and flush mounted floating bracket are supplied with the accessory
1	3445 92	Wall mounted installation tilting accessory For wall mounted tilted installation of Classe 100V12E (Cat. No. 3445 22) video internal unit This mode of installation enables the user to tilt the video internal unit, adapting it to different viewing angles of the display (e.g. installing the devices at reduced heights for use by disabled people) Wall mounted floating bracket is supplied with the accessory
1	3445 52	Accessories for table support and cable For table top installation of all Classe 100 internal units and video internal units
1	3368 03	8-way cable with connector for table top installation
1	3445 82	Handset accessory For wall mounted or table top installation with handset at the side (support to be purchased separately) for Classe 100V12E (Cat. No. 3445 22), and Classe 100X12B (Cat. No. 3446 02) video internal units With this type of installation, the device can be used to communicate in both ways : using the handset or in hands free mode Accessory includes the basic support for the housing and the wall mounting of the video internal unit and the integrated audio handset No. 2 supports 344552 are required for table top installation (to be purchased separately)

Bticino system components



3460 00



3468 30



3468 50



3469 02



0261 45



3468 41



3468 70



3494 10



3469 03



0492 02

Pack	Cat. Nos.	Power supply units
1	3460 00	For audio or video installations – 8 DIN rail modules 1200 mA
1	3460 20	Compact unit for audio or video installations – 2 DIN rail modules 600 mA Suitable only to feed additional handsets or entrance panels
1	3460 30	Compact unit with video adaptor – 2 DIN rail modules 600 mA
Relays		
Digital auxiliary/trades timer relay		
1	3462 10	2 DIN rail modules For trades function use time switches (see p. 24) and SLA configurator 0492 18
Digital remote secure door lock relay		
1	3462 30	2 DIN rail modules
Digital relay – NC/NO contact		
1	3462 50	Can be added in entrance panel back box
Digital timer relay		
1	3462 60	With electro-magnetic locks management, temporised door opening and lock states signalling – 4 DIN rail modules
Video accessories		
Video adaptor		
1	3468 30	Use with power supply Cat. No. 3460 00 in video installations
Audio/video node		
1	F441	For mixing audio/video sources, max. 4 sources – 6 DIN rail modules Note : to be used as an alternative to video adaptor Cat. No. 3468 30
Video floor distribution block		
1	3468 41	4 outputs
Remote camera interface		
1	3474 00	Input module for external camera
Video amplifier		
1	3468 70	For systems installed with non-twisted cables (100 m max.)
1	F442	Video TV interface
Interface with other systems		
8 wire/2 wire interface		
1	3461 50	6 DIN rail modules
1	3494 10	Analogue/2 wire interface
1	3468 90	IP/2 wire interface 10 DIN rail modules

Pack	Cat. Nos.	Expansion interfaces
Apartment interface		
1	3468 50	Connects an independent video door entry system and Arteor home system application in the apartment with the apartment block riser 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
Bell accessories		
1	3369 10	Additional bell
1	3468 33	Floor call input device for door bell
Other accessories		
Connection cable		
1	3469 02	For connection of push buttons within entrance panel
Connector		
1	3469 03	For entrance panels with more than 26 push buttons
Bus cable		
1	3469 10	2 conductor cable (200 m coil)
Configurators		
1	0492 00	No. 0 (pack of 10)
1	0492 01	No. 1 (pack of 10)
1	0492 02	No. 2 (pack of 10)
1	0492 03	No. 3 (pack of 10)
1	0492 04	No. 4 (pack of 10)
1	0492 05	No. 5 (pack of 10)
1	0492 06	No. 6 (pack of 10)
1	0492 07	No. 7 (pack of 10)
1	0492 08	No. 8 (pack of 10)
1	0492 09	No. 9 (pack of 10)
1	0492 18	SLA (pack of 10)
1	0492 10	GEN (pack of 10)
1	3060 64	Configurator kit – 10 internal units
1	3060 65	Configurator kit – 20 internal units
1	0261 45	Configurator site kit consists of : – 10 pcs for 0 to 9 – 2 blue extractable connectors with 8 terminals – 2 green extractable connectors with 2 terminals – 1 tweezers – 1 plastic screwdriver



0497 54



0499 83



5740 39



5740 43

Dimensions and technical information **p. 37**

Pack	Cat. Nos.	MaxiRex
		<p>Conform to EN 60730-1 and EN 60730-2-7 Supply voltage : 230 V~ ±10% 3 position changeover switch With manual override Voltage free contacts Mounting options : - can be surface mounted - can be panel mounted using Cat. No. 0498 32 - can be clipped to DIN rail using Cat. No. 0044 09</p> <p>With 72 x 72 mm display to DIN EN 60715 Part C</p> <p>24 hour programme Programmable for 30 minutes minimum at 10 minute intervals Accuracy : ±5 minutes per day</p> <p> MaxiRex T Without working reserve – 50 Hz</p> <p> MaxiRex QT With 100 hr working reserve – 50/60 Hz</p> <p>7 day programme Programmable for 3 hours minimum at 1 hour intervals Accuracy : ±30 minutes per day</p>
1	0497 50	
1	0497 54	

Pack	Cat. Nos.	Fixing accessories
5	0498 32	Clip-on support frame for panel mounting
5	0044 09	DIN rail adaptor

Pack	Cat. Nos.	EconoRex MT
		<p>Conforms to EN 60730-1 and EN 60730-2-7 Supply voltage : 230 V~ 50 Hz Mounting options : - can be surface mounted using Cat. No. 0495 94 - can be panel mounted</p> <p> EconoRex MT BTAP without working reserve 20 A output Shortest switching step : 20 minutes Switching accuracy : ± 5 minutes</p>
1	0499 83	

Pack	Cat. Nos.	Fixing accessory
1	0495 94	Support frame for surface mounting

Pack	Cat. Nos.	IP interface
1	5740 39	For extended systems with IP backbone and 2 wire support - 10 DIN rail modules
1	5740 43	Virtual switchboard software For managing entryphone and video entryphone 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 Offers home video control with cyclical CCTV vision, day and night functions and the ability to display the alarms present in the various apartments - Operating systems supported : Microsoft Windows XP Service Pack 2 and Windows Vista - Software required : NET Framework 2.0 or later

IP - the future of door entry

Combining the latest IP technology with Bticino's 2 wire range creates systems with outstanding capabilities...

- Up to 10,000 apartments
- Up to 1,000 entrance panels

For other time switches refer to the industrial and power protection catalogue visit www.legrand.co.uk



Bticino 2 wire door entry systems composition table

colour video - Sfera modular entrance panels (Star Wiring)



No. of calls	Box + chassis (Flush mounting)			Support frames and surround plates			Function modules and accessories			Modular front covers					Power supply + video adapter		Video floor distribution block	Video handsets				
	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 00	3468 30		3468 41	Classe 100 V12B	Classe 100 V12E	Classe 300 V13E	Classe 300 V13EM
1 ²	1	-	-	1	-	-	1	-	-	-	1	-	-	-	1	1	1	Any combination up to 1, 2, 3, 4, 5, etc				
2 ²	-	1	-	-	1	-	1	1	-	1	-	1	-	-	1	1	1	Any combination up to 1, 2, 3, 4, 5, etc				
3 ²	-	1	-	-	1	-	1	1	-	1	-	1	-	-	1	1	1	Any combination up to 1, 2, 3, 4, 5, etc				
4 ²	-	1	-	-	1	-	1	1	-	1	-	-	1	-	1	1	1	Any combination up to 1, 2, 3, 4, 5, etc				
5 ²	-	1	-	-	1	-	1	1	-	-	1	-	1	-	1	1	1	Any combination up to 1, 2, 3, 4, 5, etc				
6 ²	-	-	1	-	-	1	1	2	-	1	-	1	1	-	1	1	2	Any combination up to 1, 2, 3, 4, 5, etc				
7 ²	-	-	1	-	-	1	1	2	-	1	-	1	1	-	1	1	2	Any combination up to 1, 2, 3, 4, 5, etc				
8 ²	-	-	1	-	-	1	1	2	-	1	-	-	2	-	1	1	2	Any combination up to 1, 2, 3, 4, 5, etc				
9 ²	-	-	1	-	-	1	1	2	-	-	1	-	2	-	1	1	2	Any combination up to 1, 2, 3, 4, 5, etc				
10 ²	-	2	-	-	2	-	1	3	1	1	-	1	2	-	1	1	3	Any combination up to 1, 2, 3, 4, 5, etc				
11 ³	-	2	-	-	2	-	1	3	1	1	-	1	2	-	1	1	3	Any combination up to 1, 2, 3, 4, 5, etc				
12 ³	-	2	-	-	2	-	1	3	1	1	-	-	3	-	1	1	3	Any combination up to 1, 2, 3, 4, 5, etc				
13 ³	-	2	-	-	2	-	1	3	1	-	1	-	3	-	1	1	3	Any combination up to 1, 2, 3, 4, 5, etc				
14 ³	-	-	2	-	-	2	1	4	1	1	-	1	3	1	1	1	4	Any combination up to 1, 2, 3, 4, 5, etc				
15 ³	-	-	2	-	-	2	1	4	1	1	-	1	3	1	1	1	4	Any combination up to 1, 2, 3, 4, 5, etc				
16 ³	-	-	2	-	-	2	1	4	1	1	-	-	4	1	1	1	4	Any combination up to 1, 2, 3, 4, 5, etc				
17 ³	-	-	2	-	-	2	1	4	1	-	1	-	4	1	1	1	4	Any combination up to 1, 2, 3, 4, 5, etc				
18 ³	-	-	2	-	-	2	1	5	1	1	-	1	4	-	1	1	5	Any combination up to 1, 2, 3, 4, 5, etc				
19 ³	-	-	2	-	-	2	1	5	1	-	-	1	4	-	1	1	5	Any combination up to 1, 2, 3, 4, 5, etc				
20 ³	-	-	2	-	-	2	1	5	1	-	-	-	5	-	1	1	5	Any combination up to 1, 2, 3, 4, 5, etc				

1 : Arteur display internal units require cover plates, see p. 20
 2 : Please add configurator Cat. No. 3060 64 to the system composition
 3 : Please add configurator Cat. No. 3060 65 to the system composition

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

Bticino 2 wire door entry systems composition table

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



No. of calls	Box + chassis (Flush mounting)			Support frames and surround plates			Function modules and accessories			Modular front covers					Power supply + video adapter		Video floor distribution block	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 00	3468 30		3468 41	Classe 100 V12B	Classe 100 V12E	Classe 300 V13E	Classe 300 V13EM
1 ²	1	-	-	1	-	-	1	-	-	-	1	-	-	-	1	1	1	Any combination up to 1, 2, 3, 4, 5, etc				
2 ²	-	1	-	-	1	-	1	1	-	1	-	1	-	-	1	1	1	Any combination up to 1, 2, 3, 4, 5, etc				
3 ²	-	1	-	-	1	-	1	1	-	1	-	1	-	-	1	1	1	Any combination up to 1, 2, 3, 4, 5, etc				
4 ²	-	1	-	-	1	-	1	1	-	1	-	1	-	-	1	1	1	Any combination up to 1, 2, 3, 4, 5, etc				
5 ²	-	1	-	-	1	-	1	1	-	-	1	-	1	-	1	1	1	Any combination up to 1, 2, 3, 4, 5, etc				
6 ²	-	-	1	-	-	1	1	2	-	1	-	1	1	-	1	1	2	Any combination up to 1, 2, 3, 4, 5, etc				
7 ²	-	-	1	-	-	1	1	2	-	1	-	1	1	-	1	1	2	Any combination up to 1, 2, 3, 4, 5, etc				
8 ²	-	-	1	-	-	1	1	2	-	1	-	-	2	-	1	1	2	Any combination up to 1, 2, 3, 4, 5, etc				
9 ²	-	-	1	-	-	1	1	2	-	-	1	-	2	-	1	1	2	Any combination up to 1, 2, 3, 4, 5, etc				
10 ²	-	2	-	-	2	-	1	3	1	1	-	1	2	-	1	1	3	Any combination up to 1, 2, 3, 4, 5, etc				
11 ³	-	2	-	-	2	-	1	3	1	1	-	1	2	-	1	1	3	Any combination up to 1, 2, 3, 4, 5, etc				
12 ³	-	2	-	-	2	-	1	3	1	1	-	-	3	-	1	1	3	Any combination up to 1, 2, 3, 4, 5, etc				
13 ³	-	2	-	-	2	-	1	3	1	-	1	-	3	-	1	1	3	Any combination up to 1, 2, 3, 4, 5, etc				
14 ³	-	-	2	-	-	2	1	4	1	1	-	1	3	1	1	1	4	Any combination up to 1, 2, 3, 4, 5, etc				
15 ³	-	-	2	-	-	2	1	4	1	1	-	1	3	1	1	1	4	Any combination up to 1, 2, 3, 4, 5, etc				
16 ³	-	-	2	-	-	2	1	4	1	1	-	-	4	1	1	1	4	Any combination up to 1, 2, 3, 4, 5, etc				
17 ³	-	-	2	-	-	2	1	4	1	-	1	-	4	1	1	1	4	Any combination up to 1, 2, 3, 4, 5, etc				
18 ³	-	-	2	-	-	2	1	5	1	1	-	1	4	-	1	1	5	Any combination up to 1, 2, 3, 4, 5, etc				
19 ³	-	-	2	-	-	2	1	5	1	-	-	1	4	-	1	1	5	Any combination up to 1, 2, 3, 4, 5, etc				
20 ³	-	-	2	-	-	2	1	5	1	-	-	-	5	-	1	1	5	Any combination up to 1, 2, 3, 4, 5, etc				

1 : Arteor display internal units require cover plates, see p. 20
 2 : Please add configurator Cat. No. 3060 64 to the system composition
 3 : Please add configurator Cat. No. 3060 65 to the system composition

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

Bticino 2 wire door entry systems composition table

audio - Sfera modular entrance panels



No. of calls	Box + chassis (Flush mounting)			Surround plates ¹			Speaker module and power supply		Push button module		Modular front covers						Audio handsets			
	3500 10	3500 20	3500 30	3502 11	3502 21	3502 31	3512 00	3460 00	3520 00	3540 00	3511 01	3511 11	3511 21	3520 31	3520 41	3523 01	Classe 100 A12B	Classe 100 A12C	Classe 100 A12M	Sprint
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	1	2	-	1	-	-	1	1	-	Any combination up to 1, 2, 3, 4, 5, etc			
8 ¹	-	-	1	-	-	1	1	1	2	-	1	-	-	-	2	-	Any combination up to 1, 2, 3, 4, 5, etc			
9 ¹	-	-	1	-	-	1	1	1	2	-	-	1	-	-	2	-	Any combination up to 1, 2, 3, 4, 5, etc			
10 ¹	-	-	1	-	-	1	1	1	2	-	-	-	1	-	2	-	Any combination up to 1, 2, 3, 4, 5, etc			
11 ²	-	2	-	-	2	-	1	1	3	1	1	-	-	1	2	-	Any combination up to 1, 2, 3, 4, 5, etc			
12 ²	-	2	-	-	2	-	1	1	3	1	1	-	-	-	3	-	Any combination up to 1, 2, 3, 4, 5, etc			
13 ²	-	2	-	-	2	-	1	1	3	1	-	1	-	-	3	-	Any combination up to 1, 2, 3, 4, 5, etc			
14 ²	-	2	-	-	2	-	1	1	3	1	-	-	1	-	3	-	Any combination up to 1, 2, 3, 4, 5, etc			
15 ²	-	-	2	-	-	2	1	1	4	1	1	-	-	1	3	1	Any combination up to 1, 2, 3, 4, 5, etc			
16 ²	-	-	2	-	-	2	1	1	4	1	1	-	-	-	4	1	Any combination up to 1, 2, 3, 4, 5, etc			
17 ²	-	-	2	-	-	2	1	1	4	1	-	1	-	-	4	1	Any combination up to 1, 2, 3, 4, 5, etc			
18 ²	-	-	2	-	-	2	1	1	4	1	-	-	1	-	4	1	Any combination up to 1, 2, 3, 4, 5, etc			
19 ²	-	-	2	-	-	2	1	1	5	1	1	-	-	1	4	-	Any combination up to 1, 2, 3, 4, 5, etc			
20 ²	-	-	2	-	-	2	1	1	5	1	1	-	-	-	5	-	Any combination up to 1, 2, 3, 4, 5, etc			

1 : Please add configurator Cat. No. 3060 64 to the system composition

2 : Please add configurator Cat. No. 3060 65 to the system composition

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

Bticino door entry kits

NEW

with memory, wide angle camera and door lock release key card



Bticino door entry kits

NEW

with wide angle camera



3657 11



3656 11



Pack	Cat. Nos.	Classe 300V13M - Linea 2000 metal hands free colour kit with door lock release key cards
		Video internal units have video door entry answering machine with call audio/video memory and Inductive Loop function (to enable use by people wearing hearing aids fitted with T selector). They have capacity keys for the control of the main video door entry functions : door lock release, hands free connection, entrance panel/scrolling activation and Favorite key (can be configured to activate the quick actions most frequently used - eg : staircase lights control, Intercom, additional activations) Access to adjustments and functions using the touch display with graphic interface Wall mounted installation of the devices Table top installation of the video internal units with specific support (Cat. No. 3446 32) to be purchased separately Push button panel has a protection index against mechanical impact IK10 and protection index IP54
1	3657 11	One way hands free kit Consisting of : Classe 300V13M light finish video internal unit with 7" colour Touch Screen LCD display, Linea 2000 metal push button panel with wide angle colour camera and proximity reader and a kit of coloured key cards and two door lock release chips
1	3657 21	Two way hands free kit Consisting of : Classe 300V13M light finish video internal units with 7" colour Touch Screen LCD display, Linea 2000 metal push button panel with wide angle colour camera and proximity reader and two kits of coloured key cards and door lock release chips

Pack	Cat. Nos.	Classe 300V13E - Linea 2000 metal hands free colour kit
		Video internal units have 7" colour Touch Screen LCD display and Inductive Loop function (to enable use by people wearing hearing aids fitted with T selector). They have capacity keys for the control of the main video door entry functions : door lock release, hands free connection, entrance panel/scrolling activation and Favorite key (can be configured to activate the quick actions most frequently used - eg : staircase lights control, Intercom, additional activations) Access to adjustments and functions using the touch display and graphic interface Wall mounted installation of the devices Table top installation of the video internal units with specific support (Cat. No. 3446 32) to be purchased separately Push button panel has a protection index against mechanical impact IK10 and protection index IP54
1	3656 11	One way hands free kit Consisting of : Classe 300V13E light finish video internal unit with 7" colour Touch Screen LCD display, Linea 2000 metal push button panel with wide angle colour camera
1	3656 21	Two way hands free kit Consisting of : Classe 300V13E light finish video internal units with 7" colour Touch Screen LCD display, Linea 2000 metal push button panel with wide angle colour camera

COMPOSITION	3657 11	3657 21
3430 21 Linea 2000 metal push button panel with wide angle camera and proximity reader - 1 call	1	-
3430 22 Linea 2000 metal push button panel with wide angle camera and proximity reader - 2 calls	-	1
3446 22 Classe 300V13M video internal unit	1	2
3460 00 Power supply	1	1
3468 30 Video adaptor	1	1
3462 50 Relay accessory for door lock	1	1
---- Kit of coloured key cards + 2 door lock release chips	1	2

COMPOSITION	3656 11	3656 21
3430 41 Linea 2000 metal push button panel with wide angle camera - 1 call	1	-
3430 42 Linea 2000 metal push button panel with wide angle camera - 2 calls	-	1
3446 12 Classe 300V13E video internal unit	1	2
3460 00 Power supply	1	1
3468 30 Video adaptor	1	1
3462 50 Relay accessory for door lock	1	1

Bticino door entry kits

NEW

with wide angle camera



Bticino door entry kits

NEW

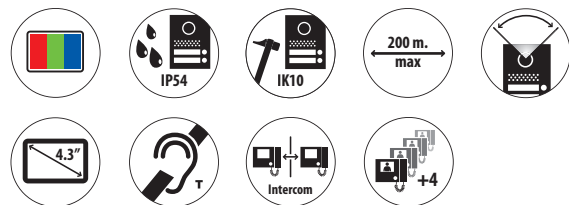
with camera



3667 11



3655 11



Pack	Cat. Nos.	Classe 100V12E - Linea 2000 metal hands free colour kit
		Video internal units have an Inductive Loop function (to enable use by people wearing hearing aids fitted with T selector), and 4 keys for : door lock release, hands free connection, staircase lights control, and entrance panel/scrolling activation. They also have 4 keys (1-2-3-4) that can be programmed through configuration for the management of additional functions Wall mounted installation of the devices Video internal units are preset for different types of installations, based on the mechanical accessories used (to be purchased separately) Push button panel has a protection index against mechanical impact IK10 and protection index IP54
1	3667 11	One way hands free kit Consisting of : Classe 300V12E video internal unit with 4.3" colour Touch Screen LCD display and Linea 2000 metal push button panel with wide angle colour camera
1	3667 21	Two way hands free kit Consisting of : Classe 300V12E video internal units with 4.3" colour Touch Screen LCD display and Linea 2000 metal push button panel with wide angle colour camera

Pack	Cat. Nos.	Classe 100V12B - Linea 2000 hands free colour kit
		Video internal units have 4 keys for : door lock release, hands free connection, staircase lights control and entrance panel/scrolling activation Wall mounted installation of the devices Possibility of table top installation of the video internal units with specific accessory supports (to be purchased separately) Push button panel has a protection index against mechanical impact IK07 and protection index IP54
1	3655 11	One way hands free kit Consisting of : Classe 100V12B video internal unit with 3.5" colour Touch Screen LCD display and Linea 2000 push button panel with colour camera
1	3655 21	Two way hands free kit Consisting of : Classe 300V12B video internal units with 3.5" colour Touch Screen LCD display and Linea 2000 push button panel with colour camera

COMPOSITION	3667 11	3667 21
3430 41 Linea 2000 metal push button panel with wide angle camera - 1 call	1	-
3430 42 Linea 2000 metal push button panel with wide angle camera - 2 calls	-	1
3445 22 Classe 100V12E video internal unit	1	2
3460 00 Power supply	1	1
3468 30 Video adaptor	1	1
3462 50 Relay accessory for door lock	1	1

COMPOSITION	3655 11	3655 21
3430 31 Linea 2000 push button panel with colour camera - 1 call	1	-
3430 42 Linea 2000 push button panel with colour camera - 2 calls	-	1
3445 02 Classe 100V12B video internal unit	1	2
3460 00 Power supply	1	1
3468 30 Video adaptor	1	1
3462 50 Relay accessory for door lock	1	1



3668 11



8216 30



8216 31



8210 87

Pack	Cat. Nos.	Sprint L2 - Linea 2000 audio
1	3668 11	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 switchboard) Devices suitable for wall mounted installation One way audio kit Consisting of : audio handset Sprint L2 and Linea 2000 push button panel
1	3668 21	Two way audio kit Consisting of : audio handset Sprint L2 and Linea 2000 push button panel

Pack	Cat. Nos.	Code lock keypad kit (IP 67)
1	8216 30	Vandal resistant with blue back lit keys 2 relays Users : up to 100 Finish : polished cast aluminium Voltage : 12-48 V DC, 12-24 V AC Current : 80 mA Dimensions : 110 x 75 x 15 mm Code lock keypad GALEO
1	8216 31 ¹	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 Standalone reader (Promi500)
1	8210 86 ¹	Modular proximity kit (Sfera) Kit comprises : - door controller - Sfera modular panel mounting reader - power supply unit - 10 proximity key fobs Reader uses LED and audible indication, exit button input and timed relay output Standalone 2 door controller kit for up to 500 users with 2 programmable relay outlets and 2 exit button inputs
1	8210 87	Additional equipment Proximity key fobs Grey proximity key fobs (pack of 10) Additional mushroom head reader (IP 67) Small profile reader suitable for external use 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 mounted in vandal resistant panels Cat. Nos. 3337 14/15 and 3339 14/15 (p. 18) 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 Mushroom head reader

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

Bticino access control (continued)



8216 32



8216 35



0380 23

Pack	Cat. Nos.	Locks and accessories
		Surface magnetic locks High quality, surface mount, electromagnetic lock with innovative blue visual end cap Holding force of 300 kg Finish : aluminium Voltage : 12-24 V DC Current : 630 mA/315 mA Dimensions : 253 x 46 x 27 mm Operating temperture : -20 to +50° C
1	8216 32	Surface magnetic lock 300 kg (FAS 300)
1	8210 79	Surface magnetic lock kit - 300 kg (including PSU, Z and L brackets and NC relay)
		Flush magnetic lock Mortice mount electromagnetic lock with a holding force of 300 kg Ideal for locking sliding doors and windows Finish : aluminium Voltage : 12-24 V DC Current : 630 mA at 12 V DC 313 mA at 24 V DC Dimensions : 229 x 38 x 27 mm Operating temperture : -20 to +50° C
1	8216 33	Flush magnetic lock 300 kg (FES 300)
		Latch hammer locks
1	8206 48	Mortice latch hammer 12 V DC
1	8206 50	Rim latch hammer 12 V DC
		Z and L bracket For use with Cat. Nos. 8216 32/33 For universal mounting
1	8216 34	Z and L kit for 300 series (P 300)
		Power supply unit For magnetic locks DC power supply for powering up to 2.0 A at 12 V DC and 2.0 A at 24 V DC These units have charging circuits for standby batteries, and are supplied in metal cases with LED indication
1	8216 35	12 V DC, 2.0 A standard (PSU 122)

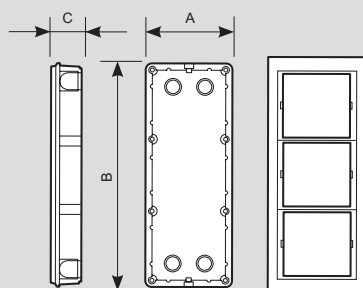
Pack	Cat. Nos.	Break glass unit for emergency exit
		IP 40 - IK07 Green Surface mounting Dimensions : 90 x 90 x 57 mm Call by pressing the membrane (pressure 2.5 kg) with clear display of the call position Reset on front of device, with special key (supplied) Space reserved to stick a function using identification label Equipped with NO/NC contact 5 A-24 V $\overline{=}$ / 1 A-48 V $\overline{=}$
1	0380 23	Break glass unit for emergency exit

Bticino modular entrance panels

Sfera and Sfera ROBUR

Entrance panels – Sfera

Flush mounting boxes



Flush mounting boxes – Sfera

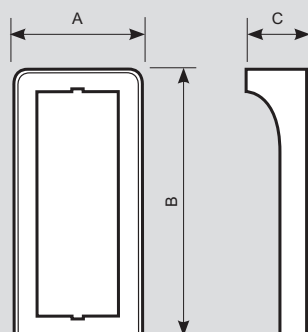
Dimensions (mm)			
Cat. Nos.	A	B	C
3500 10	117	123	45
3500 20	117	214	45
3500 30	117	306	45

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

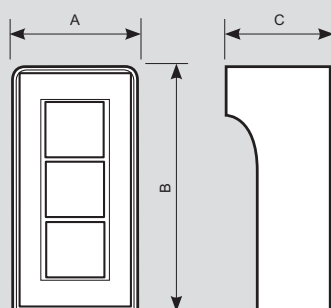
Rainshields – optional



Rainshields – Sfera

Dimensions (mm)			
Cat. Nos.	A	B	C
3305 11/12/13	151	151	50
3305 21/22/23	151	242	50
3305 31/32/33	151	334	50
3305 41/42/43	290	242	50
3306 61/62/63	290	334	50
3305 91/92/93	430	334	50

Surface mounting boxes with in-built rainshields

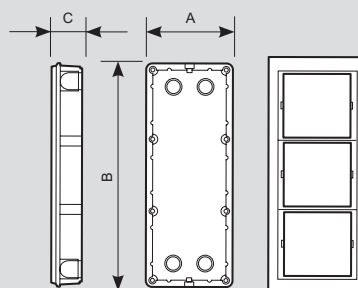


Sfera

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

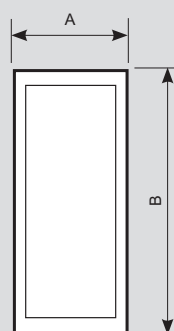


Steel flush mounting boxes – Sfera ROBUR

Dimensions (mm)			
Cat. Nos.	A	B	C
3500 10	102	114	51
3500 20	102	206	51
3500 30	102	297	51

With tearing protection

Surround plates



Surround plates – Sfera ROBUR

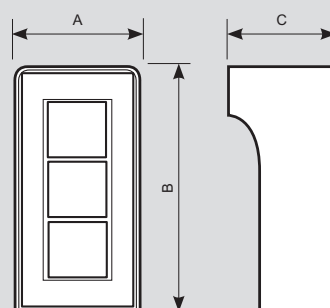
Dimensions (mm)			
Cat. Nos.	A	B	Depth
3504 15	139	144	21
3504 25	139	235	21
3504 35	139	327	21

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



Sfera – ROBUR

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

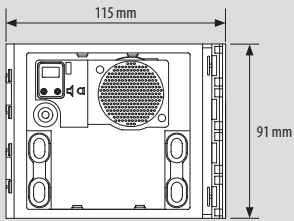
Bticino digital function modules

for Sfera modular entrance panels

■ Dimensions and technical data

Basic speaker module

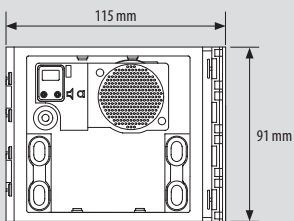
Cat. No. 3510 00



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

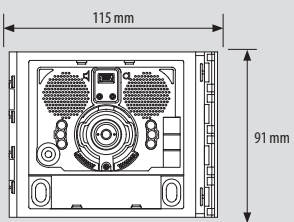
Cat. No. 3511 00



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. 35112 00

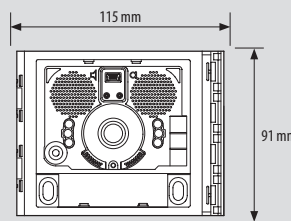


Technical data	
Power supply from SCS BUS	18-27 Vdc
Standby absorption (with backlighting LEDs off)	15 mA
Standby absorption (with backlighting LEDs on)	20 mA
Max. operating absorption	140 mA
Colour sensor	1/3"
Lens	f2-5 f3-3 mm
Resolution	330 TV lines
Illumination of the veiwing field	White LED
Brightness 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

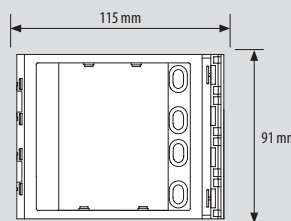
Cat. No. 3513 00



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 veiwing 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

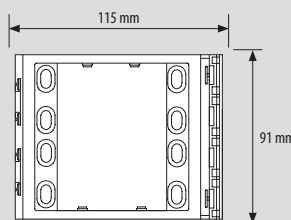
Cat. No. 3520 00



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

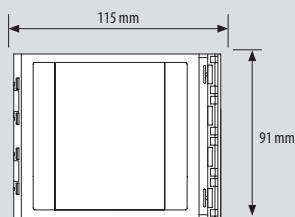
Bticino digital function modules

for Sfera modular entrance panels (continued)

■ Dimensions and technical data

Nameplate module

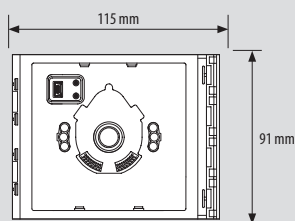
Cat. No. 3522 00



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

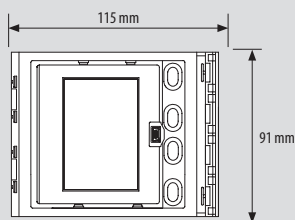
Cat. No. 3524 00



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

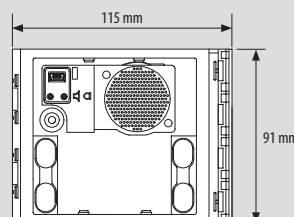


Technical data	
Power supply from SCS BUS	18-27 Vdc
Standby absorption	40 mA
Max. operating absorption	50 mA
Display type	Negative transfective
FSTN	
Display resolution	160 x 240
Operating temperature	(-25)-(+70)°C
Protection Index (push button panel assembled)	IP 54

■ Dimensions and technical data (continued)

Inductive loop and control speech synthesis module

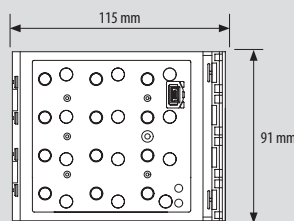
Cat. No. 3527 00



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

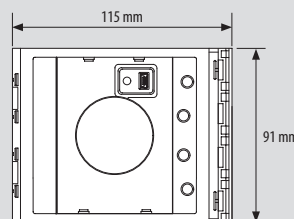
Cat. No. 3530 00



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

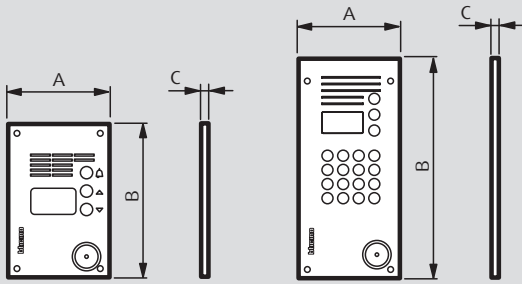


Technical data	
Power supply from SCS BUS	18-27 Vdc
Standby absorption (with backlighting LEDs off)	75 mA
Standby absorption (with backlighting LEDs on)	85 mA
Max. operating absorption	105 mA
Operating temperature	(-25)-(+70)°C
Protection Index (push button panel assembled)	IP 54

Bticino entrance panels

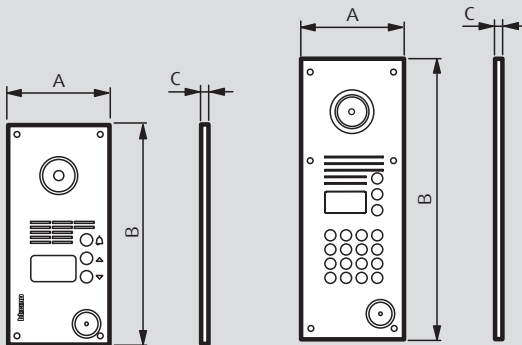
monobloc, scrolling display and push button

■ Vandal resistant monobloc – scrolling display (audio)



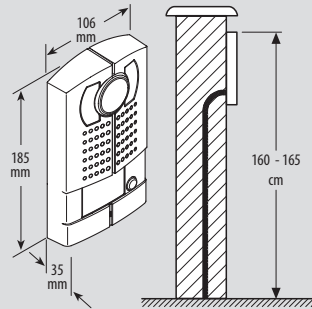
Dimensions (mm)			
Cat. Nos.	A	B	C
3337 14	150	198	4
3337 15	150	283	4

■ Vandal resistant monobloc – scrolling display (video)



Dimensions (mm)			
Cat. Nos.	A	B	C
3339 14	150	284	4
3339 15	150	401.5	4

■ Vandal resistant – push button (LINEA 2000 metal)



Colour video

Cat. Nos. 3429 91/92

Technical data	
Power supply from SCS BUS:	18-27 Vdc
Standby absorption:	20 mA
Max. operating absorption:	240 mA
Operating temperature:	(-25)-(+70)°C
PI against mechanical impact	IK 07

Black and white video

Cat. Nos. 3429 81/82

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

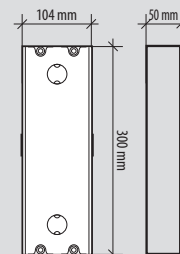
Audio

Cat. Nos. 3429 71/72

Technical data	
Power supply from SCS BUS:	18-27 Vdc
Standby absorption :	30 mA
Max. operating absorption:	65 mA
Operating temperature:	(-25)-(+70)°C
PI against mechanical impact	IK 07

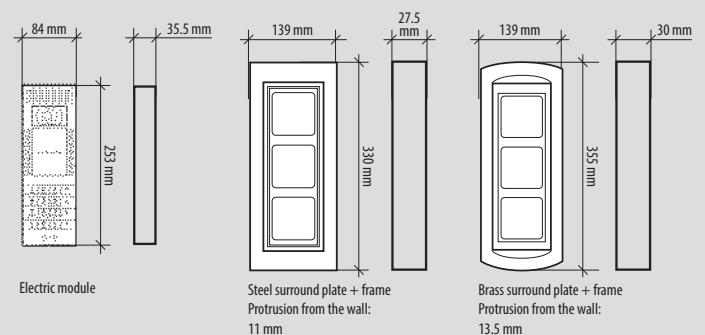
■ With motorised camera and push buttons

Cat. No. 349140



Flush mounted box

Technical data	
Power supply from SCS BUS:	18-27 Vdc
Standby absorption:	220 mA
Max. operating absorption:	420 mA
Operating temperature:	(-25)-(+70)°C
Connections:	2-wire SCS BUS Ethernet 10/100 Mbit/sec
Protection Index	IP 54
PI against mechanical impact	IK 07



Electric module

Steel surround plate + frame
Protrusion from the wall:
11 mm

Brass surround plate + frame
Protrusion from the wall:
13.5 mm

Bticino internal units and handsets

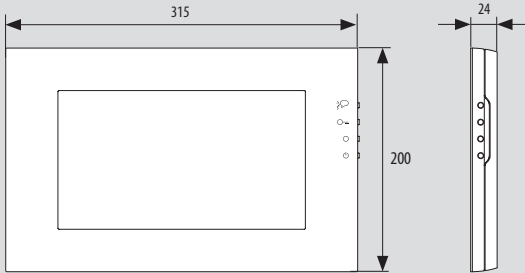
multimedia and video

■ Dimensions and technical data

10" multimedia touch screens (Arteor)

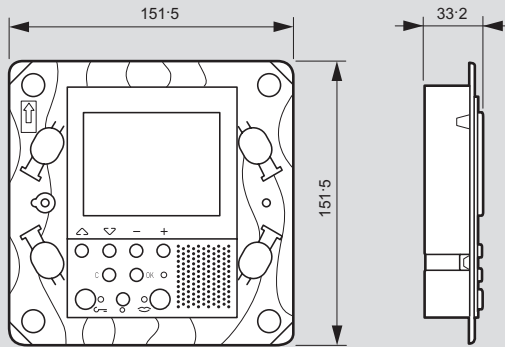
Cat. Nos. 0672 67/68

Technical data	
Power supply from SCS BUS	18-27 Vdc
Local power supply (1-2)	22-27 Vdc
Max. local absorption (1-2)	370 mA
Absorption from SCS BUS	50 mA
Operating temperature	5-45°C



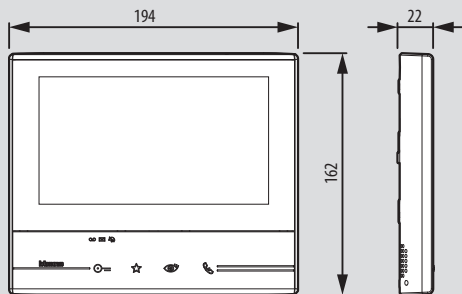
2.5" multifunctional display screens

Cat. Nos. 5739 50/51



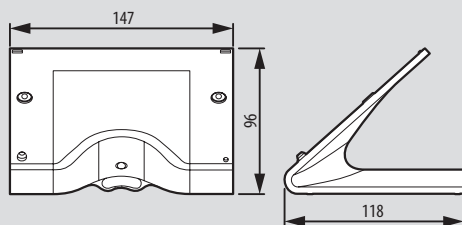
Hands free video internal units (Classe 300)

Cat. Nos. 3446 12/13/22



Accessory for Cat. No. 3446 12/13/22

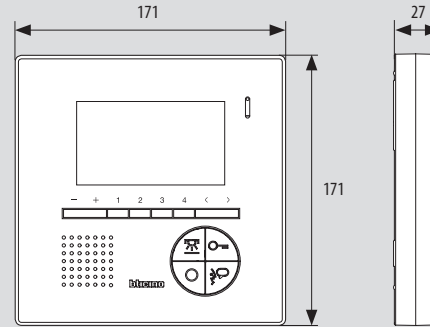
Cat. No. 3446 32



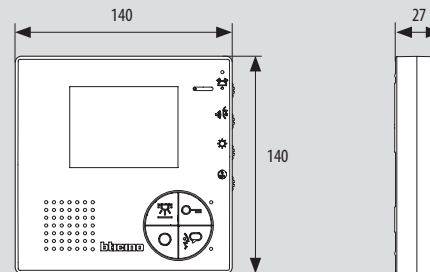
■ Dimensions and technical data

Hands free video internal units (Classe 100)

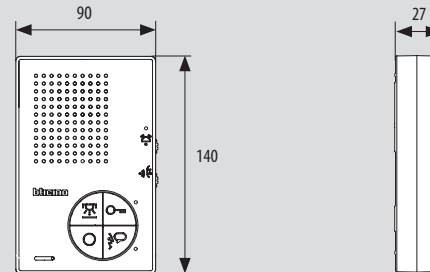
Cat. No. 3445 22



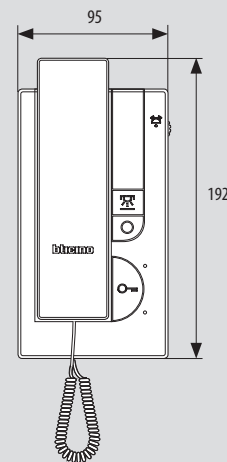
Cat. No. 3445 02



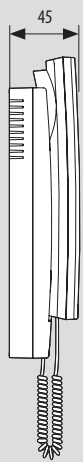
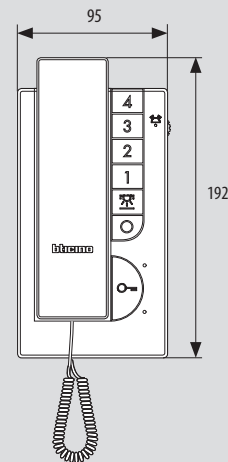
Cat. No. 3442 52



Cat. No. 3442 62



Cat. No. 3442 72



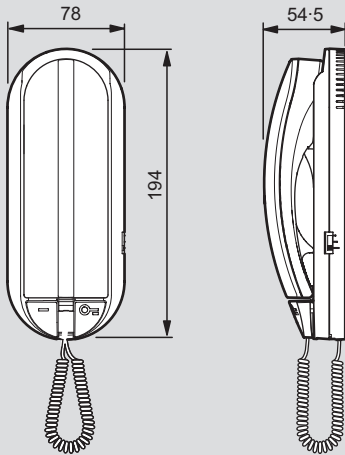
Bticino audio handset and installation accessories (Classe 100)

MaxiRex and EconoRex analogue time switches surface and panel mounting



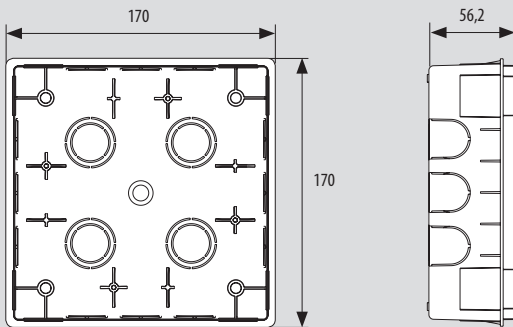
Audio handset (Sprint)

Cat. No. 3442 42

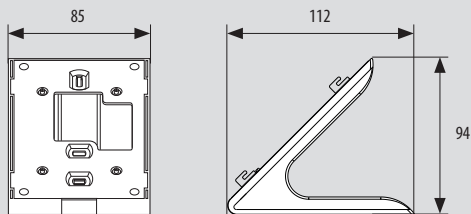


Installation accessories (Classe 100)

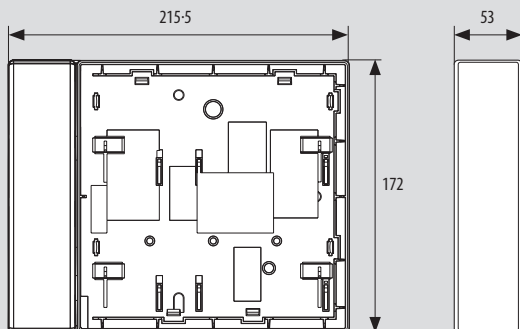
Cat. No. 3445 72



Cat. No. 3445 52



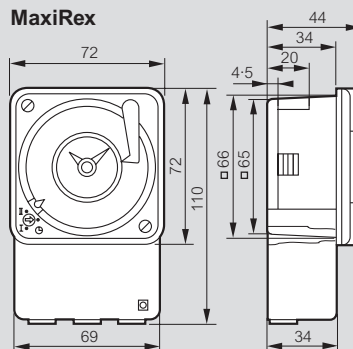
Cat. No. 3445 82



Technical information

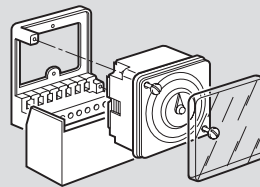
Type Cat. No.	MaxiRex T 0497 50	MaxiRex QT 0497 54	EconoRex MT 0499 83
Supply voltage	230 V \sim +10% -15%		
Frequency	50 Hz	50/60 Hz	50 Hz
Switching capacity : cos ϕ = 1 cos ϕ = 0.6 incand. lamp	16 A 10 A 1 000 W		16 A 8 A 1 000 W
Contact	1 c/o SPDT	1 c/o SPDT	1 c/o
Working reserve	None	100 hrs	None
Min. switching time	30 mins		15 mins
Interval	10 mins		15 mins
IP rating	IP 30		
Storage temp.	-10 °C to +60 °C		
Operating temp.	0 °C to +55 °C		

Dimensions (mm)

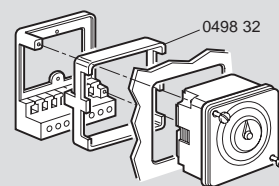


MaxiRex mounting

Wall mounting

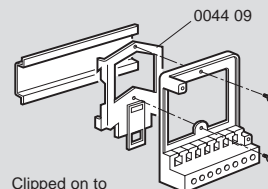


Panel mounting



Panel mounting with support
Cat. No. 0498 32
to be ordered separately

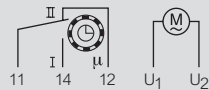
DIN rail mounting



Clipped on to
DIN rail EN 60715
Adaptor to be ordered
separately (Cat. No. 0044 09)

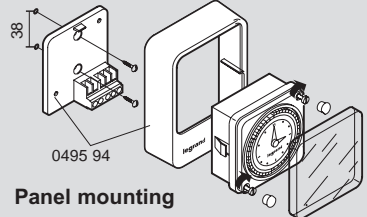
Wiring diagrams

MaxiRex and EconoRex

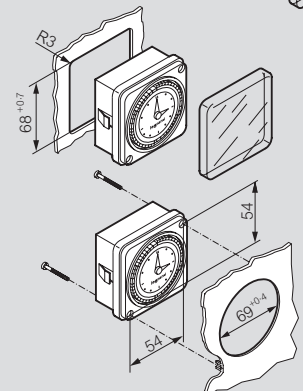


EconoRex mounting

Wall mounting



Panel mounting



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