



Vimar Group: positive energy for highly developed systems.

Products, systems and solutions for controlling electricity, security and communication: Vimar Group offers all this and much more besides, ensuring continual improvement for every lifestyle. And all under the banner of a Made in Italy brand combining design and technology to deliver top reliability and universal well-being.

A range of residential series offering a wide variety of combinations in terms of design, materials and types of controls; plugs and socket outlets; Home Automation and Building Automation systems; numerous solutions for smart and secure management of video door entry, CCTV and automated access devices.

This is what the Vimar Group offers. An offering that reflects a long history built on tradition, expertise, commitment and passion for a chosen line of work.



Vimar Group. The five points of excellence.

MADE IN ITALY

The heart of the company - where we devise, design and produce products - is still located in the north-east of Italy, because we believe in the Made in Italy in all its forms. Our products are inspired by a truly unique combination of high quality aesthetics and reliable technology. From materials and design to electronic processing, we distinguish ourselves through a renowned style that speaks our language throughout the world.



HIGH QUALITY

We believe that the quality of our products is the best calling card and this is why we test our products one by one. We are proud of our ownership of the most important quality certifications to UNI EN ISO 9001:2008; our environmental management system is certified to the UNI EN ISO 14001:2004 standard, without forgetting health and safety of the work environment certified to BS OHSAS 18001:2007.



RESEARCH AND DEVELOPMENT

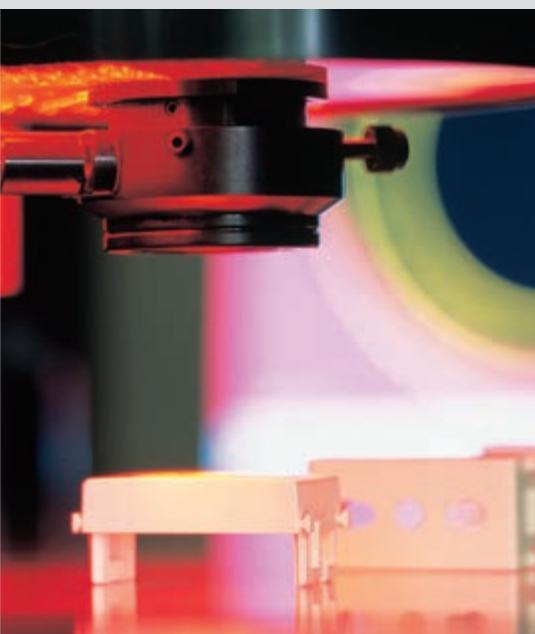
We invest 6% of our annual turnover in Research and Development, to ensure we always offer the very best in terms of technology and design. Over the years we have registered over 150 patents around the world that testify to the equal attention we devote to major innovation and the smaller details that guarantee the safety of simple everyday actions.

ENVIRONMENT

The correct waste material separation ensures the product designed at the outset of being totally dismantled and recycled at the end of its life. Thanks to the water based and UV-cross linked painting we reduce atmospheric emissions of VOCs (Volatile Organic Compounds) lower than the limits set out by the strictest European standards and galvanic bath treatment is replaced with the innovative and greener MSD (Magnetron Sputtering Deposition) treatment. The packaging is made of recycled materials and printed with water-based inks with no harmful substances and with ecological glues.

WE IMPLEMENT IDEAS

We have given shape and life to ideas in order to ensure continual improvement in every lifestyle. Today, for the all-round management of electrical systems, we have a complete range of products: wiring devices, home & building automation systems, video door entry and CCTV and gate automation systems, plugs, socket outlets and accessories. Over 9,000 items in the catalogue that combine aesthetic quality, technological reliability and ease of installation to bring them home to all our customers.



The universe of Vimar Group solutions.

For large or small residential, commercial buildings or hospitality facilities, clinics or yachts, we have developed solutions that dialogue with each other, while maintaining their own specificity: technologically

Wiring devices



Eikon



Arké



Plana

AESTHETIC AND FUNCTIONAL SOLUTIONS

Home automation



HOME AUTOMATION SYSTEM

advanced functions and systems, which are explained in dedicated catalogues, complement each other with perfect aesthetic coordination to manage any building in the best way possible.

AUTOMATION SYSTEMS

Building automation


by-com
building automation



**Video door
entry**

EDVX



**Gate
automation**



CCTV


SOLUTIONS FOR ACCESS AND VIDEO CONTROL

Solutions for conventional systems

A useful summary table to guide you through the solutions for conventional systems. A wide range of functions for any installation requirement, spelled out in a series of preferential applications. Whatever your need Vimar Group always offers the best solution.

SOUND SYSTEM

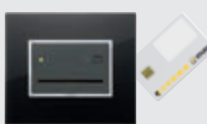
6



A complete sound system, compatible with MP3 players, iPod and iPhone too, it can be installed in conventional systems.

ACCESS CONTROL


7



Transponder and smart card readers to control entry and restrict access to certain rooms.

CONTROLS


1



For any aesthetic and functional need: touch, axial, rocker, infrared, and radio-frequency.

TEMPERATURE AND ENERGY MANAGEMENT

2



Solutions for thermoregulation and energy management: thermostats and time-thermostats to manage remotely the temperature of the house and view consumption for energy savings.

PLUGS AND SOCKETS


8



A complete system of plugs, socket outlets multiple sockets for simple and professional purposes, adaptors, extension cords and cable reels.

VIDEO DOOR ENTRY

9



Solutions for video door entry system with a wide range of indoor units, entrance panels and controls for landing calls, to suit any building and simplify communication.

Preferential applications.

	1. CONTROLS	2. TEMPERATURE AND ENERGY MANAGEMENT	3. LIGHTING	4. EMERGENCY LIGHTING	5. POWER AND SIGNAL SOCKET OUTLETS	
SMALL RESIDENTIAL BUILDINGS (Small and medium-sized residential units, semi-detached houses and apartments) 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
LARGE RESIDENTIAL BUILDINGS (Large residential units, detached houses and lofts) 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
COMMERCIAL BUILDINGS (Small and medium-sized commercial units, shops and offices) 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
HOTEL BUILDINGS (Small and medium-sized hotel units, B&Bs, hotels, etc.) 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
SCHOOL BUILDINGS (Small and medium-sized school units, infant schools, elementary schools, etc.) 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
HEALTH CARE FACILITIES 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
SHIPS AND YACHTS (Small boats, ships and yachts) 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

LIGHTING

3



Control devices for every type of source (halogen, CFL, LED) and for managing flush-mounted RGB lamps.

EMERGENCY LIGHTING

4



Emergency LED lighting devices with 1 or 3 modules, can be flush mounted, necessary in a black-out or as step lights.

POWER AND SIGNAL SOCKET OUTLETS

5



Devices to provide energy, from Italian and international standard power socket outlets, with SICURY protective shutter, to the power supply unit with USB socket.

CCTV

10



Solutions for video surveillance: cameras with analog, analog PRO, HD-SDI and IP technologies, DVR, NVR video recorders and accessories.

GATE AUTOMATION

11



Specific solutions guaranteed to manage any access and control sliding gates, swing gates, garage doors, doors and windows and barriers.

STRUCTURED CABLING NETSAFE

12



Socket outlets, connectors and devices for transmitting data, videos and images inside and outside the building.

ANTIBACTERIAL DEVICES

13



Controls, socket outlets and cover plates with antibacterial treatment to ensure the utmost hygiene in public facilities.

6. SOUND SYSTEM	7. ACCESS CONTROL	8. PLUGS AND SOCKETS	9. VIDEO DOOR ENTRY	10. CCTV	11. GATE AUTOMATION	12. STRUCTURED CABLING	13. ANTIBACTERIAL DEVICES
■		■	■	■	■	■	
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■	■	■		■	■	■	
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■		■		■		■	

Automation solutions for the home and small business sectors.

The By-me home automation system offers four areas of application with a wide range of functions and can be deployed alongside other specific systems, giving added value to your project. See the summary table to check the versatility of our home automation solutions.



CONTROL



Sophisticated technology that controls all the functions of the dwelling both centrally by a single control device and room by room via local devices, over the Internet with PCs, tablets and smart-phones of the latest generation.

COMFORT



Lighting, scenarios, sound system, moving curtains or roller shutters: each room in the home is an oasis of well-being where you can find the comfortable conditions you prefer.

ENERGY EFFICIENCY



Temperature control, management of energy consumptions, water and gas are optimized with innovative technology that optimizes energy efficiency, reducing waste.

SECURITY/SAFETY



Total protection guaranteed on the outside by burglar alarm system, video surveillance, access control and video door entry systems and on the inside by sensors that detect and promptly report any gas leaks or flooding.

Preferential applications.

		BY-ME			
		CONTROL	COMFORT	ENERGY EFFICIENCY	SECURITY/SAFETY
RESIDENTIAL BUILDINGS (Small and medium-sized residential units, semi-detached houses and apartments)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMERCIAL BUILDINGS (Small and medium-sized commercial units: offices, shops, etc.)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
HOTEL BUILDINGS (Small and medium-sized hotel units: hotels, B&Bs, etc.)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PUBLIC BUILDINGS (Small and medium-sized school units: infant schools, elementary schools, churches, gymnasiums, etc.)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
HEALTH CARE FACILITIES (Small and medium-sized health care units: nursing homes, convalescent homes, etc.)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SHIPS AND YACHTS (Small boats)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

VIDEO DOOR ENTRY



Solutions for video door entry system with a wide range of indoor units, entrance panels and controls for landing calls, to suit any building and simplify communication.

CCTV



Solutions for video surveillance: cameras with analog, analog PRO, HD-SDI and IP technologies, DVR, NVR video recorders and accessories.

GATE AUTOMATION



Specific solutions guaranteed to manage any access and control sliding gates, swing gates, garage doors, doors and windows and barriers.

STRUCTURED CABLING NETSAFE



Socket outlets, connectors and devices for transmitting data, videos and images inside and outside the building.

	VIDEO DOOR ENTRY	CCTV	GATE AUTOMATION	NETSAFE
	■	■	■	■
	■	■	■	■
	■	■	■	■
	■	■	■	■
	■	■	■	■
		■		

Solutions for the building trade and large residential structures.

The Well-contact Plus system — developed to KNX standard to communicate with the other systems in the building — offers four areas of application with a wide range of functions and can be deployed alongside other systems to cover every practical need.

WELL-CONTACT PLUS

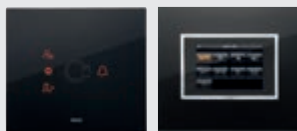


CONTROL



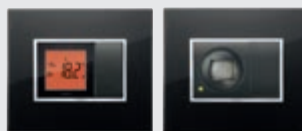
A wide range of products for controlling and supervising scenarios, lights and roller shutters in single rooms or in the entire building.

COMFORT



Solutions that guarantee well-being in all the rooms in the facility: lights, automation systems and temperature are controlled with simplicity and tailored to suit the preferences of guests.

ENERGY EFFICIENCY



The system allows intelligent management of energy use in the facility: for example, by switching on lights and activating temperature control only where and when necessary, according to the number of guests in the rooms or the required lighting levels.

SECURITY/SAFETY



The security and safety of rooms is important: access control also covers situations where entry is subject to payment of admission charges.

Preferential applications.

		WELL-CONTACT PLUS			
		CONTROL	COMFORT	ENERGY EFFICIENCY	SECURITY/SAFETY
LARGE RESIDENTIAL BUILDINGS (Large residential units, detached houses and lofts)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMMERCIAL BUILDINGS (Large commercial units: shopping malls, business centres, etc.)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
HOTEL BUILDINGS (Large hotel units: hotels, etc.)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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PUBLIC BUILDINGS (Large school units: high schools, universities, churches, gymnasiums, etc.)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
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		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
HEALTH CARE FACILITIES (Large health care units: hospitals, clinics, etc.)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SHIPS AND YACHTS (Ships and yachts)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Use the summary table to find your type of project and you will see that the Vimar offering is truly comprehensive, covering large residential and commercial buildings, and hospitality or healthcare facilities of whatever size.

VIDEO DOOR ENTRY



Solutions for video door entry system with a wide range of indoor units, entrance panels and controls for landing calls, to suit any building and simplify communication.

CCTV



Solutions for video surveillance: cameras with analog, analog PRO, HD-SDI and IP technologies, DVR, NVR video recorders and accessories.

GATE AUTOMATION



Specific solutions guaranteed to manage any access and control sliding gates, swing gates, garage doors, doors and windows and barriers.

STRUCTURED CABLING NETSAFE



Socket outlets, connectors and devices for transmitting data, videos and images inside and outside the building.

EMERGENCY CALLS CALL-WAY



Emergency call devices for alerting healthcare staff and monitoring patients, controls, socket outlets and cover plates all finished with antibacterial treatment.

	VIDEO DOOR ENTRY	CCTV	GATE AUTOMATION		NETSAFE	CALL-WAY
	■	■	■		■	
	■	■	■		■	
	■	■	■		■	
	■	■	■		■	
	■	■	■		■	■
		■				

The highest level of video door entry systems.

See, hear, speak. In a word, communicate. With tools that blend simple installation, technological efficiency and safe use. So with Elvox video door entry systems, door entry units and entrance panels. A range of solutions all marked by the constant research into new technologies, new materials, new designs. Responding to every need, even the most demanding.



2

DUEFILI PLUS



Due Fili Plus technology.

Due Fili Plus is a rapid, flexible and precise technology used to create high-performing video and audio door entry communication systems in all types of building, whether new constructions or restructuring works, in the simplest possible way. Due Fili Plus technology ensures perfect connections between all the devices through which power, audio, video and data pass.

The performance.

Elvox video door entry systems ensure performance on two different levels: technology and design. This allows us to guarantee products with a modern design and cutting-edge functions. Moreover, the kit solutions stand out for their great versatility for installation and easy use.



Technology



Performance



Range



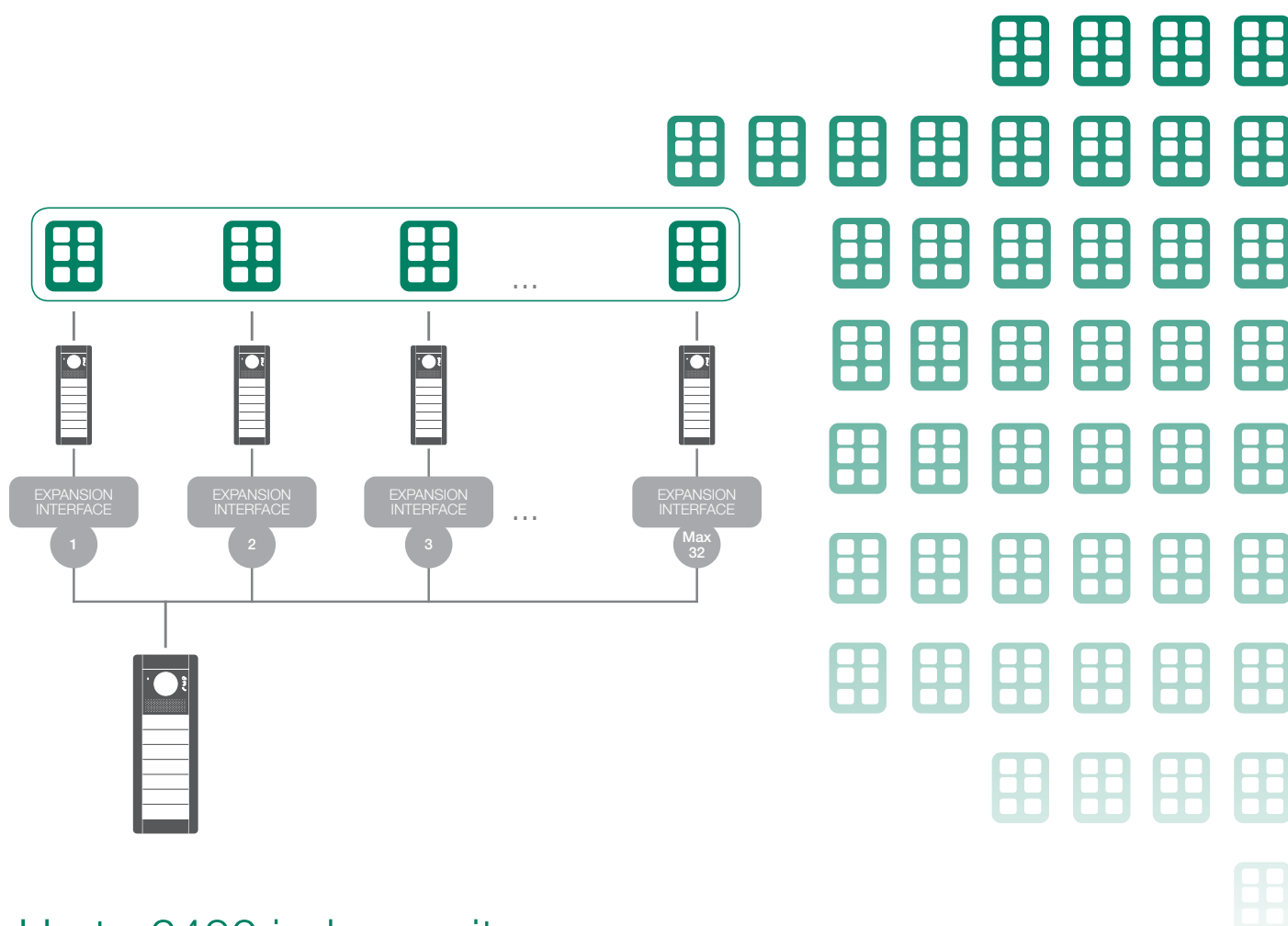
The complete range

A wide selection of video door entry units, door entry units and outdoor panels for residential and tertiary settings. All products vary in size, design, structure, type of system, functions and installations. They all share high structural quality, attention to design, easy installation and use.

2 DUEFILI PLUS

Technology multiplies spaces.

Due Fili Plus technology makes it possible to create different types of systems very easily, depending on the building, the specific requests, the field of application and the type of user, whether a single home or large residential, commercial or industrial complex.

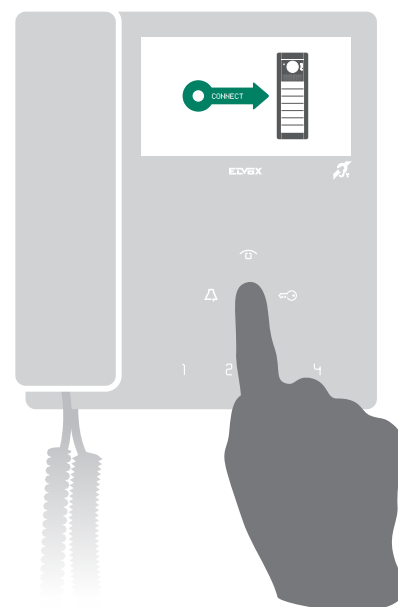


Up to 6400 indoor units

With Due Fili Plus technology, you can make installations which handle up to a maximum of 484 outdoor units and up to 6,400 indoor units. With the expansion interface, you can expand the system, replicating several Due Fili Plus systems with up to 32 blocks and 128 reception video-switchboards.



Technology



Up to 1200 metres.

With Due Fili Plus technology you can create huge systems, with a distance between indoor and outdoor panels of up to 1200 metres, without losing any quality of the audio or video signal. The signal is carried along a single twisted-pair cable of small diameter.

Immediate programming.

And Due Fili Plus technology ensures really simple programming. Directly from the indoor panel, the installer can programme the device with the outdoor panel. After encoding the indoor panel, the system can also simulate an audio/video call from the outdoor panel, to immediately check that the installation has been done correctly.

Inside, pure design, quality and functionality.

From the simplest to the most complex, the whole range of video door entry units and door entry units is marked by elegant lines, quality materials and a full range of functions. From ultra-thin video door entry units with hands-free function, LCD monitor or touch screen, to intercom units with lock opening and light controls. All characterized by their appearance, duration, ergonomics and easy use.



TAB 4.3"

TAB FREE



WIDE TOUCH



6600



7200



5700



Video door entry
units



Door entry
units



TAB jr.



PETRARCA



8870



6900

TAB series.

Thinner, more compact, easier, this is the full TAB range. TAB Free, TAB video door entry units and the TAB jr. door entry units are an authentic innovation, with their 4.3" or 3.5" LCD display, capacitive keypad, ultra-thin thickness and contemporary design, able to satisfy every requirement for installation and use.



TAB FREE



Profile.

The thinnest range with just 2.6 cm thick. And thanks to the wall fixing or semi-flush mounting accessories, the thickness is reduced to 2 cm.



Colour display.

Visual performance encased in a 4.3" or 3.5" display showing outside images with perfect definition and colour.



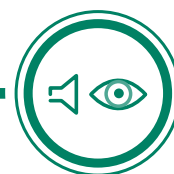
Appearance.

Available in black or white: two timeless colours, processed to obtain a special glass-effect for a look that blends in with every design interior.

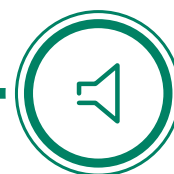


Capacitive keypad and side controls.

With buttons and controls flush with the surface. No thickness, in line with the minimal design of the whole appliance. 8 functions, 4 basic and 4 programmable for intercom calls and auxiliary services. And for TAB Free, the user-friendly volume control on the side.



Video door entry units



Door entry units



TAB



TAB jr.



Hands-free.

TAB Free means communicating in full freedom and comfort, with no constraints. No cables, no handset.



Ringtones.

10 different set tunes: simply choose your favourite and set the volume to suit your needs and application contexts.

TAB jr.

Small in both name and deed: TAB jr. is designed for those who don't need the video function. An audio-only device which maintains all the technology, quality, design and basic functions of its "big brother".

Wide Touch and 7200 series.

A range of products with technical characteristics and functions that can satisfy every need and taste.



WIDE TOUCH



Colour display.

7 inch screen. The images are visible in colour with ultra-high definition.



Touch screen.

Simple, rapid management using the touch display and back-lit LED capacitive keypad: just a few simple touches to select the functions.



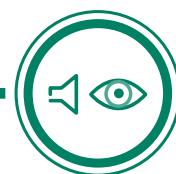
Easy programming.

Flexible menu: users can customise the various controls and intercom calls with the function names. The installer menu is used to programme the most important functions. And the system programming can be saved on a PC.



Appearance.

Available in black or white with polished finish.



Video door entry
units



7200

7"
16:9

Wide Screen colour display.

The 7" LCD 16:9 Wide Screen TFT colour display offers a truly wide vision.



Customised design.

A range of cover plates in different colours and finishes are available to customise the monitor to suit your tastes and furnishing.



Hands-free loudspeaker.

Very practical use with the hands-free function of the loudspeaker system: you don't need to hold the reply button down during the conversation.



Indicator and privacy function.

Possibility to exclude the ringtone, sure that no calls will be lost with the flashing incoming call LED warning light.

5700 and 6600 series.

Cutting-edge technology with evolved design and functions to ensure extra-easy use.



5700

3,5"

Colour display.

A clear vision guaranteed by the 3.5" LCD colour display.



Intuitive functions.

With clear controls and intuitive symbols, the chosen functions are easy to set and manage.



Hands-free loudspeaker.

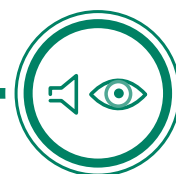
Really practical to use, with the hands-free function of the loudspeaker and excellent message transmission.



Appearance.



Available in black or white with coordinated cover plate.



Video door entry
units



6600

3,5"

Colour display.

3.5" TFT LCD colour display.



Adjustable display.

In the tilting version, the adjustable display offers perfect vision and full flexibility.



Hands-free function.

Loudspeaker and excellent audio message transmission, the loudspeaker is housed in an ideal space that ensures excellent acoustics.



Indicator and privacy function.

The ringtone can be excluded, while a flashing LED warns of any missed calls, the courtesy light on or a door open.

Door entry systems for lovers of the essential.

Door entry units with essential, clean lines, that will blend in with any living style. Simple to use, with the reliability guaranteed by Elvox.



PETRARCA



8870



Design.



Simple lines and contents, for those looking for the essential in both shape and function. Colour variants: white, titanium grey and anthracite grey.



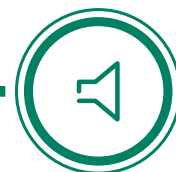
Facilitated modularity.

The Petrarca door entry system can be combined with a video unit with a special fixing bracket.

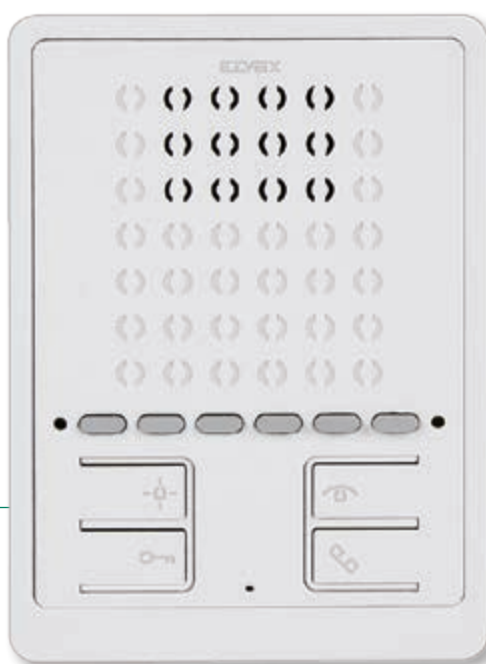


Functions.

The 8870 series comes in the standard configuration with two push buttons (one to open the lock and the other for auxiliary services).



Door entry
units



6900



Rapid settings.

With just 4 keys dedicated to the main door entry functions and 6 for setting the ringtone volume, ringtone choice, intercom calls, hands-free system and other auxiliary signals.



Hands-free loudspeaker.

Very practical use with the hands-free function of the loudspeaker system: you don't need to hold the reply button down during the conversation.



Indicator and privacy function.

Visual signals for lights on, door open, ringtone off are clearly visible

Outside, technology is style.

In our outdoor panels, we combine high technology with interior design. This is why our panels are attractive, modular, resistant to atmospheric agents, flush or wall mounted or, in the pillar-mounted variant, with ground fixing. And they are above all functional and high performing, thanks to the Due Fili Plus technology. This is our style, to bring the elegance of interiors also outdoors.



PIXEL



8000



1300



Modular
panels



Single block
entrance panels



Flat
panels



1200 AND
1200 REINFORCED



PATAVIUM



INOX FLAT

Pixel series.

The new modular panel with a slim, modern design. Elegant in four colour variants and versatile with a wide range of modular components. Pixel can be composed as you wish, responding perfectly to actual installation needs.



Cover plates in 4 different finishes: grey, slate grey, white and anodised grey



Functional design and ultra-thin thickness.

Small sizes that enhance forms, the panel can be installed on metal pillars, being just 100 mm wide and standing out from the wall by just 14 mm: Pixel is the ideal solution for confined spaces.



Up to 4 push buttons in a single module.

The audio or audio/video module, the heart of the panel, comes with 4 push buttons in two rows for installation in small residential contexts.



An evolved technological heart.

The innovative technological heart expressed to the full in the audio and audio/video module, 3.5" LCD colour display module and other expansion modules, all with evolved functions.

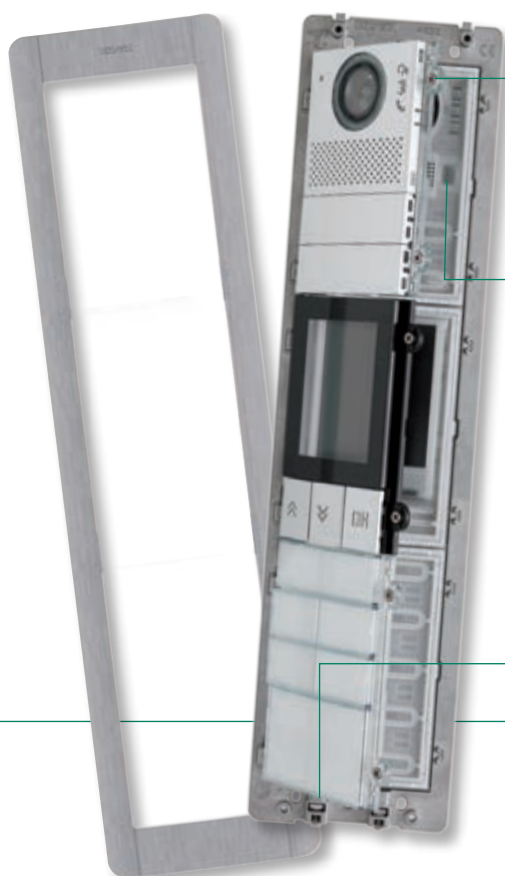


Flexible, modular development, from 1 to 84 push buttons.

Pixel can organise different combinations according to need, starting from 1, 2 and 3 modules vertically and up to 3 rows horizontally, for a composition of 9 modules and reaching up to a maximum of 84 push buttons in two rows.



Modular panels



Stainless steel captive screws.



Mini-USB for quick configuration.



Perfectly flush with the wall with stainless steel screws.



One material, four different finishes.

In aluminium with different finishes: grey, slate grey, white and anodised grey.



Impaired hearing function and voice synthesis for the non-sighted.

The first function allows hearing aid wearers fitted with T type magnetic interface prostheses to listen to conversations in the acoustic device; the second offers the non-sighted the chance to listen to a voice message which the specifically programmed panel reproduces for each command.



Protection rating IP54 and IK08.

Aluminium entrance panel with high protection rating against atmospheric agents IP54 and impact IK08.



Installation responds to your needs.

Rapid front access to the audio/video unit and other expansion modules for ordinary maintenance without completely removing the panel from the support. Moreover the full compatibility with the flush mounting boxes of the 1200, 1300 and 8000 series makes Pixel the cutting-edge solution for restructuring works.

Pixel series.

Evolved electronics underline the functions of the different modules which, combined with each other, bring life to versatile electronic solutions that always meet your and your customers' expectations.



Audio modules. Available in standard version or a special version for disabled and elderly users.



Audio/video modules. Available with standard or with wide-angle camera.



3.5" display module.



Push button expansion module.



Alphanumeric keypad module.



Name card module.



Camera with wide angle lens too.

The audio/video module has a camera with wide angle lens and high definition recording at 525 TVL, and a wide field of view (83° vertical and 104° horizontal). It can also zoom in and run through the areas focused on.



Perfect vision, every time.

The audio/video module has camera lighting LEDs and LEDs for backlighting the expansion modules which adjust automatically according to the brightness and external environment.



Visual call indicators.

A LED on the front indicates any current calls and active communication, if the door lock is opened or if there is no communication due to the line being busy.

3,5"

Unique, unmatched 3.5" LCD display.

The 3.5" LCD display module has high definition vision and facilitates calls in large residential complexes, the menu makes it possible to adjust the brightness and colour on the display, select the font size and set a range of languages, while the contacts list can hold up to 6400 names.

8000 series.

Square shapes and simple lines characterise this highly flexible and modular product. The 8000 series comes in the colour variants light grey, sable grey, anthracite and brushed aluminium, suited to any residential context.



Modular
panels



Versatility

The 8000 series is made from 18/10 thick extruded aluminium, knock-proof technopolymer front mask with non-scratch finish, resistant to UV rays and aggressive solvents. The series includes different types of modules which, installed on the module holder frame, form the cover plate that best suits the customers' needs.

1300 and 1200 series.

Modern, technological design. The two series are marked by precious finishes, high-performing yet user-friendly technology, resistance to atmospheric agents and installation versatility.

1300 SERIES

Soft, modern design with non-scratch finish. The 1300 series is made from 1.8mm thick electro-polished anodized aluminium. Designed for flush and surface mounting, it has high-efficiency LED green backlighting that makes it visible even at night.



Versatility and modularity

The basic cover plate comprises an audio-video unit and a module with 1 push button and four blank modules which can be replaced by conventional push buttons. This allows you to create the keypad as you wish, with an infinite combination of cover plates and push buttons. The 1300 series is also available with an alphanumeric keypad.



Single block
entrance panels

1200 AND 1200 REINFORCED SERIES.

The cover plates are made in 8/10 thick AISI 316 stainless steel and come in two different finishes: stainless steel colour with embossed surfaces or gold colour with PVD treatment. A reinforced version is also available, in sable grey satin-finished paint, which is particularly resistant to atmospheric agents and idea for installation in IP44 saline environments. All the 1200 series cover plates can be installed both flush and surface mounting, with the relative accessories characterised by the IK10 protection rating against impacts.



Name, number or biometric sensor

The versatility of the 1200 series expresses itself in a wide selection of solutions. You can choose cover plates with alphanumeric keypad, conventional push buttons or even a biometric sensor, allowing entry to authorised persons.

Surface mounting or free standing, high visibility at all times

Depending on the type of building you can choose between flush or surface mounting or free standing installation with the high-performing pillar mounted version. All 1200 cover plates are backlit with high-efficiency green LEDs to facilitate calls even at night.

Patavium and Inox Flat series.

The timeless classic. Brass or stainless steel, it's up to you. Flush mounting cover plates with high technological performance marked by a style that blends in with all kinds of living contexts, from historical to modern buildings.

PATAVIUM SERIES

Made in OT59 brass (watchmakers' brass) with PVD treatment, Patavium cover plates are suited to a wide range of installation needs, offering prestigious and high-performing solutions with a sophisticated design. Available also in brushed brass, these cover plates can be installed on flush mounting boxes and have LED backlighting for push buttons and name plates.



Cover plates with special finish

Patavium panels with special finish

Alongside the standard version, cover plates with special finish are available to offer additional customisation of video door entry system outdoor panels with a range of modules, four colour variants (brushed brass, polished brass, raw brass and steel grey), six different installation methods and the possibility to reproduce logos, symbols and trade marks with top precision.



Flat
panels

INOX FLAT SERIES

The Inox Flat series has an alphanumeric keypad with high-efficiency LED backlighting, and is made from AISI 316 stainless steel suited for flush mounting.



Discreet and never invasive

Essential and minimalist, the Inox Flat series is characterised by limited protrusion from the wall, with a totally flat profile that exudes confidence and easy use.

Catalogue section

SYSTEM SOLUTION GUIDE AND TYPICAL INSTALLATIONS

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TYPICAL
INSTALLATIONS

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SELECTION
GUIDE

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VIDEO AND AUDIO
DOOR ENTRY UNITS

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ENTRANCE
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SYSTEM
COMPONENTS

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VIDEO AND
AUDIO KITS

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INSTALLATION
DIAGRAMS

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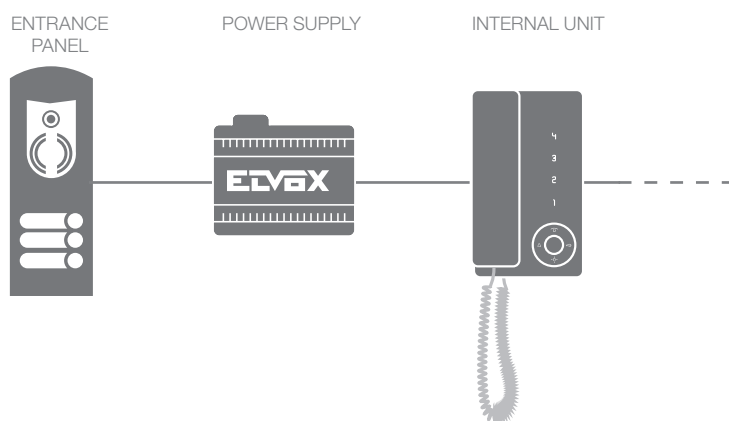
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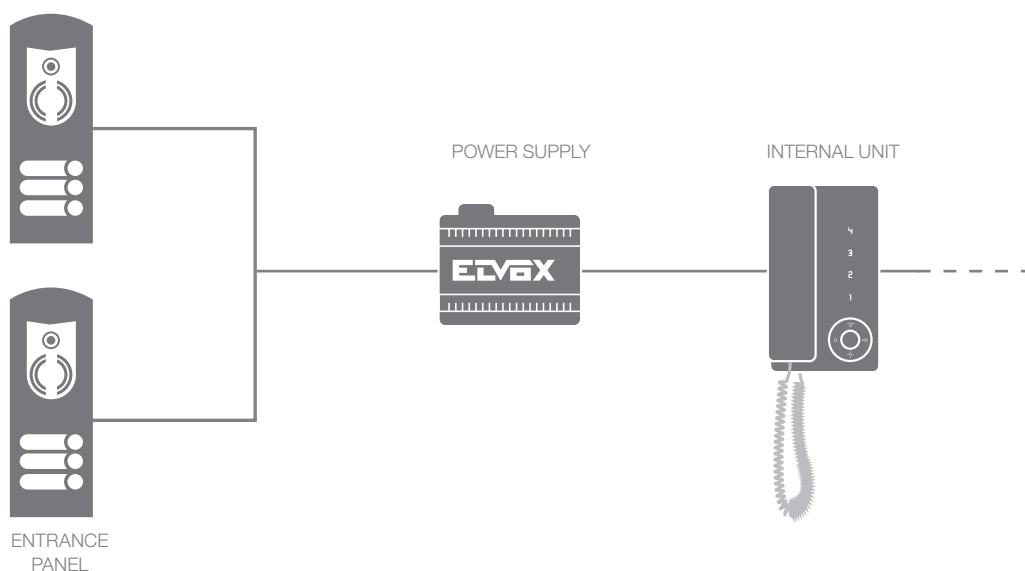
Quick guide to the right system solution

The first step when upgrading an existing system or installing a new system is to establish the type of system effectively required, so that the necessary components can be identified.

Audio systems. With single entrance panel.



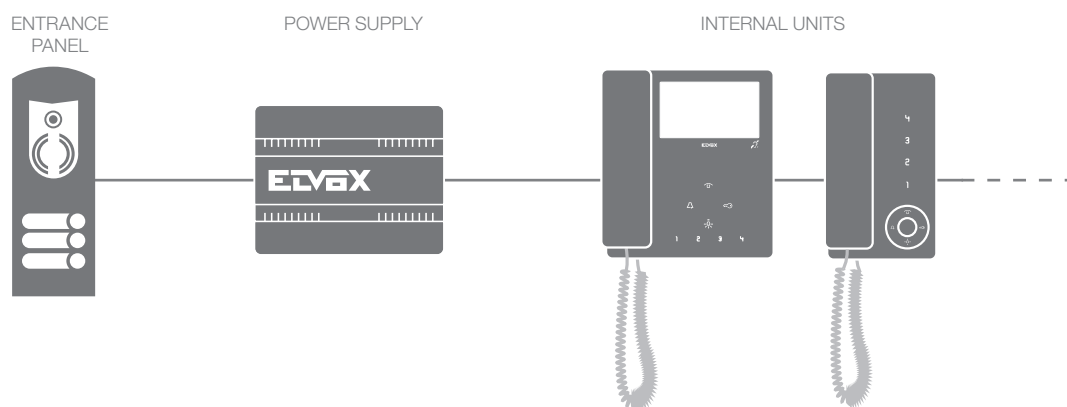
With multiple entrance panels.



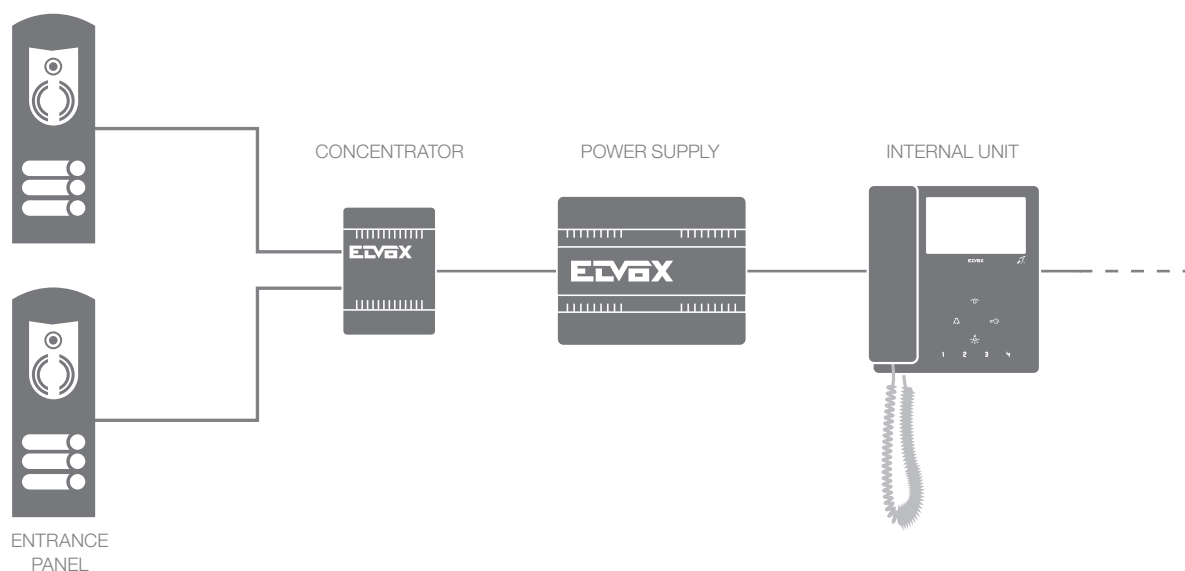
Basic system components:

- Entrance panel (electronic unit + cover plate).
- Power supply and internal unit (audio).
- The connection of the various devices making up an “audio only” system can be made at any given point of the installation, wiring the external and internal units and other components of the system to the bus.

Mixed systems (audio+video). With single entrance panel.



With multiple entrance panels.



Basic system components:

- Entrance panels (external units + mechanical media)
- Concentrator (combines multiple inputs)
- Power supply and internal units (audio + video).

In mixed systems (audio+video), for solutions with multiple audio and video entrance panels, the concentrator is required for installation of the external units.

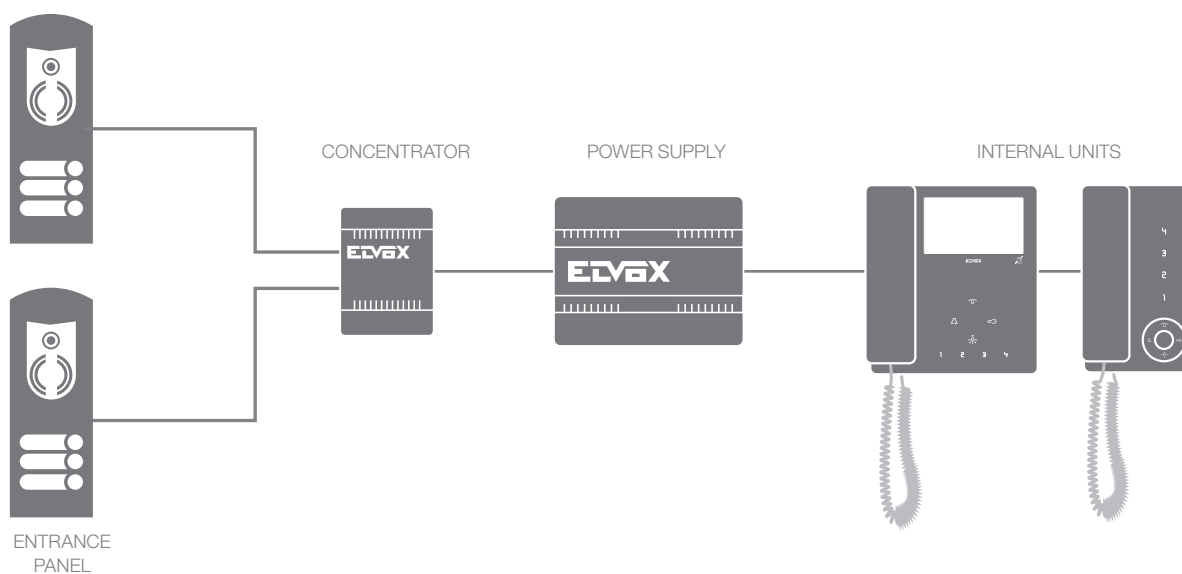
DUE FILI PLUS VIDEO DOOR ENTRY SYSTEMS



Quick guide to the right system solution

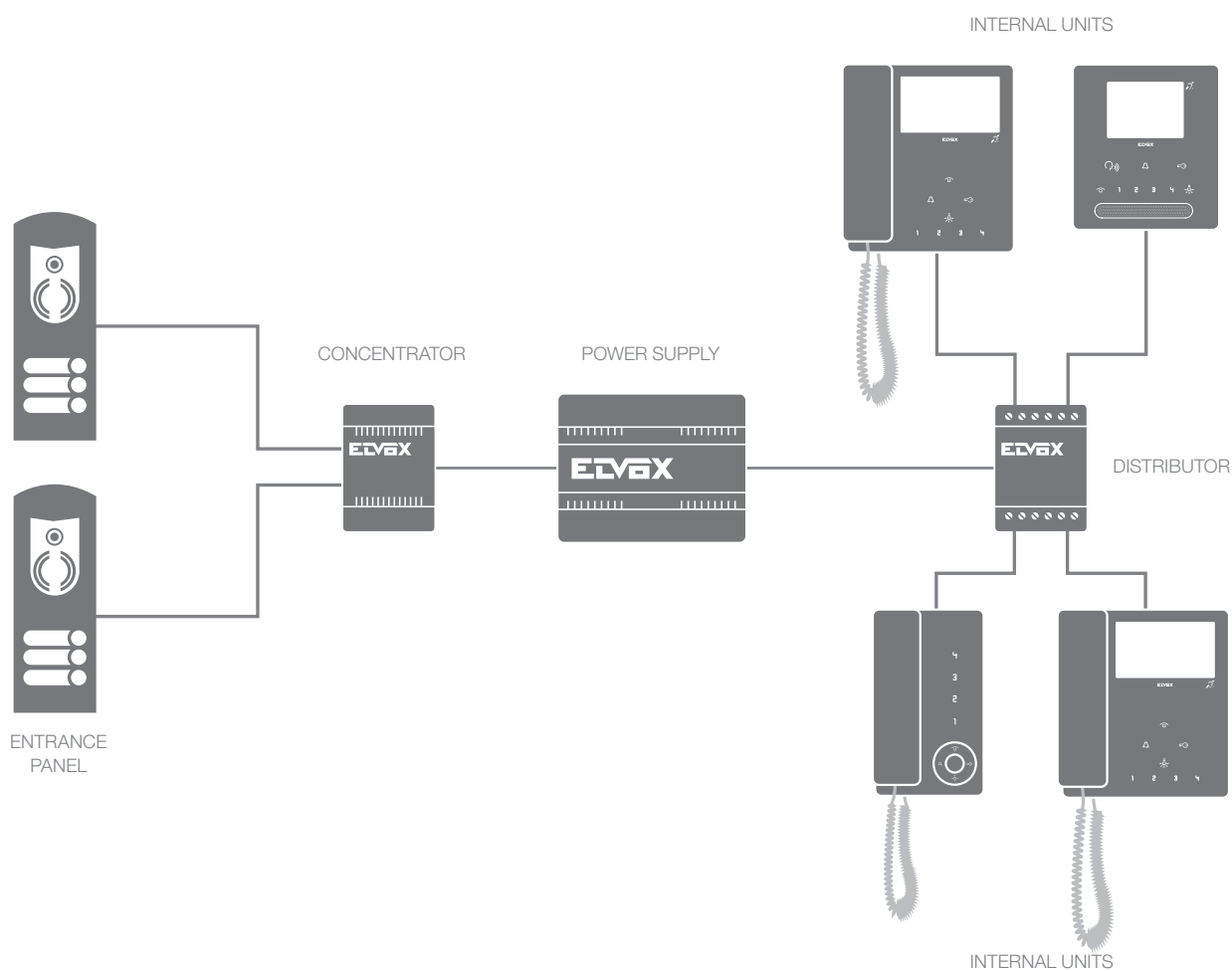
In the case of internal units, on the other hand, installations may use:

1 - linear wiring (in-out, no additional device needed).



Quick guide to the right system solution

2 - wiring with floor distributor, allowing 4 outputs to be taken off the riser.

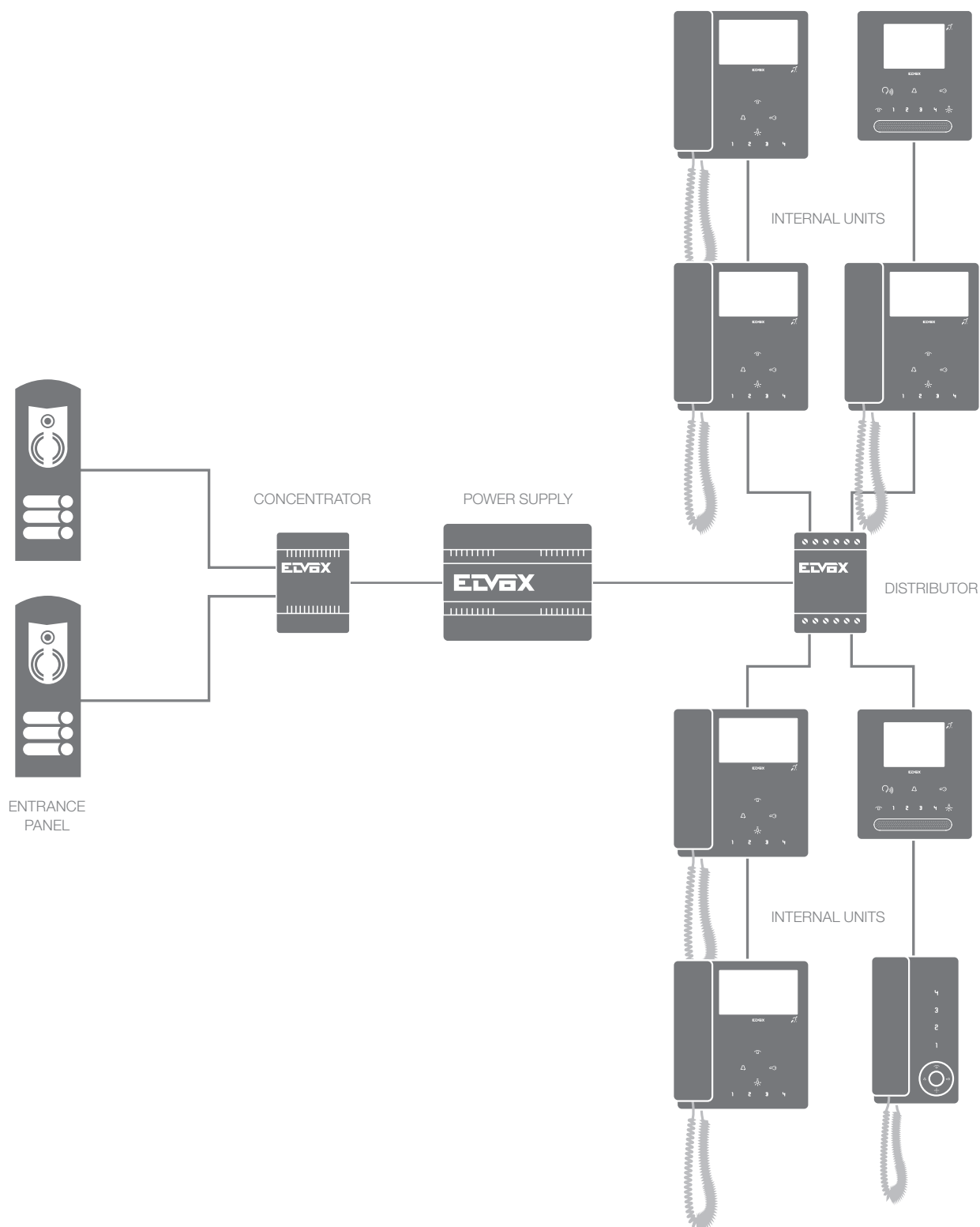


DUE FILI PLUS VIDEO DOOR ENTRY SYSTEMS



Quick guide to the right system solution

3 - mixed wiring, where each of the outputs from the floor distributor can be used to connect a single internal unit, or multiple units in the same apartment for in-out system.



Selection of cable

When creating new or updating existing systems, it is necessary to identify the size of the system and the various components required as follows:

- system components:

- maximum distance between the indoor unit and the furthest outdoor unit;
- maximum distance between the external panel and the power supply;
- maximum distance between the power supply and the furthest outdoor unit;

- type of cable and length when extended.

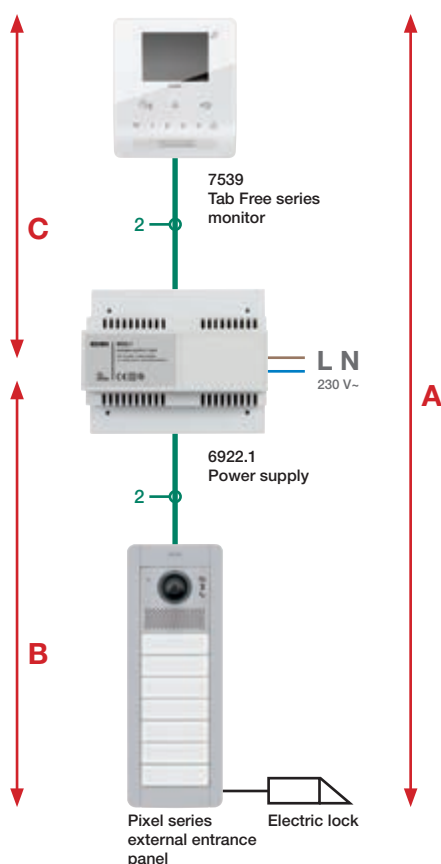
The diagrams below show various system types, each indicating the relevant thresholds to be observed.

Type of cable

TYPE OF CABLE	ARTICLE	BURIALABLE	AUDIO SYSTEMS	MIXED SYSTEMS
Elvox - Cable section 1 mm ²	732I/100, 732I/500	Yes	Recommended	Recommended
Elvox - Cable section 1 mm ²	732H/100, 732H/500	No	Recommended	Recommended
Cat.5/6		No	Yes	Yes
Telephone twisted pair 0.28 mm ²		No	Yes	Yes
Simple > 0.2 mm ² *		No	Yes	Yes

* also for burglar alarm system

Basic system



Key

- A** - Max distance between the farthest external and internal unit
B - Max distance between the entrance panel and the power supply
C - Max distance between the power supply and the farthest internal unit

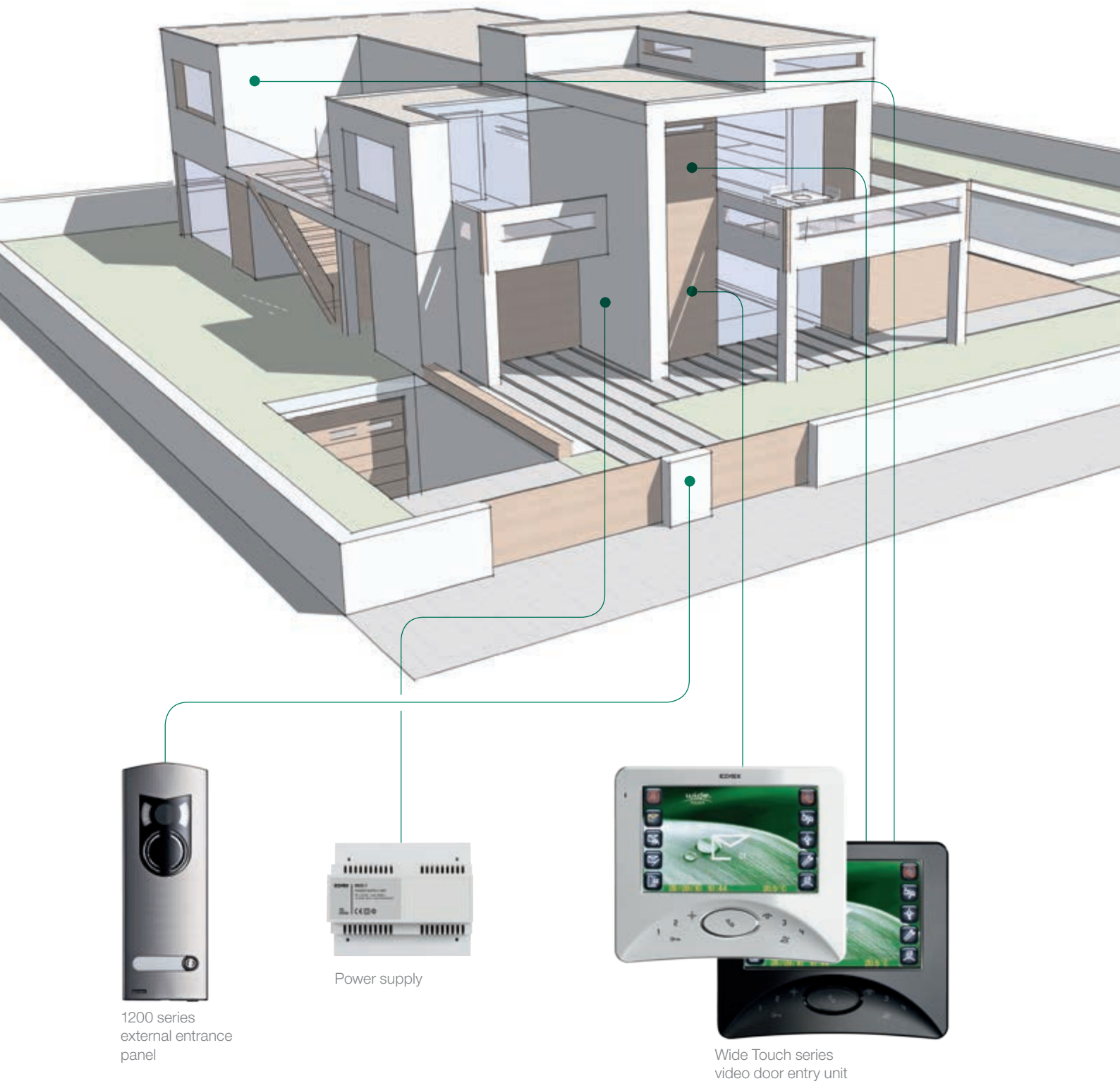
Type of cable	Max distance A	Max distance B	Max distance C	Max cable run
732I o 732H	700 m	250 m	500 m	2000 m
Cat.5 or Cat.6	570 m	200 m	400 m	2000 m
Telephone twisted pair	120 m	40 m	80 m	2000 m
Simple > 0,2 mm ²	50 m			100 m

Type of cable	Video amplifiers	Max distance A	Max distance B	Max distance C	Max cable run
732I o 732H	2	1200 m	250 m	950 m	2000 m
Cat.5 or Cat.6	2	970 m	200 m	770 m	2000 m
Telephone twisted pair	0	120 m	40 m	80 m	2000 m
Simple > 0,2 mm ²	0	50 m			100 m

Table relating to configuration with amplifiers

Examples of typical systems

Villa with video door entry system

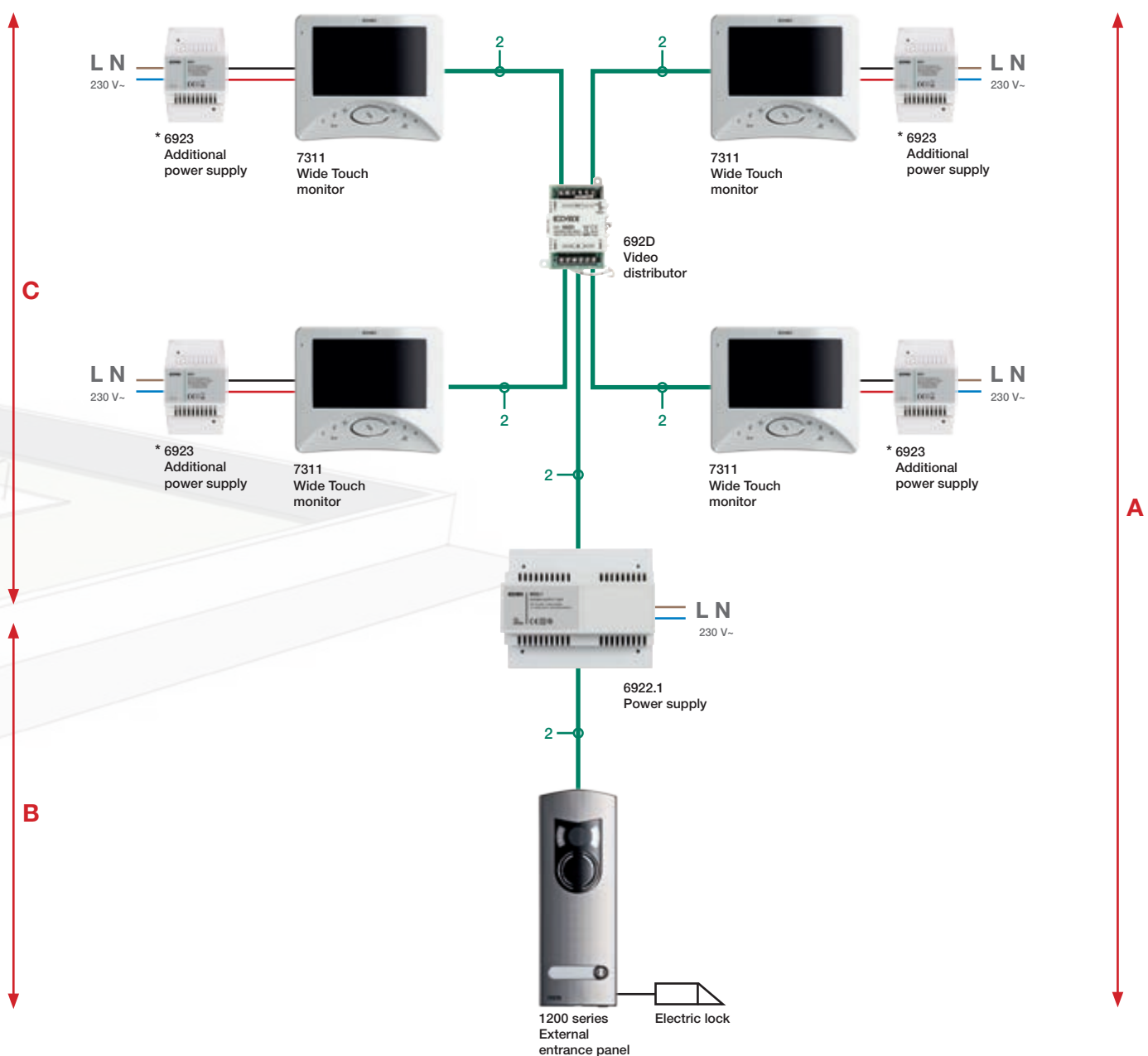


DUE FILI PLUS VIDEO DOOR ENTRY SYSTEMS



Examples of typical systems

Villa with video door entry system



* Additional power supply 6923 for use always with each Wide Touch monitor

Type of cable	Max distance A	Max distance B	Max distance C	Max cable run
732I or 732H	320 m	250 m	150 m	2000 m
Cat.5 or Cat.6	250 m	200 m	120 m	2000 m
Telephone twisted pair	100 m	40 m	60 m	2000 m
Simple > 0,2 mm ²	50 m			100 m

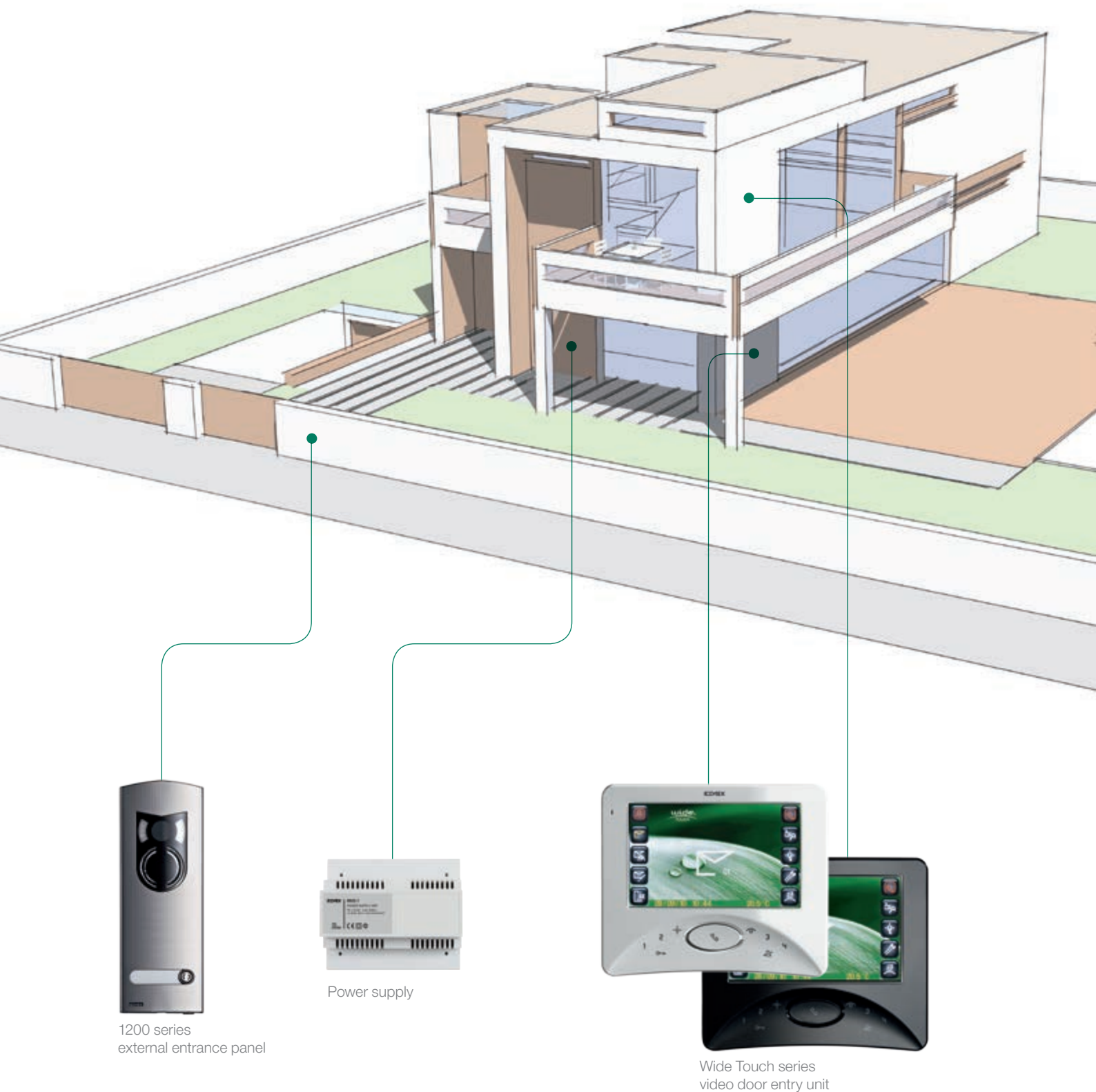
Table related to diagram configured with 1 external unit, 4 individually activated internal units, power supply and video distributor.

Key

- A** - Max distance between the farthest external and internal unit
- B** - Max distance between the entrance panel and the power supply
- C** - Max distance between the power supply and the farthest internal unit

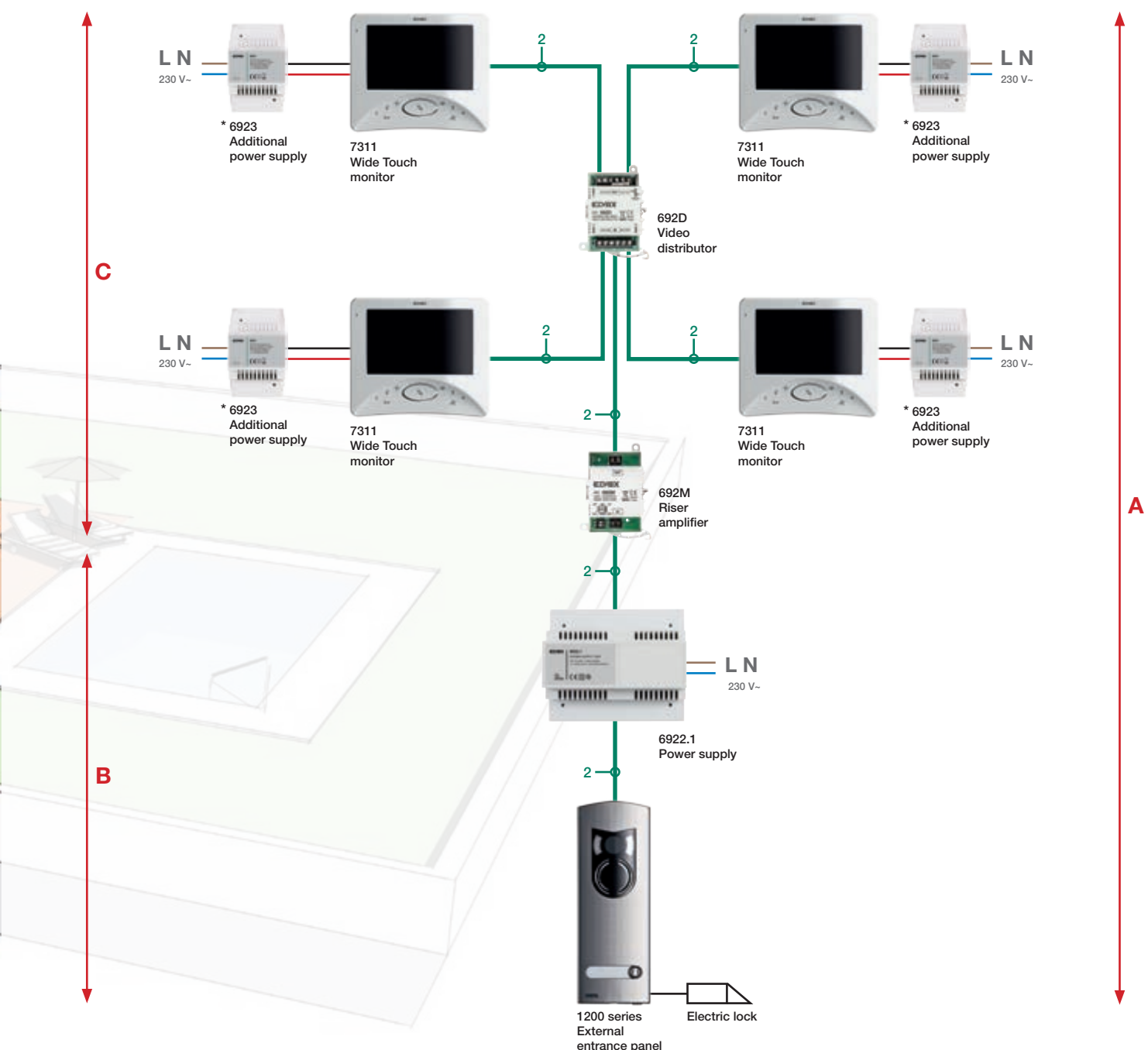
Examples of typical systems

Villa with video door entry system and extended cable runs



Examples of typical systems

Villa with video door entry system and extended cable runs



TYPICAL
INSTALLATIONS

* Additional power supply 6923 for use always with each Wide Touch monitor

Tipo di cavo	Video amplifiers	Max distance A	Max distance B	Max distance C	Max cable run
732I or 732H	1	600 m	250 m	400 m	2000 m
732I or 732H	2	900 m	250 m	500 m	2000 m
Cat.5 or Cat.6	1	510 m	210 m	300 m	2000 m
Cat.5 or Cat.6	2	770 m	210 m	560 m	2000 m
Telephone twisted pair	0	100 m	40 m	60 m	2000 m
Simple > 0,2 mm ²	0	50 m			100 m

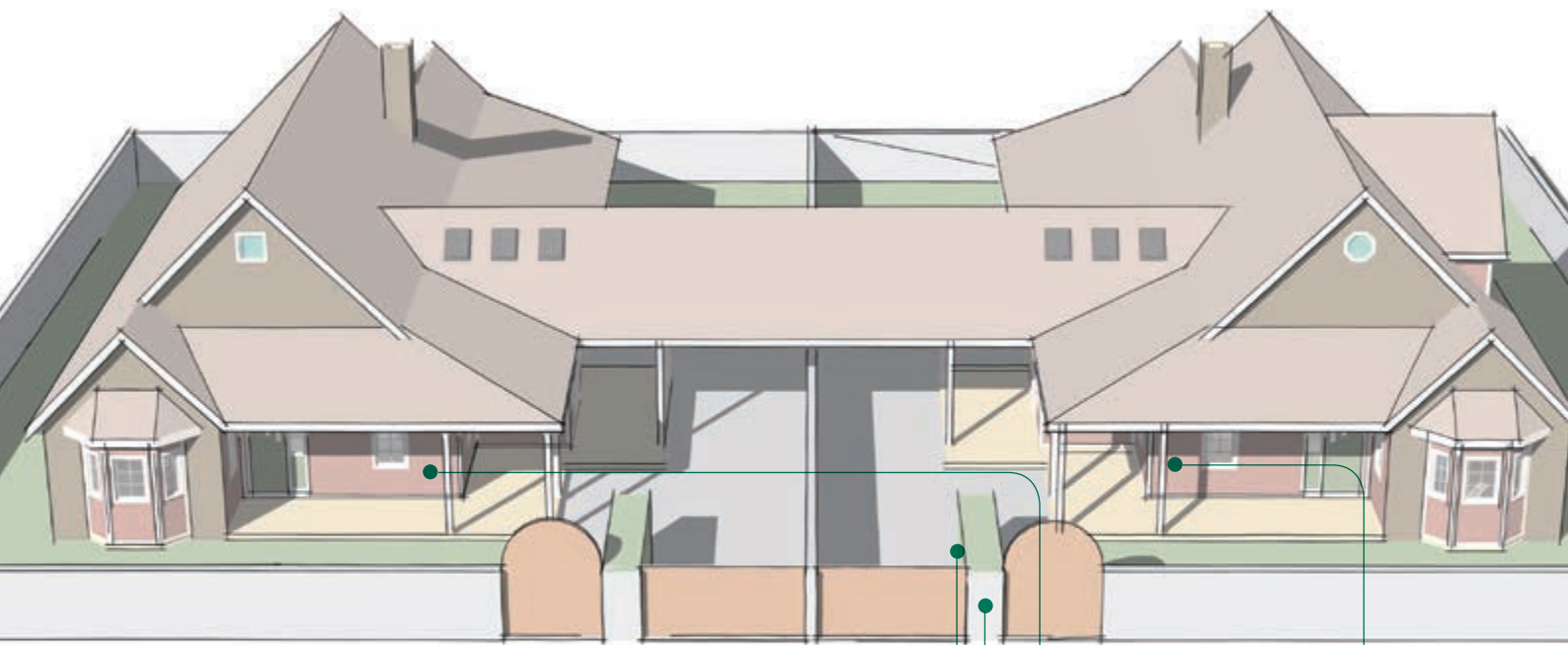
Table related to diagram configured with 1 external unit, 4 individually activated internal units, power supply and video distributor.

Key

- A - Max distance between the farthest external and internal unit
- B - Max distance between the entrance panel and the power supply
- C - Max distance between the power supply and the farthest internal unit

Examples of typical systems

Twin-residence with video door entry system



Pixel series
external entrance panel



Power supply



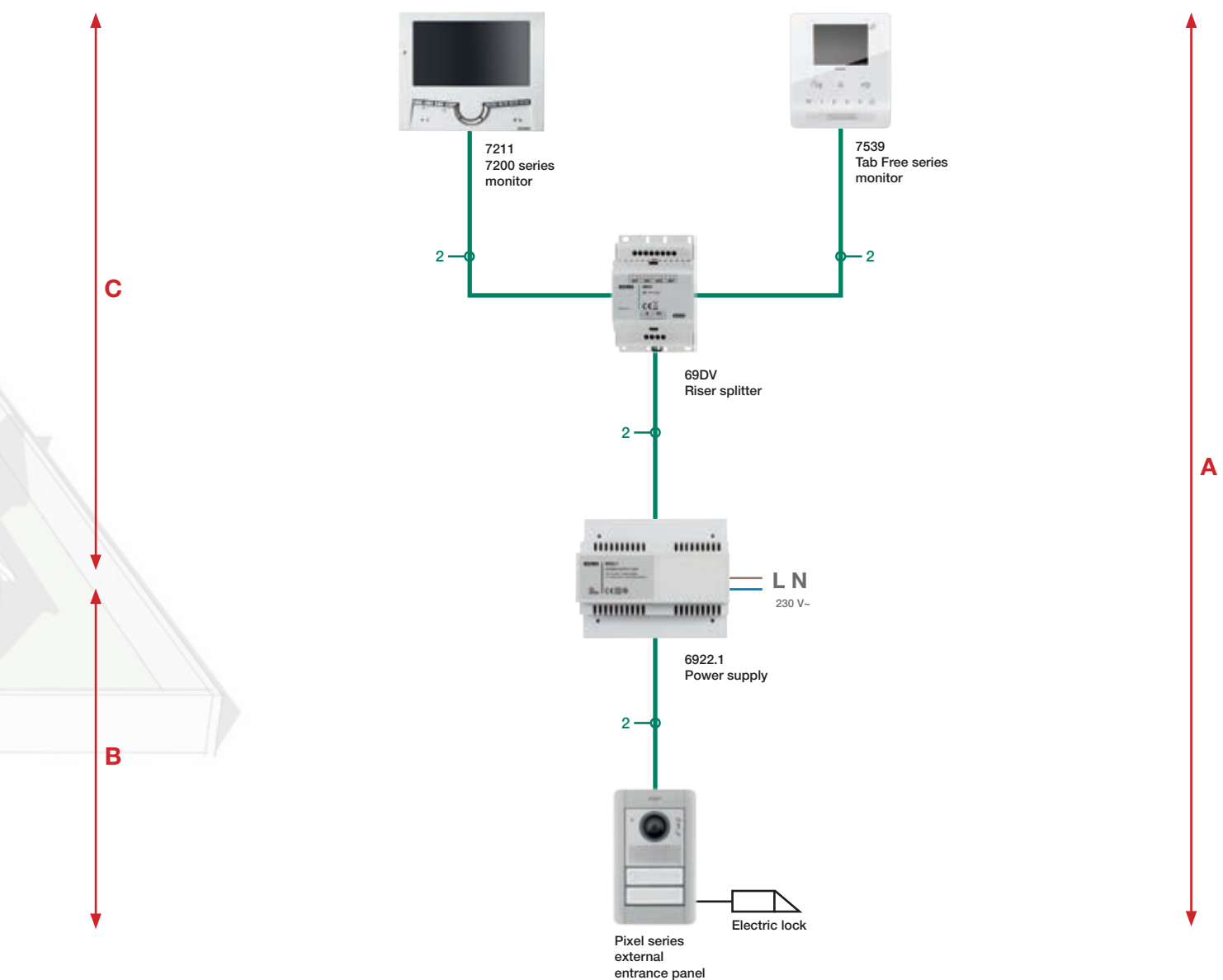
7200 series
video door entry unit



Tab Free series
video door entry unit

Examples of typical systems

Twin-residence with video door entry system



TYPICAL
INSTALLATIONS

Type of cable	Max distance A	Max distance B	Max distance C	Max cable run
732I or 732H	600 m	250 m	350 m	2000 m
Cat.5 or Cat.6	500 m	200 m	300 m	2000 m
Telephone twisted pair	100 m	40 m	60 m	2000 m
Simple > 0,2 mm ²	50 m			100 m

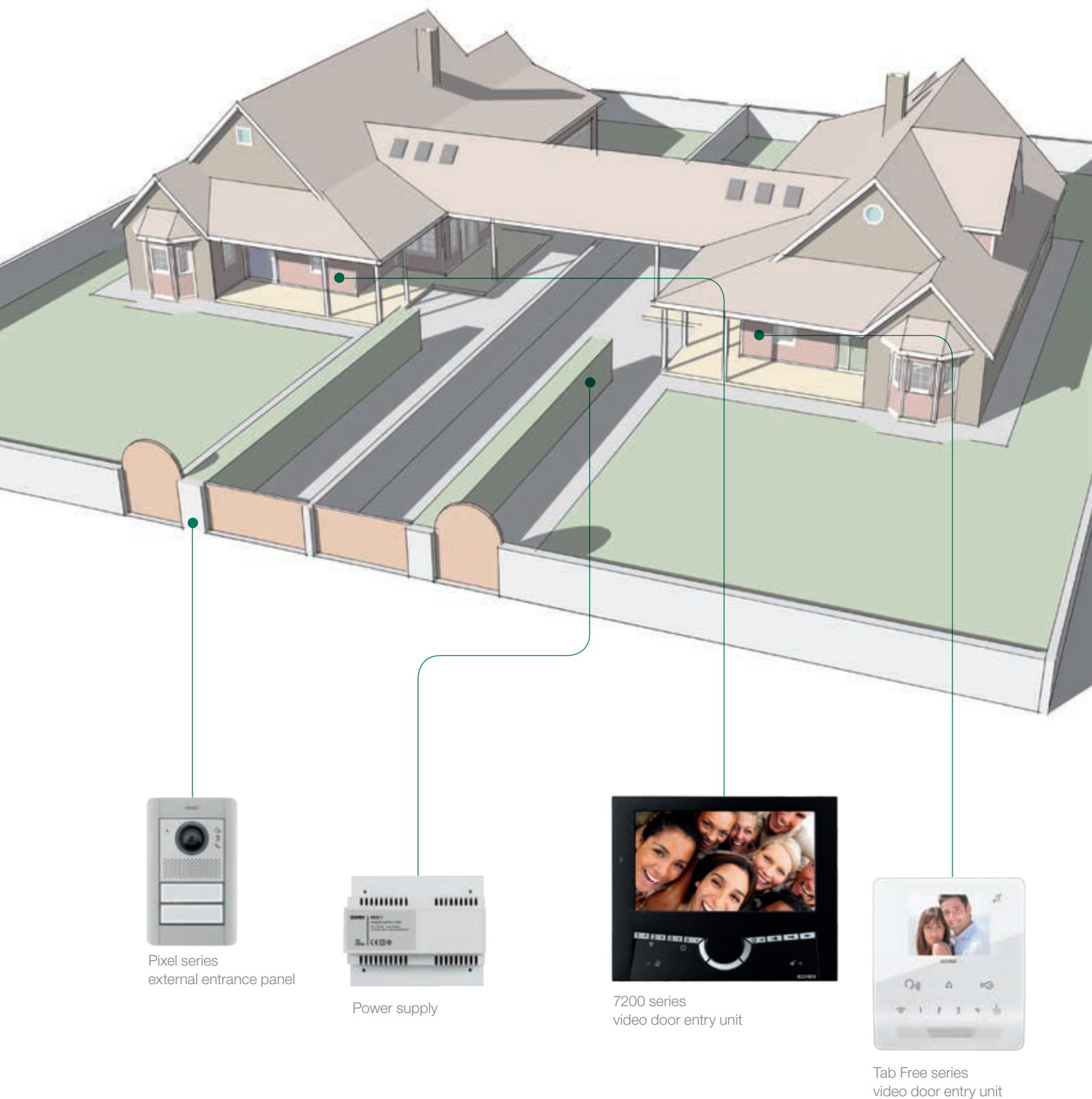
Table relating to configuration with 1 external unit, 1 internal unit per residence, power supply and riser splitter.

Key

- A - Max distance between the farthest external and internal unit
- B - Max distance between the entrance panel and the power supply
- C - Max distance between the power supply and the farthest internal unit

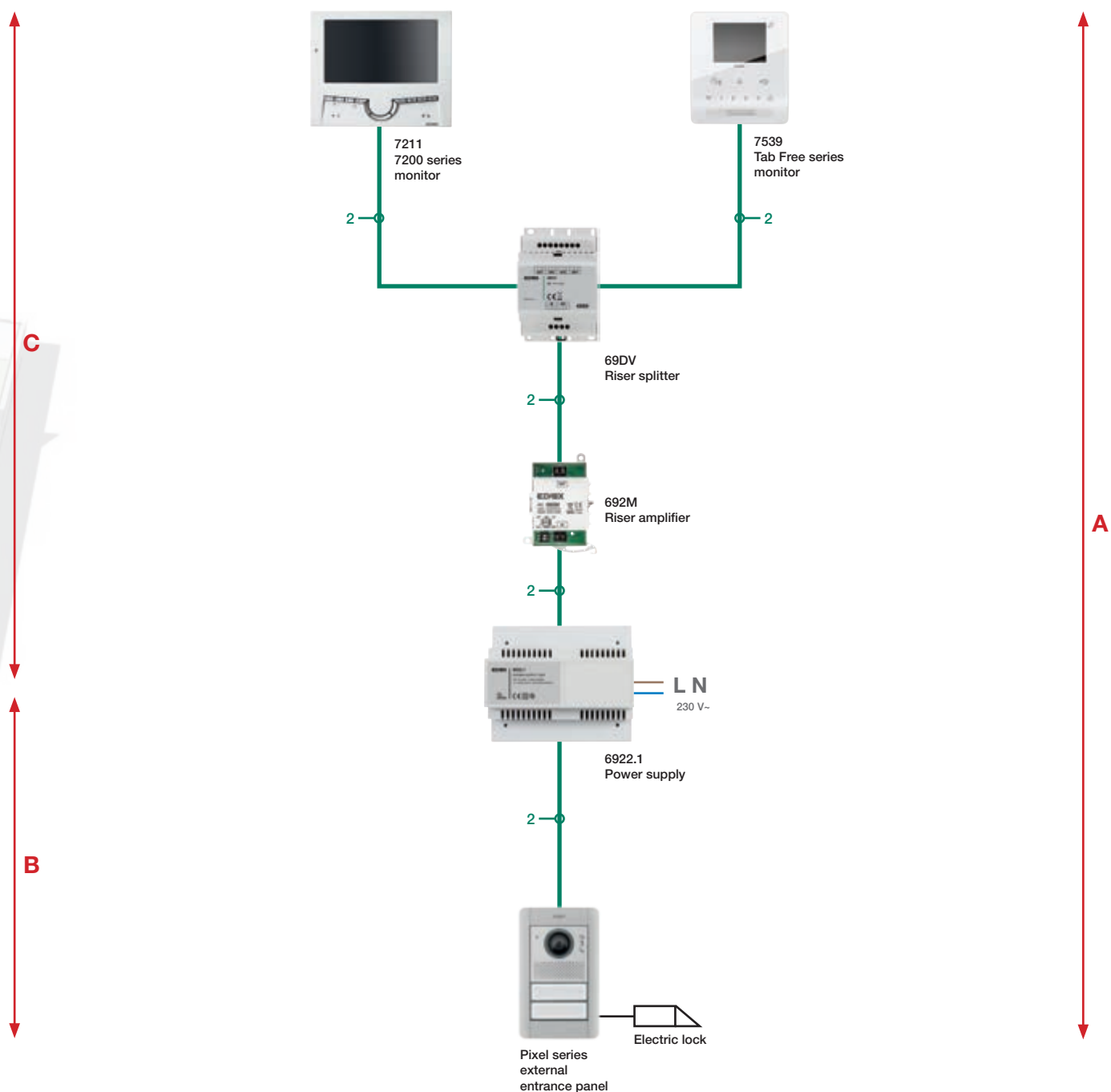
Examples of typical systems

Twin-residence with video door entry system and extended cable runs



Examples of typical systems

Apartment block with video door entry system and extended cable runs



Type of cable	Video amplifiers	Max distance A	Max distance B	Max distance C	Max cable run
732I or 732H	1	970 m	250 m	720 m	2000 m
732I or 732H	2	1200 m	250 m	950 m	2000 m
Cat.5 or Cat.6	1	800 m	200 m	600 m	2000 m
Cat.5 or Cat.6	2	1000 m	200 m	800 m	2000 m
Telephone twisted pair	0	120 m	40 m	80 m	2000 m
Simple > 0,2 mm ²	0	50 m			100 m

Table relating to configuration with 1 external unit, 1 internal unit per residence, power supply and riser splitter.

Key

- A - Max distance between the farthest external and internal unit
- B - Max distance between the entrance panel and the power supply
- C - Max distance between the power supply and the farthest internal unit

Examples of typical systems

Apartment block with video door entry system serving up to 8 internal units

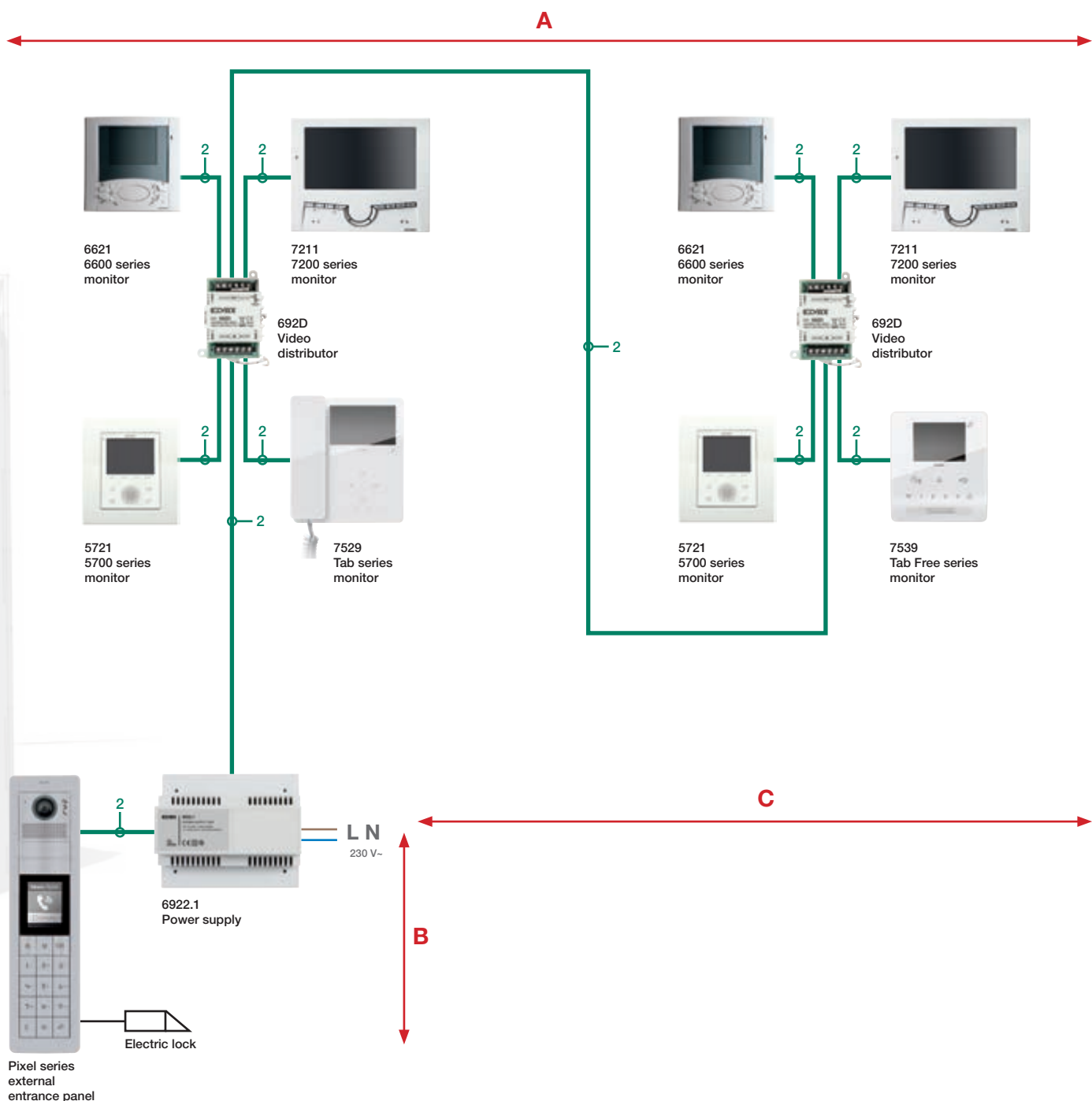


DUE FILI PLUS VIDEO DOOR ENTRY SYSTEMS



Examples of typical systems

Apartment block with video door entry system serving up to 8 internal units



TYPICAL
INSTALLATIONS

Type of cable	Max distance A	Max distance B	Max distance C	Max cable run
732I or 732H	320 m	250 m	100 m	2000 m
Cat.5 or Cat.6	260 m	200 m	80 m	2000 m
Telephone twisted pair	100 m	40 m	60 m	2000 m
Simple > 0,2 mm ²	50 m			100 m

Table relating to configuration with 1 external unit, 8 individually activated internal units, power supply and video distributor.

Key

- A - Max distance between the farthest external and internal unit
- B - Max distance between the entrance panel and the power supply
- C - Max distance between the power supply and the farthest internal unit

Examples of typical systems

Apartment block with video door entry system and extended cable runs

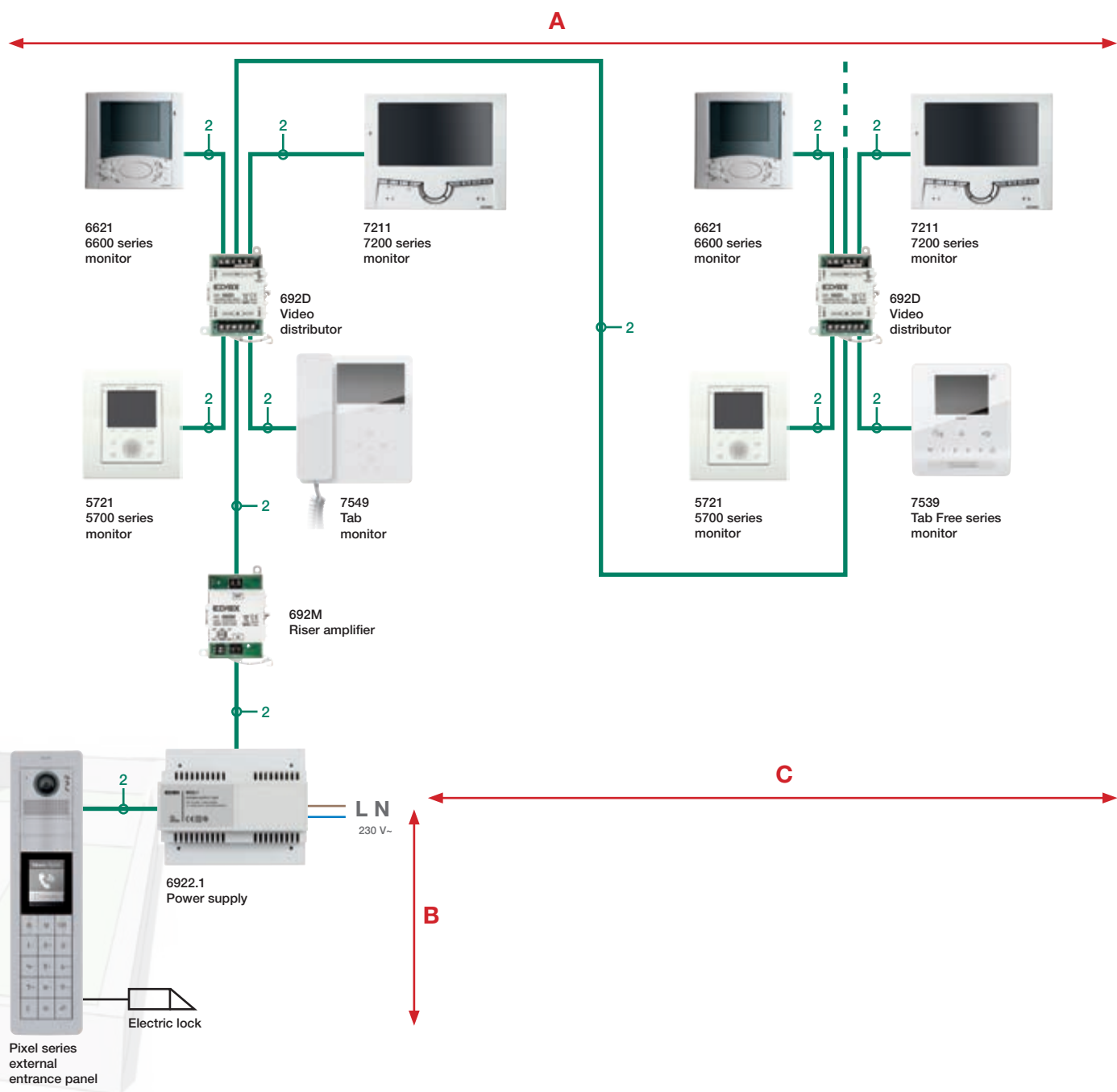


DUE FILI PLUS VIDEO DOOR ENTRY SYSTEMS



Examples of typical systems

Apartment block with video door entry system and extended cable runs



Type of cable	Video amplifiers	Max distance A	Max distance B	Max distance C	Max cable run
732I or 732H	1	550 m	250 m	300 m	2000 m
732I or 732H	2	800 m	250 m	550 m	2000 m
Cat.5 or Cat.6	1	450 m	200 m	250 m	2000 m
Cat.5 or Cat.6	2	650 m	200 m	450 m	2000 m

Table relating to configuration with 1 external unit, 8 individually activated internal units, power supply and video distributor.

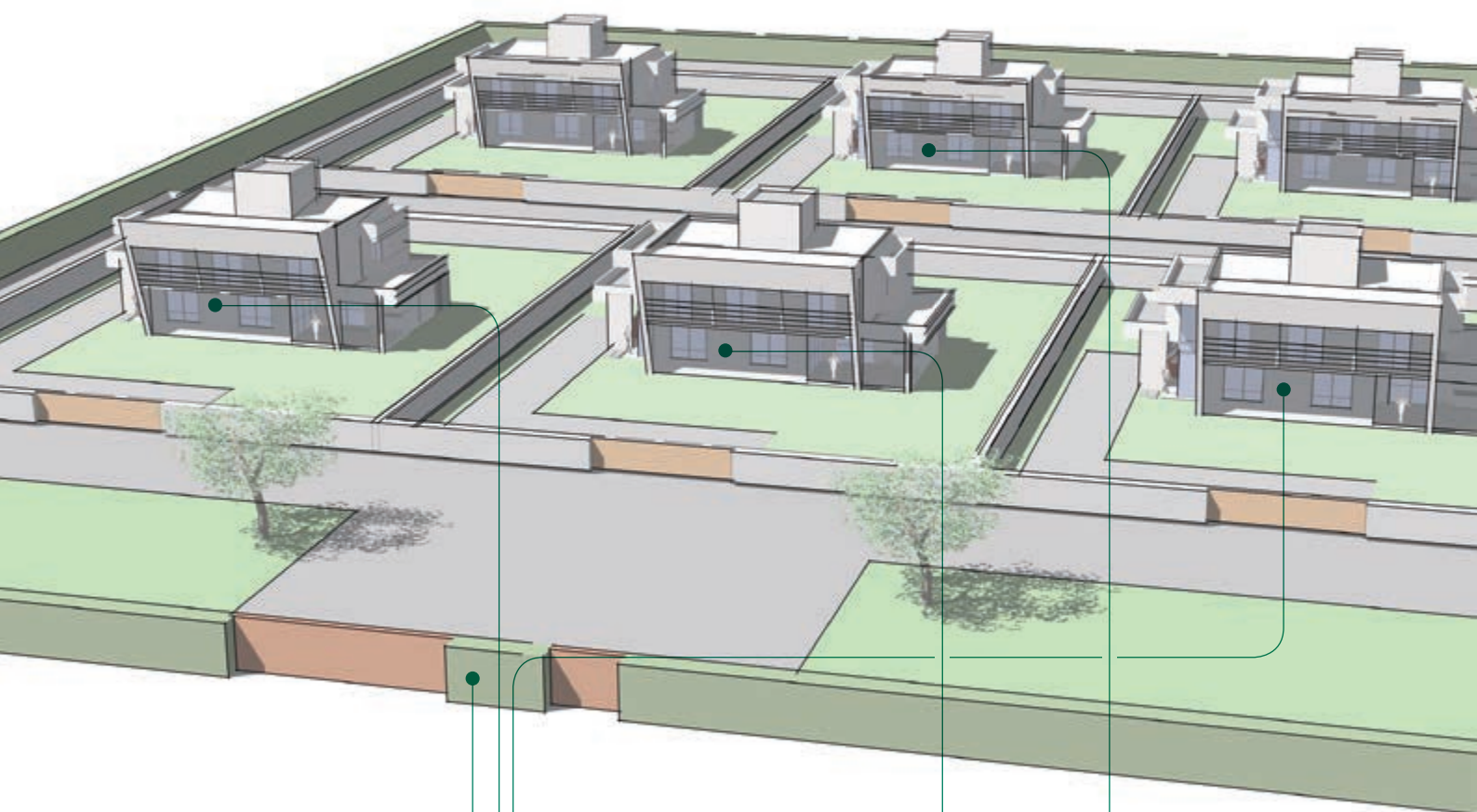
Remarks: It is suggested to use only the indicated cable for system with extended cable runs

Key

- A - Max distance between the farthest external and internal unit
- B - Max distance between the entrance panel and the power supply
- C - Max distance between the power supply and the farthest internal unit

Examples of typical systems

Residential complex with video door entry system serving up to 200 internal units



Pixel series
external entrance panel



Tab series
video door entry unit



7200 series
video door entry unit



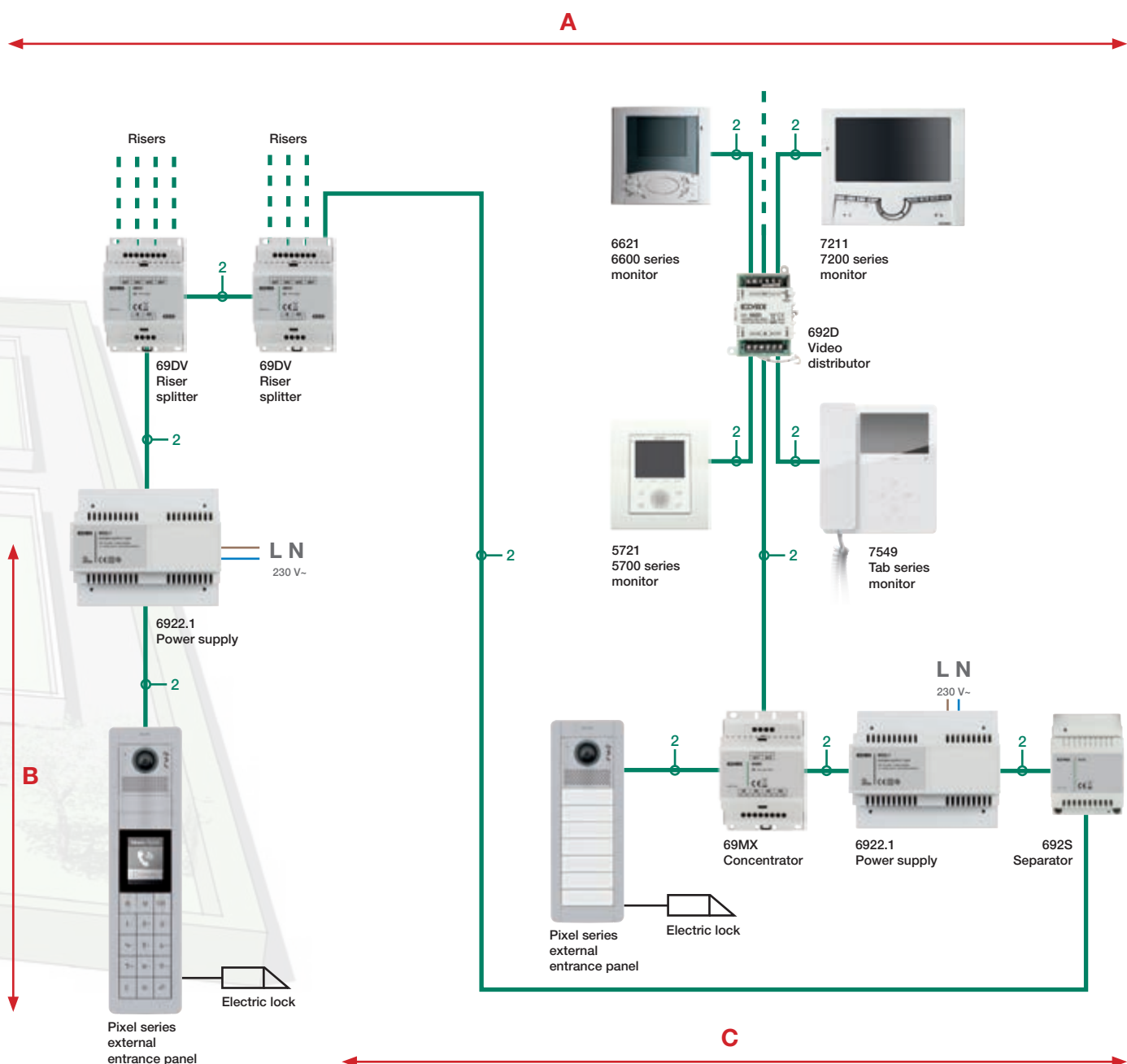
5700 series
video door entry unit

DUE FILI PLUS VIDEO DOOR ENTRY SYSTEMS



Examples of typical systems

Residential complex with video door entry system serving up to 200 internal units



TYPICAL
INSTALLATIONS

Type of cable	Max distance A	Max distance B	Max distance C	Max cable run
732I or 732H	570 m	250 m	320 m	2000 m
Cat.5 or Cat.6	470 m	200 m	270 m	2000 m

Maximum number of riser splitters: 2 devices in series for a maximum of 8 risers, or connect 4 riser splitters in cascade to the outputs of another splitter for a maximum of 16 risers. The maximum distance and the extended cable are taken into account for a single riser of the 69DV, from the outdoor unit to the last device on the riser.

Remarks: It is recommended to use only the indicated cable for system with up to 200 internal units

Key

- A - Max distance between the farthest external and internal unit
- B - Max distance between the entrance panel and the power supply
- C - Max distance between the power supply and the farthest internal unit

Examples of typical systems

Residential complex with video door entry system serving up to 200 internal units, and porter switchboard



Pixel series
external entrance panel



Tab series
video door entry unit



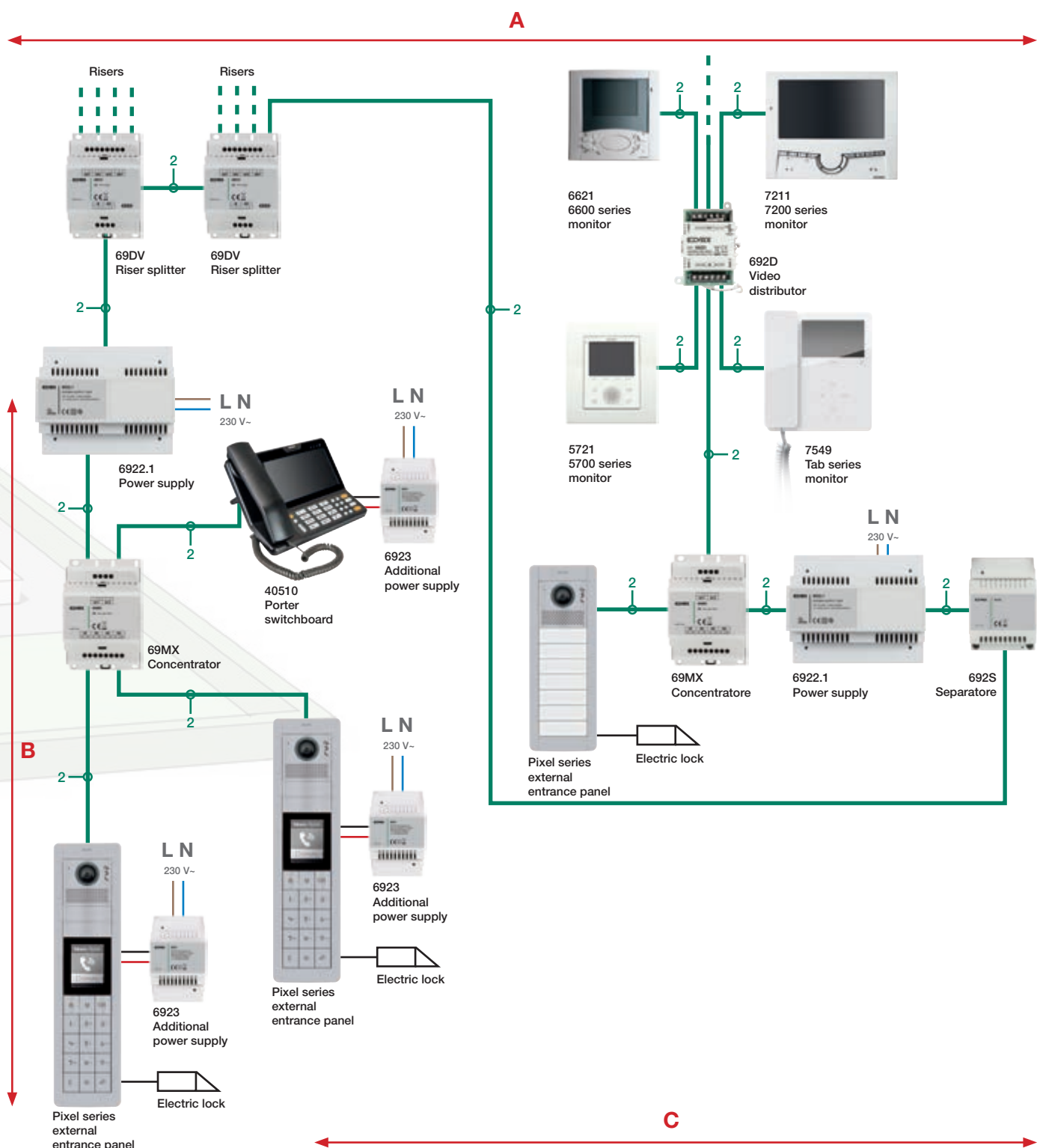
7200 series
video door entry unit



5700 series
video door entry unit

Examples of typical systems

Residential complex with video door entry system serving up to 200 internal units, and porter switchboard



TYPICAL
INSTALLATIONS

Type of cable	Max distance A	Max distance B	Max distance C	Max cable run
732I or 732H	840 m	520 m	320 m	2000 m
Cat.5 or Cat.6	710 m	440 m	270 m	2000 m

Maximum number of riser splitters: 2 devices in series. The max distance and the extended cable are considered for a single riser of 69DV, from main external unit to the last riser device

Remarks: It is recommended to use only the indicated cable for system with up to 200 internal units

Key

- A - Max distance between the farthest external and internal unit
- B - Max distance between the entrance panel and the power supply
- C - Max distance between the power supply and the farthest internal unit

Examples of typical systems

Residential complex with video door entry system serving up to 500 internal units

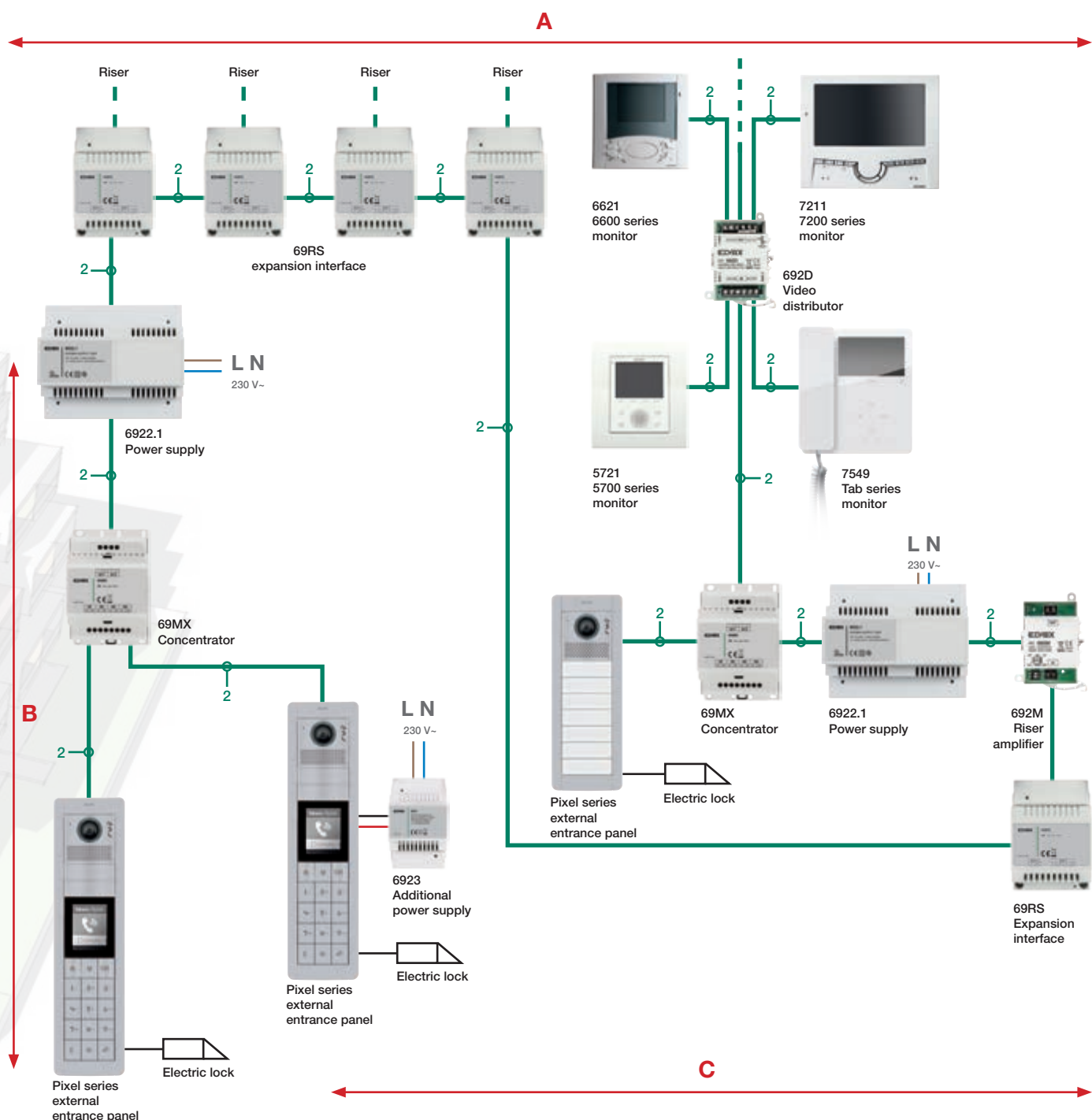


DUE FILI PLUS VIDEO DOOR ENTRY SYSTEMS



Examples of typical systems

Residential complex with video door entry system serving up to 500 internal units



TYPICAL
INSTALLATIONS

Type of cable	Video amplifiers	Max distance A	Max distance B	Max distance C	Max cable run
732I or 732H	1	840 m	520 m	320 m	2000 m
Cat.5 or Cat.6	1	710 m	440 m	270 m	2000 m

Table relating to configuration with 1 external unit and individually activated internal units. In the system, it is possible to connect max 32 69RS, of which max 10 connected each other with in-out cabling. The max distance and the extended cable are considered for a single riser of 69DV, from main external unit to the last riser device.








Remarks: It is recommended to use only the indicated cable for system with up to 500 internal units

Key

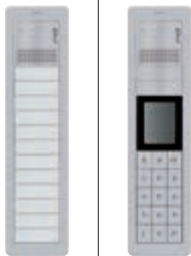
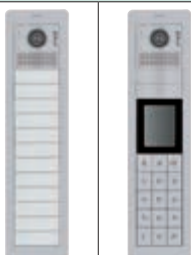




- A - Max distance between the farthest external and internal unit
- B - Max distance between the entrance panel and the power supply
- C - Max distance between the power supply and the farthest internal unit

Selection guide








Video and audio door entry systems












Series	TAB Free	TAB		TAB jr.	7300	7200	5700
Installation	Video	Video		Audio only	Video	Video	Video
Colour/cover finish	- White - Black (/04)	- White - Black (/04)		- White - Black (/04)	- White - Black (/04)	- White - Metallic black - Metallic blue - Metallic bronze - Metallic green - Metallic red - Metallic silver - Polished gold chrome	- White - Black (/04 or /D04)
Design type		 Display 4,3"	 Display 3,5"				
Flush mounting		7549+753S (only for 4+4 back boxes, V71318 or 6149)		7529+753S 7529/D+753S (only for 4+4 back boxes, V71318 or 6149)	7311+7249	7211+7249	5721+6149 5721/D+6149
Surface mounting	7539	7549	7529 7529/D	7509 7509/D	7321	7211+720E	
Table mounting	7539+753A+753B	7549+753A+753B	7529+753A+753B 7529/D+753A+753B	7509+753A+753B 7509/D+753A+753B	7311+730A	7211+720A	
Catalogue	from page 64 to page 65	from page 66 to page 67	from page 68 to page 69	from page 70 to page 71	from page 72 to page 73	from page 74 to page 75	from page 76 to page 77

Entrance panels

Types	Modular		Monobloc							
Series	Pixel		1300		1200		1200 reinforced		1200 columns	
Installation	Flush/surface		Flush/surface		Flush/surface		Flush		Floor	
Call type	Buttons	Alphanumeric with electronic directory	Buttons	Alphanumeric with electronic directory	Buttons	Alphanumeric with electronic directory	Buttons	Alphanumeric with electronic directory	Buttons	Alphanumeric with electronic directory
	Audio		Audio or video		Audio or video		Audio or video		Audio or video	
Design type	 									
Number of calls	from 1 to 42 with single axial buttons from 2 to 84 with rocker buttons	from 1 to 6400	from 1 to 44	from 1 to 6400	from 1 to 44 buttons from 2 to 88 buttons on two rows	from 1 to 6400	from 1 to 28	from 1 to 6400	from 1 to 8	from 1 to 6400
Catalogue	from page 100 to page 117		from page 118 to page 125		from page 126 to page 141		from page 142 to page 145		from page 146 to page 149	

Selection guide

6600		Petrarca		Giotto	8870	6900
Video	Audio only	Video	Audio only	Video	Audio only	Audio only
- White - Anthracite (/21) - Titanium (/37) - Brushed steel (/40)	- White - Titanium (/37) - Brushed steel (/40)	- White - Anthracite (/21) - Titanium (/37)	- White - Anthracite (/21) - Titanium (/37)	- White - Anthracite (/21) - Titanium (/37)	- White - Anthracite (/21) - Titanium (/37)	- White
						
6611+6149 6621+6149	6601/AU+6149 6611/AU+6149					
6711 6721	6701/AU 6711/AU	6029+6209+6145 6029/C+6209+6145	6209	6329 6329/C (only white or titanium)	8879	6901 6901/D
661C 662C (only white)	660C/AU 661C/AU (only white)	6029+6209+6142 6029/C+6209+6142	6209+6140	6329+661A 6329/C+661A (only white or titanium)		
from page 78 to page 81	from page 82 to page 85	from page 86 to page 91	from page 86 to page 91	from page 92 to page 93	from page 94 to page 95	from page 94 to page 95

Modular		Flat		Others	
8000		Patavium		Inox Flat	Letterbox
Flush/surface		Flush		Flush	Flush/surface floor
Buttons	Alphanumeric with electronic directory	Buttons	Alphanumeric with electronic directory	Alphanumeric with electronic directory	Buttons with letterbox
Audio		Audio		Audio	Audio or video
					
Video		Video		Video	
					
from 1 to 43	from 1 to 6400	from 1 to 35	from 1 to 6400	from 1 to 6400	from 1 to 10
from page 150 to page 159		from page 160 to page 161		from page 162 to page 163	from page 164 to page 169

Tab series - Video door entry units

Tab Free surface mounting hands-free video entryphones

Speakerphone video door entry unit made of thermoplastic material with 3.5" LCD colour display. Equipped with keypad for the main video door entry functions: speak/listen, door lock release, selfstart, auxiliary services (stair lighting), ringtone muting and 4 programmable additional buttons that can execute up to 4 auxiliary functions or intercommunicating calls. It is possible to control: brightness, ringtone volume and muting when "User Away" function is activated. Possibility of ringtone type selection for calls made from different points, e.g.: outdoor entrance panel, landing call, intercom call.

LED signalling of "door/gate open" and "Unanswered calls" (up to 4 calls with video door entry unit in ringtone muted mode).

The speakerphone video door unit is provided of the functions for hearing aid wearers.

Conformity to standards

EMC Directive

Standards EN 61000-6-1, EN 61000-6-3, EN 60118-4

Main technical specifications

- Due Fili Plus Bus power supply.
- 3.5" LCD display.
- Video door entry unit made of ABS with mirror gloss finish on front panel.
- Touch-sensitive keypad with backlit symbols (during operation).
- Electronic ringtone: with diversification between 10 different melodies signalling entrance panel calls, intercom calls and landing calls.
- Input for landing call.
- Designed for surface mounting with metallic baseplate or fitting in a box (can be mounted directly onto the wall using wall plugs or to a 3-module flush mounting box or Ø 60 mm round flush mounting box or 56x56 mm flush mounting box).
- Video door entry unit dimensions: 131x150x26.5 mm.

Technical data

Inputs	
power supply from Bus	28 Vdc rated voltage
absorption stand-by	10 mA
max absorption operation	160 mA
operating temperature	0° to +40° C

Touch-sensitive keypad and indicator light signalling



Speak/listen button.



Self-start push button.



Lock opening push button.



Auxiliary 1 (Stair light): for auxiliary service.



Ringtone mute push button and signalling of:

- (flashing light) incoming call from outdoor entrance panel or intercom device.
- (Steady light) ringtone muted.
- (Steady light that flashes every 10s, while the ringtone is muted) calls have been made from the entrance panel.

1 2 3 4

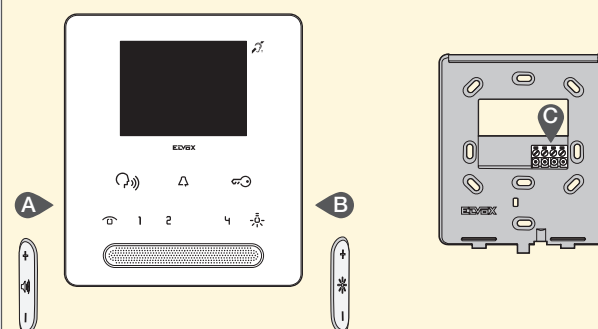
Programmable push buttons for activating auxiliary services or intercom calls.

Brightness and volume control and connection terminal block

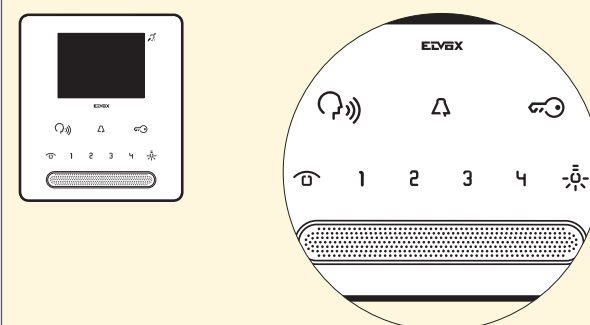
A) Side adjustment of the volume.

B) Side adjustment of the brightness.

C) Terminal block for video door entry unit connection: to the Due Fili Plus system and to an external push button for landing calls.



Touch-sensitive keypad and indicator light signalling



DUE FILI PLUS VIDEO DOOR ENTRY SYSTEMS



Tab series - Video door entry units

Tab Free surface mounting hands-free video entryphones

7539	Tab surface mounting hands-free video entryphone for Due Fili Plus system with 3.5" colour LCD screen, capacitive keypad for interphone functions and intercom calls, facility for hard of hearing function, bracket for fixing in round or rectangular mounting box, white
7539/04	As above, black



7539
white

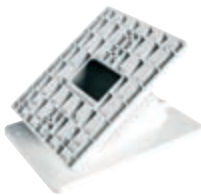


7539/04
black

VIDEO AND AUDIO
DOOR ENTRY UNITS

Accessories

753A	Table mounting box for Tab series video entryphones and interphones, white
753A/04	As above, black
753B	Interconnection stud for desktop box, screw terminals, socket outlet RJ45



753A
white



753B

Tab series - Video door entry units

Tab 4.3" surface mounting video entryphones with handset

Monitor made of thermoplastic material with handset and 4.3" LCD colour display. Equipped with keypad for the video door entry functions: talk/listen, door lock release, self-start, auxiliary services (stair lighting), ringtone muting and 4 programmable additional buttons that can execute up to 4 auxiliary functions or intercommunicating calls.

It is possible to control brightness, ringtone volume, ringtone muting when "User Away" function is activated and ringtone type selection. Facility of selecting different ringtones for calls made from different points, e.g.: external entrance panel, landing call, intercom call.

Signalling of "Door/gate open" and "Unanswered calls" (up to 4 calls with monitor in ringtone muted mode).

The monitor features a hearing aid function as standard.

Conformity to Standards

EMC directive

Standards EN 61000-6-1, EN 61000-6-3, EN 60118-4

Main specifications

- Power supply: Due Fili Plus Bus.
- 4.3" LCD display.
- Monitor in ABS casing with gloss finish to front panel.
- Soft touch capacitive keypad with backlit symbols (during operation).
- Electronic ringtone: with diversification between 10 different tunes for entrance panel calls, intercom calls and landing calls.
- Input for landing call.
- Mini-USB connector for programming from PC.
- Designed for surface mounting with back plate either directly to the wall or to a recessed back box (can be fixed with masonry plugs, or screwed to a 3-module rectangular back box or a Ø 60 mm round back box).
- Dimensions of monitor with handset hung up: 160x180x45 mm.

Technical data

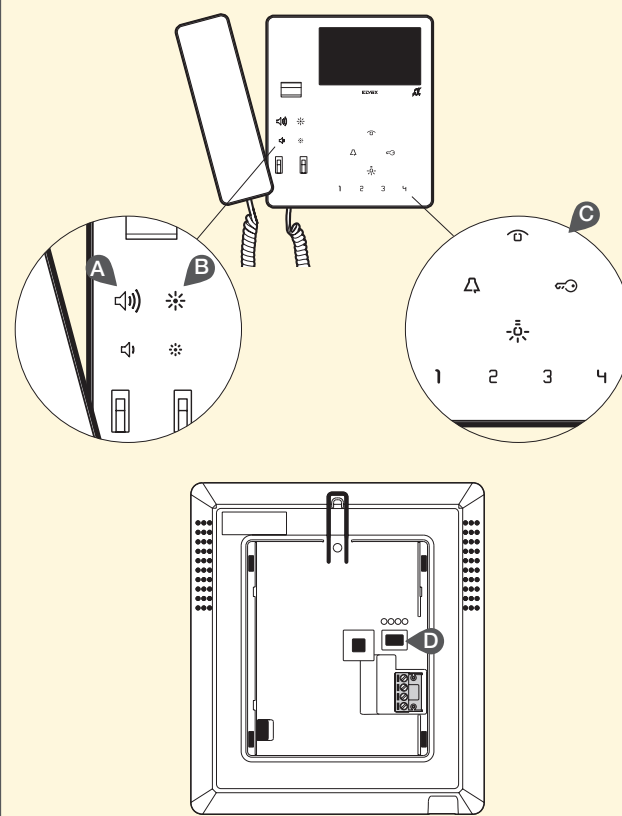
Inputs	
power supply from bus	28 Vdc nominal
current draw in stand-by	10 mA
max current draw in operation	180 mA
operating temperature	0 °C to +40 °C

Soft-touch keypad and luminous indicators

	Self-start button.
	Ringtone mute button and indication: - incoming call (from external entrance panel or intercom device) – blinking light. - Ringtone muted – light permanently on. - Calls made from entrance panel with ringtone muted – light permanently on and blinking every 10s.
	Lock release button: - light permanently on indicates door open.
	Auxiliary 1 (Stair light): assigned to auxiliary service.
1 2 3 4	Programmable buttons for activating auxiliary services or intercom calls.

Controls and connections

- A) Side volume control.
B) Brightness control on side.
C) Touch-sensitive keypad.
D) Mini-USB connector.
E) Terminal block on fixing plate for connecting the monitor: to the Due Fili Plus system and for connection to an external button for landing calls.



Tab series - Video door entry units

Tab 4.3" surface mounting video entryphones with handset

▲ 7549	Tab surface mounting video entryphone for Due Fili Plus system with 4.3" colour screen, handset, loudspeaker for electronic calls, capacitive keypad for interphone functions and intercom calls, facility for hard of hearing function, bracket for fixing in round or rectangular mounting box, white
▲ 7549/04	As above, black



▲ 7549
white

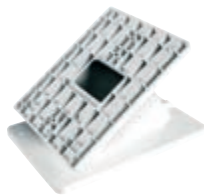


▲ 7549/04
black

VIDEO AND AUDIO
DOOR ENTRY UNITS

Accessories

753A	Table mounting box for Tab series video entryphones and interphones, white
753A/04	As above, black
753B	Interconnection stud for desktop box, screw terminals, socket outlet RJ45
753S	8 module support (4+4) for surface mounting of Tab 7549 and 7529 video entryphone, with screws for Vimar V71318, V71718 boxes



753A
white



753B



753S

Tab series - Video door entry units

Tab 3.5" surface mounting video entryphones with handset

Video door entry unit made of thermoplastic material with handset and 3.5" LCD colour display. Equipped with four buttons for the main video door entry functions: door lock release, self-start, auxiliary services (stair lighting), ringtone muting and 4 programmable additional buttons that can execute up to 4 auxiliary functions or intercommunicating calls.

It is possible to control ringtone volume and muting when "User Away" function is activated. Possibility of ringtone type selection for calls made from different points, e.g.: outdoor entrance panel, landing call, intercom call.

LED signalling of "door/gate open" and "Unanswered calls" (up to 4 calls with video door entry unit in ringtone muted mode). Products 7529/D and 7529/D04 are equipped with a function for hearing aid wearers.

Conformity to standards

EMC Directive

Standards EN 61000-6-1, EN 61000-6-3, EN 60118-4

Main technical specifications

- Due Fili Plus Bus power supply.
- Input for additional power supply (6923), allowing simultaneous start-up of more than two internal units.
- 3.5" LCD display.

- Video door entry unit made of ABS with mirror gloss finish on front panel.
- Touch-sensitive keypad with backlit symbols (during operation).
- Electronic ringtone: with diversification between 10 different melodies signalling entrance panel calls, intercom calls and landing calls.
- Input for landing call.
- Output for additional ringtone 860A or relay 0170/101.
- Designed for surface mounting with metallic baseplate or fitting in a box (can be mounted directly onto the wall using wall plugs or to a 3-module flush mounting box or Ø 60 or 70 mm round flush mounting box).
- Video door entry unit dimensions with hooked handset: 160x180x45 mm.

Technical data

Inputs

power supply from Bus	28 Vdc rated voltage
absorption stand-by	10 mA
max absorption operation	200 mA
operating temperature	0° to +40° C
additional power supply	with 6923

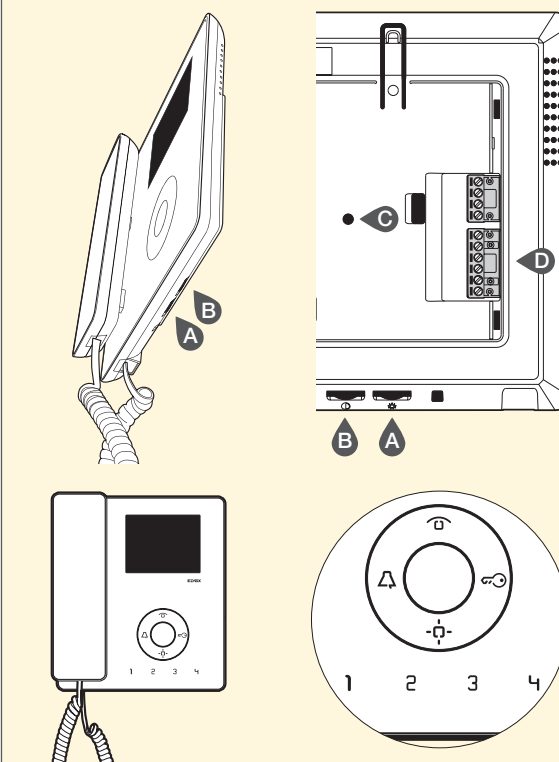
Option of using additional power supply 6923 where necessary (Bus voltage at monitor terminals 1 and 2 registering < 24 Vdc)

Touch-sensitive keypad and indicator light signalling

	Self-start push button.
	Ringtone mute push button and signalling of: <ul style="list-style-type: none"> - (flashing light) incoming call from outdoor entrance panel or intercom device. - (Steady light) ringtone muted. - (Steady light that flashes every 10s, while the ringtone is muted) calls have been made from the entrance panel.
	Lock opening push button: <ul style="list-style-type: none"> - (Steady light) indicates that the door is open.
	Auxiliary 1 (Stair light): for auxiliary service.
1 2 3 4	Programmable push buttons for activating auxiliary services or intercom calls.

Adjustments and connections

- A) Brightness adjustment.
- B) Contrast adjustment.
- C) Colour saturation adjustment.
- D) Terminal block for video door entry unit connection: to the Due Fili Plus system, to any additional power supply, to an additional external bell and to an external push button for landing calls.



DUE FILI PLUS VIDEO DOOR ENTRY SYSTEMS



Tab series - Video door entry units

Tab 3.5" surface mounting video entryphones with handset

7529	Tab surface mounting video entryphone for Due Fili Plus system with 3.5" colour screen, with handset, loudspeaker for electronic calls, capacitive keypad for interphone functions and intercom calls, bracket for fixing in round or rectangular mounting box, white
7529/04	As above, black
7529/D	As above, with function for hearing aid wearers, white
7529/D04	As above, with function for hearing aid wearers, black



7529
7529/D
white

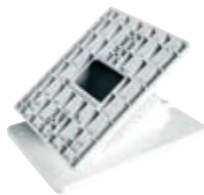


7529/04
7529/D04
black

VIDEO AND AUDIO
DOOR ENTRY UNITS

Accessories

753A	Table mounting box for Tab series video entryphones and interphones, white
753A/04	As above, black
753B	Interconnection stud for desktop box, screw terminals, socket outlet RJ45
753S	8 module support (4+4) for surface mounting of Tab 7549 and 7529 video entryphone, with screws for Vimar V71318, V71718 boxes



753A
white



753B



753S

Tab series - Interphones

Tab jr. surface mounting interphones

Interphone made of thermoplastic material with handset. Equipped with four buttons for the main video door entry functions: door lock release, self-start, auxiliary services (stair lighting), ringtone muting and 4 programmable additional buttons that can execute up to 4 auxiliary functions or intercommunicating calls.

It is possible to control ringtone volume and muting when "User Away" function is activated. Possibility of ringtone type selection for calls made from different points, e.g.: outdoor entrance panel, landing call, intercom call.

LED signalling of "door/gate open" and "Unanswered calls" (up to 4 calls with interphone in ringtone muted mode).

Products 7509/D and 7509/D04 are equipped with a function for hearing aid wearers.

Conformity to standards

EMC Directive

Standards EN 61000-6-1, EN 61000-6-3, EN 60118-4

Main technical specifications

- Due Fili Plus Bus power supply
- Interphone made of ABS with mirror gloss finish on front panel.
- Touch-sensitive keypad.
- Electronic ringtone: with diversification between 10 different melodies signalling entrance panel calls, intercom calls and landing calls.
- Output for additional ringtone art. 860A or relay art. 0170/101.
- Designed for surface mounting or fitting in a box (can be mounted directly onto the wall using wall plugs or to a 3-module flush mounting box or a Ø 60 or 70 mm round flush mounting box).
- Interphone dimensions with hooked handset: 105x180x35 mm.

Technical data

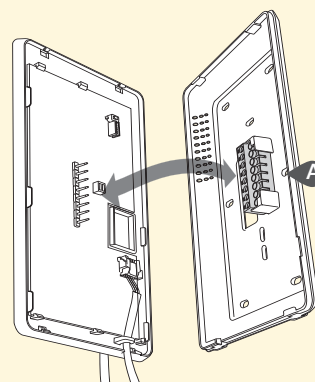
Inputs	
power supply from Bus	28 Vdc rated voltage
absorption stand-by	10 mA
max absorption operation	100 mA
operating temperature	0° to +40° C

Touch-sensitive keypad and indicator light signalling

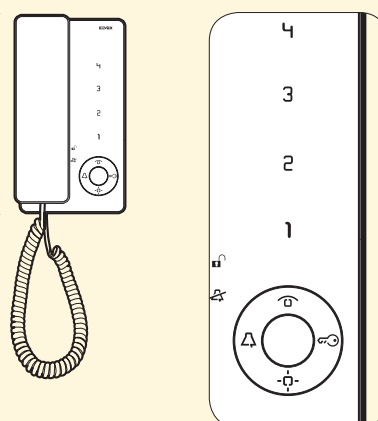
	Self-start push button.
	Ringtone muting push button.
	Lock opening push button.
	Auxiliary 1 (Stair light): for auxiliary service.
1 2 3 4	Programmable push buttons for activating auxiliary services or intercom calls.
	Signalling during normal operation: <ul style="list-style-type: none"> - (flashing light) incoming call from outdoor entrance panel or intercom device. - (Steady light) ringtone muted. - (Steady light that flashes every 10s, while the ringtone is muted) calls have been made from the entrance panel.
	Signalling during normal operation: <ul style="list-style-type: none"> - (steady light) indicates that the door is open.

Connection terminal block

A) Terminal block for interphone connection: to the Due Fili Plus system, to an additional external bell and to an external push button for landing calls.



Touch-sensitive keypad and indicator light signalling



Tab series - Interphones

Tab jr. surface mounting interphones

7509	Surface mounting Tab interphone for Due Fili Plus system with handset, loudspeaker for electronic calls, capacitive keypad for interphone functions and intercom calls, screws for fixing in round or rectangular mounting box, white
7509/04	As above, black
7509/D	As above, with function for hearing aid wearers, white
7509/D04	As above, with function for hearing aid wearers, black



7509
7509/D
white

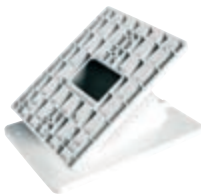


7509/04
7509/D04
black

VIDEO AND AUDIO
DOOR ENTRY UNITS

Accessories

753A	Table mounting box for Tab series video entryphones and interphones, white
753A/04	As above, black
753B	Interconnection stud for desktop box, screw terminals, socket outlet RJ45



753A
white



753B

Wide Touch - Video door entry units

Wide Touch video door entry units

Two-channel video door entry unit with touch screen, answering machine, hands-free and intercom call functions. Thermoplastic cover. Equipped with high resolution touch screen colour monitor, on-screen navigation menu and backlit soft-touch keys for video door entry functions. Functions managed from the soft-touch keys are: door lock release, self-start, auxiliary services (stair light), intercom calls, conversation, ringtone mute. Functions managed from the navigation menu are: video answering machine, automatic record, automatic answer, Family Memo, Picture Memo, directory, video cameras (dedicated and remote camera), activation of auxiliary services (including control by time slots), intercom calls, call to porter switchboard, date, time. With the Wide Touch monitor, the user can program the entire installation and save the configuration to a computer with the SaveProg software, by connecting directly to the monitor via the mini-USB port.

Conformity to standards

EMC Directive

Standards EN 61000-6-1, EN 61000-6-3

Main specifications

- Power supply: Due Fili Plus two-wire Bus.
- Input for additional power supply (6923): touch screen controlled video door entry functions.
- 7" TFT LCD touch screen display, 16:9 widescreen aspect ratio.
- ABS thermoplastic cover.
- Backlit soft-touch keypad.
- Stylus pen for touch screen.
- Removable terminal block for connection to system.
- Electronic ringtone.
- Input for landing call with ringtone sound different from entrance panel and intercom ringtone.
- Output for additional ringtone 860A or relay 0170/101.
- Option of connecting a camera direct to the monitor.
- Option of flush wall mount, desk-top base (7311), or surface wall mount with standard fixing bracket (7321).
- Dimensions (7311): 204 x 174 x 18 mm + 40.5 mm.
- Dimensions (7321): 204 x 174 x 34 mm.

Technical data

Inputs	
power supply from Bus	28 Vdc rated voltage
absorption stand-by *	15 mA
max absorption operation	290 mA
operating temperature	0 °C to +40 °C

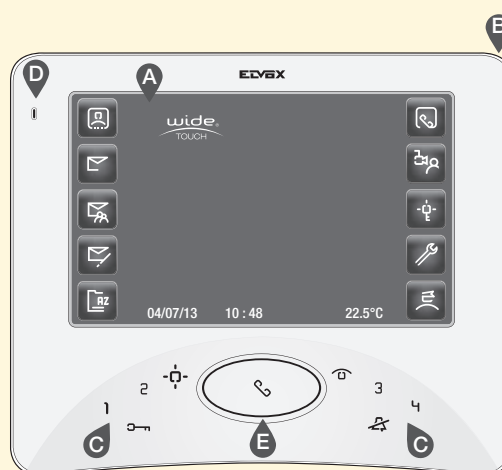
* without power supply 6923, otherwise consumption from Bus is 0. Additional power supply needed for activation of touch screen functions.

Soft-touch keypad

	Lock release button: - light permanently on indicates door open.
	Auxiliary (e.g. stair light): assigned to auxiliary service.
	Talk button: - communication with entrance panel. - Communication with other intercom devices. - If this button blinks when the monitor is off, it means there are unread messages on the answering machine.
	Self-start button.
	Audio mute (privacy) and speaker OFF indicator.
1 2 3 4	Programmable buttons for activating auxiliary services or intercom calls.

Front panel controls

- A) Touch screen monitor.
B) Removable stylus pen for touch screen.
C) Soft touch keys.
D) Microphone.
E) Speaker.



Wide Touch - Video door entry units

Wide Touch video door entry units

7311	Two-channel flush mounting Wide Touch speakerphone monitor for Due Fili Plus system with 7" TFT LCD colour touch screen, installation in box 7249 or on desktop base 730A, white. Dimensions: 204x174x18 mm + 58,5 mm (flush mounting)
■ 7311/04	As above, black
■ 7311/43	As above, gold
7321	Two-channel wall-mounted Wide Touch monitor for Due Fili Plus system with 7" TFT LCD colour screen, supplied with fixing bracket, white. Dimensions: 204x174x34 mm
7321/04	As above, black



7311
7321
white



■ **7311/04**
7321/04
black

Accessories

■ 730A	Desktop base for 7311 Wide Touch monitor, complete with 2 m of 12-conductor cable + 1 coaxial, equipped with a comb connector, white
■ 730A/04	As above, black
7249	Flush mounting box for Wide Touch and 7200 monitors with protective cover. Dimensions: 189x160x52 mm



■ **730A**
white



■ **730A/04**
black



7249

7200 series - Video door entry units

7200 series flush mounting video entryphones

Two-channel hands-free video door entry unit. Thermoplastic cover. High-resolution monitor with 7" TFT LCD colour screen, 16:9 widescreen aspect ratio and loudspeaker for electronic call. Equipped with 8 backlit buttons for: door lock release, self-start, auxiliary services (stair light), intercom calls, talk, internal voice line volume control, ringtone volume control and mute, selection of different ringtones, brightness control and removable terminal block. Dedicated door-open and ringtone mute indicators. Monitor customizable with interchangeable covers.

Conformity to standards

EMC Directive

Standards EN 61000-6-1, EN 61000-6-3

Main specifications

- Power supply: Due Fili Plus two-wire Bus.
- Input for additional power supply (6923), allowing simultaneous start-up of more than two internal units.
- 7" TFT LCD display, 16:9 widescreen aspect ratio.
- ABS thermoplastic cover.
- Keypad with 8 backlit buttons.

- Removable terminal block for connection to system.
- Electronic ringtone.
- Input for landing call with ringtone sound different from entrance panel and intercom ringtone.
- Output for additional ringtone 860A or relay 0170/101.
- Flush wall mount and desk-top installation.
- Option of choosing between hands-free communication mode, with no need to keep the talk/listen button pressed, or conventional mode, pressing and holding the talk/listen button.
- Dimensions: 193x159x18 mm + 31 mm when flush mounted.

Technical data

Inputs

power supply from Bus	28 Vdc rated voltage
absorption stand-by	10 mA
max absorption operation	350 mA
operating temperature	0 °C to +40 °C
additional power supply	with 6923

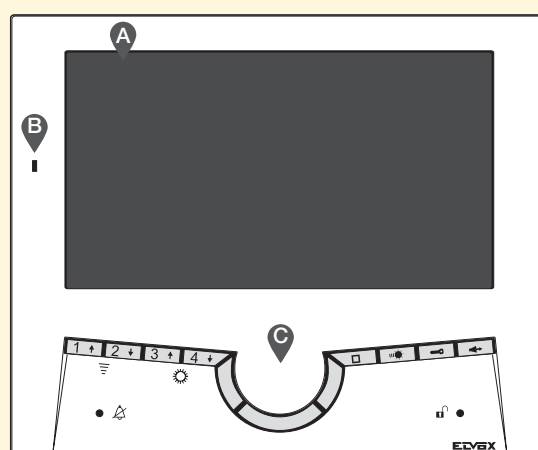
Option of using additional power supply 6923 where necessary (Bus voltage at monitor terminals 1 and 2 registering < 24 Vdc)

Keypad

1 ↑ 2 ↓	Pair of buttons: - for activation of auxiliary services. - Intercom calls. - Contrast control. - Talk/listen volume control. - Ringtone volume control.
3 ↑ 4 ↓	Pair of buttons: - for activation of auxiliary services. - Intercom calls. - Brightness control. - Selection of tune.
□	Button: - self-start. - Access control mode.
☀	Auxiliary (e.g. stair light): assigned to auxiliary service.
🔑	Lock release button
↔	Talk button: - communication with entrance panel. - Communication with other intercom devices.
🔇	Call ringtone muted indicator.
🚪	Door open indicator.

Front panel controls

- A) 7" TFT LCD colour monitor, 16:9 widescreen aspect ratio.
B) Microphone.
C) Speaker.



7200 series - Video door entry units

7200 series flush mounting video entryphones

7211	Two-channel flush mounting monitor for Due Fili Plus system with 7" TFT LCD colour screen, 8 backlit buttons, installation in box 7249, supplied with white interchangeable cover. Dimensions: 193x159x18 mm + 31 mm (flush mounting)
■ 7211/N	As above, without cover



7211
white

Cover 7200

■ 72GD	7200 cover. Polished gold chrome
■ 72SV	As above, metallic silver
Δ 72RD	As above, metallic red
Δ 72GN	As above, metallic green
Δ 72BZ	As above, metallic bronze
Δ 72BL	As above, metallic blue
■ 72BK	As above, metallic black
Δ 72WH	As above, white



■ 72GD
polished gold chrome



■ 72SV
metallic silver



Δ 72RD
metallic red



Δ 72GN
metallic green



Δ 72BZ
metallic bronze



Δ 72BL
metallic blue



■ 72BK
metallic black



Δ 72WH
white

Accessories

■ 720A	Desktop base for 7200 monitor, complete with 2 m of 12-conductor cable + 1 coaxial, equipped with a comb connector, white cable
7249	Flush mounting box for Wide Touch and 7200 monitors with protective cover. Dimensions: 189x160x52 mm
■ 720E	Surface mounting box for 7200. Dimensions: 193x160x40 mm



■ 720A
white



7249



■ 720E

5700 series - Video door entry units

5700 series flush mounting video entryphones

Two-channel hands-free video door entry unit with 3.5" LCD colour display and speaker for electronic call. Thermoplastic cover. Equipped with 8 soft touch buttons for: door lock release, self-start, auxiliary services (stair light), talk, internal voice line volume control, ringtone volume control and mute, selection of different ringtones, brightness control and configuration of terminal.

Conformity to standards

EMC Directive

Standards EN 61000-6-1, EN 61000-6-3, EN 60118-4

Main specifications

- Power supply: Due Fili Plus two-wire Bus.
- Input for additional power supply (6923), allowing simultaneous start-up of more than two internal units.
- 3.5" LCD colour display.
- ABS thermoplastic cover.
- Keypad with 4 buttons assigned fixed functions and 4 buttons with variable functions, allowing access to internal menus: settings, configuration, auxiliary functions, brightness control, volume control, microphone Off, navigation.

- On-screen indication of monitor operating status (e.g. video call, audio call, intercom call, configuration, microphone Off, door open, ringtone mute, user away).
- Electronic ringtone.
- Input for landing call with ringtone sound different from entrance panel and intercom ringtone.
- Output for additional ringtone 860A or relay 0170/101.
- Flush wall mounting with 8 module Vimar V71318 back box.
- Dimensions: 162x145.5 mm + 25.5 mm.

Technical data

Inputs

power supply from Bus	28 Vdc rated voltage
absorption stand-by	65 mA
max absorption operation	175 mA
operating temperature	0 °C to +40 °C
additional power supply	with 6923

Option of using additional power supply 6923 where necessary (Bus voltage at monitor terminals 1 and 2 registering < 24 Vdc)

Front panel controls

Indicator icons

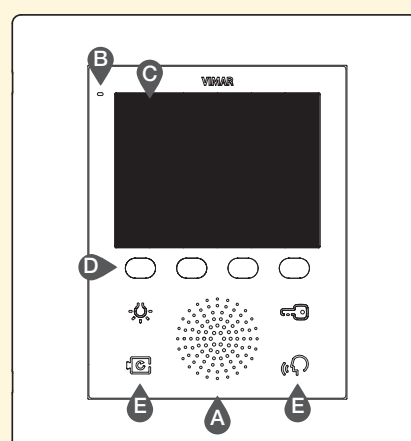
	Video call and self-start.
	Audio call.
	Intercom call.
	Function.
	Settings.
	Configurations.
	Microphone Off.
	Door open.
	Ringtone muted.
	User away.

Keypad with fixed functions

	Auxiliary (e.g. stair light): assigned to auxiliary service.
	Lock release button.
	Self-start button.
	Talk button: - communication with external unit. - Communication with other intercom devices.

Front panel controls

- A) Speaker.
B) Microphone.
C) 3.5" LCD colour screen.
D) Keypad with variable functions.
E) Keypad with fixed functions.



DUE FILI PLUS VIDEO DOOR ENTRY SYSTEMS



5700 series - Video door entry units

5700 series flush mounting video entryphones

5721	Flush mounting hands-free video entryphone for Due Fili Plus system with 3.5" screen, complete with cover plate and 8-module mounting frame, white
5721/04	As above, black
5721/D	As above, with function for hearing aid wearers, white
5721/D04	As above, with function for hearing aid wearers, black



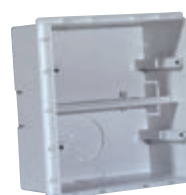
5721
5721/D
white



5721/04
5721/D04
black

Accessories

6149	Square (8-module) flush mounting box for interphones and monitors. Dimensions: 136x136x59 mm
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6149

6600 series - Video door entry units

6600 series video door entry units

Two-channel hands-free video door entry unit with TFT LCD colour display and speaker for electronic call. Thermoplastic cover. Equipped with 8 standard buttons for: door lock release, self-start, auxiliary services (stair light), talk, internal voice line volume control, ringtone volume control and mute, selection of different ringtones and brightness control.

Conformity to standards

EMC Directive

Standards EN 61000-6-1, EN 61000-6-3

Main specifications

- Power supply: Due Fili Plus two-wire Bus.
- Input for additional power supply (6923), allowing simultaneous start-up of more than two internal units.
- 3.5" LCD colour display.
- ABS thermoplastic cover.
- Keypad with 8 standard buttons.
- Removable terminal block for connection to system.

- Electronic ringtone.
- Input for landing call with ringtone sound different from entrance panel and intercom ringtone.
- Output for additional ringtone 860A or relay 0170/101.
- Installation: flush wall mount (6621), desk-top (662C), surface wall mount (6721).
- Dimensions - 6621: 141x139x10 mm + 45 mm.
- Dimensions - 662C: 141x125x125 mm.
- Dimensions - 6721: 141x139x40 mm.

Technical data

Inputs

power supply from Bus	28 Vdc rated voltage
absorption stand-by	10 mA
max absorption operation	190 mA
operating temperature	0 °C to +40 °C
additional power supply	with 6923

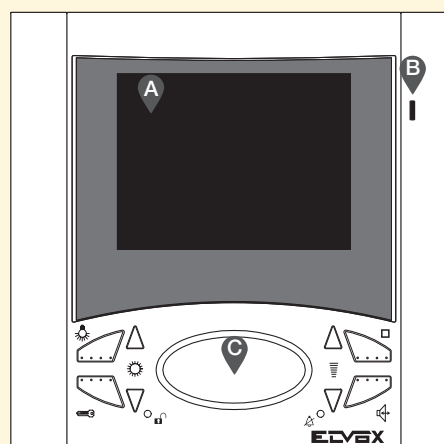
Option of using additional power supply 6923 where necessary (Bus voltage at monitor terminals 1 and 2 registering < 24 Vdc)

Keypad

	Pair of buttons: - brightness control. - Selection of tune.
	Pair of buttons: - internal voice line volume control. - Ringtone volume control. - Contrast control.
	Auxiliary (e.g. stair light): assigned to auxiliary service.
	Lock release button.
	Self-start button.
	Talk button: - communication with entrance panel. - Communication with other intercom devices.
	Door open indicator.
	Call ringtone muted indicator.

Front panel controls

- A) 3.5" LCD colour screen.
B) Microphone.
C) Speaker.



6600 series - Video door entry units

6600 series video door entry units

6621	Two-channel flush mounting video door entry unit for Due Fili Plus system with 3.5" TFT LCD colour screen, vertical tilt movement, installation in box 6149, white. Dimensions: 141x139x10 mm + 45 mm (flush mounting)
■ 6621/21	As above, anthracite
6621/37	As above, titanium
Δ 6621/40	As above, brushed steel
■ 662C	Two-channel desktop video door entry unit for Due Fili Plus system with 3.5" TFT LCD colour screen, vertical tilt movement, complete with 2 m of cable with socket and removable plug, white. Dimensions: 141x125x125 mm
6721	Two-channel surface mounting video door entry unit for Due Fili Plus system with 3.5" TFT LCD colour screen, vertical tilt movement, supplied with fixing bracket, white. Dimensions: 141x139x40 mm
■ 6721/21	As above, anthracite
6721/37	As above, titanium
Δ 6721/40	As above, brushed steel
■ 6721/FD	As above, with function for hearing aid wearers, white
■ 6721/FD21	As above, with function for hearing aid wearers, anthracite



6621
■ 662C
6721
■ 6721/FD
white



■ 6621/21
■ 6721/21
■ 6721/FD21
anthracite



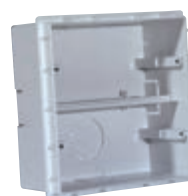
6621/37
6721/37
titanium



Δ 6621/40
Δ 6721/40
brushed steel

Accessories

6149	Square (8-module) flush mounting box for interphones and monitors. Dimensions: 136x136x59 mm
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6149

6600 series - Video door entry units

6600 series video door entry units

Two-channel hands-free video door entry unit with TFT LCD colour display and speaker for electronic call. Thermoplastic cover. Equipped with 8 standard buttons for: door lock release, self-start, auxiliary services (stair light), talk, internal voice line volume control, ringtone volume control and mute, selection of different ringtones and brightness control, and with 6 additional buttons for auxiliary services and intercom calls.

Conformity to standards

EMC Directive

Standards EN 61000-6-1, EN 61000-6-3

Main specifications

- Power supply: Due Fili Plus two-wire Bus.
- Input for additional power supply (6923), allowing simultaneous start-up of more than two internal units.
- 3.5" LCD colour display.
- ABS thermoplastic cover.
- Keypad with 8 standard buttons + 6 additional buttons for auxiliary services and intercom calls.

- Removable terminal block for connection to system.
- Electronic ringtone.
- Input for landing call with ringtone sound different from entrance panel and intercom ringtone.
- Output for additional ringtone 860A or relay 0170/101.
- Installation: flush wall mount (6611), desk-top (661C), surface wall mount (6711).
- Dimensions - 6611: 141x139x10 mm + 45 mm.
- Dimensions - 661C: 141x125x125 mm.
- Dimensions - 6711: 141x139x40 mm.

Technical data

Inputs

power supply from Bus	28 Vdc rated voltage
absorption stand-by	10 mA
max absorption operation	280 mA
operating temperature	0 °C to +40 °C
additional power supply	with 6923

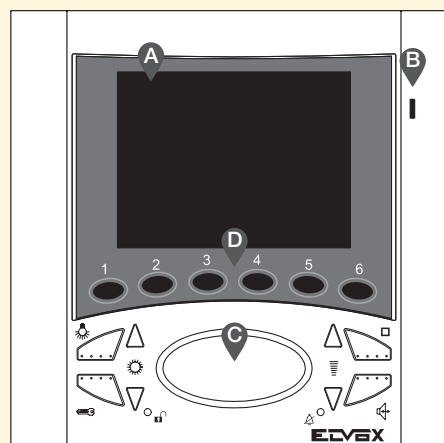
Option of using additional power supply 6923 where necessary (Bus voltage at monitor terminals 1 and 2 registering < 24 Vdc)

Keypad

	Pair of buttons: - brightness control. - Selection of tune.
	Pair of buttons: - internal voice line volume control. - Ringtone volume control. - Contrast control.
	Auxiliary (e.g. stair light): assigned to auxiliary service.
	Lock release button.
	Self-start button.
	Talk button: - communication with entrance panel. - Communication with other intercom devices.
	Door open indicator.
	Call ringtone muted indicator.
1 ... 6	Programmable buttons for activating auxiliary services or intercom calls.

Front panel controls

- A) 3.5" LCD colour screen.
- B) Microphone.
- C) Speaker.
- D) Additional buttons.



6600 series - Video door entry units

6600 series video door entry units

6611	Two-channel flush mounting video door entry unit for Due Fili Plus system with 3.5" TFT LCD colour screen, no pan-tilt movement, equipped with 6 additional programmable buttons, in addition to the 8 standard ones, for intercom calls or auxiliary services, installation in box 6149, white. Dimensions: 141x139x10 mm + 45 mm (flush mounting)
■ 6611/21	As above, anthracite
6611/37	As above, titanium
Δ 6611/40	As above, brushed steel
661C	Two-channel desktop video door entry unit for Due Fili Plus system with 3.5" TFT LCD colour screen, no pan-tilt movement, with 6 additional programmable buttons, in addition to the 8 standard ones, for intercom calls or auxiliary services, complete with 2 m of cable with socket and removable plug, white. Dimensions: 141x125x125 mm
■ 661C/21	As above, anthracite
661C/37	As above, titanium
Δ 661C/40	As above, brushed steel
6711	Two-channel surface mounting video door entry unit for Due Fili Plus system with 3.5" TFT LCD colour screen, no pan-tilt movement, equipped with 6 additional programmable buttons, in addition to the 8 standard ones, for intercom calls or auxiliary services, supplied with fixing bracket, white. Dimensions: 141x139x40 mm
■ 6711/21	As above, anthracite
6711/37	As above, titanium
Δ 6711/40	As above, brushed steel



6611
661C
6711
white



■ **6611/21**
■ **661C/21**
■ **6711/21**
anthracite



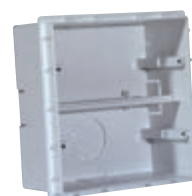
6611/37
661C/37
6711/37
titanium



Δ **6611/40**
Δ **661C/40**
Δ **6711/40**
brushed steel

Accessories

6149	Square (8-module) flush mounting box for interphones and monitors. Dimensions: 136x136x59 mm
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6149

6600 series - Interphones

6600 series interphones

Two-channel hands-free interphone with loudspeaker for electronic call; thermoplastic cover. Equipped with 8 buttons for: door lock release, self-start, auxiliary services (stair light), talk, internal voice line volume control, ringtone volume control and mute, selection of different ringtones.

Conformity to standards

EMC Directive

Standards EN 61000-6-1, EN 61000-6-3

Main specifications

- Power supply: Due Fili Plus two-wire Bus.
- ABS thermoplastic cover.
- Keypad with 8 standard buttons.
- Removable terminal block for connection to system.
- Electronic ringtone.

- Input for landing call with ringtone sound different from entrance panel and intercom ringtone.
- Output for additional ringtone 860A or relay 0170/101.
- Installation: flush wall mount (6601/AU), desk-top (660C/AU), surface wall mount (6701/AU).
- Dimensions - 6601/AU: 141x139x10 mm + 45 mm.
- Dimensions - 660C/AU: 141x125x125 mm.
- Dimensions - 6701/AU: 141x139x40 mm

Technical data

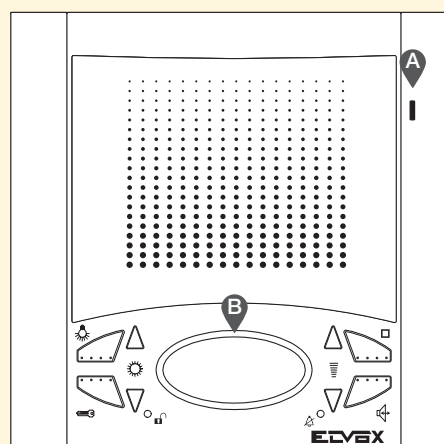
Inputs	
power supply from Bus	28 Vdc rated voltage
absorption stand-by	10 mA
max absorption operation	100 mA
operating temperature	0 °C to +40 °C

Keypad

	Pair of buttons: - selection of tune.
	Pair of buttons: - internal voice line volume control. - Ringtone volume control.
	Auxiliary (e.g. stair light): assigned to auxiliary service.
	Lock release button.
	Self-start button.
	Talk button: - communication with entrance panel. - Communication with other intercom devices.
	Door open indicator.
	Call ringtone muted indicator.

Front panel controls

- A) Microphone.
B) Speaker.



6600 series - Interphones

6600 series interphones

6601/AU	Two-channel flush mounting hands-free interphone for Due Fili Plus system, installation in box 6149, white. Dimensions: 141x139x10 mm + 45 mm (flush mounting)
■ 6601/AU.37	As above, titanium
Δ 6601/AU.40	As above, brushed steel
■ 660C/AU	Two-channel desktop hands-free interphone for Due Fili Plus system, white. Dimensions: 141x125x125 mm
■ 660C/AU.37	As above, titanium
Δ 660C/AU.40	As above, brushed steel
6701/AU	Two-channel surface mounting hands-free interphone for Due Fili Plus system, supplied with fixing bracket, white. Dimensions: 141x139x40 mm
■ 6701/AU.37	As above, titanium
Δ 6701/AU.40	As above, brushed steel



■ 6601/AU
 ■ 660C/AU
 6701/AU
 white



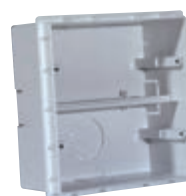
■ 6601/AU.37
 ■ 660C/AU.37
 ■ 6701/AU.37
 titanium



Δ 6601/AU.40
 Δ 660C/AU.40
 Δ 6701/AU.40
 brushed steel

Accessories

6149	Square (8-module) flush mounting box for interphones and monitors. Dimensions: 136x136x59 mm
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6149

6600 series - Interphones

6600 series interphones

Two-channel hands-free interphone with loudspeaker for electronic call; thermoplastic cover. Equipped with 8 standard buttons for: door lock release, self-start, auxiliary services (stair light), talk, internal voice line volume control, ringtone volume control and mute, and selection of different ringtones, and with 6 additional buttons for auxiliary services and intercom calls.

Conformity to standards

EMC Directive

Standards EN 61000-6-1, EN 61000-6-3

Main specifications

- Power supply: Due Fili Plus two-wire Bus.
- ABS thermoplastic cover.
- Keypad with 8 standard buttons + 6 additional buttons for auxiliary services and intercom calls.
- Removable terminal block for connection to system.

- Electronic ringtone.
- Input for landing call with ringtone sound different from entrance panel and intercom ringtone.
- Output for additional ringtone 860A or relay 0170/101.
- Installation: flush wall mount (6611/AU), desk-top (661C/AU), surface wall mount (6711/AU).
- Dimensions - 6611/AU: 141x139x10 mm + 45 mm.
- Dimensions - 661C/AU: 141x125x125 mm.
- Dimensions - 6711/AU: 141x139x40 mm.

Technical data

Inputs

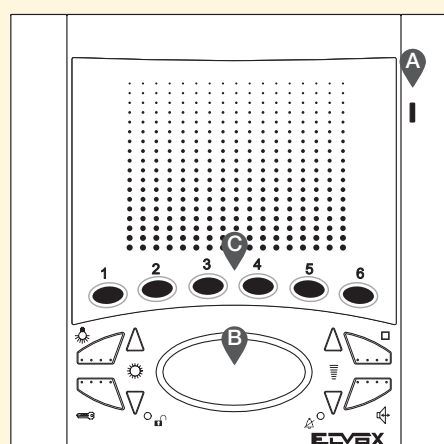
power supply from Bus	28 Vdc rated voltage
absorption stand-by	10 mA
max absorption operation	100 mA
operating temperature	0 °C to +40 °C

Keypad

	Pair of buttons: - selection of tune.
	Pair of buttons: - internal voice line volume control. - Ringtone volume control.
	Auxiliary (e.g. stair light): assigned to auxiliary service.
	Lock release button.
	Self-start button.
	Talk button: - communication with entrance panel. - Communication with other intercom devices.
	Door open indicator.
	Call ringtone muted indicator.
1 ... 6	Programmable buttons for activating auxiliary services or intercom calls.

Front panel controls

- A) Microphone.
B) Speaker.
C) Additional buttons.



6600 series - Interphones

6600 series interphones

6611/AU	Two-channel flush mounting hands-free interphone for Due Fili Plus system, equipped with 6 additional programmable buttons, in addition to the 8 standard ones, for intercom calls or auxiliary services, installation in box 6149, white. Dimensions: 141x139x10 mm + 45 mm (flush mounting)
■ 6611/AU.37	As above, titanium
Δ 6611/AU.40	As above, brushed steel
■ 661C/AU	Two-channel desktop hands-free interphone for Due Fili Plus system, equipped with 6 additional programmable buttons, in addition to the 8 standard ones, for intercom calls or auxiliary services, white. Dimensions:141x125x125 mm
6711/AU	Two-channel surface mounting hands-free interphone for Due Fili Plus system, equipped with 6 additional programmable buttons, in addition to the 8 standard ones, for intercom calls or auxiliary services, supplied with fixing bracket, white. Dimensions: 141x139x40 mm
■ 6711/AU.37	As above, titanium
Δ 6711/AU.40	As above, brushed steel



6611/AU
■ 661C/AU
6711/AU
white



■ 6611/AU.37
■ 6711/AU.37
titanium

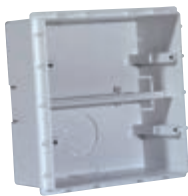


Δ 6611/AU.40
Δ 6711/AU.40
brushed steel

VIDEO AND AUDIO
DOOR ENTRY UNITS

Accessories

6149	Square (8-module) flush mounting box for interphones and monitors. Dimensions: 136x136x59 mm
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6149

Petrarca series - Video and audio door entry units

Petrarca series surface mounting monitors

Monitor complete with connector for quick wiring to interphone 6209 or telephone 3562. Thermoplastic cover. Surface mounting or desk-top installation requires use of the relative fixing brackets or conversion kits.

Conformity to standards

EMC Directive

Standards EN 61000-6-1, EN 61000-6-3

Technical specifications

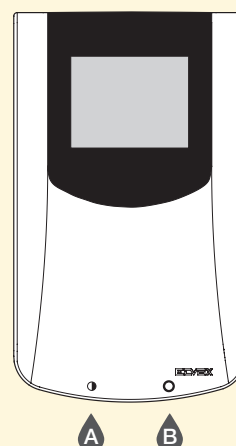
- Power supply: Due Fili Plus two-wire Bus.
- 3.5" LCD B/W display (6029), 3.5" colour display (6209/C).
- ABS thermoplastic cover.
- Designed for use in combination with Petrarca door entry phone or telephone. Installation: surface mounting with metal back plate either directly to the wall or to a recessed back box (can be fixed with masonry plugs, or screwed to a 3-module rectangular back box), or as desk-top device, with special conversion kit.
- Dimensions surface mounting, monitor only: 135x226x45 mm.
- Dimensions surface mounting, monitor+interphone: 223x226x65 mm.
- Dimensions surface mounting, monitor+telephone: 223x226x65 mm.
- Dimensions on desk-top, monitor only: 135x80x200 mm.
- Dimensions on desk-top, monitor+interphone: 223x235x200 mm.
- Dimensions on desk-top, monitor+telephone: 223x235x200 mm

Technical data (monitor+interphone)

Inputs	
power supply from Bus	28 Vdc rated voltage
absorption stand-by	5 mA
max absorption operation	200 mA
operating temperature	0 °C to +40 °C

Controls

- A) Contrast control for 6029 and colour control for 6029/C
- B) Brightness control



Petrarca series surface mounting interphones

Surface mounting interphone, speaker for electronic calls and screws for fixing to rectangular back box, or directly to wall with masonry plugs. Thermoplastic housing. Desk-top version requires use of the conversion kit. Equipped with 3 buttons, and designed to insert a further 6 buttons or accessories.

Conformity to standards

EMC Directive

Standards EN 61000-6-1, EN 61000-6-3

Technical specifications

- Power supply: Due Fili Plus two-wire Bus.
- Input for additional power supply (6923), allowing simultaneous start-up of more than two internal units in combination with monitor (video door entry system configuration).
- ABS thermoplastic housing.
- 3 buttons for audio/video door entry functions.
- Prewired to allow addition of six further buttons arranged in 3 pairs (692P, 692P/M, 692P/R), for intercom calls or auxiliary services.
- Electronic ringtone: with diversification among entrance panel calls, intercom calls and landing calls.
- Internal ringtone control, 2 levels of pitch.
- Prewired to allow the addition of module 6153/682, allowing control of ringtone volume at 3 levels of pitch, ringtone mute with luminous indicator, and door open luminous indicator.

- Input for landing call.
- Output for additional ringtone 860A or relay 0170/101.
- Designed for surface mounting with metal back plate, either fixed directly to the wall with masonry plugs or screwed to a recessed 3-module rectangular back box, or for use as a desk-top device, with special conversion kit.
- To be combined with Petrarca monitor 6029 or 6029/C using metal back plate for wall fixing or conversion kit for desk-top version.
- Dimensions of interphone with handset hung up: 89x226x65 mm.

Technical data

Inputs	
power supply from Bus	28 Vdc rated voltage
absorption stand-by	10 mA
max absorption operation	65 mA
operating temperature	0 °C to +40 °C
additional power supply	with 6923

Option of using additional power supply 6923 for added monitor, where necessary (Bus voltage at monitor terminals 1 and 2 registering < 24 Vdc)

DUE FILI PLUS VIDEO DOOR ENTRY SYSTEMS



Petrarca series - Video and audio door entry units

Petrarca series surface mounting monitors

6029/C	Colour monitor with 3.5" screen, white
■ 6029/C21	As above, anthracite
6029/C37	As above, titanium
6029	Black and white monitor with 3.5" screen, white
6029/21	As above, anthracite
6029/37	As above, titanium

Accessories: see from page 90



6029/C
6029
white



■ 6029/C21
6029/21
anthracite



6029/C37
6029/37
titanium

VIDEO AND AUDIO
DOOR ENTRY UNITS

Petrarca series surface mounting interphones

6209	Surface mounting interphone for Due Fili Plus system with 3 buttons for lock release, auto-activation/auto-enabling and auxiliary service (stair light) functions, designed for the addition of a further 6 buttons and accessories for auxiliary services and intercom calls, white
■ 6209/21	As above, anthracite
■ 6209/37	As above, titanium
■ 6209/153	As above, with switching module 6153/682
Δ 6209/1N	As above, with black buttons

Accessories: see from page 90



6209
■ 6209/153
white



Δ 6209/1N
white with
black buttons



■ 6209/21
anthracite



■ 6209/37
titanium

Petrarca series - Telephones

Petrarca series surface mounting telephones

Petrarca series telephone for surface mounting or desktop use. Equipped with 3 dedicated keys, for door lock release and auxiliary functions.

For use mainly with telephone switchboards 35P4, 35P8, 35P8/2F, 35P4/EG, 35P8/EG, 35P8/2EG in Due Fili Plus two-wire systems, and in conjunction with monitor 6029, 6029/C.

Conformity to standards

EMC Directive

Standards EN 61000-6-1, EN 61000-6-3

Main specifications

- Power supply from public telephone line.
- Compatible with Telecom Italia lines or PABX exchanges.
- ABS thermoplastic housing.
- Keyboard with 12 buttons (0, 1 ... 9 *, #), for selection of telephone numbers.

- RP key for repetition of last number dialled.
- R key (Flash), for activation of auxiliary services.
- 3 dedicated buttons for audio/video door entry functions (lock release and 2 auxiliary services).
- Telephone configuration button.
- Programmable ringtone volume.
- Programmable ringtone tune.
- Designed for surface mounting, either fixed directly to the wall with masonry plugs or screwed to a 3-module flush mounting box, or for use as a desktop device, with base.
- To be combined with Petraca monitor 6029 or 6029/C using metal back plate for wall fixing or base for desk-top version.
- Dimensions of telephone with handset hung up: 89x226x65 mm.

Petrarca series - Telephones

Petrarca series surface mounting telephones

Δ 3562	Multifunctional telephone which can be coupled with Petrarca monitors, surface mounting or desktop version with base 6141, white
Δ 3562/21	As above, anthracite
Δ 3562/37	As above, titanium



Δ 3562
white



Δ 3562/21
anthracite

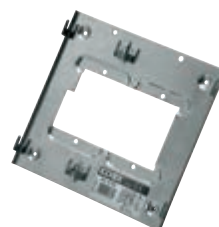


Δ 3562/37
titanium

Petrarca series - Accessories

Surface mounting bracket for monitors, interphones and telephones

6145	Surface mounting bracket for combined interphones (6209) and monitors (6029-6029/C)
Δ 6145/2T	Wall fixing bracket for combined 3562 telephones and 6029, 6029/C monitors, for use with telephone switchboards, including non-Elvox models, and interface 3532
Δ 6145/2F	Wall fixing bracket for combined 3562 telephones and 6029, 6029/C monitors, exclusively for use with Elvox telephone switchboards, already equipped with the Due Fili Plus interface, or switchboards with the addition of card 35PF



6145

Desk-top bases for monitors, interphones and telephones

6142	Desktop base for interphone and monitor, complete with 2 m of 13-conductor cable + 1 coaxial cable with socket and removable plug, white
■ 6142/21	As above, anthracite
Δ 6142/37	As above, titanium
Δ 6142/2T	Desktop base for telephone and monitor, complete with 2 m of 12-conductor cable + 1 coaxial cable with socket and removable plug. For use with telephone switchboards, including non-Elvox models, and interface 3532
Δ 6142/2F	Desktop base for telephone and monitor, complete with 2 m of 12-conductor cable + 1 coaxial cable with socket and removable plug. Exclusively for use with Elvox telephone switchboards, already equipped with the Due Fili Plus interface, or with Elvox switchboards with the addition of card 35PF
■ 6A92	Desktop base for monitor 6029 or 6029/C, complete with 2 m of cable, socket and removable plug, white
■ 6A92/04	As above, black



6142
white

Power supply

692T	Additional power supply unit for Due Fili Plus video door entry system, for fitting in desktop bases 6142 and 6A42, used when several monitors are connected in parallel with simultaneous activation or on very long connection lines with excessive voltage drops, power supply 230 V~, supplied with power supply cable, white
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692T

Petrarca series - Accessories

Desk-top bases for interphones

6140	Desktop base for interphone with 2 m of 6-conductor cable and fitted with a fixed terminal block, white
■ 6140/21	As above, anthracite
■ 6140/37	As above, titanium
6A40	Desktop base for interphones, with 2 m of 16-conductor cable with socket and removable plug, white
■ 6A40/21	As above, anthracite
6A40/37	As above, titanium



6140
white



6A40
white

Desk-top bases for telephones

Δ 6141	Desktop base for telephone with 2.40 m of cable fitted with telephone plug, white
Δ 6141/21	As above, anthracite
Δ 6141/37	As above, titanium



Δ **6141**
white

Accessories for interphones

■ 6152	Pack of 8 additional N.O. buttons for fitting to Petrarca 6200, 6201, 6204 and 6209 interphones
692P	Pair of buttons for activating additional functions and for intercom calls, for use with interphone 6209
■ 692P/M	Pair of N.O. buttons with terminals for activating external devices, for use with interphone 6209
692P/R	Pair of buttons with terminals for activating additional functions from exterior, for automatic door opening, for use with interphone 6209
Δ 615N	Strip of buttons for Petrarca interphones 6209, anthracite



■ **6152**



692P



■ **692P/M**



Δ **615N**
anthracite

Switching module for interphones

■ 6153/682	4-position switching module for Petrarca interphones with Due Fili Plus technology, for setting the call volume to one of three levels and disabling the acoustic call signal. The latter status is indicated by means of a red LED, while a green LED indicates that the door is open
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■ **6153/682**

Giotto series - Video door entry units

Giotto series surface mounting video entryphones

Giotto 6300 surface mounting monitor with handset. Thermoplastic housing. Supplied with fixing bracket and terminal block, speaker for electronic calls and three buttons (door release, self-start and auxiliary functions). Desk-top installation requires use of the conversion kit.

Conformity to standards

EMC Directive

Standards EN 61000-6-1, EN 61000-6-3

Technical specifications

- Power supply: Due Fili Plus two-wire Bus.
- Input for additional power supply (6923), allowing simultaneous start-up of more than two internal units.
- 3.5" TFT LCD B/W display (6329), 3.5" TFT LCD colour display (6329/C)
- ABS thermoplastic cover.
- 3 buttons for video door entry functions.

- Electronic ringtone: with diversification among entrance panel calls, intercom calls and landing calls.
- Input for landing call.
- Output for additional ringtone 860A or relay 0170/101.
- Designed for surface mounting with metal back plate either directly to the wall with masonry plugs or screwed to a 3-module flush mounting box.
- Dimensions of video door entry unit with handset hung up: 204x220x71 mm.

Technical data

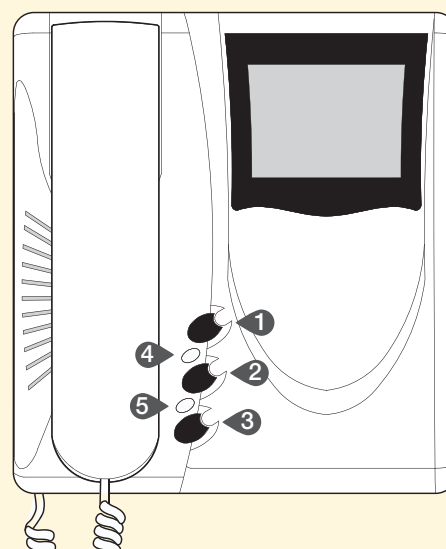
Inputs	
power supply from Bus	28 Vdc rated voltage
absorption stand-by	10 mA
max absorption operation	200 mA
operating temperature	0 °C to +40 °C
additional power supply	with 6923

Option of using additional power supply 6923 where necessary (Bus voltage at monitor terminals 1 and 2 registering < 24 Vdc)

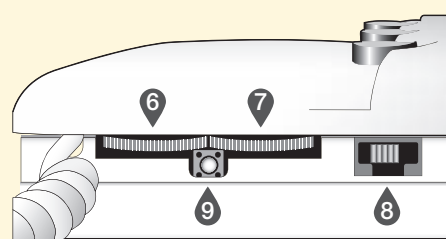
Front panel controls

1)		Lock release button.
2)		Auxiliary (e.g. stair light): assigned to 1° auxiliary service. Pressing and holding and simultaneously activates the 2° auxiliary service.
3)		Self-start button.
4)		Call ringtone muted indicator.
5)		Door open indicator.
6)		Contrast control for 6329 and colour control for 6329/C.
7)		Brightness Control.
8)		Volume control and ringtone mute.
9)		Programming RESET button.

Front panel controls



Bottom edge controls



Giotto series - Video door entry units

Giotto series surface mounting video entryphones

6329	Surface mounting video entryphone for Due Fili Plus system with 3.5" black and white screen, with three buttons for door opening, auto-activation and auxiliary functions, complete with fixing bracket with terminal block, white
■ 6329/21	As above, anthracite
6329/37	As above, titanium
■ 6329/S	As above, without fixing bracket
6329/C	As above, with colour screen, white
6329/C37	As above, with colour screen, titanium
■ 6329/CD	As above, with colour screen and function for hearing aid wearers, white
■ 6329/B10	Kit with 10 x 6329 Giotto monitor



6329
■ **6329/S**
6329/C
■ **6329/CD**
white



■ **6329/21**
anthracite



6329/37
6329/C37
titanium

Accessories

661A	Desktop base for monitor, with 2 m of 13-conductor cable + 1 coaxial cable with socket and removable plug, white
■ 661A/21	As above, anthracite
■ 661A/37	As above, titanium
■ 661F	Desktop base for monitor with built-in power supply unit used when several monitors are connected in parallel with simultaneous activation or on very long connection lines with excessive voltage drops, power supply 230 V~, supplied with 2 m of 13-conductor cable + 1 coaxial with socket and removable plug, white
■ 661F/37	As above, titanium



661A
white

6900 and 8870 series - Interphones

8870 series surface mounting interphones

Surface mounting interphone, equipped with two buttons and loudspeaker for electronic calls. Thermoplastic housing.

Conformity to standards

EMC Directive

Standards EN 61000-6-1, EN 61000-6-3

Main specifications

- Power supply: Due Fili Plus two-wire Bus.
- ABS thermoplastic housing.
- 2 buttons, for lock release and one auxiliary function.
- Electronic ringtone.
- Input for landing call with ringtone sound different from entrance panel and intercom ringtone.
- Output for additional ringtone 860A or relay 0170/101.
- Designed for surface wall mounting, either fixed with masonry plugs or screwed to a 3-module rectangular back box.
- Dimensions: 75x220x60 mm

Technical data

Inputs

power supply from Bus	28 Vdc rated voltage
absorption stand-by	10 mA
max absorption operation	65 mA
operating temperature	0 °C to +40 °C

6900 series surface mounting interphones

Surface mounting two-channel hands-free interphone. Audio door entry system with hands-free mode. Equipped with 4 buttons dedicated to the main audio and video door entry functions: door lock release, self-start, auxiliary services (stair light), talk. Other functions available include internal voice line volume control, ringtone volume control and mute, with activation of "privacy" function and selection of different ringtones. Facility of selecting different ringtones for calls made from different points, e.g.: external entrance panel, landing call, intercom call. With the ringtone muted, a red Led will indicate up to 4 unanswered calls by producing a sequence of blinks.

Conformity to standards

EMC Directive

Standards EN 61000-6-1, EN 61000-6-3

Main specifications

- Power supply: Due Fili Plus two-wire Bus.
- ABS thermoplastic housing.
- Keypad with 4 standard buttons + 6 additional buttons for auxiliary services and intercom calls.
- Electronic ringtone.
- Input for landing call with ringtone sound different from entrance panel and intercom ringtone.
- Luminous indicator – call ringtone muted.
- Luminous indicator – door open.
- Output for additional ringtone 860A or relay 0170/101.
- Designed for surface wall mounting, either fixed with masonry plugs or screwed to a 3-module rectangular back box or to round back boxes.
- Dimensions: 102x142x23 mm

Technical data

Inputs

power supply from Bus	28 Vdc rated voltage
absorption stand-by	10 mA
max absorption operation	110 mA (6901), 130 mA (6901/D)
operating temperature	0 °C to +40 °C

DUE FILI PLUS VIDEO DOOR ENTRY SYSTEMS



6900 and 8870 series - Interphones

8870 series surface mounting interphones

8879	Surface mounting interphone for Due Fili Plus system with 2 buttons for lock release and auxiliary service (stair light) functions, white
■ 8879/21	As above, anthracite
8879/37	As above, titanium



8879
white



■ 8879/21
anthracite



8879/37
titanium

VIDEO AND AUDIO
DOOR ENTRY UNITS

6900 series surface mounting interphones

6901	Two-channel surface mounting interphone for Due Fili Plus system, with 4 buttons + 6 additional buttons for intercom calls and auxiliary functions, white
■ 6901/D	As above, prewired for hearing aid function, white



6901
■ 6901/D
white

Porter switchboard

Porter switchboard

Porter switchboard for Due Fili Plus systems. Controls calls coming from main entrance panels, interphones and monitors. Can be used to call internal units and connect them (intercom function). With 7" 16:9 LCD colour display with internal contacts list. Auxiliary services can be enabled from the switchboard, with the possibility to programme related zones to manage internal units. The Due Fili Plus system contains up to 128 porter switchboards and up to a maximum of 16 main switchboards in the horizontal bus.

Main specifications

- Dedicated power supply with additional power supply.
- Mini-USB for configuration and firmware updating
- Internal-External operating mode.
- ABS thermoplastic casing.
- 7" 16:9 LCD colour display, resolution 800 x 480 pixel, 16 M colours.

- Handset for communications with entrance panels and interphones/monitors.
- Open voice function.
- Possibility to use with earphones or other external audio units.
- Keyboard for making calls, managing functions and configuring the switchboard (communication parameters, internal contacts list, list of missed calls and alarms).
- Control of external door locks, stair lights and system relays.
- Call diversions according to programmed time bands.
- The CCTV cameras can be set for surveillance cycles
- Bus cable connection on the rear of the appliance.
- Operating temperature 0 to +40 °C.
- Desktop installation.
- Maximum size: 240x240x150 mm.

6923, 6923/117 and 6923/240 - Additional power supply 28 Vdc 15 VA

The additional supply is intended for use in conjunction with main supply 6922.1 — in Due Fili Plus two-wire systems — to power electronic entrance panels, porter switchboard and video internal units.

The second power supply is required when several video entrance panels are fitted and/or when multiple video internal units are self-started simultaneously by a single call; the power supply can serve a single specific device, entrance panel or video internal unit, or porter switchboard.

Conformity to standards

LV Directive, EMC Directive

Standards EN 60065, EN 61000-6-1, EN 61000-6-3

Main technical specifications

- Output voltage with PTC protection for auxiliary services.
- PTC protection in primary winding against short-circuits and thermal instability.
- Housing made of engineering polymer class V0 UL-94, DIN rail mountable enclosure, 4 x 17.5 mm module.
- Maximum overall dimensions: 70x115x65 mm.

Technical data	6923	6923/117	6923/240
Inputs			
operating voltage	230 Vac	117 Vac	240 Vac
rated current	65.2 mA	140 mA	65.2 mA
operating temperature	+5 °C to +35 °C	+5 °C to +35 °C	+5 °C to +35 °C
operating frequency	50/60 Hz	50/60 Hz	50/60 Hz
Outputs			
	-/+U, -/+I	-/+U, -/+I	-/+U, -/+I
rated voltage	26 Vdc	26 Vdc	26 Vdc
rated current	0.5 A	0.5 A	0.5 A

Porter switchboard

Porter switchboard

▲ 40510	Porter switchboard for Due Fili Plus system with keyboard and 7" LCD colour display, electronic contacts list, call and alarms displayed with panic button, management of indoor units with programmable time bands, management of related zones
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▲ 40510

Accessories for porter switchboard - DIN rail mounting devices (60715 TH35)

6923	Additional power supply unit for Due Fili system video door entry system with 28 Vdc output, power supply 230 V~ 50 Hz 15 VA, installation on DIN rail (60715 TH35), occupies 4 modules size 17.5 mm
6923/117	As above, power supply 117 V~
■ 6923/240	As above, power supply 240 V~



6923
6923/117
■ 6923/240

Porter switchboard

Porter switchboard - up to 200 internal units

Porter switchboard for apartment block systems. Controls calls coming from main entrance panels and from audio/video door entry units. Can be used to call internal units and connect them (intercom function). Equipped with alphanumeric display, electronic index and an internal clock for management of appointments and events. Auxiliary services and advanced programming of audio and video door entry units can be activated from the switchboard. With a telephone interface 69TF connected to the switchboard, calls can be diverted to a different number during night hours.

Conformity to standards

EMC Directive

Main specifications

- Dedicated power supply provided by 6923.
- Internal-External operating mode.
- ABS thermoplastic housing.
- Alphanumeric LCD display showing communication messages to and from the system.
- Handset for communications with entrance panels and audio/video internal units.
- Keypad for making calls, managing functions and configuring the switchboard (communication parameters, alphanumeric directory, clock and alarms).
- 2 metres of cable with socket and removable plug.
- Option of connecting an additional monitor (6029 or 6029/C), for calls from main entrance panels.
- Option of connecting and controlling 3 relays (0170/001) from the switchboard, for dedicated lock or auxiliary services.
- Operating temperature 0 to +40 °C.
- Desk-top installation.
- Dimensions: 310x120x235 mm

69TF - Telephone interface for porter switchboard

Interface allowing remotization of porter switchboard keypad and communications to a different number or cordless handset during night hours.

Conformity to standards

LV Directive, EMC Directive

Standards EN 60065, EN 61000-6-1, EN 61000-6-3

Main technical specifications

- Supply voltage 230 V 50 Hz 15V A.
- Telephone or cordless with tone dial (MF)
- ABS housing on DIN rail mountable enclosure, 8 x 17.5 mm module.
- Maximum overall dimensions 140x115x65 mm.

6923, 6923/117 and 6923/240 - Additional power supply 28 Vdc 15 VA

The additional supply is intended for use in conjunction with main supply 6922.1 — in Due Fili Plus two-wire systems — to power electronic entrance panels, porter switchboard and video internal units.

The second power supply is required when several video entrance panels are fitted and/or when multiple video internal units are self-started simultaneously by a single call; the power supply can serve a single specific device, entrance panel or video internal unit, or porter switchboard.

Conformity to standards

LV Directive, EMC Directive

Standards EN 60065, EN 61000-6-1, EN 61000-6-3

Main technical specifications

- Output voltage with PTC protection for auxiliary services.
- PTC protection in primary winding against short-circuits and thermal instability.
- Housing made of engineering polymer class V0 UL-94, DIN rail mountable enclosure, 4 x 17.5 mm module.
- Maximum overall dimensions: 70x115x65 mm.

Technical data	6923	6923/117	6923/240
Inputs			
operating voltage	230 Vac	117 Vac	240 Vac
rated current	65.2 mA	140 mA	65.2 mA
operating temperature	+5 °C to +35 °C	+5 °C to +35 °C	+5 °C to +35 °C
operating frequency	50/60 Hz	50/60 Hz	50/60 Hz
Outputs			
	-/+U, -/+I	-/+U, -/+I	-/+U, -/+I
rated voltage	26 Vdc	26 Vdc	26 Vdc
rated current	0.5 A	0.5 A	0.5 A

Porter switchboard

Porter switchboard - up to 200 internal units

945F	Internal-external switching switchboard for Due Fili system with keypads and alphanumeric display and electronic directory. The switchboard can be combined with a 6029 or 6029/C monitor with desktop base 6A92 and a telephone interface 69TF. Desktop version, with 2 of cable, socket and removable plug. Requires dedicated power supply unit, black. Dimensions: 310x120x235 mm
945F.DE	As above, with instructions in German
945F.EN	As above, with instructions in English
945F.FR	As above, with instructions in French
■ 945F/T	As above, with interface for connection of dedicated camera
945F/T.EN	As above, with interface for connection of dedicated camera instructions in English



945F
 945F.DE
 945F.EN
 945F.FR
 ■ 945F/T
 945F/T.EN
 black

Accessories for porter switchboard - DIN rail mounting devices (60715 TH35)

■ 69TF	Telephone interface for Due Fili system, for diverting switchboard calls to a telephone as a night hours service
6923	Additional power supply unit for Due Fili system video door entry system with 28 Vdc output, power supply 230 V~ 50 Hz 15 VA, installation on DIN rail (60715 TH35), occupies 4 modules size 17.5 mm
6923/117	As above, power supply 117 V~
■ 6923/240	As above, power supply 240 V~



■ 69TF



6923
 6923/117
 ■ 6923/240

DUE FILI PLUS VIDEO DOOR ENTRY SYSTEMS



Pixel series - General characteristics



Audio or audio/video module: up to 4 buttons in a single module.

It is the heart of the panel, and comes with 4 push buttons in two rows. When installed with the push button, with display or alphanumeric keypad expansion modules, it is capable of satisfying all installation requirements.



Perfect vision every time and clear indications.

The audio/video module camera lighting is adjusted according to how bright the surrounding environment is; furthermore, the call status is displayed by means of light-up symbols or speech synthesis.

Back-lit LED buttons.

The LED lighting, which self-adjusts according to the ambient brightness, makes buttons and name plates perfectly visible even in poor outdoor lighting conditions.

Pixel series - General characteristics

Modularity.

Pixel allows you to set up different and customised combinations. Starting from 1, 2 or 3 vertical modules, you can create up to 3 rows horizontally, in a composition of 9 modules.

From 1 to 84 buttons, for every installation need.

The audio or audio/video module comprising four buttons in two rows, is a small sized unit with huge composition potential. Starting from this module, you can expand your entrance panel up to a maximum of **84 buttons**, satisfying even the greatest installation needs.



from 1 to 3 modules.



Frame with hinges, for optimum freedom of movement.

With the special module configuration, each unit is supported by the metal frame with vertical hinges, leaving the hands free to work.



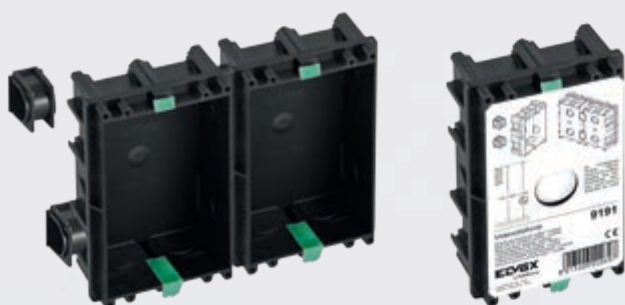
Internal eaves against water infiltrations.

The frame has two internal eaves to protect the entrance panel further from any water infiltration.

The front one protects the gap between the electronic unit and the cover plate. The rear one, with a small incorporated gutter, allows any infiltrations to run off to the side, thus also protecting the rear of the electronic unit.

Reinforced antimortar boxes as standard.

The flush mounting boxes have reinforced sides to prevent bending and a cardboard antimortar cover for protection during installation. Plus, a spacer from the inner airtight vacuum allows the installation of boxes in banks and the routing of cables from one box to another.



Flush or surface mounting. It's up to you.

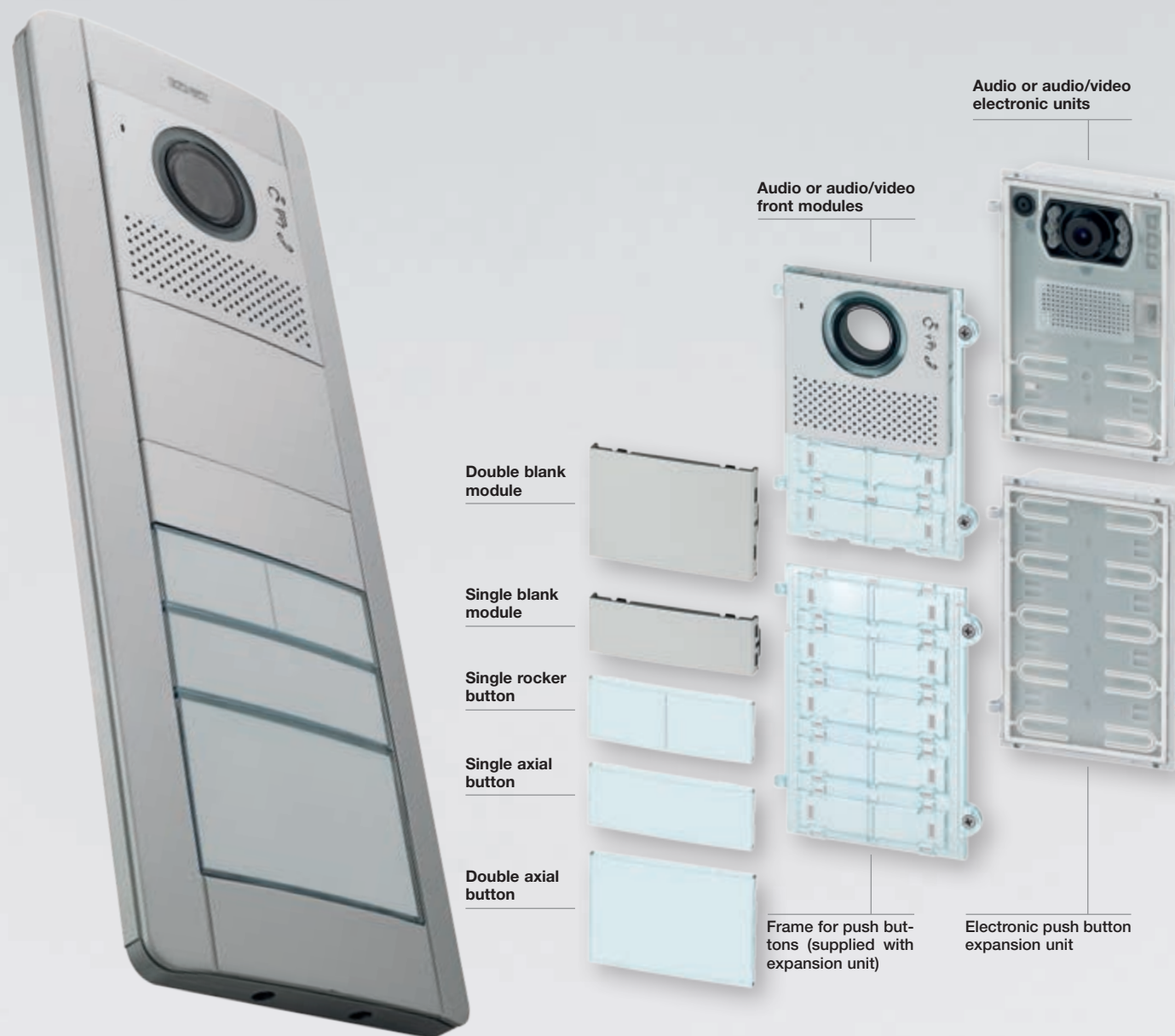
Pixel entrance panels can be installed either flush or surface mounting, in both cases guaranteeing great aesthetic performance. For flush mounting, the accessories include an elegant rainproof cover, supplied as standard with surface mounting boxes.



Pixel series - General characteristics

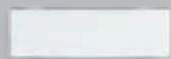
Call solutions.

Pixel is a dynamic and versatile solution because it offers panel customisation to suit all requirements. In fact, thanks to the push button expansion module, it is possible to achieve up to 84 calls in two rows and 6400 with the 3.5" LCD and alphanumeric keypad modules. The table opposite shows the various combinations for modules, button types, and number of calls.



Button module and blank module types.

Depending on the panel configuration, the electronic push button expansion unit can be completed with single axial, single rocker and double axial buttons for call management. Alternatively, unused buttons can be covered using single or double blank modules in the same colour as the panel. All push buttons and blank modules offer easy click-fit installation and removal.



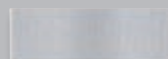
41110
Single axial
button



41111
Single rocker
button



41112
Double axial
button



41113.xx
Single blank
module



41114.xx
Double blank
module

Pixel series - General characteristics

Call solutions

Button key

Single axial button (41110)		Single rocker button in 2 rows (41111)		Double axial button (41112)	
--------------------------------	--	---	--	--------------------------------	--

1-module entrance panel

Number of possible calls	Up to 1	Up to 3	Up to 5
	Up to 2	Up to 7	Up to 12
	Up to 4	Up to 14	Up to 24

2-module entrance panel

Number of possible calls	Up to 3	Up to 7	Up to 11
	Up to 7	Up to 17	Up to 27
	Up to 14	Up to 34	Up to 54

3-module entrance panel

Number of possible calls	Up to 5	Up to 11	Up to 17
	Up to 12	Up to 27	Up to 42
	Up to 24	Up to 54	Up to 84

Pixel series - Installation features

Flush mounting boxes

The boxes have reinforced side walls to prevent bending during installation as well as fixing points for extra hold on the wall. Supplied as standard with antimortar cover and protective green adhesive strip for protection during installation.

Rainproof cover

For mounting boxes, available from 1 to 9 modules (3x3).

Electronic units

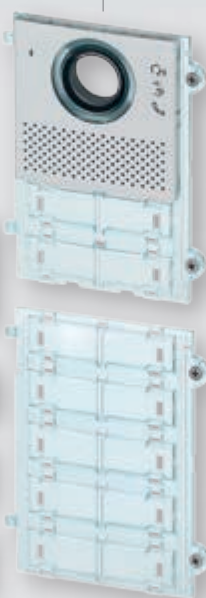
Audio, audio/video electronic units, with standard or with wide-angle lens, with or without teleloop. With vertical hinges for each insertion and fixing to the frame.

Front modules

For audio, audio/video electronic units, display and alphanumeric keyboard. With no-lose steel screws for fixing the electronic unit firmly to the frame. Available in grey, slate grey and white.

Blank or front dummy module

Single or double blank module for covering 1 or 2 button or front dummy module for covering the whole electronic unit.



Fixing nut

Steel nut incorporated in the box for quick fixing to the mounting frame.

Button modules

Single or double axial button, rocker button or alphanumeric keyboard to be combined respectively with the electronic units with buttons or keyboard.

Electronic expansion units

Unit for combination with audio or audio/video electronic units, for expanding call buttons, adding a 3.5" LCD colour display with contacts list, an alphanumeric keyboard or a house number or name card plate.

Mounting frame

The die-cast metal mounting frame has hinges for inserting and fixing the fronts and electronic units comprising the entrance panel. Also fitted with two eaves (one front and one rear) to protect the entrance panel from water infiltration.

Cover plate

IK08 anodized aluminium cover plate, 1 to 3 modules in 4 different finishes: grey, slate grey, white, and anodized grey. Supplied with frame to complete the entrance panel with the electronic units.

Electronic unit connection cable






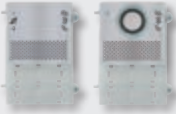







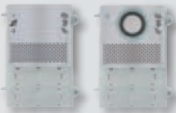








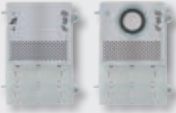



Every electronic expansion unit has a cable for connecting the audio or audio/video modules to the expansion modules, and it is also possible to create multiple connections in banks with 485 mm long cable (41190).



Installation in banks and protected cables

The mounting boxes can be installed in banks, aligned perfectly and rapidly thanks to the spacer, which holds the boxes firmly together and also acts as a cable gland, being hollow and hermetically sealed.

Pixel series - Installation features

Compositions	Boxes	Rainproof covers	Frames and cover plates	Electronic units	Front modules
 1 module	 1-module flush mounting 98x143x50 mm	 1 module	 1 module	 Audio, Audio/Video and with wide-angle lens	 Audio, Audio/Video  Axial single or double button, rocker button, blank module
	 1-module, surface mounting with rainproof cover				
 2 modules	 2-module flush mounting 98x254x50 mm	 2 modules	 2 modules	 Audio, Audio/Video and with wide-angle lens	 Audio, Audio/Video
	 2-module, surface mounting with rainproof cover			 with buttons, alphanumeric keyboard, 3.5" LCD display with electronic contacts list	 Axial single or double button, rocker button, blank module, alphanumeric keyboard, display
 3 modules	 3-module flush mounting 98x365x50 mm	 3 modules	 3 modules	 Audio, Audio/Video and with wide-angle lens	 Audio, Audio/Video
	 3-module, surface mounting with rainproof cover			 with buttons, alphanumeric keyboard, 3.5" LCD display with electronic contacts list	 Axial single or double button, rocker button, blank module, alphanumeric keyboard, display

Pixel series - Video entrance panels

Electronic units

Audio and audio/video electronic units with front modules, frames and cover plates. Supplied with a standard configuration, they can be customized to suit particular system. The electronic unit can be programmed from the unit or via the SaveProg software.

Conformity to Standards

EMC Directive

Standards EN 60065, EN 61000-6-1, EN 61000-6-3

41000 and 41001 - Main specifications

- Electronic unit for composition of audio entrance panels.
- Autogain on loudspeaker power output.
- Echo suppressor, to remove the Larsen effect.
- Automatic configuration of internal and speech unit addresses.
- Light sensor function for automatically adjusting the brightness according to the ambient light.
- 4 conventional call buttons in two rows (2+2).
- Can manage up to 84 button calls, using the additional modules 41010.
- Controls an electrical lock connected directly to the electronic unit.
- Possibility to connect a local door open button or a "door open" warning sensor.
- Front Mini-USB connector for connecting a PC via a USB/Mini-USB cable, for configuration using the Due Fili Plus system management software "Save Prog", which can be downloaded from the website www.vimar.com.
- Standard configurations can be made by using the 4 front call buttons and their 4 indicator LEDs.
- 41001 with front LED for signalling: call in progress/communication open; enable lock; missed call if the line is busy.
- 41001 with input for additional power supply (6923).
- 41001 with hearing aid function.

Technical data	41000	41001
Power supply from bus	voltage min. 21 Vdc	voltage min. 21 Vdc
Current draw in stand-by	25 mA	30 mA
Max current draw in operation (with 8 additional modules, in conversation with lock active)	300 mA	360 mA
Operating temperature	-10 °C to +55 °C	-10 °C to +55 °C
additional power supply	-	with 6923

Option of using additional power supply 6923 where necessary (bus voltage at terminals 1 and 2 of electronic unit registering < 21 Vdc).
The maximum current delivered to the additional electronic modules (back panel) is 500 mA (maximum 8 additional modules).

41003 and 41004 - Main specifications

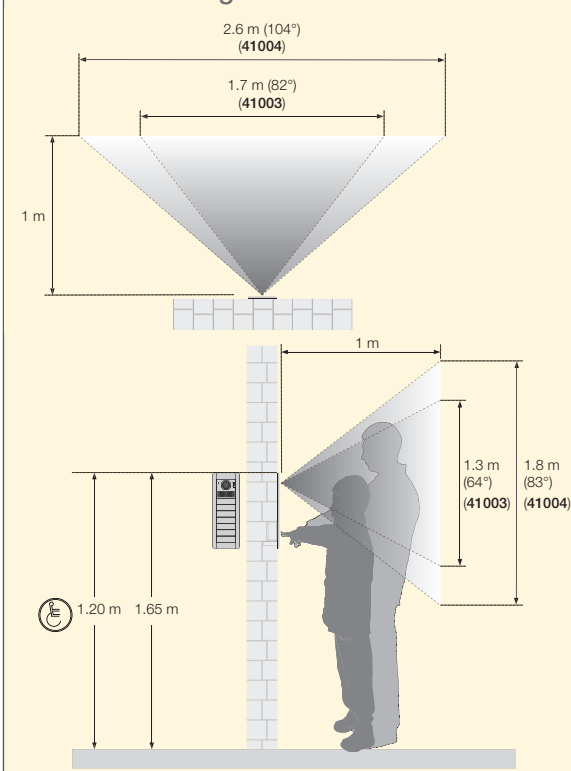
- Electronic unit for composition of audio/video entrance panels.
- Colour camera with 525 TVL resolution and white LEDs lighting the shooting area with automatic brightness control according to the ambient light.
- 41004 with zoom&scan mode for the camera, directly controlled from the internal unit.
- 41004 with 2 picture control modes, standard and enhanced portrait.
- Autogain on loudspeaker power output.
- Echo suppressor, to remove the Larsen effect.
- Automatic configuration of internal and speech unit addresses.
- Light sensor function for automatically adjusting the brightness according to the ambient light.

- 4 conventional indoor unit call buttons in two rows (2+2).
- Can manage up to 84 button calls, using the expansion units 41010.
- Controls an electrical lock connected directly to the electronic unit.
- Possibility to connect a local door open button or a "door open" warning sensor.
- Front Mini-USB connector for connecting a PC via a USB/Mini-USB cable, for configuration using the Due Fili Plus system management software "Save Prog", which can be downloaded from the website www.vimar.com.
- Standard configurations can be made by using the 4 front call buttons and their 4 indicator LEDs.
- front LEDs for signalling: call in progress/communication open; enable lock; missed call if the line is busy.
- Input for additional power supply (6923).
- 41004 with hearing aid function.

Technical data	41003	41004
Power supply from bus	voltage min. 21 Vdc	voltage min. 21 Vdc
Recording angle		
horizontal	82°	104°
vertical	64°	83°
Opening at 1 m		
horizontal	1.7 m	2.6 m
vertical	1.3 m	1.8 m
Current draw in stand-by	30 mA	30 mA
Max current draw in operation (with 8 additional modules, in conversation with lock active)	390 mA	440 mA
Operating temperature	-10 °C to +55 °C	-10 °C to +55 °C
additional power supply	with 6923	with 6923

Option of using additional power supply 6923 where necessary (bus voltage at terminals 1 and 2 of electronic unit registering < 21 Vdc).
The maximum current delivered to the additional electronic modules (back panel) is 500 mA (maximum 8 additional modules).

Camera recording field for 41003 and 41004



Pixel series - Video entrance panels

Electronic units

▲ 41000	Due Fili Plus electronic audio unit, automatic sound balancing, 4 back-lit call buttons with white LEDs, 1 door opener external button input, 1 direct opening output for electric lock, to be completed with audio front modules and single, double or fixed buttons
▲ 41001	Due Fili Plus audio electronic unit, echo suppression, automatic sound balancing, automatic microphone level control, teleloop for hearing aids, 4 call buttons backlit with white LEDs with photocell lighting control, call status indicator LED, 1 input configurable as external button for CA door opener or PA door open, 1 direct opening output for electric lock, to be completed with audio front module and single, double or fixed buttons
▲ 41003	Due Fili Plus audio/video electronic unit, colour camera, echo suppression function, automatic sound balancing, automatic loudspeaker level control, automatic microphone level control, 4 call buttons backlit with white LEDs with photocell lighting control, call status indicator LED, 1 input configurable as external button for CA door opener or PA door open, 1 direct opening output for electric lock, to be completed with audio front modules and single, double or fixed buttons
▲ 41004	As above, with wide-angle colour camera and teleloop for hearing aids



▲ 41000



▲ 41001



▲ 41003



▲ 41004

Pixel series - Video entrance panels

Expansion electronic units

These electronic units have to be connected to audio or audio/video electronic units, for adding: call buttons, alphanumeric keyboard, display with electronic contacts list, back-lit name cards or house number plates. The expansion units are supplied with a cable for connection in series with the audio or audio/video electronic unit. For particular module arrangements, an additional cable 41190 is available, length 485 mm.

Conformity to Standards

EMC Directive

Standards EN 60065, EN 61000-6-1, EN 61000-6-3

41010 - Main characteristics

- Expansion unit with 10 call buttons in two rows (5+5).
- LED for white backlighting the buttons.
- Cable for connection of audio, audio/video electronic unit or to another expansion unit.
- 2 connectors for connection to units..
- To be completed with: single axial button (41110), single rocker button (41111), double axial button (41112), or front blank module for buttons (41113.0x, 41114.0x).

Technical data	41010
Power supply via audio or audio/video electronic unit	5 Vdc
Max current draw in operation	60 mA
Operating temperature	-10 °C to +55 °C

41018 - Main characteristics

- Expansion unit with 3.5" LCD display with resolution 320 x 480 pixel and 65 K colours.
- 3 buttons for navigation and making calls from the electronic contacts list.
- Electronic contacts list for 8192 names and 2000 codes for opening locks from the entrance panel. The contacts list can be programmed via the SaveProg software.
- Cable for connection of audio, audio/video electronic unit or to another additional module.
- 2 connectors for connection to modules.
- To be completed with front display module (41118.0x).
- Input for additional power supply 5 Vdc 220 mA.
- Possibility of connecting a local push button for lock opening.

Technical data	41018
Power supply via audio or audio/video electronic unit	5 Vdc
Max current draw in operation	220 mA
Operating temperature	-10 °C to +55 °C

Possibility for additional power supply 5 Vdc 220 mA.

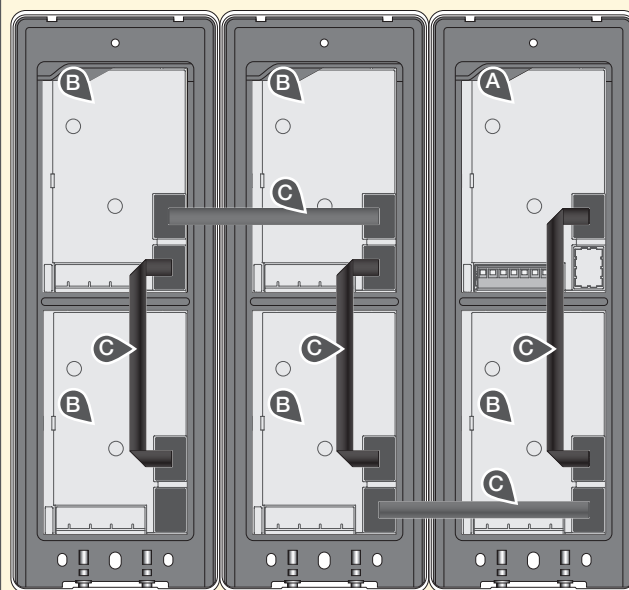
41019 - Main characteristics

- Expansion unit for alphanumeric keyboard for opening the lock from the entrance panel with a code. If connected to the display unit 41018, it can also send calls to internal stations.
- 3 buttons for navigation and making calls from the electronic contacts list.
- Cable for connection of audio, audio/video electronic unit or to another expansion unit.
- 2 connectors for connection to units.
- To be completed with front keyboard module (41119.0x).
- Possibility of connecting a local push button for lock opening.
- 1 output for auxiliary services max 60 Vdc 1 A.

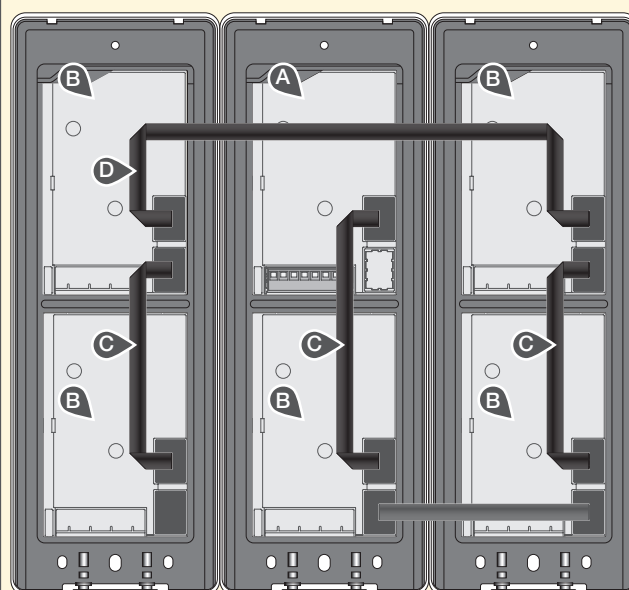
Module connections

- A) Audio or audio/video electronic unit.
- B) Expansion modules.
- C) Cable supplied.
- D) Cable 41190.

Connection to audio or audio/video electronic unit, positioned on the side (A)



Connection to audio or audio/video electronic unit, positioned on the centre (A)



Pixel series - Video entrance panels

Expansion electronic units

▲ 41010	Electronic unit with 10 buttons in two rows backlit with white LEDs, photocell and manual LED brightness adjustment via audio or audio-video units, complete with frame to be completed with single or double axial buttons, rocker buttons, fixed buttons
▲ 41015	Electronic unit with name panel backlit with white LEDs, photocell and manual LED brightness adjustment via audio or audio-video units, to be completed with name panel front cover module
▲ 41018	Electronic unit with 3.5" display for audio or audio-video modules, 3 buttons for calls from contacts list backlit with white LEDs, 1 input configurable as external button for CA door opener or PA door open, to be completed with front display module
▲ 41019	Electronic unit with alphanumeric keypad for audio-video units, buttons with white LED backlighting and audible feedback, 1 input configurable as external button for CA door opener or PA door open, 1 N/O relay output, to be completed with front keyboard module



▲ 41010



▲ 41015



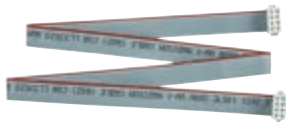
▲ 41018



▲ 41019

Connecting cable for electronic units

▲ 41190	Cable for vertical and/or horizontal wiring of modules with integrated IP protection, length 485 mm
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▲ 41190

Pixel series - Video entrance panels

Front modules

Pixel entrance panel consists of modular elements in combination with electronic units.

The main elements are: electronic units, expansion units, front modules for axial or rocker button, blank module, 3.5" LCD display with electronic contact list or alphanumeric keypad modules, frame, cover plate, rainproof cover, flush and surface mounting boxes with built-in rainproof cover.

Conformity to Standards

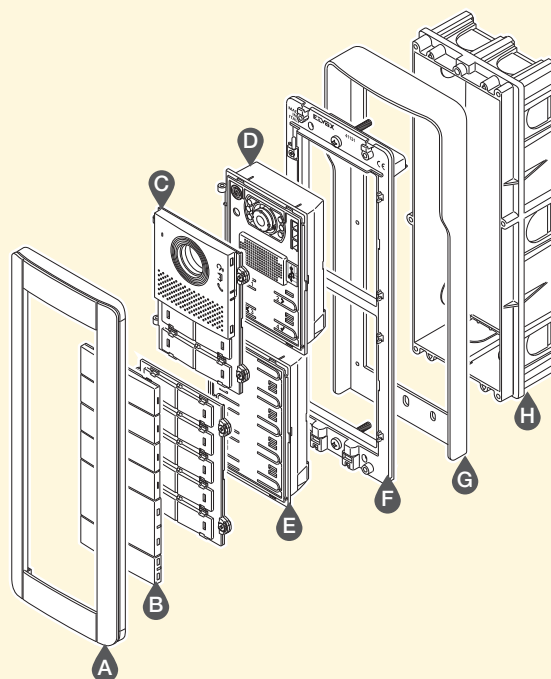
EMC directive

Standards EN 60065, EN 61000-6-1, EN 61000-6-3

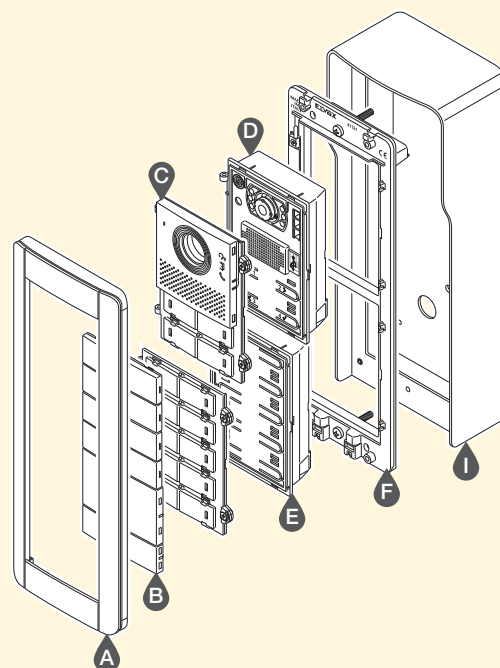
Installations

- A) Cover plate.
- B) Button modules (single, rocker, double), or blank modules.
- C) Front modules for audio or audio/video electronic units.
- D) Audio or audio/video electronic unit.
- E) Expansion electronic unit.
- F) Electronic unit support.
- G) Rainproof cover.
- H) Flush mounting box.
- I) Surface mounting box with built-in rainproof cover.

Flush mounting with rainproof cover



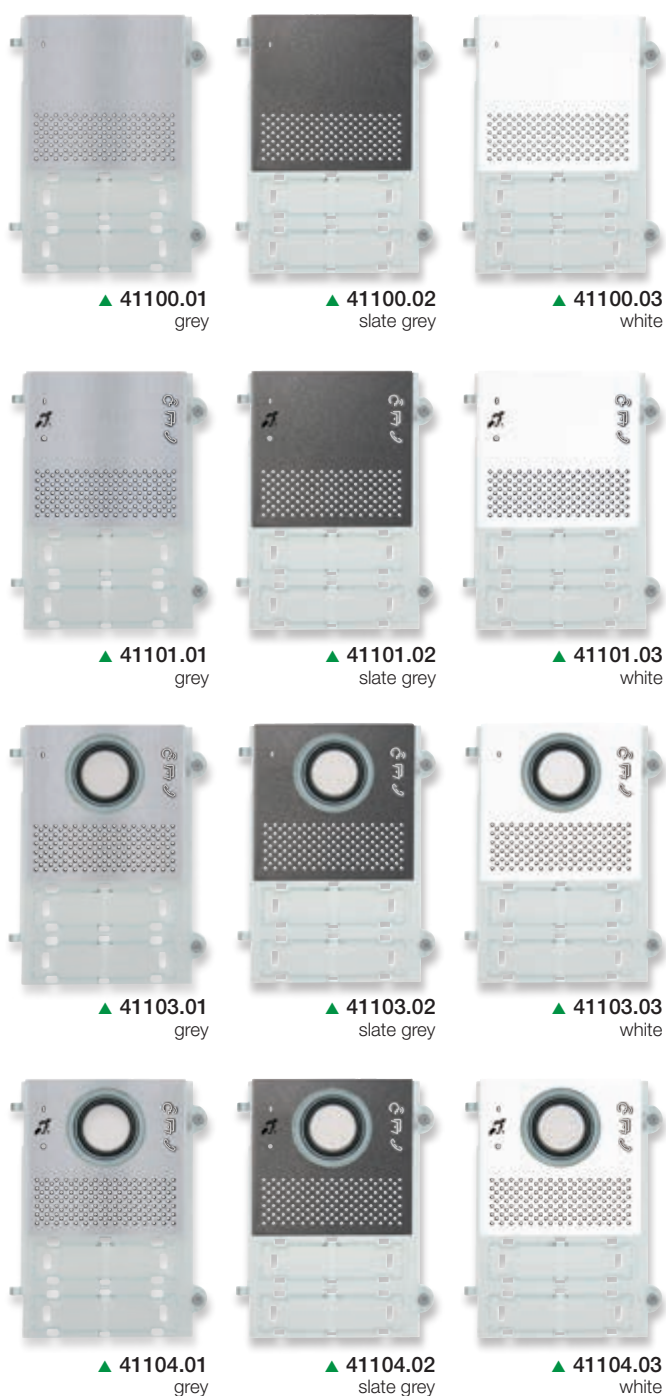
Surface mounting with built-in rainproof cover



Pixel series - Video entrance panels

Front modules

▲ 41100.01	Standard audio front cover for Due Fili Plus audio electronic unit 41000, grey
▲ 41100.02	As above, slate grey
▲ 41100.03	As above, white
▲ 41101.01	Audio front cover for Due Fili Plus audio electronic unit 41001, teleloop symbol for hearing aids, grey
▲ 41101.02	As above, slate grey
▲ 41101.03	As above, white
▲ 41103.01	Audio/video front cover for Due Fili Plus audio/video electronic unit 41003, grey
▲ 41103.02	As above, slate grey
▲ 41103.03	As above, white
▲ 41104.01	Audio/video front cover for Due Fili Plus audio/video electronic unit 41004, teleloop symbol for hearing aids, grey
▲ 41104.02	As above, slate grey
▲ 41104.03	As above, white



Pixel series - Video entrance panels

Front modules

▲ 41118.01	Display front cover for electronic unit 41018, grey
▲ 41118.02	As above, slate grey
▲ 41118.03	As above, white
▲ 41119.01	Display keypad front cover for electronic unit 41019, grey
▲ 41119.02	As above, slate grey
▲ 41119.03	As above, white
▲ 41115	Name panel front cover for electronic unit 41015



▲ 41118.01
grey

▲ 41118.02
slate grey

▲ 41118.03
white



▲ 41119.01
grey

▲ 41119.02
slate grey

▲ 41119.03
white



▲ 41115

Pixel series - Video entrance panels

Button modules

▲ 41110	Single axial button
▲ 41111	Single rocker button
▲ 41112	Double axial button



▲ 41110



▲ 41111



▲ 41112

Blank modules

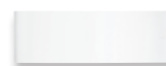
▲ 41113.01	Single blank button, grey
▲ 41113.02	As above, slate grey
▲ 41113.03	As above, white
▲ 41114.01	Double blank button, grey
▲ 41114.02	As above, slate grey
▲ 41114.03	As above, white
▲ 41121.01	Blank module, grey
▲ 41121.02	As above, slate grey
▲ 41121.03	As above, white



▲ 41113.01
grey



▲ 41113.02
slate grey



▲ 41113.03
white



▲ 41114.01
grey



▲ 41114.02
slate grey



▲ 41114.03
white



▲ 41121.01
grey



▲ 41121.02
slate grey



▲ 41121.03
white

Pixel series - Video entrance panels

Mounting frames and cover plates

▲ 41131.01	Mounting frame and cover plate for 1 module, grey. Dimensions: 99.5x161 mm
▲ 41131.02	As above, slate grey
▲ 41131.03	As above, white
▲ 41131.04	As above, anodized grey
▲ 41132.01	Mounting frame and cover plate for 2 modules, grey. Dimensions: 99.5x276 mm
▲ 41132.02	As above, slate grey
▲ 41132.03	As above, white
▲ 41132.04	As above, anodized grey



▲ 41131.01
grey



▲ 41131.02
slate grey



▲ 41131.03
white



▲ 41131.04
anodized grey



▲ 41132.01
grey



▲ 41132.02
slate grey



▲ 41132.03
white



▲ 41132.04
anodized grey

Pixel series - Video entrance panels

Mounting frames and cover plates

▲ 41133.01	Mounting frame and cover plate for 3 modules, grey. Dimensions: 99.5x391 mm
▲ 41133.02	As above, slate grey
▲ 41133.03	As above, white
▲ 41133.04	As above, anodized grey



▲ 41133.01
grey

▲ 41133.02
slate grey

▲ 41133.03
white

▲ 41133.04
anodized grey

Mounting boxes

9191	Mounting box for entrance panels for 1 module, provided with cardboard antimortar cover and spacer for installation in banks. Dimensions: 98x143x50 mm
9192	Mounting box for entrance panels for 2 modules, provided with cardboard antimortar cover and spacer for installation in banks. Dimensions: 98x254x50 mm
9193	Mounting box for entrance panels for 3 modules, provided with cardboard antimortar cover and spacer for installation in banks. Dimensions: 98x365x50 mm



9191

9192

9193

Pixel series - Video entrance panels

Surface mounting boxes with built-in rainproof cover

▲ 41151.01	Surface mounting box for 1 module with built-in rainproof cover, grey. Dimensions: 110x167x70.6 mm
▲ 41151.02	As above, slate grey
▲ 41151.03	As above, white
▲ 41151.04	As above, anodized grey
▲ 41152.01	Surface mounting box for 2 modules with built-in rainproof cover, grey. Dimensions: 110x281.7x70.6 mm
▲ 41152.02	As above, slate grey
▲ 41152.03	As above, white
▲ 41152.04	As above, anodized grey
▲ 41154.01	Surface mounting box for 4 modules (2x2) with built-in rainproof cover, grey. Dimensions: 210x281.7x70.6 mm
▲ 41154.02	As above, slate grey
▲ 41154.03	As above, white
▲ 41154.04	As above, anodized grey
▲ 41157.01	Surface mounting box for 6 modules (3x2) with built-in rainproof cover, grey. Dimensions: 310x281.7x70.6 mm
▲ 41157.02	As above, slate grey
▲ 41157.03	As above, white
▲ 41157.04	As above, anodized grey
▲ 41153.01	Surface mounting box for 3 modules with built-in rainproof cover, grey. Dimensions: 110x397x70.6 mm
▲ 41153.02	As above, slate grey
▲ 41153.03	As above, white
▲ 41153.04	As above, anodized grey
▲ 41156.01	Surface mounting box for 6 modules (2x3) with built-in rainproof cover, grey. Dimensions: 210x397x70.6 mm
▲ 41156.02	As above, slate grey
▲ 41156.03	As above, white
▲ 41156.04	As above, anodized grey
▲ 41159.01	Surface mounting box for 9 modules (3x3) with built-in rainproof cover, grey. Dimensions: 310x397x70.6 mm
▲ 41159.02	As above, slate grey
▲ 41159.03	As above, white
▲ 41159.04	As above, anodized grey



▲ 41151.04
anodized grey



▲ 41152.04
anodized grey



▲ 41154.04
anodized grey



▲ 41157.04
anodized grey



▲ 41153.04
anodized grey



▲ 41156.04
anodized grey



▲ 41159.04
anodized grey

Pixel series - Video entrance panels

Rainproof cover for mounting boxes

▲ 41141.01	1-module rainproof cover for mounting box, grey. Dimensions: 110x167x35.8 mm
▲ 41141.02	As above, slate grey
▲ 41141.03	As above, white
▲ 41141.04	As above, anodized grey
▲ 41142.01	2-module rainproof cover for mounting box, grey. Dimensions: 110x281.7x35.8 mm
▲ 41142.02	As above, slate grey
▲ 41142.03	As above, white
▲ 41142.04	As above, anodized grey
▲ 41144.01	4 (2x2)-module rainproof cover for mounting box, grey. Dimensions: 210x281.7x35.8 mm
▲ 41144.02	As above, slate grey
▲ 41144.03	As above, white
▲ 41144.04	As above, anodized grey
▲ 41147.01	6 (3x2)-module rainproof cover for mounting box, grey. Dimensions: 310x281.7x35.8 mm
▲ 41147.02	As above, slate grey
▲ 41147.03	As above, white
▲ 41147.04	As above, anodized grey
▲ 41143.01	3-module rainproof cover for mounting box, grey. Dimensions: 110x397x35.8 mm
▲ 41143.02	As above, slate grey
▲ 41143.03	As above, white
▲ 41143.04	As above, anodized grey
▲ 41146.01	6 (2x3)-module rainproof cover for mounting box, grey. Dimensions: 210x397x35.8 mm
▲ 41146.02	As above, slate grey
▲ 41146.03	As above, white
▲ 41146.04	As above, anodized grey
▲ 41149.01	9 (3x3)-module rainproof cover for mounting box, grey. Dimensions: 310x397x35.8 mm
▲ 41149.02	As above, slate grey
▲ 41149.03	As above, white
▲ 41149.04	As above, anodized grey



▲ 41141.04
anodized grey



▲ 41142.04
anodized grey



▲ 41144.04
anodized grey



▲ 41147.04
anodized grey



▲ 41143.04
anodized grey



▲ 41146.04
anodized grey



▲ 41149.04
anodized grey

1300 series - Video entrance panels

Electronic units

Audio and audio/video electronic units combinable with 1200, 1300 and 8000 series to make up entrance panels. Supplied with a standard configuration, they can be customized to suit the particular system. The electronic unit can be programmed from the unit itself, or using programmer 950C, or alternatively, the PC software application SaveProg with interface 692I or 692I/U.

Conformity to standards

EMC directive

Standards EN 60065, EN 61000-6-1, EN 61000-6-3

13F4 and 13F7 - Main specifications

- Electronic unit with alphanumeric display.
- Alphanumeric keypad for making calls, exploring the electronic index, and configuring basic and advanced parameters of the electronic unit.
- Option to connect additional module 12TS (4 buttons in single row).
- Indication of "BUSY - PLEASE WAIT" message and operating steps on panel display.
- Electronic index with memory capacity for 1000 users (2 names of 16 characters each, per user).
- Audio external unit with sound balance control provided by trimmers and internal and external volume levels, via configuration menu.
- 13F7 with built-in colour camera with 1/4" sensor, minimum lighting 1.0 lux, user name backlit by white light Led, manual pan/tilt adjustment.
- 13F4 with inputs/outputs for connection and control of external camera, in configuration as video electronic unit.
- Power supply from Due Fili Plus Bus.
- Input for additional power supply (6923).
- Output for activation of electric lock (peak current $I_T > 1$ A for 10 mS followed by holding current $I_M = 200$ mA for as long as the lock control remains active).
- 2 outputs for activation of 2 relays 0170/001 operating auxiliary services.
- Input for door open sensor.
- Input for activation of lock by remote control.
- Removable terminal block for connection to system.

Technical data	13F4	13F7
Power supply from Bus	min. voltage 24 Vdc	min. voltage 24 Vdc
Sensor	-	1/4"
Absorption stand-by	120 mA	120 mA
Max absorption operation	320 mA	320 mA
Minimum lighting	-	1.0 lux
Operating temperature	-10 °C to +55 °C	-10 °C to +55 °C
Camera adjustment	-	manual
Additional power supply	with 6923	with 6923

Option of using additional power supply 6923 where necessary (Bus voltage at terminals 1 and 2 of electronic unit registering < 24 Vdc)

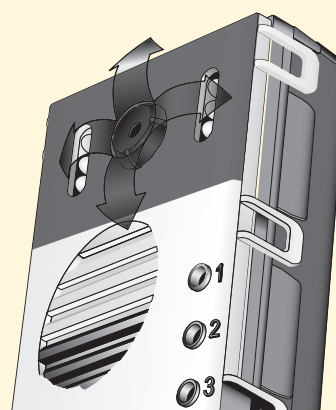
13F3 and 13F5 - Main specifications

- Electronic unit with 8 call buttons arranged in 2 rows (4+4).
- Facility of increasing the number of call buttons by installing additional module 12TS (4 buttons in single row).
- Luminous indication of "BUSY - PLEASE WAIT" message.
- Audio external unit with sound balance, internal volume and external volume adjustments provided by trimmers.
- 13F5 with built-in colour camera with 1/4" sensor, minimum lighting 1.0 lux, user name backlit by white light Led, manual pan/tilt adjustment.
- 13F3 with inputs/outputs for connection and control of external camera, in configuration as video electronic unit.
- Basic parameters configurable with the buttons of the electronic unit; configuration of advanced parameters using programmer 950C or alternatively, the PC software application SaveProg.
- Power supply from Due Fili Plus Bus.
- Input for additional power supply (6923).
- Output for activation of electric lock (peak current $I_T > 1$ A for 10 mS followed by holding current $I_M = 200$ mA for as long as the lock control remains active).
- 2 outputs for activation of 2 relays 0170/001 operating auxiliary services.
- Input for door open sensor.
- Input for activation of lock by remote control.
- Removable terminal block for connection to system.

Technical data	13F3	13F5
Power supply from Bus	min. voltage 24 Vdc	min. voltage 24 Vdc
Sensor	-	1/4"
Absorption stand-by	60 mA	60 mA
Max absorption operation	260 mA	260 mA
Minimum lighting	-	1.0 lux
Operating temperature	-10 °C to +55 °C	-10 °C to +55 °C
Camera adjustment	-	manual
Additional power supply	with 6923	with 6923

Option of using additional power supply 6923 where necessary (Bus voltage at terminals 1 and 2 of electronic unit registering < 24 Vdc)

Manual pan and tilt adjustment



1300 series - Video entrance panels

Electronic units with alphanumeric keypad

13F4	Due Fili Plus electronic unit for audio entrance panel with alphanumeric keypad, display and electronic directory, 6400 internal units, option of connecting to a CCTV type external camera, stainless steel buttons
13F7	Due Fili Plus electronic unit for colour video entrance panel with alphanumeric keypad, display and electronic directory, 6400 internal units, stainless steel buttons



13F4
stainless steel buttons



13F7
stainless steel buttons

Electronic units with buttons

13F3	Due Fili Plus electronic unit for audio entrance panel with traditional buttons, BUSY-WAIT indication, 8 buttons in 2 rows (4+4), option of connecting to a CCTV type external camera
13F5	Due Fili Plus electronic unit for colour video entrance panel with traditional buttons, colour camera, BUSY-WAIT indication, 8 buttons in 2 rows (4+4)



13F3



13F5

Additional module

12TS	Additional electronic unit with 4 buttons in 1 row, for use with electronic units for 8000, 1200 and 1300 entrance panels
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12TS

1300 series - Video entrance panels

Plate series 1300

Extruded aluminium audio/video cover plates with frame, for use in conjunction with electronic units, rainproof frames, flush or surface mounting back boxes, as components of entrance panels. Audio/video cover plates can be extended by fitting additional plates, with flush mounting back boxes and rainproof frames, or surface mounting back boxes. Cover plates, rainproof frames and back boxes are supplied in 2 different heights: 2-module and 3-module.

Audio/video cover plates are supplied with 1 button, and additional plates with 8 or 12 buttons; the number buttons can be varied using special accessories: button module R131 and blanking module R130.

Conformity to standards

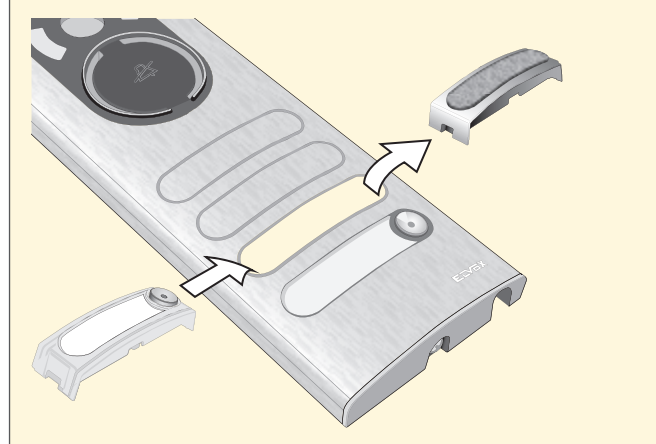
EMC directive

Standards EN 61000-6-1, EN 61000-6-3

Main specifications

- Extruded aluminium cover plate, 18/10 gauge.
- Degree IP44.
- End sections made of impact and UV resistant engineering polymer.
- Buttons carried in transparent impact-resistant polycarbonate support.
- One-piece pressed sheet metal frame, 12/10 gauge, pre-painted white.
- Buttons moulded from transparent polycarbonate with protective stainless steel cap.
- Single version of cover plate used for audio or audio/video electronic unit.
- Dimensions of 2-module cover plate: 100x277x22 mm
- Dimensions of 3-module cover plate: 100x391x22 mm

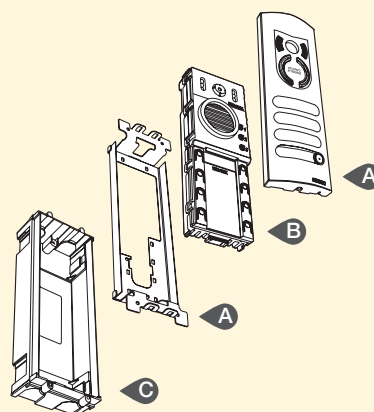
Modular buttons



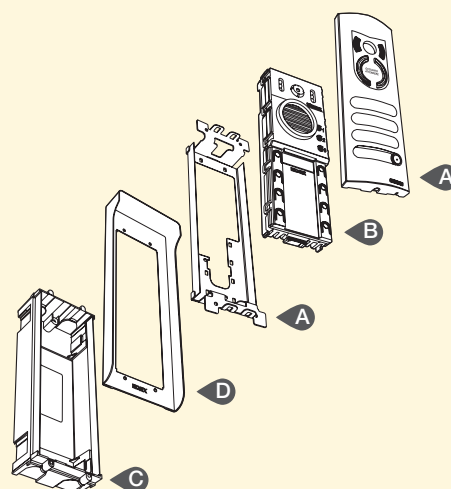
Installations

- A) Cover plate and frame.
- B) Electronic unit.
- C) Flush mounting back box.
- D) Rainproof frame.
- E) Surface mounting back box with rainproof frame.

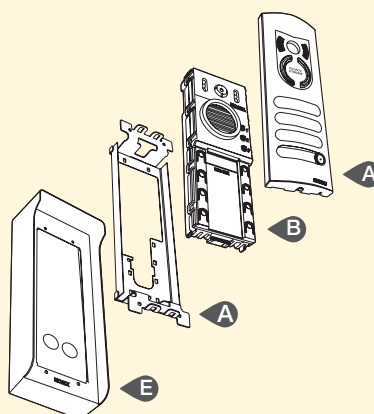
Flush-mounted installation



Flush-mounted installation with rainproof frame



Surface-mounted installation with rainproof frame



1300 series - Video entrance panels

2-module audio/video cover plates

1321	2-module audio-video cover plate with 1 button and 3 blank modules, electropolished anodized aluminium
1358	2-module additional cover plate with 8 buttons, electropolished anodized aluminium
132D	2-module audio-video cover plate for Due Fili Plus alphanumeric electronic units, electropolished anodized aluminium
132N	2-module additional cover plate with 2 cards for 13+13 names, supplied with card lighting, electropolished anodized aluminium



1321
electro-polished
anodized aluminium



1358
electro-polished
anodized aluminium



132D
electro-polished
anodized aluminium



132N
electro-polished
anodized aluminium

3-module audio/video cover plates

1331	3-module audio-video cover plate with 1 button and 7 blank modules, electropolished anodized aluminium
1372	3-module additional cover plate with 12 buttons, electropolished anodized aluminium
133D	3-module audio-video cover plate for with Due Fili Plus electronic units with alphanumeric keypad, with card for 13 names, supplied with card lighting, electropolished anodized aluminium
133N	3-module additional cover plate with 3 cards for 13+13+13 names, supplied with card lighting, electropolished anodized aluminium



1331
electro-polished
anodized aluminium



1372
electro-polished
anodized aluminium



133D
electro-polished
anodized aluminium



133N
electro-polished
anodized aluminium

1300 series - Video entrance panels

Blanking module and button module

R130	Blank module for 1300 cover plates, electropolished anodized aluminium
R131	Button for 1300 cover plates



R130



R131

Mounting boxes

9192	Mounting box for entrance panels for 2 modules, provided with cardboard antimortar cover and spacer for installation in banks. Dimensions: 98x254x50 mm
9193	Mounting box for entrance panels for 3 modules, provided with cardboard antimortar cover and spacer for installation in banks. Dimensions: 98x365x50 mm



9192



9193

Rainproof cover for mounting boxes

C321	Rainproof trim for 1 x 2-module cover plate, electropolished anodized aluminium. Dimensions: 120x288x39 mm
C322	As above, for 2 x 2-module cover plate. Dimensions: 220x288x39 mm
C323	As above, for 3 x 2-module cover plate. Dimensions: 320x288x39 mm
C324	As above, for 4 x 2-module cover plate. Dimensions: 420x288x39 mm
C331	As above, for 1 x 3-module cover plate. Dimensions: 120x402x39 mm
C332	As above, for 2 x 3-module cover plate. Dimensions: 220x402x39 mm
C333	As above, for 3 x 3-module cover plate. Dimensions: 320x402x39 mm
C334	As above, for 4 x 3-module cover plate. Dimensions: 420x402x39 mm



C321
electro-polished
anodized aluminium

1300 series - Video entrance panels

Surface mounting boxes with built-in rainproof cover

S321	Surface mounting box with rainproof trim for 1 x 2-module cover plate, electropolished anodized aluminium. Dimensions: 120x288x74 mm
S322	As above, for 2 x 2-module cover plate. Dimensions: 220x288x74 mm
S323	As above, for 3 x 2-module cover plate. Dimensions: 320x288x74 mm
S324	As above, for 4 x 2-module cover plate. Dimensions: 420x288x74 mm
S331	As above, for 1 x 3-module cover plate. Dimensions: 120x402x74 mm
S332	As above, for 2 x 3-module cover plate. Dimensions: 220x402x74 mm
S333	As above, for 3 x 3-module cover plate. Dimensions: 320x402x74 mm
S334	As above, for 4 x 3-module cover plate. Dimensions: 420x402x74 mm



S321
electro-polished
anodized aluminium

1300 series - Video entrance panels

Electronic units

Audio and audio/video electronic units to complete with 13K1 reduced module entrance panel. Supplied with a standard configuration, they can be customized to suit the particular system. The electronic unit can be programmed from the unit itself, or using programmer 950C, or alternatively, the PC software application SaveProg with interface 692I or 692I/U.

Conformity to standards

EMC directive

Standards EN 60065, EN 61000-6-1, EN 61000-6-3

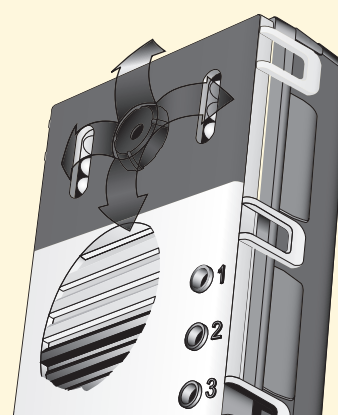
13F1 and 13F2 - Main specifications

- Audio external unit with sound balance, internal volume and external volume adjustments provided by trimmers.
- 13F2 with built-in colour camera with 1/3" sensor, minimum lighting 1.0 lux, user name backlit by white light Led, manual pan/tilt adjustment.
- 13F1 with inputs/outputs for connection and control of external camera, in configuration as video electronic unit.
- Basic parameters configurable with the buttons of the electronic unit; configuration of advanced parameters using programmer 950C or alternatively, the PC software application SaveProg.
- Power supply from Due Fili Plus Bus.
- Input for additional power supply (6923).
- Output for activation of electric lock (peak current $I_T > 1$ A for 10 ms followed by holding current $I_M = 200$ mA for as long as the lock control remains active).
- Input for door open sensor.
- Input for activation of lock by remote control.
- Removable terminal block for connection to system.

Technical data	13F1	13F2
Power supply from Bus	min. voltage 24 Vdc	min. voltage 24 Vdc
Sensor	-	1/3"
Absorption stand-by	40 mA	40 mA
Max absorption operation	350 mA	350 mA
Minimum lighting	-	1.0 lux
Operating temperature	-10 °C to +55 °C	-10 °C to +55 °C
Camera adjustment	-	manual
Additional power supply	with 6923	with 6923

Option of using additional power supply 6923 where necessary (Bus voltage at terminals 1 and 2 of electronic unit registering < 24 Vdc)

Manual pan and tilt adjustment



Reduced module audio/video entrance panel

Audio/video entrance panel made of electro-polished anodized aluminium, to complete with 13F1 and 13F2 electronic units, for surface and flush mounting. The entrance panel is supplied with 1 R131 button and another one can be add too.

Conformity to standards

EMC directive

Standards EN 60065, EN 61000-6-1, EN 61000-6-3

Principali caratteristiche

- Extruded aluminium cover plate, 18/10 gauge.
- Supplied with surface and flush mounting boxes.
- Degree IP44.

- End sections made of impact and UV resistant engineering polymer.
- Buttons carried in transparent impact-resistant polycarbonate support.
- Buttons moulded from transparent polycarbonate with protective stainless steel cap.
- Single version of cover plate used for audio or audio/video electronic unit.
- Dimensioni installazione da incasso: 100x168x23 + 12 mm (per incasso).
- Flush mounting box dimensions: 96x167x38 mm.
- Surface mounting dimensions: 100x168x37 mm.

1300 series - Video entrance panels

Electronic units with buttons

13F1	Due Fili electronic unit for audio entrance panel and 1 built-in button as a second call button, for use in Due Fili systems as a speech unit with 13K1 cover plate
13F2	Due Fili electronic unit for colour audio-video entrance panel, with 3.7 mm fixed lens and manual horizontal/vertical pan/tilt and 1 built-in button as a second call button, for use in Due Fili systems with 13K1 cover plate



13F1



13F2

Reduced module audio/video entrance panel

13K1	Surface or flush mounting audio-video cover plate, with facility for adding another R131 button, for use with the button built into units 68TU/K, 68TC/K and 68TU/K93, supplied with surface mounting box and flush mounting box, electropolished anodized aluminium. Surface mounting dimensions: 100x168x37. Flush dimensions: 100x168x23 + 12 mm
91K1	Flush mounting box for 13K1 cover plate with protective cover. Dimensions: 96x167x38 mm



13K1
electro-polished
anodized aluminium



91K1

1200 series - Video entrance panels

Electronic units

Audio and audio/video electronic units combinable with 1200, 1300 and 8000 series to make up entrance panels. Supplied with a standard configuration, they can be customized to suit the particular system. The electronic unit can be programmed from the unit itself, or using programmer 950C, or alternatively, the PC software application SaveProg with interface 692I or 692I/U.

Conformity to standards

EMC directive

Standards EN 60065, EN 61000-6-1, EN 61000-6-3

13F4 and 13F7 - Main specifications

- Electronic unit with alphanumeric display.
- Alphanumeric keypad for making calls, exploring the electronic index, and configuring basic and advanced parameters of the electronic unit.
- Option to connect additional module 12TS (4 buttons in single row).
- Indication of "BUSY - PLEASE WAIT" message and operating steps on panel display.
- Electronic index with memory capacity for 1000 users (2 names of 16 characters each, per user).
- Audio external unit with sound balance control provided by trimmers and internal and external volume levels, via configuration menu.
- 13F7 with built-in colour camera with 1/4" sensor, minimum lighting 1.0 lux, user name backlit by white light Led, manual pan/tilt adjustment.
- 13F4 with inputs/outputs for connection and control of external camera, in configuration as video electronic unit.
- Power supply from Due Fili Plus Bus.
- Input for additional power supply (6923).
- Output for activation of electric lock (peak current $I_T > 1$ A for 10 mS followed by holding current $I_M = 200$ mA for as long as the lock control remains active).
- 2 outputs for activation of 2 relays 0170/001 operating auxiliary services.
- Input for door open sensor.
- Input for activation of lock by remote control.
- Removable terminal block for connection to system.

Technical data	13F4	13F7
Power supply from Bus	min. voltage 24 Vdc	min. voltage 24 Vdc
Sensor	-	1/4"
Absorption stand-by	120 mA	120 mA
Max absorption operation	320 mA	320 mA
Minimum lighting	-	1.0 lux
Operating temperature	-10 °C to +55 °C	-10 °C to +55 °C
Camera adjustment	-	manual
Additional power supply	with 6923	with 6923

Option of using additional power supply 6923 where necessary (Bus voltage at terminals 1 and 2 of electronic unit registering < 24 Vdc)

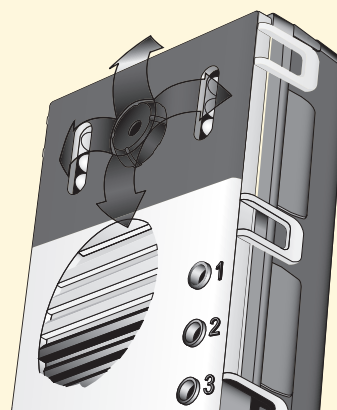
13F3 and 13F5 - Main specifications

- Electronic unit with 8 call buttons arranged in 2 rows (4+4).
- Facility of increasing the number of call buttons by installing additional module 12TS (4 buttons in single row).
- Luminous indication of "BUSY - PLEASE WAIT" message.
- Audio external unit with sound balance, internal volume and external volume adjustments provided by trimmers.
- 13F5 with built-in colour camera with 1/4" sensor, minimum lighting 1.0 lux, user name backlit by white light Led, manual pan/tilt adjustment.
- 13F3 with inputs/outputs for connection and control of external camera, in configuration as video electronic unit.
- Basic parameters configurable with the buttons of the electronic unit; configuration of advanced parameters using programmer 950C or alternatively, the PC software application SaveProg.
- Power supply from Due Fili Plus Bus.
- Input for additional power supply (6923).
- Output for activation of electric lock (peak current $I_T > 1$ A for 10 mS followed by holding current $I_M = 200$ mA for as long as the lock control remains active).
- 2 outputs for activation of 2 relays 0170/001 operating auxiliary services.
- Input for door open sensor.
- Input for activation of lock by remote control.
- Removable terminal block for connection to system.

Technical data	13F3	13F5
Power supply from Bus	min. voltage 24 Vdc	min. voltage 24 Vdc
Sensor	-	1/4"
Absorption stand-by	60 mA	60 mA
Max absorption operation	260 mA	260 mA
Minimum lighting	-	1.0 lux
Operating temperature	-10 °C to +55 °C	-10 °C to +55 °C
Camera adjustment	-	manual
Additional power supply	with 6923	with 6923

Option of using additional power supply 6923 where necessary (Bus voltage at terminals 1 and 2 of electronic unit registering < 24 Vdc)

Manual pan and tilt adjustment



DUE FILI PLUS VIDEO DOOR ENTRY SYSTEMS



1200 series - Video entrance panels

Electronic units with alphanumeric keypad

13F4	Due Fili Plus electronic unit for audio entrance panel with alphanumeric keypad, display and electronic directory, 6400 internal units, option of connecting to a CCTV type external camera, stainless steel buttons
13F4/43	As above, with gold buttons
13F7	Due Fili Plus electronic unit for colour video entrance panel with alphanumeric keypad, display and electronic directory, 6400 internal units, stainless steel buttons
13F7/43	As above, with gold buttons



13F4
stainless steel buttons



13F4/43
gold buttons



13F7
stainless steel buttons



13F7/43
gold buttons

Electronic units with buttons

13F3	Due Fili Plus electronic unit for audio entrance panel with traditional buttons, BUSY-WAIT indication, 8 buttons in 2 rows (4+4), option of connecting to a CCTV type external camera
13F5	Due Fili Plus electronic unit for colour video entrance panel with traditional buttons, colour camera, BUSY-WAIT indication, 8 buttons in 2 rows (4+4)



13F3



13F5

Additional modules

12TS	Additional electronic unit with 4 buttons in 1 row, for use with electronic units for 8000, 1200 and 1300 entrance panels
12TD	Additional module with 4+4 buttons in 2 rows, to complete with 13F3, 13F5 electronic units, for 1200 series plates



12TS
12TD

1200 series - Video entrance panels

1200 series cover plates

Stainless steel audio/video cover plates with frame, for use in conjunction with electronic units, rainproof frames, flush or surface mounting back boxes, as components of entrance panels. Audio/video cover plates can be extended by fitting additional plates, with flush mounting back boxes and rainproof frames, or surface mounting back boxes. Cover plates, rainproof frames and back boxes are supplied in 2 different heights: 2-module and 3-module.

1200 series panels are also available on stainless steel columns with base. Columns are supplied complete with structure for floor-standing installation, without electronic units. Offered in 2 different heights: 173 and 147 cm.

Conformity to standards

EMC directive

Standards EN 61000-6-1, EN 61000-6-3

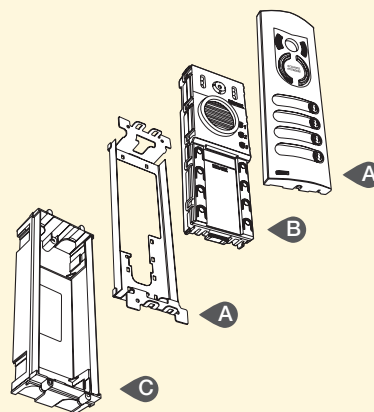
Main specifications

- Cover plate made from 316 grade (4VA) 8/10 gauge stainless steel with textured finish.
- Degree IP44.
- Pressure diecast aluminium heads (allowing fitment of front to frame by means of a special screw).
- Buttons carried in transparent impact-resistant polycarbonate support.
- Stainless steel frame.
- Buttons moulded from transparent polycarbonate with protective stainless steel cap.
- Single version of cover plate used for audio or audio/video electronic unit.
- Dimensions of 2-module cover plate: 100x280x22 mm
- Dimensions of 3-module cover plate: 100x395x22 mm
- Dimensions of 173 cm column: 145x1715x85 mm
- Dimensions of 173 cm column with base: 195x1725x200 mm
- Dimensions of 147 cm column: 145x1461.5x85 mm
- Dimensions of 147 cm column with base: 195x1471.5x200 mm

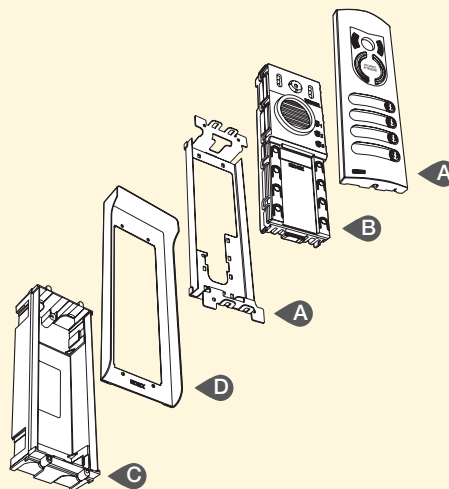
Installations

- A) Cover plate and frame.
- B) Electronic unit.
- C) Flush-mounting back box.
- D) Rainproof frame.
- E) Surface mounting back box with rainproof frame.

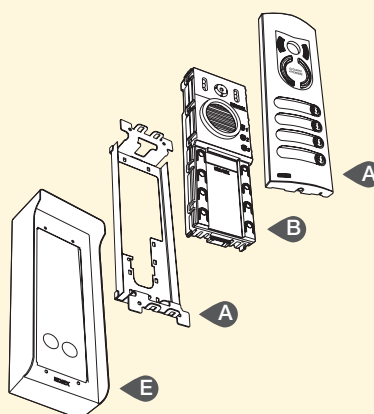
Flush-mounted installation



Flush-mounted installation with rainproof frame



Surface-mounted installation with rainproof frame



1200 series - Video entrance panels

2-module audio/video cover plates

1220	2-module audio-video cover plate without buttons, stainless steel
■ 1220/43	As above, gold
1221	As above, with 1 button, stainless steel
■ 1221/43	As above, with 1 button, gold
1222	As above, with 2 buttons, stainless steel
■ 1222/43	As above, with 2 buttons, gold
1223	As above, with 3 buttons, stainless steel
■ 1223/43	As above, with 3 buttons, gold
1224	As above, with 4 buttons, stainless steel
■ 1224/43	As above, with 4 buttons, gold
122D	2-module audio-video cover plate for Due Fili and Digibus electronic units with alphanumeric keypad, stainless steel
■ 122D/43	As above, gold



1220
stainless steel



■ 1220/43
gold



1221
stainless steel



■ 1221/43
gold



1222
stainless steel



■ 1222/43
gold



1223
stainless steel



■ 1223/43
gold



1224
stainless steel



■ 1224/43
gold



122D
stainless steel



■ 122D/43
gold

1200 series - Video entrance panels

2-module additional cover plates

1251	2-module additional cover plate with 1 button, stainless steel
■ 1251/43	As above, gold
1252	As above, with 2 buttons, stainless steel
■ 1252/43	As above, with 2 buttons, gold
1253	As above, with 3 buttons, stainless steel
■ 1253/43	As above, with 3 buttons, gold
1254	As above, with 4 buttons, stainless steel
■ 1254/43	As above, with 4 buttons, gold
1255	As above, with 5 buttons, stainless steel
■ 1255/43	As above, with 5 buttons, gold
1256	As above, with 6 buttons, stainless steel
■ 1256/43	As above, with 6 buttons, gold
1257	As above, with 7 buttons, stainless steel
■ 1257/43	As above, with 7 buttons, gold
1258	As above, with 8 buttons, stainless steel
■ 1258/43	As above, with 8 buttons, gold
122N	2-module additional cover plate with 2 cards for 15+15 names, supplied with card lighting, stainless steel
■ 122N/43	As above, gold



1251
stainless steel



■ 1251/43
gold



1252
stainless steel



■ 1252/43
gold



1253
stainless steel



■ 1253/43
gold



1254
stainless steel



■ 1254/43
gold



1255
stainless steel



■ 1255/43
gold



1256
stainless steel



■ 1256/43
gold



1257
stainless steel



■ 1257/43
gold



1258
stainless steel



■ 1258/43
gold



122N
stainless steel



■ 122N/43
gold

1200 series - Video entrance panels

2-module audio/video cover plates with buttons on double row

■ 1222/D	2-module audio-video cover plate with 2 buttons in double row, stainless steel
■ 1224/D	As above, with 4 buttons in double row
■ 1226/D	As above, with 6 buttons in double row
■ 1228/D	As above, with 8 buttons in double row



■ 1222/D
stainless steel



■ 1224/D
stainless steel



■ 1226/D
stainless steel



■ 1228/D
stainless steel

2-module additional cover plates with buttons on double row

■ 1252/D	2-module additional cover plate with 2 buttons in double row, stainless steel
■ 1254/D	As above, with 4 buttons in double row
■ 1256/D	As above, with 6 buttons in double row
■ 1258/D	As above, with 8 buttons in double row
1280/D	As above, with 10 buttons in double row



■ 1252/D
stainless steel



■ 1254/D
stainless steel



■ 1256/D
stainless steel



■ 1258/D
stainless steel



1280/D
stainless steel

Mounting box for 2 module cover plates

9192	Mounting box for entrance panels for 2 modules, provided with cardboard antimortar cover and spacer for installation in banks. Dimensions: 98x254x50 mm
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9192

1200 series - Video entrance panels

Rainproof cover for mounting boxes and 2-module cover plates

1P21	Rainproof trim for 1 x 2-module cover plate, stainless steel. Dimensions: 120x296x39.5 mm
■ 1P21/43	As above, gold
1P22	As above, for 2 x 2-module cover plate. Stainless steel. Dimensions: 220x296x39.5 mm
■ 1P22/43	As above, gold
1P23	As above, for 3 x 2-module cover plate. Stainless steel. Dimensions: 320x296x39.5 mm
■ 1P23/43	As above, gold
1P24	As above, for 4 x 2-module cover plate. Stainless steel. Dimensions: 420x296x39.5 mm
■ 1P24/43	As above, gold



1P21
stainless steel



■ **1P21/43**
gold

Surface mounting boxes with built-in rainproof cover for 2-module cover plates

1E21	Surface mounting box with rainproof trim for 1 x 2-module cover plate, stainless steel. Dimensions: 120x296x74 mm
■ 1E21/43	As above, gold
1E22	As above, for 2 x 2-module cover plate. Stainless steel. Dimensions: 220x296x74 mm
■ 1E22/43	As above, gold
1E23	As above, for 3 x 2-module cover plate. Stainless steel. Dimensions: 320x296x74 mm
■ 1E23/43	As above, gold
1E24	As above, for 4 x 2-module cover plate. Stainless steel. Dimensions: 420x296x74 mm
■ 1E24/43	As above, gold



1E21
stainless steel



■ **1E21/43**
gold

Angular surface mounting box for 2-module cover plates

■ 1A21	Angular surface mounting box for 2-vertical-module, to use with 1P21, stainless steel
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■ **1A21**
stainless steel

1200 series - Video entrance panels

3-module audio/video cover plates

1230	3-module audio-video cover plate without buttons, stainless steel
■ 1230/43	As above, gold
1231	As above, with 1 button, stainless steel
■ 1231/43	As above, with 1 button, gold
1232	As above, with 2 buttons, stainless steel
■ 1232/43	As above, with 2 buttons, gold
1233	As above, with 3 buttons, stainless steel
■ 1233/43	As above, with 3 buttons, gold
1234	As above, with 4 buttons, stainless steel
■ 1234/43	As above, with 4 buttons, gold
1235	As above, with 5 buttons, stainless steel
■ 1235/43	As above, with 5 buttons, gold



1230
stainless steel



■ **1230/43**
gold



1231
stainless steel



■ **1231/43**
gold



1232
stainless steel



■ **1232/43**
gold



1233
stainless steel



■ **1233/43**
gold



1234
stainless steel



■ **1234/43**
gold



1235
stainless steel



■ **1235/43**
gold

1200 series - Video entrance panels

3-module audio/video cover plates

1236	3-module audio-video cover plate with 6 buttons, stainless steel
■ 1236/43	As above, gold
1237	As above, with 7 buttons, stainless steel
■ 1237/43	As above, with 7 buttons, gold
1238	As above, with 8 buttons, stainless steel
■ 1238/43	As above, with 8 buttons, gold
■ 12N1	3-module audio-video cover plate with 1 button and 1 card for house number, stainless steel
■ 12N1/43	As above, gold
■ 12N2	As above, with 2 buttons, stainless steel
■ 12N2/43	As above, with 2 buttons, gold
■ 12N3	As above, with 3 buttons, stainless steel
■ 12N3/43	As above, with 3 buttons, gold



1236
stainless steel



■ **1236/43**
gold



1237
stainless steel



■ **1237/43**
gold



1238
stainless steel



■ **1238/43**
gold



■ **12N1**
stainless steel



■ **12N1/43**
gold



■ **12N2**
stainless steel



■ **12N2/43**
gold



■ **12N3**
stainless steel



■ **12N3/43**
gold

1200 series - Video entrance panels

3-module audio/video cover plates

■ 12N4	3-module audio-video cover plate with 4 buttons and 1 card for house number, stainless steel
■ 12N4/43	As above, gold
■ 12A1	3-module audio-video cover plate with 1 button, with biometric sensor, consumer control unit and connection cable, stainless steel
■ 12A2	As above, with 2 buttons
■ 12A3	As above, with 3 buttons
■ 12A4	As above, with 4 buttons
123D	3-module audio-video cover plate, for use with Due Fili and Digibus electronic units with alphanumeric keypad, with 1 card for 15 names, supplied with card lighting, stainless steel
■ 123D/43	As above, gold
■ 12AD	3-module audio-video cover plate, for use with Due Fili and Digibus electronic units with alphanumeric keypad, with biometric sensor, consumer control unit and connection cable, stainless steel



■ 12N4
acciaio inox



■ 12N4/43
oro



■ 12A1
acciaio inox



■ 12A2
acciaio inox



■ 12A3
acciaio inox



■ 12A4
acciaio inox



123D
acciaio inox



■ 123D/43
oro



■ 12AD
acciaio inox

1200 series - Video entrance panels

3-module additional cover plates

1261	3-module additional cover plate with 1 button, stainless steel
■ 1261/43	As above, gold
1262	As above, with 2 buttons, stainless steel
■ 1262/43	As above, with 2 buttons, gold
1263	As above, with 3 buttons, stainless steel
■ 1263/43	As above, with 3 buttons, gold
1264	As above, with 4 buttons, stainless steel
■ 1264/43	As above, with 4 buttons, gold
1265	As above, with 5 buttons, stainless steel
■ 1265/43	As above, with 5 buttons, gold
1266	As above, with 6 buttons, stainless steel
■ 1266/43	As above, with 6 buttons, gold
1267	As above, with 7 buttons, stainless steel
■ 1267/43	As above, with 7 buttons, gold



1261
stainless steel



■ 1261/43
gold



1262
stainless steel



■ 1262/43
gold



1263
stainless steel



■ 1263/43
gold



1264
stainless steel



■ 1264/43
gold



1265
stainless steel



■ 1265/43
gold



1266
stainless steel



■ 1266/43
gold



1267
stainless steel



■ 1267/43
gold

1200 series - Video entrance panels

3-module additional cover plates

1268	3-module additional cover plate with 8 buttons, stainless steel
■ 1268/43	As above, gold
1269	As above, with 9 buttons, stainless steel
■ 1269/43	As above, with 9 buttons, gold
1270	As above, with 10 buttons, stainless steel
■ 1270/43	As above, with 10 buttons, gold
1271	As above, with 11 buttons, stainless steel
■ 1271/43	As above, with 11 buttons, gold
1272	As above, with 12 buttons, stainless steel
■ 1272/43	As above, with 12 buttons, gold
123N	3-module additional cover plate with 3 cards for 15+15+15 names, supplied with card lighting, stainless steel
■ 123N/43	As above, gold



1268
stainless steel



■ **1268/43**
gold



1269
stainless steel



■ **1269/43**
gold



1270
stainless steel



■ **1270/43**
gold



1271
stainless steel



■ **1271/43**
gold



1272
stainless steel



■ **1272/43**
gold



123N
stainless steel



■ **123N/43**
gold

1200 series - Video entrance panels

3-module audio/video cover plates with buttons on double row

■ 1232/D	3-module audio-video cover plate with 2 buttons in double row, stainless steel
■ 1234/D	As above, with 4 buttons in double row
■ 1236/D	As above, with 6 buttons in double row
■ 1238/D	As above, with 8 buttons in double row
■ 1240/D	As above, with 10 buttons in double row
■ 1242/D	As above, with 12 buttons in double row
■ 1244/D	As above, with 14 buttons in double row
■ 1246/D	As above, with 16 buttons in double row
■ 12N2/D	3-module audio-video cover plate with 2 buttons in double row and 1 card for house number, stainless steel
■ 12N4/D	As above, with 4 buttons in double row
■ 12N6/D	As above, with 6 buttons in double row
■ 12N8/D	As above, with 8 buttons in double row



■ 1232/D
stainless steel



■ 1234/D
stainless steel



■ 1236/D
stainless steel



■ 1238/D
stainless steel



■ 1240/D
stainless steel



■ 1242/D
stainless steel



■ 1244/D
stainless steel



1246/D
stainless steel



■ 12N2/D
stainless steel



■ 12N4/D
stainless steel



■ 12N6/D
stainless steel



■ 12N8/D
stainless steel

1200 series - Video entrance panels

3-module additional cover plates with buttons on double row

■ 1262/D	3-module additional cover plate with 2 buttons in double row, stainless steel
■ 1264/D	As above, with 4 buttons in double row
■ 1266/D	As above, with 6 buttons in double row
■ 1268/D	As above, with 8 buttons in double row
■ 1270/D	As above, with 10 buttons in double row
■ 1272/D	As above, with 12 buttons in double row
■ 1274/D	As above, with 14 buttons in double row
■ 1276/D	As above, with 16 buttons in double row
■ 1278/D	As above, with 18 buttons in double row
■ 1290/D	As above, with 20 buttons in double row
■ 1292/D	As above, with 22 buttons in double row
■ 1294/D	As above, with 24 buttons in double row



■ 1262/D
stainless steel



■ 1264/D
stainless steel



■ 1266/D
stainless steel



■ 1268/D
stainless steel



■ 1270/D
stainless steel



■ 1272/D
stainless steel



■ 1274/D
stainless steel



■ 1276/D
stainless steel



■ 1278/D
stainless steel



■ 1290/D
stainless steel



■ 1292/D
stainless steel



■ 1294/D
stainless steel

1200 series - Video entrance panels

Mounting box for 2 module cover plates

9193	Mounting box for entrance panels for 3 modules, provided with cardboard antimortar cover and spacer for installation in banks. Dimensions: 98x365x50 mm
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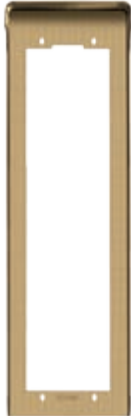
9193

Rainproof cover for mounting boxes and 3-module cover plates

1P31	Rainproof trim for 1 x 3-module cover plate, stainless steel. Dimensions: 120x410x39.5 mm
■ 1P31/43	As above, gold
1P32	As above, for 2 x 3-module cover plate. Stainless steel. Dimensions: 220x410x39.5 mm
■ 1P32/43	As above, gold
1P33	As above, for 3 x 3-module cover plate. Stainless steel. Dimensions: 320x410x39.5 mm
■ 1P33/43	As above, gold
1P34	As above, for 4 x 3-module cover plate. Stainless steel. Dimensions: 420x410x39.5 mm
■ 1P34/43	As above, gold



1P31
stainless steel



■ 1P31/43
gold

1200 series - Video entrance panels

Surface mounting boxes with built-in rainproof cover for 3-module cover plates

1E31	Surface mounting box with rainproof trim for 1 x 3-module cover plate, stainless steel. Dimensions: 120x410x74 mm
■ 1E31/43	As above, gold
1E32	As above, for 2 x 3-module cover plate. Stainless steel. Dimensions: 220x410x74 mm
■ 1E32/43	As above, gold
1E33	As above, for 3 x 3-module cover plate. Stainless steel. Dimensions: 320x410x74 mm
■ 1E33/43	As above, gold
1E34	As above, for 4 x 3-module cover plate. Stainless steel. Dimensions: 420x410x74 mm
■ 1E34/43	As above, gold



1E31
stainless steel



■ **1E31/43**
gold

Angular surface mounting box for 3-module cover plates

■ 1A31	Angular surface mounting box for 3-vertical-module, to use with 1P31, stainless steel
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■ **1A31**
stainless steel

Reinforced 1200 series - Video entrance panels

Electronic units

Audio and audio/video electronic units combinable with 1200, 1300 and 8000 series to make up entrance panels. Supplied with a standard configuration, they can be customized to suit the particular system. The electronic unit can be programmed from the unit itself, or using programmer 950C, or alternatively, the PC software application SaveProg with interface 692I or 692I/U.

Conformity to standards

EMC directive

Standards EN 60065, EN 61000-6-1, EN 61000-6-3

13F4 and 13F7 - Main specifications

- Electronic unit with alphanumeric display.
- Alphanumeric keypad for making calls, exploring the electronic index, and configuring basic and advanced parameters of the electronic unit.
- Option to connect additional module 12TS (4 buttons in single row).
- Indication of "BUSY - PLEASE WAIT" message and operating steps on panel display.
- Electronic index with memory capacity for 1000 users (2 names of 16 characters each, per user).
- Audio external unit with sound balance control provided by trimmers and internal and external volume levels, via configuration menu.
- 13F7 with built-in colour camera with 1/4" sensor, minimum lighting 1.0 lux, user name backlit by white light Led, manual pan/tilt adjustment.
- 13F4 with inputs/outputs for connection and control of external camera, in configuration as video electronic unit.
- Power supply from Due Fili Plus Bus.
- Input for additional power supply (6923).
- Output for activation of electric lock (peak current $I_T > 1$ A for 10 mS followed by holding current $I_M = 200$ mA for as long as the lock control remains active).
- 2 outputs for activation of 2 relays 0170/001 operating auxiliary services.
- Input for door open sensor.
- Input for activation of lock by remote control.
- Removable terminal block for connection to system.

Technical data	13F4	13F7
Power supply from Bus	min. voltage 24 Vdc	min. voltage 24 Vdc
Sensor	-	1/4"
Absorption stand-by	120 mA	120 mA
Max absorption operation	320 mA	320 mA
Minimum lighting	-	1.0 lux
Operating temperature	-10 °C to +55 °C	-10 °C to +55 °C
Camera adjustment	-	manual
Additional power supply	with 6923	with 6923

Option of using additional power supply 6923 where necessary (Bus voltage at terminals 1 and 2 of electronic unit registering < 24 Vdc)

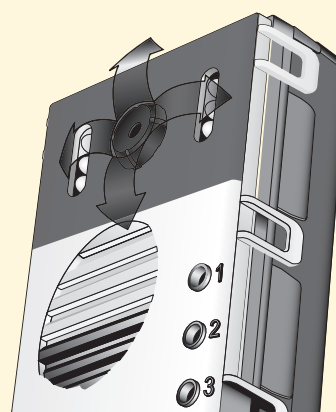
13F3 and 13F5 - Main specifications

- Electronic unit with 8 call buttons arranged in 2 rows (4+4).
- Facility of increasing the number of call buttons by installing additional module 12TS (4 buttons in single row).
- Luminous indication of "BUSY - PLEASE WAIT" message.
- Audio external unit with sound balance, internal volume and external volume adjustments provided by trimmers.
- 13F5 with built-in colour camera with 1/4" sensor, minimum lighting 1.0 lux, user name backlit by white light Led, manual pan/tilt adjustment.
- 13F3 with inputs/outputs for connection and control of external camera, in configuration as video electronic unit.
- Basic parameters configurable with the buttons of the electronic unit; configuration of advanced parameters using programmer 950C or alternatively, the PC software application SaveProg.
- Power supply from Due Fili Plus Bus.
- Input for additional power supply (6923).
- Output for activation of electric lock (peak current $I_T > 1$ A for 10 mS followed by holding current $I_M = 200$ mA for as long as the lock control remains active).
- 2 outputs for activation of 2 relays 0170/001 operating auxiliary services.
- Input for door open sensor.
- Input for activation of lock by remote control.
- Removable terminal block for connection to system.

Technical data	13F3	13F5
Power supply from Bus	min. voltage 24 Vdc	min. voltage 24 Vdc
Sensor	-	1/4"
Absorption stand-by	60 mA	60 mA
Max absorption operation	260 mA	260 mA
Minimum lighting	-	1.0 lux
Operating temperature	-10 °C to +55 °C	-10 °C to +55 °C
Camera adjustment	-	manual
Additional power supply	with 6923	with 6923

Option of using additional power supply 6923 where necessary (Bus voltage at terminals 1 and 2 of electronic unit registering < 24 Vdc)

Manual pan and tilt adjustment



DUE FILI PLUS VIDEO DOOR ENTRY SYSTEMS



Reinforced 1200 series - Video entrance panels

Electronic units with alphanumeric keypad

13F4	Due Fili electronic unit for audio entrance panel with alphanumeric keypad, display and electronic directory, 6400 internal units, option of connecting to a CCTV type external camera, stainless steel buttons
13F7	Due Fili electronic unit for colour video entrance panel with alphanumeric keypad, display and electronic directory, 6400 internal units, stainless steel buttons



13F4
stainless steel buttons



13F7
stainless steel buttons

Electronic units with buttons

13F3	Due Fili electronic unit for audio entrance panel with traditional buttons, BUSY-WAIT indication, 8 buttons in 2 rows (4+4), option of connecting to a CCTV type external camera
13F5	Due Fili electronic unit for colour video entrance panel with traditional buttons, colour camera, BUSY-WAIT indication, 8 buttons in 2 rows (4+4)



13F3



13F5

Additional module

12TS	Additional electronic unit with 4 buttons in 1 row, for use with electronic units for 8000, 1200 and 1300 entrance panels
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12TS

Reinforced 1200 series - Video entrance panels

1200 series plates, reinforced

2-module stainless steel cover plates with frame, for use in conjunction with electronic units, rainproof frames, flush or surface mounting boxes, as components of entrance panels.

Audio/video cover plates can be extended by fitting additional plates, with flush mounting boxes.

Conformity to standards

EMC directive

Standards EN 61000-6-1, EN 61000-6-3

Main specifications

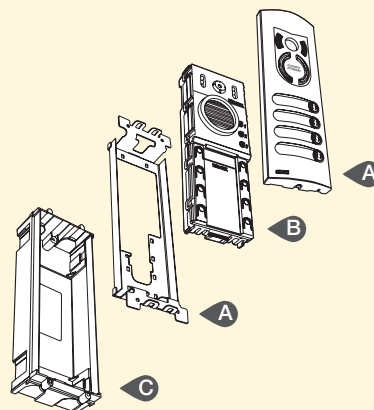
- The entrance panel are made of stainless steel AISI 316 (4VA) and 8/10 gauge, with satin treatment finish (sable grey), resistant to the atmospheric agents and in saline environment installations.
- IK10 protection degree against impacts and IP44 protection degree.
- Pressure diecast aluminium heads (allowing fitment of front to frame by means of a special screw).
- Buttons carried in transparent impact-resistant polycarbonate support.
- Stainless steel frame.
- Buttons moulded from transparent polycarbonate with protective stainless steel cap.
- Single version of cover plate used for audio or audio/video electronic unit.
- Dimensions of 2-module cover plate: 100x280x22 mm

Flush-mounted installation

A) Cover plate and frame.

B) Electronic unit.

C) Flush-mounting back box.



DUE FILI PLUS VIDEO DOOR ENTRY SYSTEMS



Reinforced 1200 series - Video entrance panels

2-module audio/video cover plates

1220/35	2-module audio-video cover plate without buttons, sable grey
1221/35	As above, with 1 button
1222/35	As above, with 2 buttons
1223/35	As above, with 3 buttons
1224/35	As above, with 4 buttons
1258/35	2-module additional cover plate with 8 buttons, sable grey



1220/35
sable grey



1221/35
sable grey



1222/35
sable grey



1223/35
sable grey



1224/35
sable grey



1258/35
sable grey

2-module audio/video cover plates

122D/35	2-module audio-video cover plate for Due Fili Plus and DigiBus electronic units with alphanumeric keypad, sable grey
122N/35	2-module additional cover plate with 2 cards for 15+15 names, supplied with card lighting, sable grey



122D/35
sable grey



122N/35
sable grey

Mounting box for 2 module cover plates

9192	Mounting box for entrance panels for 2 modules, provided with cardboard antimortar cover and spacer for installation in banks. Dimensions: 98x254x50 mm
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9192

1200 series - Video door entrance posts

Electronic units

Audio and audio/video electronic units combinable with 1200 series columns. Supplied with a standard configuration, they can be customized to suit the particular system. The electronic unit can be programmed from the unit itself, or using programmer 950C, or alternatively, the PC software application SaveProg with interface 692I or 692I/U.

Conformity to standards

EMC directive

Standards EN 60065, EN 61000-6-1, EN 61000-6-3

13F4 and 13F7 - Main specifications

- Electronic unit with alphanumeric display.
- Alphanumeric keypad for making calls, exploring the electronic index, and configuring basic and advanced parameters of the electronic unit.
- Option to connect additional module 12TS (4 buttons in single row).
- Indication of "BUSY - PLEASE WAIT" message and operating steps on panel display.
- Electronic index with memory capacity for 1000 users (2 names of 16 characters each, per user).
- Audio external unit with sound balance control provided by trimmers and internal and external volume levels, via configuration menu.
- 13F7 with built-in colour camera with 1/4" sensor, minimum lighting 1.0 lux, user name backlit by white light Led, manual pan/tilt adjustment.
- 13F4 with inputs/outputs for connection and control of external camera, in configuration as video electronic unit.
- Power supply from Due Fili Plus Bus.
- Input for additional power supply (6923).
- Output for activation of electric lock (peak current $I_T > 1$ A for 10 mS followed by holding current $I_M = 200$ mA for as long as the lock control remains active).
- 2 outputs for activation of 2 relays 0170/001 operating auxiliary services.
- Input for door open sensor.
- Input for activation of lock by remote control.
- Removable terminal block for connection to system.

Technical data	13F4	13F7
Power supply from Bus	min. voltage 24 Vdc	min. voltage 24 Vdc
Sensor	-	1/4"
Absorption stand-by	120 mA	120 mA
Max absorption operation	320 mA	320 mA
Minimum lighting	-	1.0 lux
Operating temperature	-10 °C to +55 °C	-10 °C to +55 °C
Camera adjustment	-	manual
Additional power supply	with 6923	with 6923

Option of using additional power supply 6923 where necessary (Bus voltage at terminals 1 and 2 of electronic unit registering < 24 Vdc)

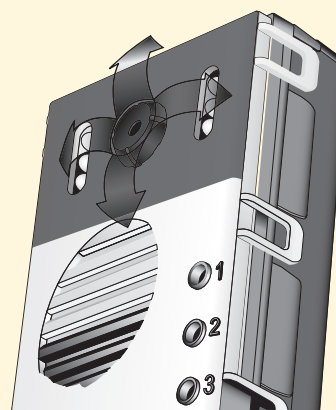
13F3 and 13F5 - Main specifications

- Electronic unit with 8 call buttons arranged in 2 rows (4+4).
- Facility of increasing the number of call buttons by installing additional module 12TS (4 buttons in single row).
- Luminous indication of "BUSY - PLEASE WAIT" message.
- Audio external unit with sound balance, internal volume and external volume adjustments provided by trimmers.
- 13F5 with built-in colour camera with 1/4" sensor, minimum lighting 1.0 lux, user name backlit by white light Led, manual pan/tilt adjustment.
- 13F3 with inputs/outputs for connection and control of external camera, in configuration as video electronic unit.
- Basic parameters configurable with the buttons of the electronic unit; configuration of advanced parameters using programmer 950C or alternatively, the PC software application SaveProg.
- Power supply from Due Fili Plus Bus.
- Input for additional power supply (6923).
- Output for activation of electric lock (peak current $I_T > 1$ A for 10 mS followed by holding current $I_M = 200$ mA for as long as the lock control remains active).
- 2 outputs for activation of 2 relays 0170/001 operating auxiliary services.
- Input for door open sensor.
- Input for activation of lock by remote control.
- Removable terminal block for connection to system.

Technical data	13F3	13F5
Power supply from Bus	min. voltage 24 Vdc	min. voltage 24 Vdc
Sensor	-	1/4"
Absorption stand-by	60 mA	60 mA
Max absorption operation	260 mA	260 mA
Minimum lighting	-	1.0 lux
Operating temperature	-10 °C to +55 °C	-10 °C to +55 °C
Camera adjustment	-	manual
Additional power supply	with 6923	with 6923

Option of using additional power supply 6923 where necessary (Bus voltage at terminals 1 and 2 of electronic unit registering < 24 Vdc)

Manual pan and tilt adjustment



DUE FILI PLUS VIDEO DOOR ENTRY SYSTEMS



1200 series - Video door entrance posts

Electronic units with alphanumeric keypad

13F4	Due Fili electronic unit for audio entrance panel with alphanumeric keypad, display and electronic directory, 6400 internal units, option of connecting to a CCTV type external camera, stainless steel buttons
13F7	Due Fili electronic unit for colour video entrance panel with alphanumeric keypad, display and electronic directory, 6400 internal units, stainless steel buttons



13F4
stainless steel buttons



13F7
stainless steel buttons

Electronic units with buttons

13F3	Due Fili electronic unit for audio entrance panel with traditional buttons, BUSY-WAIT indication, 8 buttons in 2 rows (4+4), option of connecting to a CCTV type external camera
13F5	Due Fili electronic unit for colour video entrance panel with traditional buttons, colour camera, BUSY-WAIT indication, 8 buttons in 2 rows (4+4)



13F3



13F5

Additional module

12TS	Additional electronic unit with 4 buttons in 1 row, for use with electronic units for 8000, 1200 and 1300 entrance panels
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12TS

1200 series - Video door entrance posts

Post with height measurement 173 cm

■ 12C1	Post with 1 button, for use with Due Fili Plus electronic units, height 173 cm, stainless steel
■ 12C2	As above, with 2 buttons
■ 12C3	As above, with 3 buttons
■ 12C4	As above, with 4 buttons
■ 12C5	As above, with 5 buttons
■ 12C6	As above, with 6 buttons
■ 12C7	As above, with 7 buttons
■ 12C8	As above, with 8 buttons
■ 12CD	Post for use with Due Fili Plus electronic units with alphanumeric keypad, with 1 card for 15 names, supplied with card lighting, height 173 cm, stainless steel



1200 series - Video door entrance posts

Post with height measurement 147 cm

■ 12C1/B	Post with 1 button, for use with Due Fili Plus electronic units, height 147 cm, stainless steel
■ 12C2/B	As above, with 2 buttons
■ 12C3/B	As above, with 3 buttons
■ 12C4/B	As above, with 4 buttons
■ 12C5/B	As above, with 5 buttons
■ 12C6/B	As above, with 6 buttons
■ 12C7/B	As above, with 7 buttons
■ 12C8/B	As above, with 8 buttons
■ 12CD/B	Post for use with Due Fili Plus electronic units with alphanumeric keypad, with 1 card for 15 names, supplied with card lighting, height 147 cm, stainless steel



■ **12C4/B**
stainless steel

■ **12CD/B**
stainless steel

8000 series - Video entrance panels

Electronic units

Audio and audio/video electronic units combinable with 1200, 1300 and 8000 series to make up entrance panels. Supplied with a standard configuration, they can be customized to suit the particular system. The electronic unit can be programmed from the unit itself, or using programmer 950C, or alternatively, the PC software application SaveProg with interface 692I or 692I/U.

Conformity to standards

EMC directive

Standards EN 60065, EN 61000-6-1, EN 61000-6-3

13F4 and 13F7 - Main specifications

- Electronic unit with alphanumeric display.
- Alphanumeric keypad for making calls, exploring the electronic index, and configuring basic and advanced parameters of the electronic unit.
- Option to connect additional module 12TS (4 buttons in single row).
- Indication of "BUSY - PLEASE WAIT" message and operating steps on panel display.
- Electronic index with memory capacity for 1000 users (2 names of 16 characters each, per user).
- Audio external unit with sound balance control provided by trimmers and internal and external volume levels, via configuration menu.
- 13F7 with built-in colour camera with 1/4" sensor, minimum lighting 1.0 lux, user name backlit by white light Led, manual pan/tilt adjustment.
- 13F4 with inputs/outputs for connection and control of external camera, in configuration as video electronic unit.
- Power supply from Due Fili Plus Bus.
- Input for additional power supply (6923).
- Output for activation of electric lock (peak current $I_T > 1$ A for 10 ms followed by holding current $I_M = 200$ mA for as long as the lock control remains active).
- 2 outputs for activation of 2 relays 0170/001 operating auxiliary services.
- Input for door open sensor.
- Input for activation of lock by remote control.
- Removable terminal block for connection to system.

Technical data	13F4	13F7
Power supply from Bus	min. voltage 24 Vdc	min. voltage 24 Vdc
Sensor	-	1/4"
Absorption stand-by	120 mA	120 mA
Max absorption operation	320 mA	320 mA
Minimum lighting	-	1.0 lux
Operating temperature	-10 °C to +55 °C	-10 °C to +55 °C
Camera adjustment	-	manual
Additional power supply	with 6923	with 6923

Option of using additional power supply 6923 where necessary (Bus voltage at terminals 1 and 2 of electronic unit registering < 24 Vdc)

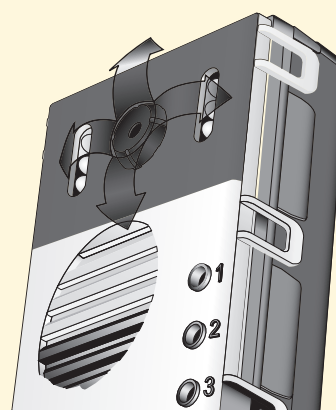
13F3 and 13F5 - Main specifications

- Electronic unit with 8 call buttons arranged in 2 rows (4+4).
- Facility of increasing the number of call buttons by installing additional module 12TS (4 buttons in single row).
- Luminous indication of "BUSY - PLEASE WAIT" message.
- Audio external unit with sound balance, internal volume and external volume adjustments provided by trimmers.
- 13F5 with built-in colour camera with 1/4" sensor, minimum lighting 1.0 lux, user name backlit by white light Led, manual pan/tilt adjustment.
- 13F3 with inputs/outputs for connection and control of external camera, in configuration as video electronic unit.
- Basic parameters configurable with the buttons of the electronic unit; configuration of advanced parameters using programmer 950C or alternatively, the PC software application SaveProg.
- Power supply from Due Fili Plus Bus.
- Input for additional power supply (6923).
- Output for activation of electric lock (peak current $I_T > 1$ A for 10 ms followed by holding current $I_M = 200$ mA for as long as the lock control remains active).
- 2 outputs for activation of 2 relays 0170/001 operating auxiliary services.
- Input for door open sensor.
- Input for activation of lock by remote control.
- Removable terminal block for connection to system.

Technical data	13F3	13F5
Power supply from Bus	min. voltage 24 Vdc	min. voltage 24 Vdc
Sensor	-	1/4"
Absorption stand-by	60 mA	60 mA
Max absorption operation	260 mA	260 mA
Minimum lighting	-	1.0 lux
Operating temperature	-10 °C to +55 °C	-10 °C to +55 °C
Camera adjustment	-	manual
Additional power supply	with 6923	with 6923

Option of using additional power supply 6923 where necessary (Bus voltage at terminals 1 and 2 of electronic unit registering < 24 Vdc)

Manual pan and tilt adjustment



8000 series - Video entrance panels

Electronic units with alphanumeric keypad

13F4	Due Fili Plus electronic unit for audio entrance panel with alphanumeric keypad, display and electronic directory, 6400 internal units, option of connecting to a CCTV type external camera, stainless steel buttons
13F7	Due Fili Plus electronic unit for colour video entrance panel with alphanumeric keypad, display and electronic directory, 6400 internal units, stainless steel buttons



13F4
stainless steel buttons



13F7
stainless steel buttons

Electronic units with buttons

13F3	Due Fili Plus electronic unit for audio entrance panel with traditional buttons, BUSY-WAIT indication, 8 buttons in 2 rows (4+4), option of connecting to a CCTV type external camera
13F5	Due Fili Plus electronic unit for colour video entrance panel with traditional buttons, colour camera, BUSY-WAIT indication, 8 buttons in 2 rows (4+4)



13F3



13F5

Additional module

12TS	Additional electronic unit with 4 buttons in 1 row, for use with electronic units for 8000, 1200 and 1300 entrance panels
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12TS

8000 series - Video entrance panels

8000 series

8000 series entrance panels consist of the following elements, in combination with electronic units: standard modules, additional modules, module frames, rainproof frames, flush wall mount back boxes, surface mount back boxes. Steps required to make up an 8000 series entrance panel: selection of electronic unit, selection of modules suitable for the unit, selection of one or more frames for assembly of the modules, and selection of the appropriate back box — surface wall mount or flush wall mount — depending on the type of installation. When using a surface mounted back box, the rainproof frame is also required; the rain guard is not necessary for flush-mounted panels, but recommended nonetheless.

Conformity to standards

EMC directive

Standards EN 61000-6-1, EN 61000-6-3

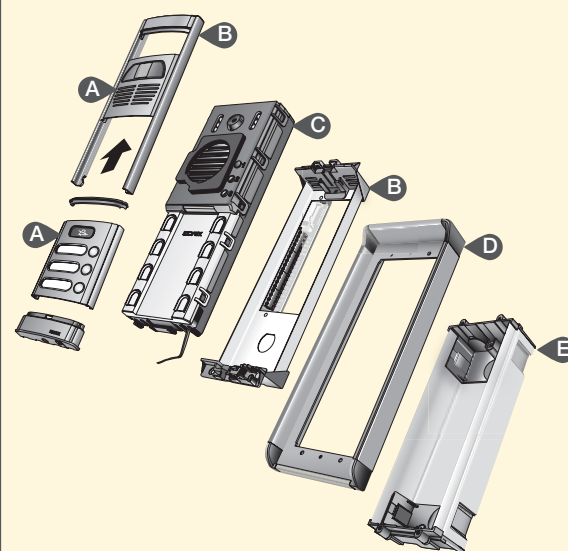
Main specifications

- Modules and frames made of extruded and painted aluminium.
- Buttons moulded from transparent engineering polymer with protective stainless steel cap.
- Module for video units, with scratch-resistant and non-reflective hemispherical lens.
- Degree IP33.
- Dimensions of 2-module cover plate: 101x271 mm
- Dimensions of 3-module cover plate: 101x383 mm

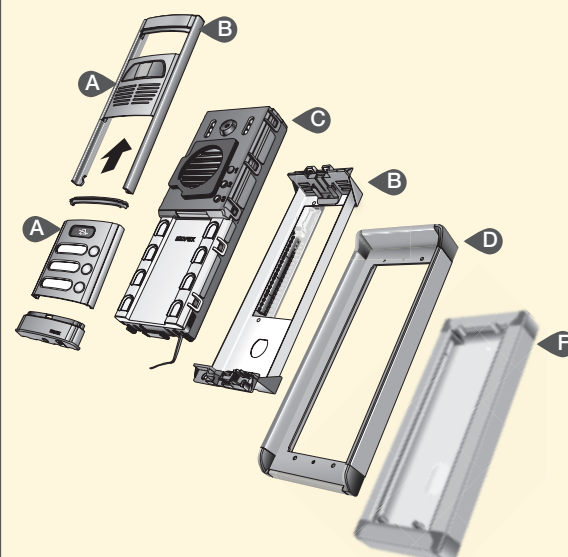
Installations

- A) Modules.
- B) Module mounting frame.
- C) Electronic unit.
- D) Rainproof frame.
- E) Flush mounting back box.
- F) Surface mounting back box.

Flush-mounted installation with rainproof frame



Surface-mounted installation with rainproof frame



8000 series - Video entrance panels

Standard modules

■ RPC5	Standard audio-video module, for use with one of the RPR1, RP01, RP02 or RP03 modules, light grey RAL 7035
■ RPC5/21	As above, anthracite
■ RPC5/35	As above, sable grey
■ RPC5/39	As above, brushed aluminium
■ RPF3	Standard audio module, for use with one of the RPR1, RP01, RP02 or RP03 modules, light grey RAL 7035
■ RPF3/21	As above, anthracite
■ RPF3/35	As above, sable grey
■ RPF3/39	As above, brushed aluminium
■ RP00	Standard module without buttons, with BUSY-WAIT indication, for use with one of either RPC5 or RPF3 modules, light grey RAL 7035
■ RP00/35	As above, sable grey
■ RP00/39	As above, brushed aluminium
■ RP01	Standard module with 1 button and BUSY-WAIT indication, for use with one of either RPC5 or RPF3 modules, light grey RAL 7035
■ RP01/35	As above, sable grey
■ RP01/39	As above, brushed aluminium
■ RP02	Standard module with 2 buttons and BUSY-WAIT indication, for use with one of either RPC5 or RPF3 modules, light grey RAL 7035
■ RP02/21	As above, anthracite
■ RP02/35	As above, sable grey
■ RP02/39	As above, brushed aluminium
■ RP03	Standard module with 3 buttons and BUSY-WAIT indication, for use with one of either RPC5 or RPF3 modules, light grey RAL 7035
■ RP03/35	As above, sable grey
■ RP03/39	As above, brushed aluminium



■ **RPC5**
light grey RAL 7035



■ **RPF3**
light grey RAL 7035



■ **RP00**
light grey RAL 7035



■ **RP01**
light grey RAL 7035



■ **RP02**
light grey RAL 7035



■ **RP03**
light grey RAL 7035

8000 series - Video entrance panels

Standard modules

■ RPC5	Standard audio-video module, for use with one of the RPR1, RP01, RP02 or RP03 modules, light grey RAL 7035
■ RPC5/21	As above, anthracite
■ RPC5/35	As above, sable grey
■ RPC5/39	As above, brushed aluminium
■ RPF3	Standard audio module, for use with one of the RPR1, RP01, RP02 or RP03 modules, light grey RAL 7035
■ RPF3/21	As above, anthracite
■ RPF3/35	As above, sable grey
■ RPF3/39	As above, brushed aluminium
■ RPR1	Standard module with keypad and display, for use with one of either RPC5 or RPF3 modules, light grey RAL 7035
■ RPR1/35	As above, sable grey
■ RPR1/39	As above, brushed aluminium



■ **RPC5**
light grey RAL 7035



■ **RPF3**
light grey RAL 7035



■ **RPR1**
light grey RAL 7035

Additional modules

8000	Blank module, light grey RAL 7035
■ 8000/21	As above, anthracite
■ 8000/35	As above, sable grey
■ 8000/39	As above, brushed aluminium
■ RPS1	Additional module with 1 button, for use with electronic unit 12TS, light grey RAL 7035
■ RPS1/21	As above, anthracite
■ RPS2	As above, with 2 buttons
■ RPS2/21	As above, with 2 buttons. Anthracite
■ RPS3	As above, with 3 buttons
■ RPS4	As above, with 4 buttons
805N	Module with illuminated card for 13 names complete with LED lighting system with system for removing the card from the rear, light grey RAL 7035
■ 805N/21	As above, anthracite
■ 805N/35	As above, sable grey
■ 805N/39	As above, brushed aluminium
80PN	Module with house number, with rear card extraction system, light grey RAL 7035
■ 80PN/21	As above, anthracite
■ 80PN/35	As above, sable grey
■ 80PN/39	As above, brushed aluminium



8000
light grey RAL 7035



■ **RPS1**
light grey RAL 7035



■ **RPS2**
light grey RAL 7035



■ **RPS3**
light grey RAL 7035



■ **RPS4**
light grey RAL 7035



805N
light grey RAL 7035



80PN
light grey RAL 7035

8000 series - Video entrance panels

Module-holder frames

8082	Frame for 2 modules and for 2 x 804x, 805x or RPSx additional modules only (Due Fili Plus and Digibus only), consisting of an external frame and button holder, light grey RAL 7035. Dimensions: 101x271 mm
■ 8082/19	As above, grey total look
■ 8082/21	As above, anthracite
■ 8082/35	As above, sable grey
■ 8082/39	As above, brushed aluminium
8092	Frame for 2 modules, consisting of an external frame and electronic unit holder, to be used for 89Fx standard modules (Due Fili) or RPR1+RPC5, RPR1+RPF3, RP0x+RPC5 or RP0x+RPF3 standard modules (Due Fili Plus and Digibus), light grey RAL 7035. Dimensions: 101x271 mm
■ 8092/19	As above, grey total look
■ 8092/21	As above, anthracite
■ 8092/35	As above, sable grey
■ 8092/39	As above, brushed aluminium
8083	Frame for 3 modules and for 3 x 804x, 805x or RPSx additional modules only (Due Fili Plus and Digibus only), consisting of an external frame and button holder, light grey RAL 7035. Dimensions: 101x383 mm
■ 8083/19	As above, grey total look
■ 8083/21	As above, anthracite
■ 8083/35	As above, sable grey
■ 8083/39	As above, brushed aluminium
8093	Frame for 3 modules, consisting of an external frame and electronic unit holder, to be used for 89Fx standard modules (Due Fili) and an additional 804x or 805x module, or for RPR1+RPC5, RPR1+RPF3, RP0x+RPC5 or RP0x+RPF3 standard modules (Due Fili Plus and Digibus) and an additional RPSx module, light grey RAL 7035. Dimensions: 101x383 mm
■ 8093/19	As above, grey total look
■ 8093/35	As above, sable grey
■ 8093/39	As above, brushed aluminium



8000 series - Video entrance panels

Mounting boxes

9192	Mounting box for entrance panels for 2 modules, provided with cardboard antimortar cover and spacer for installation in banks. Dimensions: 98x254x50 mm
9193	Mounting box for entrance panels for 3 modules, provided with cardboard antimortar cover and spacer for installation in banks. Dimensions: 98x365x50 mm



9192

9193

Rainproof cover for mounting boxes

9212	Rainproof trim for 2 modules, light grey RAL 7035. Dimensions: 118x290x38 mm
■ 9212/19	As above, grey total look
■ 9212/21	As above, anthracite
■ 9212/35	As above, sable grey
■ 9212/39	As above, brushed aluminium
9222	Rainproof trim for 4 modules in 2 rows of 2 modules, light grey RAL 7035. Dimensions: 218x290x38 mm
■ 9222/19	As above, grey total look
■ 9222/21	As above, anthracite
■ 9222/35	As above, sable grey
■ 9222/39	As above, brushed aluminium
9232	Rainproof trim for 6 modules in 3 rows of 2 modules, light grey RAL 7035. Dimensions: 318x290x38 mm
■ 9232/19	As above, grey total look
■ 9232/35	As above, sable grey
■ 9232/39	As above, brushed aluminium
9242	Rainproof trim for 8 modules in 4 rows of 2 modules, light grey RAL 7035. Dimensions: 418x290x38 mm
■ 9242/35	Come sopra, grigio sablé
9213	Rainproof trim for 3 modules, light grey RAL 7035. Dimensions: 118x402x38 mm
■ 9213/19	As above, grey total look
■ 9213/21	As above, anthracite
■ 9213/35	As above, sable grey
■ 9213/39	As above, brushed aluminium
9223	Rainproof trim for 6 modules in 2 rows of 3 modules, light grey RAL 7035. Dimensions: 218x402x38 mm
■ 9223/19	As above, grey total look
■ 9223/21	As above, anthracite
■ 9223/35	As above, sable grey
■ 9223/39	As above, brushed aluminium



9212
light grey RAL 7035



9222
light grey RAL 7035



9232
light grey RAL 7035

8000 series - Video entrance panels

Rainproof cover for mounting boxes

9233	Rainproof trim for 9 modules in 3 rows of 3 modules, light grey RAL 7035. Dimensions: 318x402x38 mm
■ 9233/19	As above, grey total look
■ 9233/21	As above, anthracite
■ 9233/35	As above, sable grey
■ 9233/39	As above, brushed aluminium
9243	Rainproof trim for 12 modules in 4 rows of 3 modules, light grey RAL 7035. Dimensions: 418x402x38 mm
■ 9243/35	As above, sable grey



9233
light grey RAL 7035

Surface mounting boxes

9312	Surface mounting box for 2 modules, for use with rainproof trim 9212, light grey RAL 7035. Dimensions: 118x290x30 mm
■ 9312/19	As above, grey total look
■ 9312/21	As above, anthracite
■ 9312/35	As above, sable grey
■ 9312/39	As above, brushed aluminium
9322	Surface mounting box for 4 modules in 2 rows of 2 modules, for use with rainproof trim 9222, light grey RAL 7035. Dimensions: 218x290x30 mm
■ 9322/19	As above, grey total look
■ 9322/21	As above, anthracite
■ 9322/35	As above, sable grey
■ 9322/39	As above, brushed aluminium
■ 9332	Surface mounting box for 6 modules in 3 rows of 2 modules, for use with rainproof trim 9232, light grey RAL 7035. Dimensions: 318x290x30 mm
■ 9332/35	As above, sable grey
■ 9332/39	As above, brushed aluminium
■ 9342	Surface mounting box for 8 modules in 4 rows of 2 modules, for use with rainproof trim 9242, light grey RAL 7035. Dimensions: 418x290x30 mm
■ 9342/35	As above, sable grey



9312
light grey RAL 7035



9322
light grey RAL 7035



■ **9332**
light grey RAL 7035

8000 series - Video entrance panels

Surface mounting boxes

9313	Surface mounting box for 3 modules, for use with rainproof trim 9213, light grey RAL 7035. Dimensions: 118x402x30 mm
■ 9313/19	As above, grey total look
■ 9313/21	As above, anthracite
■ 9313/35	As above, sable grey
■ 9313/39	As above, brushed aluminium
9323	Surface mounting box for 6 modules in 2 rows of 3 modules, for use with rainproof trim 9223, light grey RAL 7035. Dimensions: 218x402x30 mm
■ 9323/19	As above, grey total look
■ 9323/21	As above, anthracite
■ 9323/35	As above, sable grey
■ 9323/39	As above, brushed aluminium
9333	Surface mounting box for 9 modules in 3 rows of 3 modules, for use with rainproof trim 9233, light grey RAL 7035. Dimensions: 318x402x30 mm
■ 9333/19	As above, grey total look
■ 9333/35	As above, sable grey
■ 9333/39	As above, brushed aluminium
■ 9343	Surface mounting box for 12 modules in 4 rows of 3 modules, for use with rainproof trim 9243, light grey RAL 7035. Dimensions: 418x402x30 mm
■ 9343/35	As above, sable grey



9313
light grey RAL 7035



9323
light grey RAL 7035



9333
light grey RAL 7035

8000 series - Video entrance panels

Angular surface mounting boxes

■ 9312/A	Angular surface mounting box for 2 modules, for use with rainproof trim 9212, light grey RAL 7035. Dimensions: 85x290x85 mm
■ 9312/A35	As above, sable grey
■ 9322/A	Angular surface mounting box for 4 modules in 2 rows of 2 modules, for use with rainproof trim 9222, light grey RAL 7035. Dimensions: 156x290x156 mm
■ 9322/A35	As above, sable grey
■ 9313/A	Angular surface mounting box for 3 modules, for use with rainproof trim 9213, light grey RAL 7035. Dimensions: 85x402x85 mm
■ 9313/A35	As above, sable grey
■ 9323/A	Angular surface mounting box for 6 modules in 2 rows of 3 modules, for use with rainproof trim 9223, light grey RAL 7035. Dimensions: 156x402x156 mm
■ 9323/A35	As above, sable grey



■ **9312/A**

light grey RAL 7035

■ **9313/A**

light grey RAL 7035

Patavium series - Video entrance panels

Patavium series entrance panels

Entrance panels comprising cover plate, mounting box and electronic unit. Cover plates are made of gilt brass and protected by a PVD coating. Buttons and name-tags are backlit by Leds. Entrance panels can be expanded by installing additional panels alongside. Supplied with a standard configuration, they can be customized to suit the particular system. The electronic unit can be programmed from the unit itself, or using programmer 950C, or alternatively, the PC software application SaveProg with interface 692I or 692I/U.

Conformity to standards

EMC directive

Standards EN 60065, EN 61000-6-1, EN 61000-6-3

13T4 and 13T7 - Main specifications

- Electronic unit with alphanumeric display.
- Cover plate made of gilt brass and protected by a PVD coating.
- Flush-mounting sheet metal back box, galvanized.
- Alphanumeric keypad for making calls, exploring the electronic index, and configuring basic and advanced parameters of the electronic unit.
- Option to connect 8054/T additional entrance panel.
- Indication of "BUSY - PLEASE WAIT" message and operating steps on panel display.
- Electronic index with memory capacity for 1000 users (2 names of 16 characters each, per user).
- Audio external unit with sound balance control provided by trimmers and internal and external volume levels, via configuration menu.
- 13T7 with built-in colour camera with 1/4" sensor, minimum lighting 1.0 lux, user name backlit by white light Led, manual pan/tilt adjustment.
- 13T4 with inputs/outputs for connection and control of external camera, in configuration as video electronic unit.
- Power supply from Due Fili Plus Bus.
- Input for additional power supply (6923).
- Output for activation of electric lock (peak current $I_T > 1$ A for 10 mS followed by holding current $I_M = 200$ mA for as long as the lock control remains active).
- 2 outputs for activation of 2 relays 0170/001 operating auxiliary services.
- Input for door open sensor.
- Input for activation of lock by remote control.
- Removable terminal block for connection to system.
- Cover plate dimensions: 120x309x4 mm
- Back box dimensions: 105x266x55 mm

Technical data	13T4	13T7
Power supply from Bus	min. voltage 24 Vdc	min. voltage 24 Vdc
Sensor	-	1/4"
Absorption stand-by	120 mA	120 mA
Max absorption operation	320 mA	320 mA
Minimum lighting	-	1.0 lux
Operating temperature	-10 °C to +55 °C	-10 °C to +55 °C
Camera adjustment	-	manual
Additional power supply	with 6923	with 6923

Option of using additional power supply 6923 where necessary (Bus voltage at entrance panel terminals 1 and 2 registering < 24 Vdc)

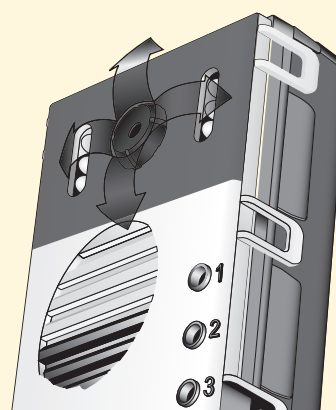
13T3 and 13T5 - Main specifications

- Electronic unit with 8 call buttons arranged in 2 rows (4+4).
- Cover plate made of gilt brass and protected by a PVD coating.
- Flush-mounting sheet metal back box, galvanized.
- Facility of increasing the number of call buttons by installing 8054/T additional entrance panel.
- Luminous indication of "BUSY - PLEASE WAIT" message.
- Audio external unit with sound balance, internal volume and external volume adjustments provided by trimmers.
- 13T5 with built-in colour camera with 1/4" sensor, minimum lighting 1.0 lux, user name backlit by white light Led, manual pan/tilt adjustment.
- 13T3 with inputs/outputs for connection and control of external camera, in configuration as video electronic unit.
- Basic parameters configurable with the 8 buttons of the electronic unit; configuration of advanced parameters using programmer 950C or alternatively, the PC software application SaveProg.
- Power supply from Due Fili Plus Bus.
- Input for additional power supply (6923).
- Output for activation of electric lock (peak current $I_T > 1$ A for 10 mS followed by holding current $I_M = 200$ mA for as long as the lock control remains active).
- 2 outputs for activation of 2 relays 0170/001 operating auxiliary services.
- Input for door open sensor.
- Input for activation of lock by remote control.
- Removable terminal block for connection to system.
- Cover plate dimensions: 120x309x4 mm
- Back box dimensions: 105x266x55 mm

Technical data	13T3	13T5
Power supply from Bus	min. voltage 24 Vdc	min. voltage 24 Vdc
Sensor	-	1/4"
Absorption stand-by	60 mA	60 mA
Max absorption operation	260 mA	260 mA
Minimum lighting	-	1.0 lux
Operating temperature	-10 °C to +55 °C	-10 °C to +55 °C
Camera adjustment	-	manual
Additional power supply	with 6923	with 6923

Option of using additional power supply 6923 where necessary (Bus voltage at entrance panel terminals 1 and 2 registering < 24 Vdc)

Manual pan and tilt adjustment



Patavium series - Video entrance panels

Entrance panels with alphanumeric keypad and display

13T4	Audio entrance panel with keypad, display and electronic directory, 6400 internal units, option of connecting to a CCTV type camera, complete with metal flush mounting box, gold-effect brass
13T7	Colour video entrance panel with keypad, display and electronic directory, 6400 internal units, complete with metal flush mounting box, gold-effect brass
805N/T	Entrance panel with 3 illuminated cards for 11+11+11 names, LED lighting, rear card extraction, complete with metal flush mounting box, gold-effect brass



13T4
gold-effect brass



13T7
gold-effect brass



805N/T
gold-effect brass

Entrance panels with conventional single buttons

13T3	Audio entrance panel with 3 traditional buttons and BUSY-WAIT indication, option of connecting to a CCTV type camera, complete with metal flush mounting box, gold-effect brass
13T3/2	As above, with 2 buttons
13T3/1	As above, with 1 button
13T3/0	As above, without buttons
13T5	Colour video entrance panel with 3 traditional buttons and BUSY-WAIT indication, complete with metal flush mounting box, gold-effect brass
13T5/2	As above, with 2 buttons
13T5/1	As above, with 1 button
13T5/0	As above, without buttons
8054/T	Additional entrance panel with 8 traditional buttons, complete with metal flush mounting box, gold-effect brass



13T3
gold-effect brass



13T5
gold-effect brass



8054/T
gold-effect brass

Inox Flat series - Video entrance panels

Inox Flat series entrance panels

Entrance panels comprising cover plate, mounting box and electronic unit. Cover plates are made of grade 316 stainless steel. All buttons are backlit by Leds. Panels are available in 2 different heights, with or without name card: 2-module and 3-module. Supplied with a standard configuration, they can be customized to suit the particular system. The electronic unit can be programmed from the unit itself, or using programmer 950C, or alternatively, the PC software application SaveProg with interface 692I or 692I/U.

Conformity to standards

EMC directive

Standards EN 61000-6-1, EN 61000-6-3

Main specifications

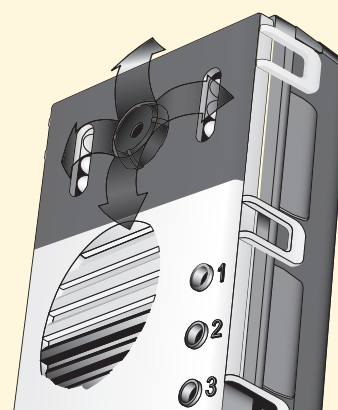
- Electronic unit with alphanumeric display.
- Cover plate made of grade 316 stainless steel.
- Flush-mounting sheet metal back box, galvanized.
- Alphanumeric keypad for making calls, exploring the electronic index, and configuring basic and advanced parameters of the electronic unit.
- Indication of "BUSY - PLEASE WAIT" message and operating steps on panel display.
- Electronic index with memory capacity for 1000 users (2 names of 16 characters each, per user).
- 13I4/K and 13I7/K with 1 backlit card showing 13 names.
- Audio external unit with sound balance control provided by trimmers and internal and external volume levels, via configuration menu.
- 13I7 and 13I7/K with built-in colour camera with 1/4" sensor, minimum lighting 1.0 lux, user name backlit by white light Led, manual pan/tilt adjustment.

- 13I4 and 13I4/K with inputs/outputs for connection and control of external camera, in configuration as video electronic unit.
- Power supply from Due Fili Plus Bus.
- Input for additional power supply (6923).
- Output for activation of electric lock (peak current $I_T > 1$ A for 10 mS followed by holding current $I_M = 200$ mA for as long as the lock control remains active).
- 2 outputs for activation of 2 relays 0170/001 operating auxiliary services.
- Input for door open sensor.
- Input for activation of lock by remote control.
- Removable terminal block for connection to system.
- Operating temperature 0 to +40 °C.
- Dimensions of 2-module cover plate: 130x307.5x4 mm
- Dimensions of 2-module back box: 101.6x271x54.8 mm
- Dimensions of 3-module cover plate: 130x408x4 mm
- Dimensions of 3-module back box: 101.6x376x54.8 mm

Technical data	13I4 and 13I4/K	13I7 and 13I7/K
Power supply from Bus	min. voltage 24 Vdc	min. voltage 24 Vdc
Sensor	-	1/4"
Absorption stand-by	120 mA	120 mA
Max absorption operation	320 mA	320 mA
Minimum lighting	-	1.0 lux
Operating temperature	-10 °C to +55 °C	-10 °C to +55 °C
Camera adjustment	-	manual
Additional power supply	with 6923	with 6923

Option of using additional power supply 6923 where necessary (Bus voltage at entrance panel terminals 1 and 2 registering < 24 Vdc)

Manual pan and tilt adjustment



Inox Flat series - Video entrance panels

Entrance panels with alphanumeric keypad and display

13I4	2-module audio entrance panel with keypad, display and electronic directory, 6400 internal units, option of connecting to a CCTV type camera, complete with metal flush mounting box, steel. Entrance panel dimensions: 130x307.5x4 mm. Mounting box dimensions: 101.6x271x54.8 mm
13I4/K	3-module audio entrance panel with keypad, display and electronic directory, 6400 internal units, with card for 13 names, option of connecting to a CCTV type camera, complete with metal flush mounting box, steel. Entrance panel dimensions: 130x408x4 mm. Mounting box dimensions: 101.6x376x54.8 mm



13I4
steel



13I4/K
steel

Entrance panels with alphanumeric keypad and display

13I7	2-module colour video entrance panel with keypad, display and electronic directory, 6400 internal units, complete with metal flush mounting box, steel. Entrance panel dimensions: 130x307.5x4 mm. Mounting box dimensions: 101.6x271x54.8 mm
13I7/K	3-module colour video entrance panel with keypad, display and electronic directory, 6400 internal units, with card for 13 names, complete with metal flush mounting box, steel. Entrance panel dimensions: 130x408x4 mm. Mounting box dimensions: 101.6x376x54.8 mm



13I7
steel



13I7/K
steel

Letterboxes

Electronic units

Electronic unit for letterbox, allowing connection of up to 8 call buttons. The electronic unit is designed for application to 25Vx letterbox panels together with speech unit 2930 or camera + speech unit 2559. The number of call buttons can be augmented by incorporating addition panels and modules 693P and 693P/M. Supplied with a standard configuration, the unit can be customized to suit the particular system. The electronic unit can be programmed with programmer 950C, or alternatively, using the PC software application SaveProg with interface 692I or 692I/U.

Conformity to standards

EMC directive

Standards EN 61000-6-1, EN 61000-6-3

Main specifications

- Electronic unit with wiring for connection of up to 8 buttons.
- Facility of augmenting the number of call buttons with addition panels and modules 693P and 693P/M.
- Sound balance and internal and external volume levels adjustable by way of trimmers, for speech unit.
- Inputs/outputs for connection and control of external camera, in configuration as video electronic unit.

- Configuration of parameters with programmer 950C or using PC software application SaveProg 69CD.
- Power supply from Due Fili Plus Bus.
- Input for additional power supply (6923).
- Output for activation of electric lock (peak current $I_T > 1$ A for 10 mS followed by holding current $I_M = 200$ mA for as long as the lock control remains active).
- 2 outputs for activation of 2 relays 0170/001 operating auxiliary services.
- Input for door open sensor.
- Input for activation of lock by remote control.
- Removable terminal block for connection to system.

Technical data

Power supply from Bus	min. voltage 24 Vdc
Absorption stand-by	60 mA
Max absorption operation	260 mA
Operating temperature	-10 °C to +55 °C
Additional power supply	with 6923

Option of using additional power supply 6923 where necessary (Bus voltage at terminals 1 and 2 of electronic unit registering < 24 Vdc)

Number of calls	Audio/video panel	Additional panel	Electronic unit 13C5	Additional module 693P/M	Additional module 693P	Audio-only speech unit 2930 or camera with speech unit 2559
2	25V2		1			1
4	25V4		1			1
6	25V6		1			1
8	25V8		1			1
10	25V8	2504	1	1		1
12	25V8	2504	1	1		1
14	25V8	2508	1	1		1
16	25V8	2508	1	1		1
18	25V8	2512	1	1	1	1
20	25V8	2512	1	1	1	1
22	25V8	2516	1	1	1	1
24	25V8	2516	1	1	1	1
26	25V8	2516 + 2504	1	1+1	1	1
28	25V8	2516 + 2504	1	1+1	1	1
30	25V8	2516 + 2508	1	1+1	1	1
32	25V8	2516 + 2508	1	1+1	1	1
34	25V8	2516 + 2512	1	1+1	1+1	1
36	25V8	2516 + 2512	1	1+1	1+1	1
38	25V8	2516 + 2516	1	1+1	1+1	1
40	25V8	2516 + 2516	1	1+1	1+1	1

DUE FILI PLUS VIDEO DOOR ENTRY SYSTEMS

Letterboxes

ELVAX

Electronic unit for letterboxes

13C5	Due Fili electronic unit for post box version of audio or video entrance panel with traditional buttons, for use with 25Vx panels, up to 8 buttons can be connected, for completion with units 2930 or 2559
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13C5

Accessories for electronic unit

2559	Due Fili colour audio-video electronic unit, for use with 25F3/8 unit and 25Vx panels
2930	Due Fili audio electronic unit with loudspeaker/microphone for 25F3/8 electronic unit and 25Vx panels
693P/M	Additional module for the connection of 8 call buttons, for use in conjunction with electronic unit 25F3/8, supplied with 2 x 50 cm harnesses and a terminal block for the connection of other 693P/M modules, for use in the wiring of different panels
693P	Expansion module for 8 buttons, for connecting a greater number of buttons to units 6931, 25F3/8 and 894M, supplied with 1 x 25 cm harness for the connection of other 693P modules, for use with cover plates 1200, 1300, 3300, 8000, Patavium, Letterbox, Post box



2930



693P/M

Letterboxes

Letterboxes

The letterbox system comprises a range of modular elements made of extruded and painted aluminium, which can be assembled to create communal mailbox structures. Letterboxes can be stacked horizontally and/or vertically and allow different types of installation: indoors, flush wall mounted with access front and rear, or surface wall mounting with front access only, and outdoors, free-standing on legs anchored to the floor.

Letterboxes can be connected to an audio or video door entry system, installing an audio/video electronic unit, so as to make up an entrance panel with buttons.

Conformity to standards

EMC directive

Standards EN 61000-6-1, EN 61000-6-3

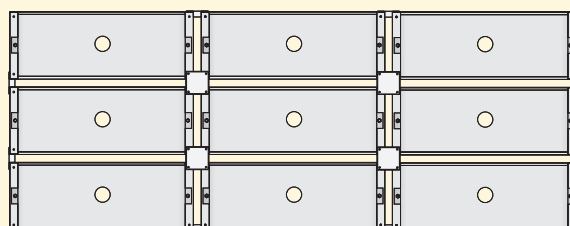
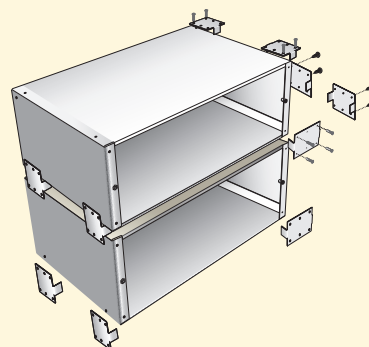
Main specifications

- Letterbox panels are supplied with: impact and UV resistant co-polymer surround; extruded aluminium front door, 4 mm gauge.
- Degree IPX4.
- Anti-theft protection.
- Front opening with 2 copyable keys.
- Brass lock mechanism with chrome inserts.
- Sheet metal back box, 0.8 mm gauge, galvanized.

Installations

- Flush wall mount: panels (letter slot, with buttons) + back box 256S.
- Surface wall mount: panels (letter slot, with buttons) + back box.
- Floor-standing with pedestal: panels (letter slot, with buttons) + wall mount box 25A3 + pedestal 256P.
- Floor-standing with legs: panels (letter slot, with buttons) + wall mount box 25A3 + legs 256G.

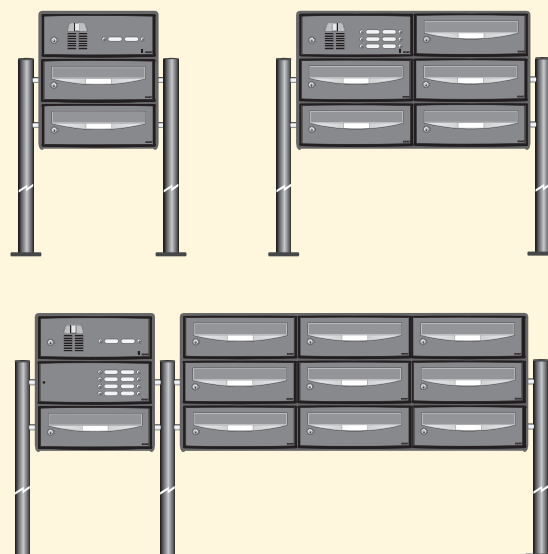
Flush-mounting back boxes



Floor-standing with 256P



Floor-standing with 256G



Letterboxes

Letter slot panel

2560/35	Dummy panel without hollow for post, sable grey
■ 2560/39	As above, brushed aluminium
2560	As above, light grey RAL 7035
2561/35	Panel with hollow for post, sable grey
■ 2561/39	As above, brushed aluminium
2561	As above, light grey RAL 7035
256D/35	Pair of panels, one with a hollow for post and the other a dummy without a hollow for post, for front and rear opening using the same key, sable grey
■ 256D/39	As above, brushed aluminium
256D	As above, light grey RAL 7035



2560/35
sable grey



■ **2560/39**
brushed aluminium



2560
light grey RAL 7035



2561/35
sable grey



■ **2561/39**
brushed aluminium



2561
light grey RAL 7035



256D/35
sable grey



■ **256D/39**
brushed aluminium



256D
light grey RAL 7035

Panel with conventional single buttons

25V0/35	Audio-video panel without buttons, sable grey
■ 25V0/39	As above, brushed aluminium
■ 25V0	As above, light grey RAL 7035
25V2/35	As above with 2 buttons, sable grey
■ 25V2/39	As above with 2 buttons, brushed aluminium
25V2	As above with 2 buttons, light grey RAL 7035
25V4/35	As above with 4 buttons, sable grey
■ 25V4/39	As above with 4 buttons, brushed aluminium
25V4	As above with 4 buttons, light grey RAL 7035
25V6/35	As above with 6 buttons, sable grey
■ 25V6/39	As above with 6 buttons, brushed aluminium
■ 25V6	As above with 6 buttons, light grey RAL 7035
25V8/35	As above with 8 buttons, sable grey
■ 25V8/39	As above with 8 buttons, brushed aluminium
■ 25V8	As above with 8 buttons, light grey RAL 7035



25V6/35
sable grey



■ **25V6/39**
brushed aluminium



25V6
light grey RAL 7035

Letterboxes

Additional panel with buttons

■ 2504/35	4-button additional panel, sable grey
■ 2504/39	As above, brushed aluminium
■ 2504	As above, light grey RAL 7035
■ 2508/35	As above with 8 buttons, sable grey
■ 2508/39	As above with 8 buttons, brushed aluminium
■ 2508	As above with 8 buttons, light grey RAL 7035
■ 2512/35	As above with 12 buttons, sable grey
■ 2512/39	As above with 12 buttons, brushed aluminium
■ 2512	As above with 12 buttons, light grey RAL 7035
■ 2516/35	As above with 16 buttons, sable grey
■ 2516/39	As above with 16 buttons, brushed aluminium
■ 2516	As above with 16 buttons, light grey RAL 7035



■ 2516/35
sable grey



■ 2516/39
brushed aluminium



■ 2516
light grey RAL 7035

Flush mounting box and letterbox with rainproof frame

256S	Zinc-plated metal flush mounting box with brackets for modular fixing together of boxes. Dimensions: 380x140x200 mm
256I	Aluminium anti-condensation grille for post box, to be fitted inside boxes 256S, 25A3, 25B3, 25C3 and 25D3. Dimensions: 355x10x182 mm
25A3	Box with rainproof frame for 3 panels (1 row of 3 panels), surface mounting and floor standing with 256P supports or a pair of 256G supports, sable grey. Dimensions: 405x485x345 mm
25B3	Box with rainproof trim for 6 panels (2 rows of 3 panels) surface and floor mounting in conjunction with a pair of 256G supports, sable grey. Dimensions: 805x485x345 mm
25C3	As above, for 9 panels (3 rows of 3 panels). Dimensions: 1205x485x345 mm
25D3	As above, for 12 panels (4 rows of 3 panels). Dimensions: 1605x485x345 mm



256S



256I



25A3
sable grey

Letterboxes

Supports for floor-standing letterbox

256G	Side floor support for post box. Use two supports for each box with rainproof cover. For boxes fitted side-by-side use one support between the boxes and two supports for the outer sides, sable grey. Dimensions: 120x1460x400 mm
256P	Central floor support for post box, for fixing to the bottom of box 25A3, black. Dimensions: 300x1132x300 mm



256G
sable grey



256P
black

System components

Telephone switchboards

Telephone switchboards with thermoplastic housing, 12-module DIN enclosure, containing power supply, pcb cards for outside lines (35PU) and pcb cards for internal extensions (35PI). Switchboards can be programmed via computer or using any one of the 8 (4) telephones connected. The following components can be connected to switchboards: 16 input/output modules (35PS) for auxiliary commands, one external audio output and input, one dedicated multifunction telephone and one expansion module (35PE).

Switchboards incorporate new functions such as: Bridge, Segumi, Disa, Fax-Switch, group call, call sequence, 3 work services with time slots, an alarm service and, when used in combination with the appropriate interface (35PF), multiple audio door entry functions.

Conformity to standards

LV Directive, EMC Directive

Standards EN 60065, EN 61000-6-1, EN 61000-6-3

Main specifications

- 1 outside line for 35P4 and 2 outside lines for 35P8/2F.
- Facility of connecting up to 4 telephones for 35P4 and up to a 8 telephones for 35P8/2F.
- Due Fili Plus system interface integrated for 35P8/2F.
- Facility of equipping 35P4 with one outside line using pcb card 35PU, 4 telephones using pcb card 35PI and Due Fili Plus two-wire interface using pcb card 35PF.
- 2 relay outputs (max voltage 30 Vdc 1.5 A).
- Power supply 230 V 50 Hz, maximum operating current 65 mA, stand-by current 9 mA.
- PTC protection in primary winding against short-circuits and thermal instability.
- Housing made of engineering polymer class V0 UL-94, DIN rail mountable enclosure, 12 x 17.5 mm module.
- Maximum overall dimensions: 208x135x72 mm.

35PS - I/O module

Module with 4 outputs and 2 independent inputs for telephone switchboards.

Conformity to standards

EMC directive

Standards EN 61000-6-1, EN 61000-6-3

Main technical specifications

- 2 relay outputs (N.O. and N.C. contacts), maximum contact loading 250 Vac 6 A.
- 2 open collector outputs 12 Vdc max 150 mA.
- 2 inputs with voltage free contacts or minimal voltage 3 Vdc
- ABS housing on DIN rail mountable enclosure, 4 x 17.5 mm module.
- Maximum overall dimensions: 70x115x50 mm.

System components

Telephone switchboard - DIN rail mounting devices (60715 TH35)

Δ 35P4	Telephone switchboard with 1 outside line, 4 internal lines, installation on DIN rail (60715 TH35), occupies 12 modules size 17.5 mm
Δ 35P8/2F	Telephone switchboard with 2 outside lines, 8 internal lines, interface for Due Fili Plus interphone systems, installation on DIN rail (60715 TH35), occupies 12 modules size 17.5 mm



Δ 35P4
Δ 35P8/2F

Accessories for telephone switchboards

Δ 35PU	Card for 1 outside line. Increases outside lines to two in switchboard 35P4
Δ 35PI	Card for 4 internal lines. Adds another 4 lines to switchboard 35P4, expanding it to the maximum total of 8 internal lines.
■ 35PF	Interface card for Due Fili Plus interphone systems, for switchboards 35P4 and 35P8
Δ 35PS	Input/output module for connection to the telephone switchboard, with 2 general inputs, 2 live Open-Collector outputs and 2 x 6 A 250 V~ change-over relay outputs, installation on DIN rail (60715 TH35), occupies 4 modules size 17.5 mm



Δ 35PU



Δ 35PI



■ 35PF



Δ 35PS

System components

6922.1 - Power supply 30 Vdc

Main power supply for Due Fili Plus audio and video door entry systems. The power unit supplies simultaneously entrance panels, interphones, video door entry units and other devices when power limits exceeded, it is necessary to improve the system with 6923 supply unit for every devices added.

Conformity to standards

LV Directive, EMC Directive

Standards EN 61000-6-1, EN 61000-6-3

Main technical specifications

- Electronic protection inside primary winding, not resettable.
- The power supply has two types of protection signalled by 2 LEDs, one green and one red.
- Housing in class UL-94 V0 technopolymer on 8-module DIN rail measuring 17.5 mm.
- Maximum overall dimensions: 140x115x65 mm.

Technical data

Inputs	
operating voltage	from 110 to 240 Vac 60 W
rated current	max 1 A (110 V), 0.6 A (240 V)
operating temperature	0 a +45° C
operating frequency	50/60 Hz
Outputs	
rated voltage	30 Vdc
rated current	1.6 A max (1 A in continuously + 0.6 A intermittent 80 s for ON and 120 s for OFF)
available outputs	1, 2 / B1, B2

40101 - 28 Vdc power supply

Main power supply for Due Fili Plus door entry systems. The power supply unit simultaneously powers entrance panels, interphones and other devices within the limits of the current delivered, above which one power supply unit 6923 is needed for each added appliance (entrance panel, etc.).

Regulatory compliance

LV Directive, EMC Directive

Standards EN 60065, EN 61000-6-1, EN 61000-6-3

Main technical specifications

- Electronic protection inside primary winding, not resettable.
- Casing made of engineering polymer class V0 UL-94, DIN rail mountable enclosure, 6 x 17.5 mm module.
- Maximum overall dimensions: 108x97x63 mm.

Technical data

Inputs	
operating voltage	from 110 to 240 Vac 12 W
rated current	max 0.7 A (110 V), 0.4 A (240 V)
operating temperature	-5 °C to +35 °C
operating frequency	50/60 Hz
Power supply	
rated voltage	28 Vdc
rated current	1 A max (0.6 A continuous service + 0.4 A intermittent 60 s ON and 120 s OFF)
available outputs	1, 2 / B1, B2

System components

Power supply - DIN rail mounting devices (60715 TH35)

6922.1 Power supply unit for Due Fili Plus video door entry system with 28 Vdc output, power supply 110-240 V~ 50/60 Hz, installation on DIN rail (60715 TH35), occupies 8 modules size 17.5 mm



6922.1

Power supply - DIN rail mounting devices (60715 TH35)

▲ **40101** Power supply unit for Due Fili Plus door entry system, 28 Vdc output, supply voltage 110-240 V~ 50/60 Hz, for DIN (60715 TH35) rail installation, occupies 6 17,5 mm modules



▲ 40101

System components

6923, 6923/117 and 6923/240 - Additional power supply 28 Vdc 15 VA

The additional supply is intended for use in conjunction with main supply 6922.1 — in Due Fili Plus two-wire systems — to power electronic entrance panels, porter switchboard and video internal units.

The second power supply is required when several video entrance panels are fitted and/or when multiple video internal units are self-started simultaneously by a single call; the power supply can serve a single specific device, entrance panel or video internal unit, or porter switchboard.

Conformity to standards

LV Directive, EMC Directive

Standards EN 60065, EN 61000-6-1, EN 61000-6-3

Main technical specifications

- Output voltage with PTC protection for auxiliary services.
- PTC protection in primary winding against short-circuits and thermal instability.
- Housing made of engineering polymer class V0 UL-94, DIN rail mountable enclosure, 4 x 17.5 mm module.
- Maximum overall dimensions: 70x115x65 mm.

Technical data	6923	6923/117	6923/240
Inputs			
operating voltage	230 Vac	117 Vac	240 Vac
rated current	65.2 mA	140 mA	65.2 mA
operating temperature	+5 °C to +35 °C	+5 °C to +35 °C	+5 °C to +35 °C
operating frequency	50/60 Hz	50/60 Hz	50/60 Hz
Outputs			
rated voltage	-/+U, -/+I	-/+U, -/+I	-/+U, -/+I
rated current	0.5 A	0.5 A	0.5 A

6582 and 6582/240 - Additional power supply

The additional power supply is used in Due Fili Plus two-wire systems to drive the backlighting circuits of name tags or cards of electronic entrance panels, supporting main power supply 6922.1.

The power supply is required when 12TS modules are more than 4 in number and will serve up to 26 modules, or when there are more than 8 cards showing 15 names (alphanumeric entrance panels), and will serve up to 60 cards.

Conformity to standards

LV Directive, EMC Directive

Standards EN 60065, EN 61000-6-1, EN 61000-6-3

Main technical specifications

- Output voltage with PTC protection for auxiliary services.
- PTC protection in primary winding against short-circuits and thermal instability.
- Housing made of engineering polymer class V0 UL-94, DIN rail mountable enclosure, 4 x 17.5 mm module.
- Maximum overall dimensions: 70x115x65 mm.

Technical data	6582	6582/240
Inputs		
operating voltage	230 Vac	240 Vac
rated current	152 mA	152 mA
operating temperature	+5 °C to +35 °C	+5 °C to +35 °C
operating frequency	50/60 Hz	50/60 Hz
Outputs (6582 and 6582/240)		
rated voltage	10.5 Vdc	13.5 Vdc
rated current	0.25 A	0.25 A
		18 Vdc intermittent
		18 Vdc continuous
		0.8 A
		0.4 A

6982 - Additional power supply 13.5 Vdc 10 VA

Additional power supply used for external CCTV camera connected to audio entrance panel (configured as video entrance panel). Activation of the power supply is piloted by the entrance panel.

Conformity to standards

LV Directive, EMC Directive

Standards EN 60065, EN 61000-6-1, EN 61000-6-3

Main technical specifications

- Output voltage with PTC protection for auxiliary services.
- PTC protection in primary winding against short-circuits and thermal instability.
- Housing made of engineering polymer class V0 UL-94, DIN rail mountable enclosure, 4 x 17.5 mm module.
- Maximum overall dimensions: 75x115x65 mm.

Technical data		
Inputs		
operating voltage	230 Vac	
rated current	43.5 mA	
operating temperature	+5 °C to +35 °C	
operating frequency	50/60 Hz	
Outputs		
rated voltage	13.5 Vdc	13.5 Vdc
rated current	150 mA	205 mA*

* intermittent duty

System components

Additional power supplies - DIN rail mounting devices (60715 TH35)

6923	Additional power supply unit for Due Fili system video door entry system with 28 Vdc output, power supply 230 V~ 50 Hz 15 VA, installation on DIN rail (60715 TH35), occupies 4 modules size 17.5 mm
6923/117	As above, power supply 117 V~
■ 6923/240	As above, power supply 240 V~
6582	Additional power supply unit for LEDs and CCTV type cameras, outputs 10.5 Vdc, 13.5 Vdc and 18 Vdc, power supply 230 V~ 50-60 Hz 35 VA, installation on DIN rail (60715 TH35), occupies 4 modules size 17.5 mm
■ 6582/240	As above, power supply 240 V~
6982	Additional Due Fili Plus power supply unit for 12 Vdc external cameras and audio entrance panels 13F3 and 13F4, power supply 230 V~ 50 Hz, installation on DIN rail (60715 TH35), occupies 4 modules size 17.5 mm



6923
 6923/117
 ■ 6923/240
 6582
 ■ 6582/240
 6982

System components

69DM - Due Fili interface + Digibus

Audio and video Interface used for connection of Digibus backbone to a Due Fili Plus two-wire riser. Allows the connection of multiple Due Fili Plus systems comprising entrance panels, audio and video door entry units, to a Digibus backbone comprising entrance panels and/or porter switchboard. Each Due Fili Plus system requires an interface for connection to the Digibus backbone. Installation of the interface combines the advantages provided by the wiring used for audio and video door entry units of the Due Fili Plus system, with the capability of the Digibus backbone to cover long distances, for the connection of entrance panels.

Conformity to standards

EMC Directive

Standards 61000-6-1, EN 61000-6-3

69RS - Expansion interface

With the expansion interface, the number of internal units (audio and/or video door entry phones, etc.) can be increased from 200 to 6400. In the Due Fili Plus two-wire system, the Bus is split up into a horizontal Bus and multiple vertical buses (32 max), with each vertical Bus connected to the horizontal Bus by way of a 69RS interface (one for each vertical Bus).

Each vertical Bus (riser) allows the connection of up to:

- 200 internal units (audio and/or video door entry phones, telephone switchboards)
- 14 external units (electronic units, entrance panels and 69AM interfaces).
- 16 digital relays (8 x 69PH relay module).
- 1 x 945F switchboard.
- 1 level of 692S separators
- 6120 remote button modules.

Each horizontal Bus (backbone) allows the connection of up to:

- 32 x 69RS expansion interface.
- 36 external units (16 video electronic units/69AM selectors and 20 audio electronic units).
- 100 digital relays (50 x 69PH relay module).

692S - Separator

The separator is an accessory used in Due Fili Plus two-wire systems to create distinct communication islands, and requires power supply 6922.1. Designed for use in the following situations:

- systems for building complexes where there are one or more main entrance panels, or single buildings with one or more secondary entrance panels inside. One separator for each building.
- systems where landing entrance panels are connected to the audio or video door entry unit. One separator for each landing entrance panel.
- systems with intercommunicating audio and video door entry units, which must not encroach on the communication channels used by other devices during a conversation.
- A maximum 16 separators can be installed in the system.
- Programming of the separator is accomplished using special configuration media (jumpers) supplied with the device.

Main technical specifications

- ABS housing on DIN rail mountable enclosure, 8 x 17.5 mm module.
- Maximum overall dimensions: 140x115x65 mm.

Technical data

Inputs	
power supply from Bus	28 Vdc rated voltage
absorption stand-by	25 mA
max absorption operation	100 mA
operating temperature	0 °C to +40 °C
Outputs	
rated voltage	12.5 Vdc
rated current	100 mA

Conformity to standards

EMC Directive

Standards 61000-6-1, EN 61000-6-3

Main technical specifications

- ABS housing on DIN rail mountable enclosure, 4 x 17.5 mm module.
- Maximum overall dimensions: 72x110x60 mm.

Technical data

Inputs	
power supply from Bus	28 Vdc rated voltage
operating temperature	0 °C to +40 °C
available inputs	1
Outputs	
rated voltage	30 Vdc
available outputs	1
Power	
Power	1.5 W
Minimum absorption on backbone Bus	15 mA
Maximum absorption on backbone Bus	40 mA
Minimum absorption on riser Bus	25 mA
Maximum absorption on riser Bus	50 mA

Conformity to standards

EMC Directive

Standards 61000-6-1, EN 61000-6-3

Main technical specifications

- ABS housing on DIN rail mountable enclosure, 4 x 17.5 mm module.
- Maximum overall dimensions: 72x110x60 mm.

Technical data

Inputs	
power supply from primary Bus	28 Vdc rated voltage
minimum absorption from primary Bus	15 mA
maximum absorption from primary Bus	40 mA
power supply from secondary Bus	24 Vdc to 30 Vdc
minimum absorption from secondary Bus	25 mA
maximum absorption from primary Bus	50 mA
operating temperature	0 °C to +40 °C

System components

Due Fili Plus interface + Digibus - DIN rail mounting devices (60715 TH35)

69DM	Interface for use in combining a Digibus backbone with a Due Fili Plus riser. If several 69DM interfaces are used, a number of Due Fili Plus risers can be connected to a single Digibus backbone. With a combination of the two systems, the Digibus backbone can cover considerable distances and the interphone/monitor riser can be connected using Due Fili Plus hardware, installation on DIN rail (60715 TH35), occupies 8 modules size 17.5 mm
69DM.EN	As above, with instructions in English



69DM
69DM.EN

Expansion interface - DIN rail mounting devices (60715 TH35)

69RS	Expansion interface for the management of up to 200 internal units in Due Fili Plus systems. The use of several 69RS devices allows connection of up to 6400 internal units in the same system, installation on DIN rail (60715 TH35), occupies 4 modules size 17.5 mm
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69RS

Separator - DIN rail mounting devices (60715 TH35)

692S	Separator for dividing conversation areas, for use with intercom networks, entrance panels for door calls and building complexes, installation on DIN (60715 TH35), occupies 4 modules size 17.5 mm
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692S

System components

69DV and 69DV/5 - Riser splitter

The splitter is used to divide the riser (with audio and video door entry units), creating up to 4 distinct risers. Splitters can be connected in cascade — no more than 2 — so as to divide the riser into 8 sections.

Conformity to standards

EMC Directive

Standards 61000-6-1, EN 61000-6-3

Main technical specifications

- ABS housing on DIN rail mountable enclosure, 4 x 17.5 mm module.
- Maximum overall dimensions: 72x110x60 mm.

Technical data

Inputs	
power supply from Bus	28 Vdc rated voltage
operating temperature	0 °C to +40 °C
available inputs	1
Outputs	
rated voltage	30 Vdc
rated current	15 mA
available outputs	5
Power	4.5 W
Absorption stand-by	15 mA
Max absorption operation	50 mA

* Maximum current between OUT 1, OUT 2, OUT3, OUT4 = 1.5 A

692M and 692M/5 - Amplifiers

This device is used in Due Fili Plus two-wire systems when the modulated video signal needs to be amplified. It provides two levels of amplification on the output side: +6 dB and +14 dB.

Conformity to standards

EMC Directive

Standards 61000-6-1, EN 61000-6-3

Main technical specifications

- ABS housing on DIN rail mountable enclosure, 1 x 17.5 mm module.
- Maximum overall dimensions: 60x82x21 mm.

Technical data

Inputs	
power supply from Bus	28 Vdc rated voltage
rated current	*
operating temperature	0 °C to +40 °C
available inputs	1
Outputs	
rated voltage	30 Vdc
rated current	1.4 A
available outputs	1

* Absorption in idle state = 20 mA, maximum absorption during call = 50 mA

System components

Riser splitter - DIN rail mounting devices (60715 TH35)

69DV	Riser splitter, for dividing the bus into 4 riser lines, installation on DIN rail (60715 TH35), occupies 4 modules size 17.5 mm
69DV/5	As above, for cat. 5 system



69DV

Amplifier - DIN rail mounting devices (60715 TH35)

692M	Video signal riser amplifier, installation on DIN rail (60715 TH35), occupies 1 module size 17.5 mm
692M/5	As above, for cat. 5 system



■ 692M
■ 692M/5

System components

692D - Passive video distributor

The passive video distributor is a device allowing the simultaneous distribution of a video signal across multiple outputs separate from one another. It is used, for example, when a call signal needs to be transmitted to several video door entry units simultaneously (star connection).

Conformity to standards

EMC Directive

Standards EN 61000-6-1, EN 61000-6-3

Main technical specifications

- ABS housing on DIN rail mountable enclosure, 1 x 17.5 mm module.
- Maximum overall dimensions: 60x82x21 mm.

Technical data

Inputs	
power supply from Bus	28 Vdc rated voltage
rated current	0
operating temperature	0 °C to +40 °C
IP degree	20
available inputs	1
Outputs	
available outputs	4

692D/2 - Active video distributor

The active video distributor is a device able to amplify an incoming signal and make it available across multiple outputs separate from one another; in practice it distributes the signal to a specific number of destinations simultaneously. It is used, for example, when a call signal needs to be transmitted to several video door entry units simultaneously (star connection).

Conformity to standards

EMC Directive

Standards EN 61000-6-1, EN 61000-6-3

Main technical specifications

- ABS housing on DIN rail mountable enclosure, 4 x 17.5 mm module.
- Maximum overall dimensions: 70x115x50 mm.

Jumper positions

For regulation of signal level

position **H**: high level

position **M**: medium level

position **L**: low level

For Bus termination

position **A**: no termination

position **B**: termination 100 Ohm

position **C**: termination 50 Ohm

Technical data

Inputs	
power supply from Bus	28 Vdc rated voltage
absorption stand-by	13 mA
max absorption operation	30 mA
operating temperature	0 °C to +40 °C
IP degree	20
available inputs	1
Outputs	
available outputs	4

69MX and 69MX/5 - Concentrators

The concentrator is used to connect multiple external entrance panels (including one video entrance panel) in parallel. The concentrator has 4 inputs for 4 entrance panels, and 2 outputs for the riser; to increase the number of entrance panels in parallel, multiple concentrators can be connected in series or in cascade (up to a maximum of 16 entrance panels).

Conformity to standards

EMC Directive

Standards EN 61000-6-1, EN 61000-6-3

Main technical specifications

- ABS housing on DIN rail mountable enclosure, 4 x 17.5 mm module.
- Maximum overall dimensions: 72x110x60 mm.

Technical data

Inputs	
power supply from Bus	28 Vdc rated voltage
operating temperature	0 °C to +40 °C
available inputs	4
Outputs	
rated voltage	30 Vdc
available outputs	2
Power	1.5 W
Absorption stand-by	25 mA
Max absorption operation	50 mA
Maximum current between OUT 1 and OUT 2	1.5 A
Maximum current between OUT 1 and IN 1	0.8 A
Maximum current between OUT 1 and IN 2	0.8 A
Maximum current between OUT 1 and IN 3	0.8 A
Maximum current between OUT 1 and IN 4	0.8 A

System components

Distributors - DIN rail mounting devices (60715 TH35)

692D	Passive floor distributor for adapting video signal impedance on balanced connection lines, installation on DIN rail (60715 TH35), occupies 1 module size 17.5 mm
692D/2	Active floor distributor for adapting video signal impedance on balanced connection lines, installation on DIN rail (60715 TH35), occupies 4 modules size 17.5 mm



692D



692D/2

Concentrators - DIN rail mounting devices (60715 TH35)

69MX	Concentrator for the connection of up to 4 entrance panels in parallel per module, at least one of which is a video entrance panel, installation on DIN rail (60715 TH35), occupies 4 modules size 17.5 mm
69MX/5	As above, for cat. 5 system



69MX
69MX/5

System components

69AM and 69AM/T - Selectors

Devices allowing the connection of 4 CCTV cameras to the Due Fili Plus two-wire system. The views from the four cameras are displayed cyclically, and selectable with the lock release button of the video door entry unit on completion of the self-start sequence. Expansion modules 69AM/4 (for 69AM) and 69AM/T4 (for 69AM/T) can be connected to the selectors, consequently increasing the number of cameras up to 16.

Conformity to standards

EMC Directive

Standards EN 61000-6-1, EN 61000-6-3

Main technical specifications

- 69AM selector for 4 CCTV cameras and/or 4 cameras with VIMAR microphone 20565/14565, 69AM/T selector for 4 CCTV cameras.
- Connection for expansion of cameras using selectors 69AM/4 and 69AM/T4.

- Output for control of camera power input.
- 2 outputs for activation of 2 relays 0170/001 operating auxiliary services.
- Input for additional power supply (6923).
- ABS housing on DIN rail mountable enclosure, 8 x 17.5 mm module.
- Maximum overall dimensions: 140x115x65 mm.

Technical data

Inputs	
power supply from Bus	28 Vdc rated voltage
absorption stand-by	20 mA
max absorption operation	120 mA
operating temperature	0 °C to +40 °C

69AM/4 and 69AM/T4 - Selectors

Expansions for selectors 69AM (69AM/4) and 69AM/T (69AM/T4). Up to 4 CCTV cameras can be connected for each expansion.

Conformity to standards

EMC Directive

Standards EN 61000-6-1, EN 61000-6-3

Main technical specifications

- 69AM/4 selector for 4 CCTV cameras and/or 4 cameras with VIMAR microphone 20565/14565, 69AM/T4 selector for 4 CCTV cameras.
- Up to 3 expansions can be connected to each selector 69AM and 69AM/T.
- ABS housing on DIN rail mountable enclosure, 4 x 17.5 mm module.
- Maximum overall dimensions: 70x115x50 mm.

69MC and 69MD - Audio/video converters

Interfaces 69MC and 69MD are designed to extract audio and video signals from the Due Fili Plus two-wire Bus and convert them into standard signals. The 69MC interface extracts whenever a usable signal is detected in the Bus, whereas the 69MD extracts when a usable signal is detected and when a conversation between one or more programmed users is in progress. Interface 69MD can be programmed with programmer 950C, or alternatively, using the PC software application SaveProg with interface 692I or 692I/U.

Conformity to standards

EMC Directive

Standards EN 61000-6-1, EN 61000-6-3

Main technical specifications

- 1 video output rated 75 Ohm and 1 audio output.
- Signal extraction indicated by closing of relay contact (maximum contact loading 24 V 0.5 A).
- Input for additional power supply with 6582.
- ABS housing on DIN rail mountable enclosure, 4 x 17.5 mm module.
- Maximum overall dimensions: 70x115x50 mm.

Technical data	69MC	69MD
Inputs		
operating voltage *	20 Vdc	20 Vdc
minimum rated current *	50 mA	50 mA
maximum rated current *	100 mA	100 mA
Absorption stand-by from Bus	10 mA	10 mA
Max absorption operation from Bus	50 mA	60 mA
operating temperature	0 °C to +40 °C	0 °C to +40 °C
Outputs		
rated voltage	24 V	24 V
rated current	0.5 A	0.5 A
available outputs	3	3

* Using dedicated power supply.

System components

Selectors - DIN rail mounting devices (60715 TH35)

69AM	Audio/video selector for 4 cameras. Enables connection of the video signal of 4 CCTV cameras and/or the audio/video signal of 4 VIMAR 20565/14565 cameras to the Due Fili Plus system. Camera selection is cyclical by way of the lock button after the auto-activation phase. The two auxiliary functions F1 and F2 can also be connected to the selector, installation on DIN rail (60715 TH35), occupies 8 modules size 17.5 mm
■ 69AM/4	Audio/video selector for 4 cameras, allows expansion of the number of cameras to be connected to the 69AM, to which up to 3 69AM/4 selectors can be connected to make a total of 8, 12, 16 cameras, installation on DIN rail (60715 TH35), occupies 4 modules size 17.5 mm
69AM/T	Video selector for 4 cameras. Enables connection to the Due Fili Plus system of only the video signal of 4 CCTV cameras. Camera selection is cyclical by way of the lock button after the auto-activation phase. The two auxiliary functions F1 and F2 can also be connected to the selector, installation on DIN rail (60715 TH35), occupies 8 modules size 17.5 mm
69AM/T.EN	As above, with instructions in English
69AM/T.FR	As above, with instructions in French
69AM/T.PT	As above, with instructions in Portuguese
■ 69AM/T4	Video selector for 4 cameras, allows expansion of the number of cameras to be connected to the 69AM/T, to which up to 3 69AM/T4 selectors can be connected to make a total of 8, 12, 16 cameras, installation on DIN rail (60715 TH35), occupies 4 modules size 17.5 mm



69AM
69AM/T
69AM/T.EN
69AM/T.FR
69AM/T.PT



■ 69AM/4
■ 69AM/T4

Audio/video converters - DIN rail mounting devices (60715 TH35)

69MC	Interface for converting a Due Fili Plus digital signal into a standard audio/video signal. Enables extraction of audio and video signal from the Due Fili Plus bus when there is a usable signal. At the time of extraction, the interface indicates the operation by closing a N.O. contact (24 Vac 0.5 A) Requires dedicated power supply unit 6582, installation on DIN rail (60715 TH35), occupies 4 modules size 17.5 mm
69MC.DE	As above, with instructions in German
69MC.EN	As above, with instructions in English
69MC.PT	As above, with instructions in Portuguese
69MD	Interface for converting a Due Fili Plus digital signal into a standard audio/video signal for the user, extraction only takes place when the users programmed in the interface are called, programming via 950C or PC, indication by closing a N.O. contact (24 Vac 0.5 A), for use with dedicated power supply unit 6582, installation on DIN rail (60715 TH35), occupies 4 modules size 17.5 mm
69MD.DE	As above, with instructions in German
69MD.EN	As above, with instructions in English



69MC
69MC.DE
69MC.EN
69MC.PT
69MD
69MD.DE
69MD.EN

System components

692E - Protection

Designed to protect devices connected to the Due Fili Plus two-wire Bus (audio/video door entry phones, electronic units, etc.) from disturbances associated with surges above 40 V. It is advisable to install protections near entrance panels, on the riser, also on risers with long cable runs extending between power supply and audio/video door entry unit, especially when routed externally of the building where power supply 6922.1 is installed.

Conformity to standards

EMC Directive

Standards EN 61000-6-1, EN 61000-6-3

Main technical specifications

- ABS housing on DIN rail mountable enclosure, 1 x 17.5 mm module.
- Maximum overall dimensions: 55,8x57,5x18,2 mm.

Technical data

Inputs	
power supply from Bus	28 Vdc rated voltage
rated current	0
power draw on full load	0
power draw when idle	0
IP degree	20

950C - Programmer

Programmer with display and alphanumeric keypad, used to configure the operating parameters of electronic units (entrance panels), audio and video door entry phones, and other devices requiring configuration. A specific connector is used to plug into the electronic unit or other device, from which the programmer also receives its power supply. The programmer can also be connected directly to the Due Fili Plus two-wire Bus and used to monitor data traffic on the Bus.

The programmer can function as an interface, by way of a serial connection, for configuration of the system using the PC software application SaveProg.

Conformity to standards

EMC Directive

Standards EN 61000-6-1, EN 61000-6-3

Technical data

Inputs	
operating voltage	28 Vdc rated voltage
rated current	80 mA
power draw on full load	80 mA
power draw when idle	80 mA
IP degree	20

692I and 692I/U - Interfaces

Interfaces for connection of a Personal Computer to Due Fili Plus two-wire systems by way of electronic units, or to other devices. The interface can be used, with a PC and software application SaveProg, to configure operating parameters and monitor elements of the system.

Conformity to standards

EMC Directive

Standards EN 61000-6-1, EN 61000-6-3

Main technical specifications

- Serial cable DB9M-F for connection to PC, with 692I.
- USB cable for connection to PC, with 692I/U.
- Cables for connection to electronic units, porter switchboard and other devices.

6120 - Remote buttons interface

Interface allowing the activation of auxiliary services using remote buttons, for connection to Due Fili Plus two-wire Bus.

Auxiliary "lock release" and "landing call" functions can be programmed from the interface itself, whereas the activation of other actuator circuits (69PH and 69RH) or the auxiliary functions of electronic units must be configured using programmer 950C or the PC software application SaveProg.

Conformity to standards

EMC Directive

Standards EN 61000-6-1, EN 61000-6-3

Main technical specifications

- 2 independent inputs for 2 buttons with normally open contacts.
- Maximum overall dimensions: 48x70x19 mm.

Technical data

Inputs	
power supply from Bus	28 Vdc rated voltage
absorption stand-by	2 mA
max absorption operation	10 mA
operating temperature	0 °C to +40 °C
IP degree	20
Outputs	
available outputs	2

System components

Protection device - DIN rail mounting devices (60715 TH35)

692E	Overvoltage protection device for Due Fili Plus bus connection lines
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692E

Programmer

950C	Portable programmer with keypad and alphanumeric display for basic and advanced programming of Due Fili Plus devices for apartments with more than 4 monitors or interphones in a single apartment
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950C

SYSTEM
COMPONENTS

Interfaces

692I	PC interface with RS232 connector and 69CD software for basic and advanced programming of Due Fili Plus devices, for apartments with more than 4 monitors or interphones in a single apartment
692I/U	As above, with USB connector
6120	Interface for 2 N.O. remote buttons along the Due Fili Plus bus for activation of an entrance panel lock and door call function of an internal device, can be used to activate auxiliary functions through programming with 950C



6120

System components

69PH - Digital actuator, 2 outputs

A programmable device with two independent relays operating on the basis of separate or correlated programming. Programmable manually for standard functions, and using programmer 950C or SaveProg software for advanced functions. In standard operation, can be used as a monostable relay (default configuration) or as a call repeater (requires programming). The relays of module 69PH can be activated by audio/video door entry phone buttons or by a call from: external entrance panel, intercom audio/video door entry unit, porter switchboard or button interface 6120.

Conformity to standards

LV Directive, EMC Directive

Standards EN 60065, EN 61000-6-1, EN 61000-6-3

Main technical specifications

- Maximum load across contacts (terminals 1C/NO/NC, 2C/NO/NC): 230 V 6 A / AC1 (resistive or weak inductive load).
- Power supply from Due Fili Plus Bus.

- Absorption: 1.8 mA in standby, 15 mA in operation, 80 mA for 80 ms peak current.
- Operating temperature: 0 - 40°C
- ABS housing on DIN rail mountable enclosure, 4 x 17.5 mm module.
- Maximum overall dimensions: 70x115x50 mm.

Technical data

Inputs	
operating voltage	28 Vdc rated voltage
absorption stand-by	1.8 mA
min absorption operation	15 mA
max absorption operation	80 mA
operating temperature	0 °C to +40 °C
IP degree	20
Outputs	
rated voltage	230 V
rated current	6 A
contact rating	6 A
available outputs	2

69RH - Digital actuator, 2 outputs

Programmable device equipped with two relays. Configurable to allow 2 operating modes: actuator for auxiliary services or call repeater.

Actuator mode: the relays operate independently and can be activated by the buttons of audio or video door entry units.

Call repeater mode: the relays are activated by calls made to a single audio/video door entry unit or to a group of units (4 groups maximum). In this instance, one relay repeats entrance panel calls and one repeats intercom calls.

The actuator is configurable internally.

Conformity to standards

LV Directive, EMC Directive

Standards EN 60065, EN 61000-6-1, EN 61000-6-3

Main technical specifications

- Maximum loading of normally open contacts: 230 V 3 A.
- 2 trimmers for setting relay activation times.
- multiple 69RH actuators can be connected to the same system: maximum 8.
- ABS housing on DIN rail mountable enclosure, 4 x 17.5 mm module.
- Maximum overall dimensions: 70x115x50 mm.

Technical data

Inputs	
operating voltage	28 Vdc rated voltage
absorption stand-by	15 mA
max absorption operation	100 mA
operating temperature	0 °C to +40 °C
IP degree	20
Outputs	
rated voltage	230 V
rated current	3 A
contact rating	3 A
available outputs	2

System components

Actuators - DIN rail mounting devices (60715 TH35)

69PH	Actuator with 2 x 6 A 230 V~ change-over relays operating in line with separate or correlated programming, can be programmed manually for standard functions and using programmer 950C or SaveProg software for advanced functions, in standard operation it can be used as a monostable rely or call repeater, installation on DIN rail (60715 TH35), occupies 4 modules size 17.5 mm
69RH	Actuator with 2 N.O. relays 3 A 230 V~ for operation as a timed dual relay for the activation of 2 independent auxiliary services (e.g. stair light), up to 8 devices in the same system, installation on DIN rail (60715 TH35), occupies 4 modules size 17.5 mm



69PH
69RH

System components

69RH/L - Digital actuator activated by call from entrance panel, 2 outputs

A programmable device with two independent relays that are activated by calls made from an entrance panel. The actuator will also respond to entrance panel calls not associated with audio or video door entry phones. The actuator is configurable internally.

Conformity to standards

LV Directive, EMC Directive

Standards EN 60065, EN 61000-6-1, EN 61000-6-3

Main technical specifications

- Maximum loading of normally open contacts: 230 V 3 A.
- 2 trimmers for setting relay activation times.
- ABS housing on DIN rail mountable enclosure, 4 x 17.5 mm module.
- Maximum overall dimensions: 70x115x50 mm.

Technical data

Inputs	
operating voltage	28 Vdc rated voltage
absorption stand-by	15 mA
max absorption operation	100 mA
operating temperature	0 °C to +40 °C
IP degree	20
Outputs	
rated voltage	230 V
rated current	3 A
contact rating	3 A
available outputs	2

0170/101 - Relay

Relay with normally open and normally closed contact. Can be activated by low voltage signals and by electronic call signals (e.g. Sound System).

Conformity to standards

LV Directive, EMC Directive

Standards EN 60065, EN 61000-6-1, EN 61000-6-3

Main technical specifications

- Maximum loading of contacts: 230 V 3 A.
- Pilot voltage: 7-13 Vdc/ac, 14-20 Vdc/ac, electronic calls (e.g. Sound System)
- Blowout circuit for inductive loads connectable to contacts.
- ABS housing on DIN rail mountable enclosure, 4 x 17.5 mm module.
- Maximum overall dimensions: 70x115x50 mm.

System components

Actuators - DIN rail mounting devices (60715 TH35)

69RH/L	Actuator with 2 timed relays with N.O. contacts 3 A 230 V~, controlled by calls from the entrance panel, installation on DIN rail (60715 TH35), occupies 4 modules size 17.5 mm
■ 0170/101	3 A 230 V~ change-over actuator for call repetition on interphones and monitors with additional chimes (kettledrum), power supply 12 Vdc or Vac or Sound System call, installation on DIN rail (60715 TH35), occupies 4 modules size 17.5 mm



69RH/L
■ 0170/101

System components

860A and 860A/240 - Electronic ringtone

Self-powered electronic chime with 2 control inputs and 2 different sounds (3 notes and 2 notes). Connectable to audio and video door entry phones for call repetition.

Conformity to standards

EMC Directive

Standards EN 61000-6-1, EN 61000-6-3

Main technical specifications

- Surface mounting door chime. ABS housing.
- Power supply: 230 V (860A) or 240 V (860A/240).
- 2 inputs for: 1 sound with 3 notes and 1 sound with 2 notes.
- Volume control trimmer.
- Designed for surface mounting direct to wall or to back box (can be fixed to masonry with plugs, or screwed to flush-mounted 3-module rectangular back box).
- Maximum overall dimensions: 140x140x50 mm.

Technical data	860A	860A/240
Inputs		
operating voltage	230 V	240 V
rated current	15 mA	15 mA
operating temperature	0 °C to +40 °C	0 °C to +40 °C
IP degree	20	20

732H/100 and 732H/500 - Cables for indoor installation

Cable for connection of audio and video door entry units in Due Fili Plus two-wire systems. Suitable for fixed internal installation on masonry and metal structures, and laying along cable trays, raceways or conduit. NOT suitable for routing along underground raceway.

Conformity to standards

CEI EN 50363-0, CEI EN 60228, CEI EN 60332-1-2

Industry standards CEI EN 50267-2-1, CEI EN 60332-3-25, CEI UNEL 36011

Main technical specifications

- Cable Comprises PVC-RZ sheath and 2 twisted pair conductors of 1 mm² section
- 100 m coil (732H/100) and 500 m coil (732H/500).
- Outer diameter: 6.5 mm max.
- Operating temperature: -25 °C / +70 °C.
- Rated insulation voltage: 450/750 V.

732I/100 and 732I/500 - Cables for outdoor installation

Cable for connection of audio and video door entry units in Due Fili Plus two-wire systems. Suitable for fixed internal installation on masonry and metal structures, and laying along cable trays, raceways or conduit, where indicated under statutory regulations on crowded premises. Suitable for laying underground in dry or easily drained conduit (damp conditions 24h max). NOT suitable for installation underground without conduit.

Conformity to standards

CEI EN 50363-0, CEI EN 60228, CEI EN 60332-1-2

Industry standards CEI EN 50267-2-1, CEI EN 60332-3-25, CEI EN 61034-2, CEI EN 61034-1, CEI EN 50290-2-27, CEI UNEL 36011

Main technical specifications

- Comprises sheath and insulation made of non-toxic thermoplastic LSZH, and 2 twisted pair conductors of 1 mm² section.
- LSZH is used for systems installed in premises where statutory requirements include ultra-low smoke and fume and zero halogen emissions in the event of fire.
- 100 m coil (732I/100) and 500 m coil (732I/500).
- Outer diameter: 7.6 mm.
- Operating temperature: -25 °C / +70 °C.
- Rated insulation voltage: 600/1000 V.

System components

Ringtone

860A	Electronic wall-mounted chime with different calls for 2 entrances, power supply 230 V~, white
■ 860A/240	As above, power supply 240 V~



860A
■ 860A/240

Cables

732H/100	Due Fili Plus cable for internal laying, 2x1 mm ² twisted conductors, PVC sheath, operating temperature -25/+70 °C, insulation degree 450/750 V, not suitable for running through underground channels - 100 m bundle
732H/500	As above, in 500 m bundle
732I/100	Due Fili Plus cable for internal/external laying, 2x1 mm ² twisted conductors, LSZH sheath and insulation, operating temperature -25/+70 °C, insulation degree 600/1000 V, suitable for laying underground in dry ducting or channels with efficient drainage (max. 24 hrs wet), not suitable for laying directly underground - 100 m bundle
732I/500	As above, in 500 m bundle



732H/100
732H/500

DUE FILI PLUS VIDEO DOOR ENTRY SYSTEMS



Extended video door entry kits

Guide to video entry system kit expansion with Pixel series

No of calls	Kits	Additional components for entrance panel													
		Buttons						Alphanumeric						Installation	
	Front modules		Expansion electronic units + Front modules				Front modules		Expansion electronic units + Front modules			Mounting frames and cover plates		Flush	
	Video	Wide-angle camera					Video	Wide-angle camera						Boxes	Rainproof cover
	K41003 * K41004 *														
41103.x		41104.x	41010	41110	41113.x	41121.x	41103.x	41104.x	41018 + 41118.x	41019 + 41119.x	41114.x				
1	1	1		1	1							1 x 41131.y	1 x 9191	41141.y	41151.y
2	1	1		2											
3	1	1	1	3	4										
4	1	1	1	4	3										
5	1	1	1	5	2							1 x 41132.y	1 x 9192	41142.y	41152.y
6	1	1	1	6	1										
7	1	1	1	7											
8	1	1	2	8	4										
9	1	1	2	9	3										
10	1	1	2	10	2							1 x 41133.y	1 x 9193	41143.y	41153.y
11	1	1	2	11	1										
12	1	1	2	12											
13	1	1	3	13	4										
14	1	1	3	14	3										
15	1	1	3	15	2							2 x 41132.y	2 x 9192	41144.y	41154.y
16	1	1	3	16	1										
17	1	1	3	17											
18	1	1	4	18	4	1						2 x 41133.y	2 x 9193	41146.y	41156.y
19	1	1	4	19	3	1									
da 1 a 200 **	1						1		1	1	1	1 x 41133.y	1 x 9193	41143.y	41153.y

Note: it is recommended to install the rainproof cover for the flush mounting because in the surface mounting box the cover is already built-in. Add the color code to the front modules, the rainproof cover and the entrance panel plates.

* The K41003 contains Due Fili Plus audio/video electronic units with color camera and the K41004 contains Due Fili audio/video electronic units with wide-angle camera.

** For systems with over 20 calls, please contact the sales network for advice regarding structure and additional system components.

*** from the 2nd call, 1 distributor each 4 calls.

Extended video door entry kits

Video distributor	Video entryphones and interphones										
	Installation	7300	7200	TAB		5700	6600		Petrarca		Giotto
692D		Video	Video	Video	Audio only	Video	Video	Audio only	Video	Audio only	Video
	Flush mounting	7311+ 7249+ 6923	7211+ 7249			5721 (/D)+ 6149	6611+ 6149	6601/AU+ 6149			
							6621+ 6149	6611/AU+ 6149			
	Surface mounting	7321+ 6923	7211+ 720E	7539	7509 (/D)		6711	6701/AU	6029+ 6209+6145	6209	6329
				7549			6721	6711/AU	6029/C+ 6209+6145		6329/C
				7529 (D)							
	Table mounting	7311+ 730A+ 6923	7211+ 720A	7539+ 753A+ 753B	7509 (/D)+ 753A+ 753B		661C	660C/AU	6029+ 6209+6142	6209+ 6140	6329+ 661A
				7549+ 753A+ 753B			662C	661C/AU	6029/C+ 6209+6142		6329/C+ 661A
				7529(/D)+ 753A+ 753B							
							1				
1						2					
1						3					
1						4					
2						5					
2						6					
2						7					
2						8					
2						9					
3						10					
3						11					
3						12					
3						13					
4						14					
4						15					
4						16					
4						17					
5						18					
5						19					
***						da 1 a 200					

DUE FILI PLUS VIDEO DOOR ENTRY SYSTEMS



Extended audio door entry kits

Guide to entry system kit expansion with Pixel series

No of calls	Kit	Additional components for entrance panel												
	K41000	Buttons					Alphanumeric				Mounting frames and cover plates	Installation		
		Front modules	Expansion electronic units + Front modules				Front modules	Expansion electronic units + Front modules				Flush		Surface
			41100.x	41010	41110	41113.x		41121.x	41100.x	41018 + 41118.x		41019 + 41119.x	41114.x	
1	1	1		1	1						1 x 41131.y	1 x 9191	41141.y	41151.y
2	1	1		2										
3	1	1	1	3	4									
4	1	1	1	4	3									
5	1	1	1	5	2						1 x 41132.y	1 x 9192	41142.y	41152.y
6	1	1	1	6	1									
7	1	1	1	7										
8	1	1	2	8	4									
9	1	1	2	9	3									
10	1	1	2	10	2						1 x 41133.y	1 x 9193	41143.y	41153.y
11	1	1	2	11	1									
12	1	1	2	12										
13	1	1	3	13	4									
14	1	1	3	14	3									
15	1	1	3	15	2						2 x 41132.y	2 x 9192	41144.y	41154.y
16	1	1	3	16	1									
17	1	1	3	17										
18	1	1	4	18	4	1					2 x 41133.y	2 x 9193	41146.y	41156.y
19	1	1	4	19	3	1								
da 1 a 200 *	1						1	1	1	1	1 x 41133.y	1 x 9193	41143.y	41153.y

Note: it is recommended to install the rainproof cover for the flush mounting because in the surface mounting box the cover is already built-in. Add the color code to the front modules, the rainproof cover and the entrance panel plates.

* For systems with over 20 calls, please contact the sales network for advice regarding structure and additional system components.

DUE FILI PLUS VIDEO DOOR ENTRY SYSTEMS



Extended audio door entry kits

Entryphones				
Installation	TAB jr.	6600	Petrarca	Others
Surface mounting	7509 (/D)	6701/AU	6209	6901 (/D)
		6711/AU		8879
Table mounting	7509 (/D)+753A+753B	660C/AU	6209+6140	
		661C/AU		
		1		
		2		
		3		
		4		
		5		
		6		
		7		
		8		
		9		
		10		
		11		
		12		
		13		
		14		
		15		
		16		
		17		
		18		
		19		
		da 1 a 200		

Extended audio and video door entry kits

Extended kit for video entryphones and interphones with Pixel series

Video door entry kits using just two non-polarized conductors (twisted pair) to connect video door entry phone/power supply, power supply/entrance panel, entrance panel/door lock. Recommended cable: 732H/100, 732H/500, 732I/100, 732I/500, supplied separately. Kits are expandable to allow the addition of further audio and video door entry units and entrance panels. Power supply 110-240 V.

▲ K41003	Video entry system kit Comprises: - 1 audio/video electronic unit (41003); - 1 power supply unit (6922.1).
▲ K41004	Colour video door entry kit Comprises: - 1 audio/video electronic unit (41004); - 1 power supply unit (6922.1).
▲ K41000	Audio door entry kit Comprises: - 1 audio/video electronic unit (41000); - 1 power supply unit (40101).



▲ K41003
▲ K41004



▲ K41000

Video door entry kits

One/two-family kit for video entry system with Pixel surface mounting entrance panels

Video door entry kits using just two non-polarized conductors (twisted pair) to connect video door entry phone/power supply, power supply/entrance panel, entrance panel/door lock. Recommended cable: 732H/100, 732H/500, 732I/100, 732I/500, supplied separately. Kits are expandable to allow the addition of further video door entry units and entrance panels. Power supply 110-240 V.

▲ K7539.01	Tab series video entry system kit. Comprises: <ul style="list-style-type: none"> - 1 Tab Free hands-free video entryphone with 3.5" LCD monitor (7539); - 1 audio/video electronic unit (41003); - 1 1-module Pixel entrance plate, grey (41131.01), composed of audio/video front module (41103.01), with 1 call button (41110) and flush mounting box (9191); - 1 power supply unit (6922.1).
▲ K7549.01	Tab series video entry system kit. Comprises: <ul style="list-style-type: none"> - 1 Tab video entryphone with handset and 4.3" LCD monitor (7549); - 1 audio/video electronic unit (41003); - 1 1-module Pixel entrance plate, grey (41131.01), composed of audio/video front module (41103.01), with 1 call button (41110) and flush mounting box (9191); - 1 power supply unit (6922.1).



▲ K7539.01



▲ K7549.01

DUE FILI PLUS VIDEO DOOR ENTRY SYSTEMS



Extended video door entry kits

Guide to entry system kit expansion with 1300 series

	Video kits			Additional video entryphones and interphones									
	Installation	Series	Kits	7300	7200	TAB		5700	6600		Petrarca		Giotto
				Video	Video	Video	Audio only	Video	Video	Audio only	Video	Audio only	Video
No of calls	Flush mounting	7200	7211/KA	7311+7249+6923	7211+7249			5721 (D)+6149	6611+6149	6601/AU+6149			
		5700	5721/K						6621+6149	6611/AU+6149			
		6600	6611/KA										
	Surface mounting	TAB Free	7539/K	7321+6923	7211+720E	7539	7509 (D)		6711	6701/AU	6029+6209+6145	6209	6329
		TAB	7529/K			7549			6721	6711/AU	6029/C+6209+6145		6329/C
		Giotto	6329/KAC			7529 (D)							
	Table mounting			7311+730A+6923	7211+720A	7539+753A+753B	7509 (D)+753A+753B		661C	660C/AU	6029+6209+6142	6209+6140	6329+661A
						7549+753A+753B			662C	661C/AU	6029/C+6209+6142		6329/C+661A
						7529 (D)+753A+753B							
1		1											
2		1						1					
3		1						2					
4		1						3					
5		1						4					
6		1						5					
7		1						6					
8		1						7					
9		1						8					
10		1						9					
11		1						10					
12		1						11					
13		1						12					
14		1						13					
15		1						14					
16		1						15					
17		1						16					
18		1						17					
19		1						18					

Note: it is recommended to install the rainproof cover for the flush mounting because in the surface mounting box the cover is already built-in.

DUE FILI PLUS VIDEO DOOR ENTRY SYSTEMS



Extended video door entry kits

Video distributor	Additional components for entrance panel								
692D	Expansion of the entrance panel					Installation			
						Flush		Surface	
	Expansion electronic units	3-module audio/video cover plates	2-module additional cover plates	3-module additional cover plates	Additional buttons	Boxes		Rainproof cover	Boxes with built-in rainproof cover
	12TS	1331	1358	1372	R131	9192	9193		
								C321	S321
1					1			C321	S321
1					2			C321	S321
1					3			C321	S321
2	1	1			4		1	C331	S331
2	1	1			5		1	C331	S331
2	1	1			6		1	C331	S331
2	1	1			7		1	C331	S331
2	2		1			1		C322	S322
3	2		1		1	1		C322	S322
3	2		1		2	1		C322	S322
3	2		1		3	1		C322	S322
3	4	1		1			2	C332	S332
4	4	1		1	1		2	C332	S332
4	4	1		1	2		2	C332	S332
4	4	1		1	3		2	C332	S332
4	4	1		1	4		2	C332	S332
5	4	1		1	5		2	C332	S332
5	4	1		1	6		2	C332	S332

Extended video door entry kits

One-family extended kit for video entry system with flush mounting 1300 series entrance panels

Video door entry kits using just two non-polarized conductors (twisted pair) to connect video door entry phone/power supply, power supply/entrance panel, entrance panel/door lock. Recommended cable: 732H/100, 732H/500, 732I/100, 732I/500, supplied separately. Kits are expandable to allow the addition of further video door entry units and entrance panels. Power supply 110-240 V.

7211/KA	7200 series colour video entry system kit. Comprises: <ul style="list-style-type: none"> - 1 7200 series two-channel hands-free video entryphone with 7" TFT LCD monitor and back box (7211 + 7249); - 1 audio/video electronic unit (13F5); - 1 1300 series anodized and electro-polished aluminium flush mounting entrance panel with 1 call button (1321 + 9192); - 1 power supply (6922.1).
5721/K	5700 series colour video entry system kit. Comprises: <ul style="list-style-type: none"> - 1 5700 series hands-free video entryphone with 3.5" LCD monitor and back box (5721 + 6149); - 1 audio/video electronic unit (13F5); - 1 1300 series anodized and electro-polished aluminium flush mounting entrance panel with 1 call button (1321 + 9192); - 1 power supply (6922.1).
5721/KD	As above, with speakerphone video door entry unit 5721/D with function for hearing aid wearers
6611/KA	6600 series colour video entry system kit. Comprises: <ul style="list-style-type: none"> - 1 6600 series two-channel hands-free video entryphone with 3.5" TFT LCD monitor, 6 additional buttons and back box (6611 + 6149); - 1 audio/video electronic unit (13F5); - 1 1300 series anodized and electro-polished aluminium flush mounting entrance panel with 1 call button (1321 + 9192); - 1 power supply (6922.1).



7211/KA



5721/K
5721/KD



6611/KA

Extended video door entry kits

One-family extended kit for video entry system with surface mounting 1300 series entrance panels

Video door entry kits using just two non-polarized conductors (twisted pair) to connect video door entry phone/power supply, power supply/entrance panel, entrance panel/door lock. Recommended cable: 732H/100, 732H/500, 732I/100, 732I/500, supplied separately. Kits are expandable to allow the addition of further video door entry units and entrance panels. Power supply 110-240 V.

7539/K	Tab series colour video entry system kit. Comprises: <ul style="list-style-type: none"> - 1 Tab series hands-free video entryphone with 3.5" LCD monitor (Tab Free 7539); - 1 audio/video electronic unit (13F5); - 1 1300 series anodized and electro-polished aluminium flush mounting entrance panel with 1 call button (1321 + 9192); - 1 power supply (6922.1).
7539/K2	Tab series colour video entry system kit. Comprises: <ul style="list-style-type: none"> - 2 Tab series hands-free video entryphones with 3.5" LCD monitor (Tab Free 7539); - 1 audio/video electronic unit (13F2); - 1 1300 series anodized and electro-polished aluminium entrance panel , with surface and flush mounting boxes, 2 call buttons (13K1 + R131 + 91K1); - 1 power supply (6922.1).
7539/K3	Tab series colour video entry system kit. Comprises: <ul style="list-style-type: none"> - 3 Tab series hands-free video entryphones with 3.5" LCD monitor (Tab Free 7539); - 1 audio/video electronic unit (13F5); - 1 1300 series anodized and electro-polished aluminium flush mounting entrance panel with 3 call buttons (1321 + 2 x R131 + 9192); - 1 power supply (6922.1).
7539/K4	Tab series colour video entry system kit. Comprises: <ul style="list-style-type: none"> - 4 Tab series hands-free video entryphones with 3.5" LCD monitor (Tab Free 7539); - 1 audio/video electronic unit (13F5); - 1 1300 series anodized and electro-polished aluminium flush mounting entrance panel with 4 call buttons (1321 + 3 x R131 + 9192); - 1 power supply (6922.1).



7539/K

Extended video door entry kits

One-family extended kit for video entry system with surface mounting 1300 series entrance panels

Video door entry kits using just two non-polarized conductors (twisted pair) to connect video door entry phone/power supply, power supply/entrance panel, entrance panel/door lock. Recommended cable: 732H/100, 732H/500, 732I/100, 732I/500, supplied separately. Kits are expandable to allow the addition of further video door entry units and entrance panels. Power supply 110-240 V.

7529/K	Tab series colour video entry system kit. Comprises: <ul style="list-style-type: none"> - 1 Tab video entryphone with handset and 3.5" LCD monitor (7529); - 1 audio/video electronic unit (13F5); - 1 1300 series anodized and electro-polished aluminium flush mounting entrance panel with 1 call button (1321 + 9192); - 1 power supply (6922.1).
■ 7529/KD	As above, with video door entry unit 7529/D with function for hearing aid wearers
6329/KAC	Giotto series colour video entry system kit. Comprises: <ul style="list-style-type: none"> - 1 Giotto video entryphone with handset and 3.5" LCD monitor (6329/C); - 1 audio/video electronic unit (13F5); - 1 1300 series anodized and electro-polished aluminium flush mounting entrance panel with 1 call button (1321 + 9192); - 1 power supply (6922.1).
6329/KA	Giotto series b-&-w video entry system kit. Comprises: <ul style="list-style-type: none"> - 1 Giotto video entryphone with handset and 3.5" b-&-w monitor (6329); - 1 audio/video electronic unit (13F5); - 1 1300 series anodized and electro-polished aluminium flush mounting entrance panel with 1 call button (1321 + 9192); - 1 power supply (6922.1).



7529/K
■ 7529/KD



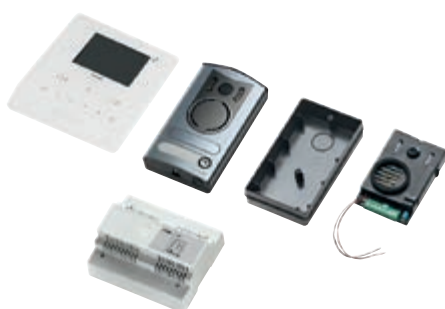
6329/KAC
6329/KA

Extended video door entry kits

One/two-family kit for video entry system with surface mounting 1300 series entrance panels

Video door entry kits using just two non-polarized conductors (twisted pair) to connect video door entry phone/power supply, power supply/entrance panel, entrance panel/door lock. Recommended cable: 732H/100, 732H/500, 732I/100, 732I/500, supplied separately. Kits are expandable to allow the addition of further video door entry units and entrance panels. Power supply 110-240 V.

7539/M	Tab series colour video entry system kit. Comprises: <ul style="list-style-type: none"> - 1 Tab series hands-free video entryphone with 3.5" LCD monitor (Tab Free 7539); - 1 audio/video electronic unit (13F2); - 1 1300 series anodized and electro-polished aluminium entrance panel , with surface and flush mounting boxes, 1 call button (13K1 + 91K1), and the 2nd additional button (R131); - 1 power supply (6922.1).
▲ 7549/M	Tab series colour video entry system kit. Comprises: <ul style="list-style-type: none"> - 1 Tab video entryphone with handset and 4.3" LCD monitor (7549); - 1 audio/video electronic unit (13F2); - 1 1300 series anodized and electro-polished aluminium entrance panel , with surface and flush mounting boxes, 1 call button (13K1 + 91K1), and the 2nd additional button (R131); - 1 power supply (6922.1).
7529/M	Tab series colour video entry system kit. Comprises: <ul style="list-style-type: none"> - 1 Tab video entryphone with handset and 3.5" LCD monitor (7529); - 1 audio/video electronic unit (13F2); - 1 1300 series anodized and electro-polished aluminium entrance panel , with surface and flush mounting boxes, 1 call button (13K1 + 91K1), and the 2nd additional button (R131); - 1 power supply (6922.1).
7529/MD	As above, with video door entry unit 7529/D with function for hearing aid wearers



7539/M



▲ 7549/M



7529/M
7529/MD

DUE FILI PLUS VIDEO DOOR ENTRY SYSTEMS



Extended video door entry kits

Guide to entry system kit expansion with 1200 series

No of calls	Video kits			Additional video entryphones and interphones										
	Installation	Series	Kits	7300	7200	TAB		5700	6600		Petrarca		Giotto	
				Video	Video	Video	Audio only	Video	Video	Audio only	Video	Audio only	Video	
	Flush mounting	7200	7211/KI1	7311+7249+6923	7211+7249			5721 (/D)+6149	6611+6149	6601/AU+6149				
		6600	6611/KI1						6621+6149	6611/AU+6149				
	Surface mounting	Giotto	6329/KCI	7321+6923	7211+720E	7539	7509 (/D)			6711	6701/AU	6029+6209+6145	6209	6329
						7549						6029/C+6209+6145		
7529 (D)						6721				6711/AU	6029/C+6209+6145			
Table mounting			7311+730A+6923	7211+720A	7539+753A+753B	7509 (/D)+753A+753B			661C	660C/AU	6029+6209+6142	6209+6140	6329+661A	
					7549+753A+753B						6029/C+6209+6142			6329/C+661A
					7529 (/D)+753A+753B				662C	661C/AU	6029/C+6209+6142			
1	1													
2	1			1										
3	1			2										
4	1			3										
5	1			4										
6	1			5										
7	1			6										
8	1			7										
9	1			8										
10	1			9										
11	1			10										
12	1			11										
13	1			12										
14	1			13										
15	1			14										
16	1			15										
17	1			16										
18	1			17										
19	1			18										

Note: it is recommended to install the rainproof cover for the flush mounting because in the surface mounting box the cover is already built-in.

DUE FILI PLUS VIDEO DOOR ENTRY SYSTEMS



Extended video door entry kits

Video distributor	Additional components for entrance panel						
692D	Expansion of the entrance panel			Installation			
				Flush		Surface	
	Expansion electronic units	Audio/video cover plates	Additional cover plates	Boxes		Rainproof cover	Boxes with built-in rainproof cover
	12TS			9192	9193		
						1P21	1E21
1		1222				1P21	1E21
1		1223				1P21	1E21
1		1224				1P21	1E21
2	1	1235			1	1P31	1E31
2	1	1236			1	1P31	1E31
2	1	1237			1	1P31	1E31
2	1	1238			1	1P31	1E31
2	2		1258	1		1P22	1E22
3	2	1222	1258	1		1P22	1E22
3	2	1223	1258	1		1P22	1E22
3	2	1224	1258	1		1P22	1E22
3	4	1231	1272		2	1P32	1E32
4	4	1232	1272		2	1P32	1E32
4	4	1233	1272		2	1P32	1E32
4	4	1234	1272		2	1P32	1E32
4	4	1235	1272		2	1P32	1E32
5	4	1236	1272		2	1P32	1E32
5	4	1237	1272		2	1P32	1E32

Extended video door entry kits

One-family extended kit for video entry system with flush mounting 1200 series entrance panels

Video door entry kits using just two non-polarized conductors (twisted pair) to connect video door entry phone/power supply, power supply/entrance panel, entrance panel/door lock. Recommended cable: 732H/100, 732H/500, 732I/100, 732I/500, supplied separately. Kits are expandable to allow the addition of further video door entry units and entrance panels. Power supply 110-240 V.

7211/KI1	7200 series colour video entry system kit. Comprises: <ul style="list-style-type: none"> - 1 7200 series two-channel hands-free video entryphone with 7" TFT LCD monitor and back box (7211 + 7249); - 1 audio/video electronic unit (13F5); - 1 1200 series stainless steel flush mounting entrance panel with 1 call button (1221 + 9192); - 1 power supply (6922.1).
■ 6611/KI1	6600 series colour video entry system kit. Comprises: <ul style="list-style-type: none"> - 1 6600 series two-channel hands-free video entryphone with 3.5" TFT LCD monitor, 6 additional buttons and back box (6611 + 6149); - 1 audio/video electronic unit (13F5); - 1 1200 series stainless steel flush mounting entrance panel with 1 call button (1221 + 9192); - 1 power supply (6922.1).



7211/KI1



■ 6611/KI1

Extended video door entry kits

One-family extended kit for video entry system with surface mounting 1200 series entrance panels

Video door entry kits using just two non-polarized conductors (twisted pair) to connect video door entry phone/power supply, power supply/entrance panel, entrance panel/door lock. Recommended cable: 732H/100, 732H/500, 732I/100, 732I/500, supplied separately. Kits are expandable to allow the addition of further video door entry units and entrance panels. Power supply 110-240 V.

- **6329/KCI** **Giotto series** colour video entry system kit.
- Comprises:
- 1 Giotto video entryphone with handset and 3.5" LCD monitor (6329/C);
 - 1 audio/video electronic unit (13F5);
 - 1 1200 series stainless steel flush mounting entrance panel with 1 call button (1221 + 9192);
 - 1 power supply (6922.1).



■ 6329/KCI

DUE FILI PLUS VIDEO DOOR ENTRY SYSTEMS



Extended video door entry kits

Guide to entry system kit expansion with 8000 series

No of calls	Video kits			Additional video entryphones and interphones										Video distributor
	Installation	Series	Kits	7300	7200	TAB		5700	6600		Petrarca		Giotto	692D
				Video	Video	Video	Audio only	Video	Video	Audio only	Video	Audio only	Video	
	Flush mounting	6600	6621/K *	7311+7249+6923	7211+7249			5721 (/D)+6149	6611+6149	6601/AU+6149				
	6611/K *						6621+6149	6611/AU+6149						
Surface mounting	Petrarca	6009/K1 **	7321+6923	7211+720E	7539	7509 (/D)		6711	6701/AU	6029+6209+6145	6209	6329		
					7549					6029/C+6209+6145			6329/C	
	Giotto	6329/K1 **			7529 (D)			6721	6711/AU					
Table mounting			7311+730A+6923	7211+720A	7539+753A+753B	7509 (/D)+753A+753B		661C	660C/AU	6029+6209+6142	6209+6140	6329+661A		
					7549+753A+753B			662C	661C/AU	6029/C+6209+6142		6329/C+661A		
					7529 (/D)+753A+753B									
1	1													
2	1			1										1
3	1			2										1
4	1			3										1
5	1			4										2
6	1			5										2
7	1			6										2
8	1			7										2
9	1			8										2
10	1			9										3
11	1			10										3
12	1			11										3
13	1			12										3
14	1			13										4
15	1			14										4
16	1			15										4
17	1			16										4
18	1			17										5
19	1			18										5

Note: * kits 6621/K and 6611/K are supplied with a module without "Busy - Wait" indication, while ** kits 6009/K1 and 6329/K1 are supplied with a "Busy - Wait" indication module. It is recommended to install the rainproof cover for the flush mounting because in the surface mounting box the cover is already built-in.

Extended video door entry kits

Additional components for entrance panel																	
Extended entrance panel without 'Busy/Please wait'										Extended entrance panel with 'Busy/Please wait'							
Additional electronic unit	Modules					Add. module-holder frame	Installation			Additional electronic unit	Modules			Add. module-holder frame	Installation		
							Flush		Surface						Flush		Surface
							Boxes	Rainproof cover	Boxes with built-in rainproof cover						Boxes	Rainproof cover	Boxes with built-in rainproof cover
12TS	RPS1	RPS2	RPS3	RPS4	8000		9192	9193		12TS		RPS4			9192	9193	
	1 *								9212	9312+ 9212		RP01 **				9212	9312+ 9212
		1							9212	9312+ 9212		RP02				9212	9312+ 9212
			1						9212	9312+ 9212		RP03				9212	9312+ 9212
				1					9212	9312+ 9212	1	RP00	1	8093		1	9213
1	1			1		8093		1	9213	9313+ 9213	1	RP01 **	1	8093		1	9213
1		1		1		8093		1	9213	9313+ 9213	1	RP02	1	8093		1	9213
1			1	1		8093		1	9213	9313+ 9213	1	RP03	1	8093		1	9213
1				2		8093		1	9213	9313+ 9213	2	RP00	2	8082	2		9222
2	1			2		8082	2		9222	9322+ 9222	2	RP01 **	2	8082	2		9222
2		1		2		8082	2		9222	9322+ 9222	2	RP02	2	8082	2		9222
2			1	2		8082	2		9222	9322+ 9222	2	RP03	2	8082	2		9222
2				3		8082	2		9222	9322+ 9222	3	RP00+ 8000	3	8093+ 8083		2	9223
4	1			3	1	8093+ 8083		2	9223	9323+ 9223	4	RP00+ RPS1	3	8093+ 8083		2	9223
4		1		3	1	8093+ 8083		2	9223	9323+ 9223	4	RP00+ RPS2	3	8093+ 8083		2	9223
4			1	3	1	8093+ 8083		2	9223	9323+ 9223	4	RP00+ RPS3	3	8093+ 8083		2	9223
4				4	1	8093+ 8083		2	9223	9323+ 9223	4	RP00	4	8093+ 8083		2	9223
4	1			4		8093+ 8083		2	9223	9323+ 9223	4	RP01 **	4	8093+ 8083		2	9223
4		1		4		8093+ 8083		2	9223	9323+ 9223	4	RP02	4	8093+ 8083		2	9223
4			1	4		8093+ 8083		2	9223	9323+ 9223	4	RP03	4	8093+ 8083		2	9223

Extended video door entry kits

One-family extended kit for video entry system with flush mounting 8000 series entrance panels

Video door entry kits using just two non-polarized conductors (twisted pair) to connect video door entry phone/power supply, power supply/entrance panel, entrance panel/door lock. Recommended cable: 732H/100, 732H/500, 732I/100, 732I/500, supplied separately. Kits are expandable to allow the addition of further video door entry units and entrance panels. Power supply 110-240 V.

6621/K	6600 series colour video entry system kit. Comprises: - 1 6600 series two-channel hands-free video entryphone with 3.5" TFT LCD monitor and back box (6621 + 6149); - 1 audio/video electronic unit (13F5); - 1 8000 series light grey flush mounting entrance panel with 1 call button (RPC5 + RP01 + 9192 + 8092); - 1 power supply (6922.1).
6611/K	6600 series colour video entry system kit. Comprises: - 1 6600 series two-channel hands-free video entryphone with 3.5" TFT LCD monitor, 6 additional buttons and back box (6611 + 6149); - 1 audio/video electronic unit (13F5); - 1 8000 series light grey flush mounting entrance panel with 1 call button (RPC5 + RP01 + 9192 + 8092); - 1 power supply (6922.1).



6621/K



6611/K

Extended video door entry kits

One-family extended kit for video entry system with surface mounting 8000 series entrance panels

Video door entry kits using just two non-polarized conductors (twisted pair) to connect video door entry phone/power supply, power supply/entrance panel, entrance panel/door lock. Recommended cable: 732H/100, 732H/500, 732I/100, 732I/500, supplied separately. Kits are expandable to allow the addition of further video door entry units and entrance panels. Power supply 110-240 V.

■ 6009/K1	Petrarca series b-&-w video entry system kit. Comprises: - 1 Petrarca video entryphone with handset and 3.5" b-&-w monitor (6029 + 6209 + 6145); - 1 audio/video electronic unit (13F5); - 1 8000 series light grey flush mounting entrance panel with 1 call button (RPC5 + RP01 + 9192 + 8092); - 1 power supply (6922.1).
■ 6329/K1	Giotto series b-&-w video entry system kit. Comprises: - 1 Giotto video entryphone with handset and 3.5" b-&-w monitor (6329); - 1 audio/video electronic unit (13F5); - 1 8000 series light grey flush mounting entrance panel with 1 call button (RPC5 + RP01 + 9192 + 8092); - 1 power supply (6922.1).



■ 6009/K1



6329/K1

Installation diagrams

ABSORPTIONS, VIDEO SIGNAL ATTENUATION, SUPPLY VOLTAGE

from page 214

AUDIO DOOR ENTRY SYSTEMS

from page 216

- Single residence
- Apartment block
- Apartment block with porter switchboard
- Building complex
- Building complex with porter switchboard

VIDEO DOOR ENTRY SYSTEMS

from page 226

- Single residence
- Apartment block
- Apartment block with porter switchboard
- Building complex
- Building complex with porter switchboard

OTHER SYSTEM-READY SOLUTIONS

from page 249

DUE FILI PLUS VIDEO DOOR ENTRY SYSTEMS



Absorptions, video signal attenuation, supply voltage

Technical data: video door entry units, interphones, porter switchboards and electronic units

Code	Description	Video (dBm)	Absorption (mA)					
			Vertical Bus				Horizontal Bus	
			Main Bus		Secondary Bus			
			Stand by	Operating	Stand by	Operating	Stand by	Operating
Video door entry units								
7539	Tab Free 3.5" surface mounting hands-free video entryphones	Min. operating signal - 20	10	160	10	160	n.d.	n.d.
7549	Tab 4.3" surface mounting video entryphones with handset		10	180	10	180	n.d.	n.d.
7529	Tab 3.5" surface mounting video entryphones with handset		10	200	10	200	n.d.	n.d.
7311	Wide Touch 7" flush mounting hands-free video entryphones		15	290	15	290	n.d.	n.d.
7321	Wide Touch 7" surface mounting hands-free video entryphones		15	290	15	290	n.d.	n.d.
7211	7200 series 7" flush mounting hands-free video entryphones		10	350	10	350	n.d.	n.d.
5721	5700 series 3.5" flush mounting hands-free video entryphones		65	175	65	175	n.d.	n.d.
6621	6600 series 3.5" flush mounting hands-free video entryphones		10	190	10	190	n.d.	n.d.
662C	6600 series 3.5" desktop hands-free video entryphones		10	190	10	190	n.d.	n.d.
6721	6600 series 3.5" surface mounting hands-free video entryphones		10	190	10	190	n.d.	n.d.
6611	6600 series 3.5" flush mounting hands-free video entryphones with 6 additional programmable buttons		10	280	10	280	n.d.	n.d.
661C	6600 series 3.5" desktop hands-free video entryphones with 6 additional programmable buttons		10	280	10	280	n.d.	n.d.
6711	6600 series 3.5" surface mounting hands-free video entryphones with 6 additional programmable buttons		10	280	10	280	n.d.	n.d.
6029	Petrarca series surface mounting monitor with 3.5" B/W display		5	200	5	200	n.d.	n.d.
6029/C	Petrarca series surface mounting monitor with 3.5" colour display		5	200	5	200	n.d.	n.d.
6329	Giotto 3.5" surface mounting video entryphones with handset and 3.5" B/W display		10	200	10	200	n.d.	n.d.
6329/C	Giotto 3.5" surface mounting video entryphones with handset and 3.5" colour display	10	200	10	200	n.d.	n.d.	
Interphones								
7509	Tab jr. surface mounting interphones	Min. operating signal - 20	10	100	10	100	n.d.	n.d.
6601/AU	6600 series flush mounting hands-free interphones		10	100	10	100	n.d.	n.d.
660C/AU	6600 series desktop hands-free interphones		10	100	10	100	n.d.	n.d.
6701/AU	6600 series surface mounting hands-free interphones		10	100	10	100	n.d.	n.d.
6611/AU	6600 series flush mounting hands-free interphones with 6 additional programmable buttons		10	100	10	100	n.d.	n.d.
661C/AU	6600 series desktop hands-free interphones with 6 additional programmable buttons		10	100	10	100	n.d.	n.d.
6711/AU	6600 series surface mounting hands-free interphones with 6 additional programmable buttons		10	100	10	100	n.d.	n.d.
6209	Petrarca series surface mounting interphones		10	65	10	65	n.d.	n.d.
8879	8870 series surface mounting interphones		10	65	10	65	n.d.	n.d.
6901	6900 series surface mounting hands-free interphones		10	110	10	110	n.d.	n.d.
6901/D	6900 series surface mounting hands-free interphones with function for hearing aid wearers		10	130	10	130	n.d.	n.d.
Porter switchboards								
40510	Due Fili Plus porter switchboard with 7" colour display	Min. operating signal - 20	10 **	100 **	10 **	100 **	10 **	100 **
945F	Due Fili porter switchboard	-	10 **	70 **	10 **	70 **	10 **	70 **
945F/T	Due Fili porter switchboard with interface for camera		10 **	70 **	10 **	70 **	10 **	70 **
Electronic units								
41000	Audio electronic unit	Signal supplied + 16	25	300	25	300	25	300
41001	Teleloop audio electronic unit		30	360	30	360	30	360
41003	Audio/video electronic unit		30	390	30	390	30	390
41004	Audio/video teleloop electronic unit with wide-angle colour camera		30	440	30	440	30	440
13F4	Electronic unit for audio entrance panel with alphanumeric keypad		120	320 *	120	320 *	120	320 *
13F7	Electronic unit for audio/video entrance panel with alphanumeric keypad		120	320 *	120	320 *	120	320 *
13F3	Electronic unit for audio entrance panel with traditional buttons		60	260 *	60	260 *	60	260 *
13F5	Electronic unit for audio/video entrance panel with traditional buttons		60	260 *	60	260 *	60	260 *
13F1	Electronic unit for audio entrance panel with traditional buttons		40	250 *	40	250 *	n.a.	n.a.
13F2	Electronic unit for audio/video entrance panel with traditional buttons		40	250 *	40	250 *	n.a.	n.a.
13C5	Electronic unit for post box version of audio or video entrance panel		60	260 *	60	260 *	60	260 *

Notes: the technical data do not change with the colour version of the audio and video units.

* If the electric lock is connected, add to the electronic unit and to the entrance panel 150 mA of absorption.

** With 6923 additional power supply.

DUE FILI PLUS VIDEO DOOR ENTRY SYSTEMS



Absorptions, video signal attenuation, supply voltage

Technical data: entrance panels and system components

Code	Description	Video (dBm)	Absorption (mA)					
			Vertical Bus				Horizontal Bus	
			Main Bus		Secondary Bus		Stand by	Operating
			Stand by	Operating	Stand by	Operating	Stand by	Operating
Entrance panels								
13T4	Patavium series audio entrance panel with alphanumeric keypad	Signal supplied + 16	120	320 *	120	320 *	120	320 *
13T7	Patavium series audio/video entrance panel with alphanumeric keypad		120	320 *	120	320 *	120	320 *
13T3	Patavium series audio entrance panel with traditional buttons		60	260 *	60	260 *	60	260 *
13T5	Patavium series audio/video entrance panel with traditional buttons		60	260 *	60	260 *	60	260 *
13I4	Inox Flat series audio entrance panel with alphanumeric keypad		120	320 *	120	320 *	120	320 *
13I4/K	Inox Flat series audio entrance panel with alphanumeric keypad and card for names		120	320 *	120	320 *	120	320 *
13I7	Inox Flat series audio/video entrance panel with alphanumeric keypad		120	320 *	120	320 *	120	320 *
13I7/K	Inox Flat series audio/video entrance panel with alphanumeric keypad and card for names		120	320 *	120	320 *	120	320 *
System components		Video (dB)						
69DM	Due Fili interface + Digibus	0	25	100	n.d.	n.d.	n.d.	n.d.
69RS	Expansion interface	- 0.2 through-line - 0.2 single	25	50	n.d.	n.d.	15	40
692S	Separator	- 0.2 through-line - 0.2 single	15	40	25	50	n.d.	n.d.
69DV	Riser splitter	- 0.2 through-line 0 single	15	50	15	50	15	50
69DV/5	Riser splitter for cat. 5 system	- 0.2 through-line 0 single	15	50	15	50	15	50
692D/2	Active video distributor	- 0.2 through-line - 4/- 8/- 12 single	13	30	13	30	13	30
692D	Passive video distributor	- 0.5 through-line - 20 single	0	0	0	0	0	0
692M	Amplifier	+ 6 or + 14	20	50	20	50	20	50
692M/5	Amplifier for cat. 5 system	+ 6 or + 14	20	50	20	50	20	50
69MX	Concentrator	16	25	50	25	50	25	50
69MX/5	Concentrator for cat. 5 system	16	25	50	25	50	25	50
69AM	Audio/video selector for 4 cameras	10	15	100	15	100	15	100
69AM/4	Additional audio/video selector for 4 cameras	0	25	50	25	50	25	50
69AM/T	Video selector for 4 cameras	10	25	50	25	50	25	50
69AM/T4	Additional video selector for 4 cameras	0	25	50	25	50	25	50
69MC	Audio/video converter	0	10	50	10	50	10	50
69MD	Audio/video converter for the user	0	10	60	10	60	n.d.	n.d.
692E	Overvoltage protection device	0	0	0	0	0	0	0
6120	Remote buttons interface	0	2	10	2	10	n.d.	n.d.
69PH	Digital actuator	0	15	80	15	80	15	80
69RH	Digital actuator	0	15	100	15	100	n.d.	n.d.
69RH/L	Digital actuator activated by call from entrance panel	0	15	100	15	100	n.d.	n.d.
0170/101	Relay	0	-	-	-	-	-	-
732H/100	Due Fili Plus cable (100 m)	-5	-	-	-	-	-	-
732H/500	Due Fili Plus cable (500 m)	-25	-	-	-	-	-	-
732I/100	Due Fili Plus cable for outdoor installation (100 m)	-5	-	-	-	-	-	-
732I/500	Due Fili Plus cable for outdoor installation (500 m)	-25	-	-	-	-	-	-

Notes: the technical data do not change with the colour version of the audio and video units.

* If the electric lock is connected, add to the electronic unit and to the entrance panel 150 mA of absorption.

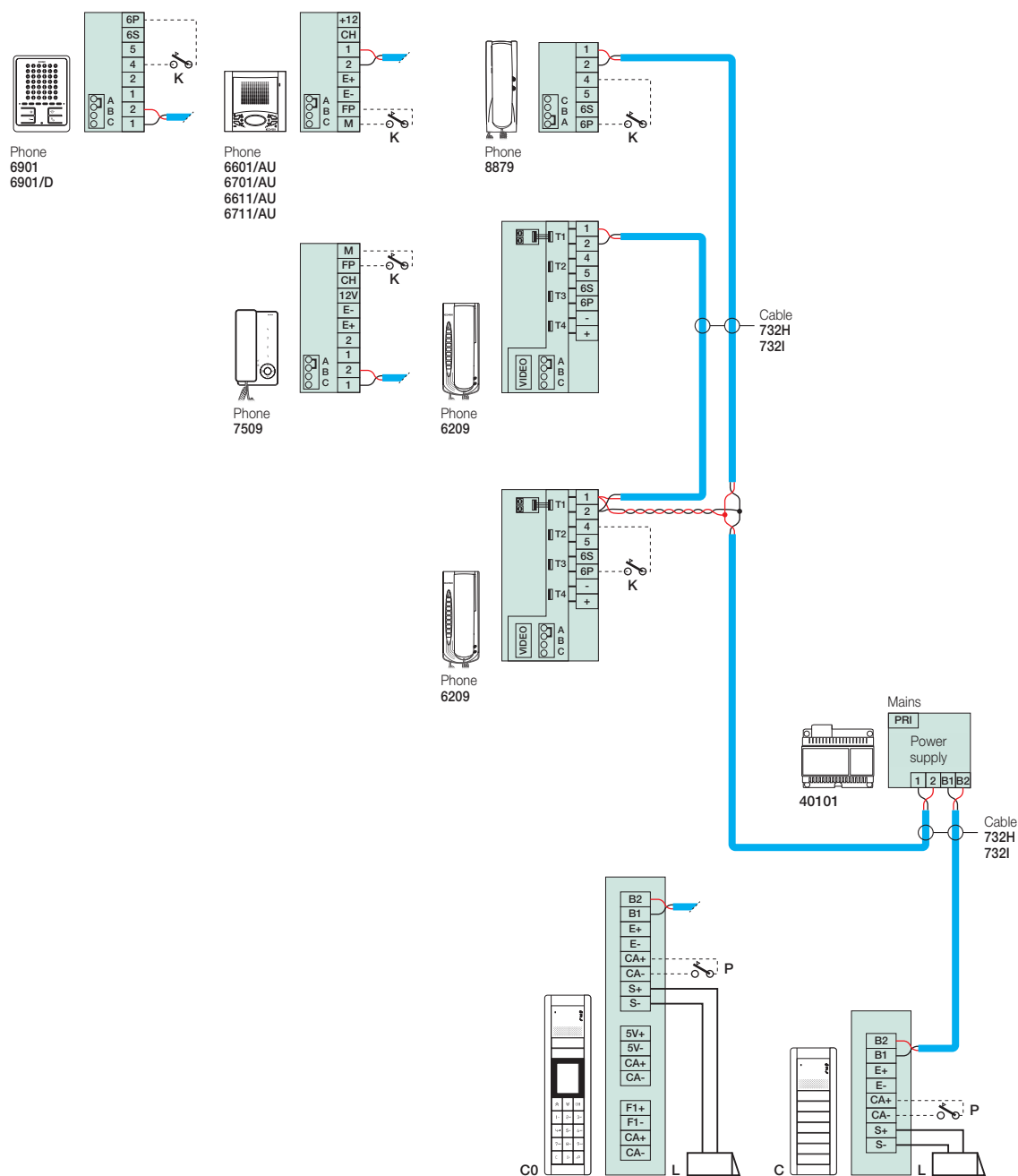
Technical data: power supplies

Code	Description	Current supplied	
		Continuously	Intermittent
6922.1	Power supply	1000	600
40101	Power supply	600	400
6923	Additional power supply	250	-
6582	Additional power supply	250	-
6982	Additional power supply	150	-

DUE FILI PLUS VIDEO DOOR ENTRY SYSTEMS



One-family audio door entry system (1 external and 3 internal units)



C - Audio entrance panel with push button Pixel series
C0 - Alphanumeric audio entrance panel Pixel series
K - Outdoor call push-button
L - Electric lock 12 V
P - Open door command

Minimum conductor section (mm²)

Electric lock	1,5 mm ²
Other: -, +U, +I (β)	1 mm ²

(β) the 6923 additional power supply must be installed as close as possible to the device to which is connected.



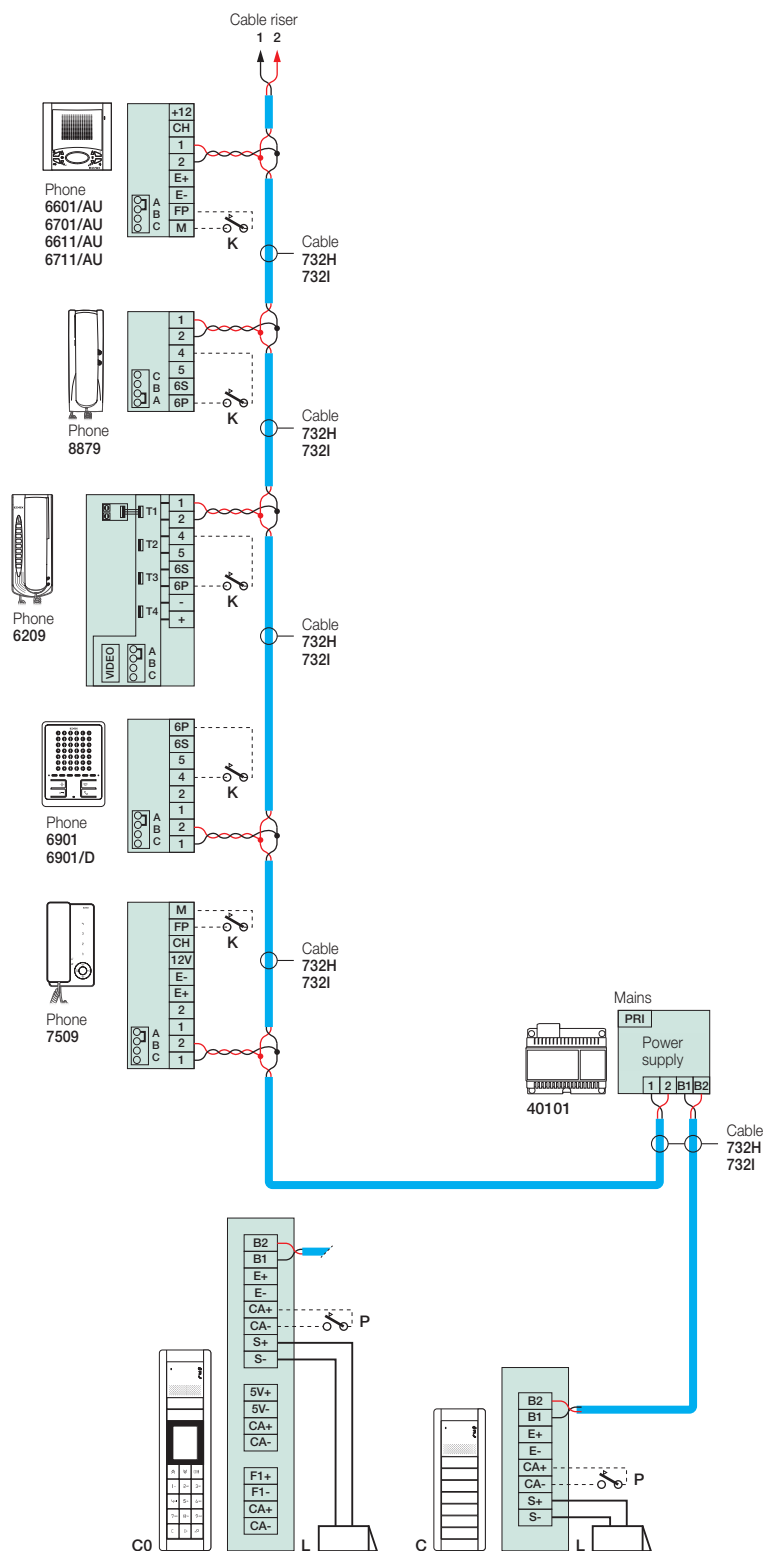
1. *Chlorophyll a* (Chl *a*) and *Chlorophyll b* (Chl *b*) were determined using the method of Lichtenthaler and Whistler (1987). The total chlorophyll content was determined using the method of Lichtenthaler and Whistler (1987). The total chlorophyll content was determined using the method of Lichtenthaler and Whistler (1987).



Minimum conductor section (mm ²)	
Electric lock	1,5 mm ²
Other: -, +U, +I (β)	1 mm ²

(β) the 6923 additional power supply must be installed as close as possible to the device to which is connected.

Residential audio door entry system (1 external unit)



C - Audio entrance panel with push button Pixel series
 C0 - Alphanumeric audio entrance panel Pixel series
 K - Outdoor call push-button
 L - Electric lock 12 V
 P - Open door command

Minimum conductor section (mm²)

Electric lock	1,5 mm ²
Other: -, +U, +I (β)	1 mm ²

(β) the 6923 additional power supply must be installed as close as possible to the device to which is connected.

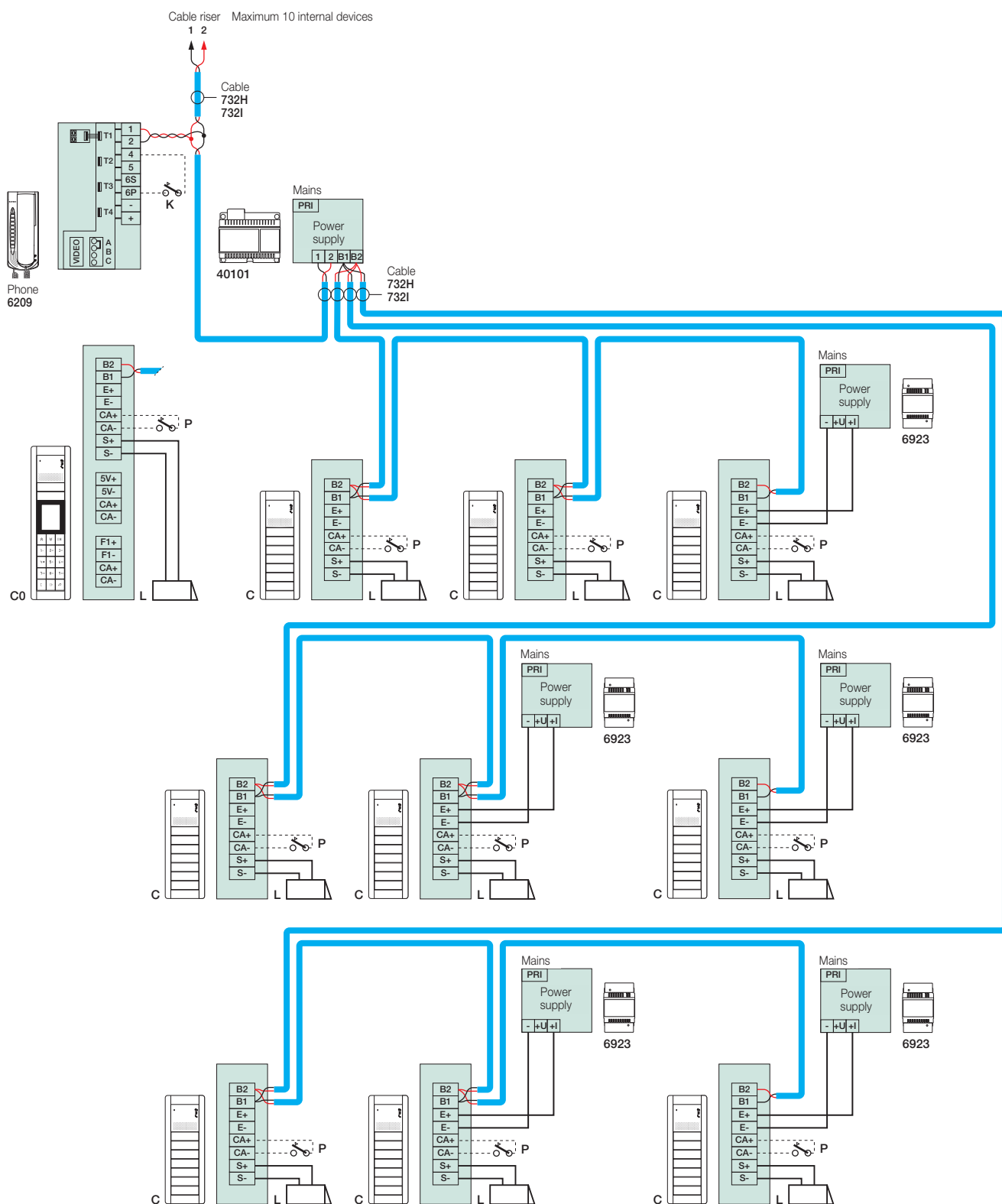
Panels and door entry units powered by power supply 40101

Number of door entry units (outdoor audio units)	Number of door entry units (indoor units)
0 *	50 *
1	40
2	30
3	20
4	10
5	0

The panels powered by additional power supply 6923 are not included in the calculation.

* Power supply on door entry unit island without panel at the foot of the stairs.

Residential audio door entry system (more external units)



C - Audio entrance panel with push button Pixel series
 C0 - Alphanumeric audio entrance panel Pixel series
 K - Outdoor call push-button
 L - Electric lock 12 V
 P - Open door command

Minimum conductor section (mm²)

Electric lock	1,5 mm ²
Other: -, +U, +I (β)	1 mm ²

(β) the 6923 additional power supply must be installed as close as possible to the device to which is connected.

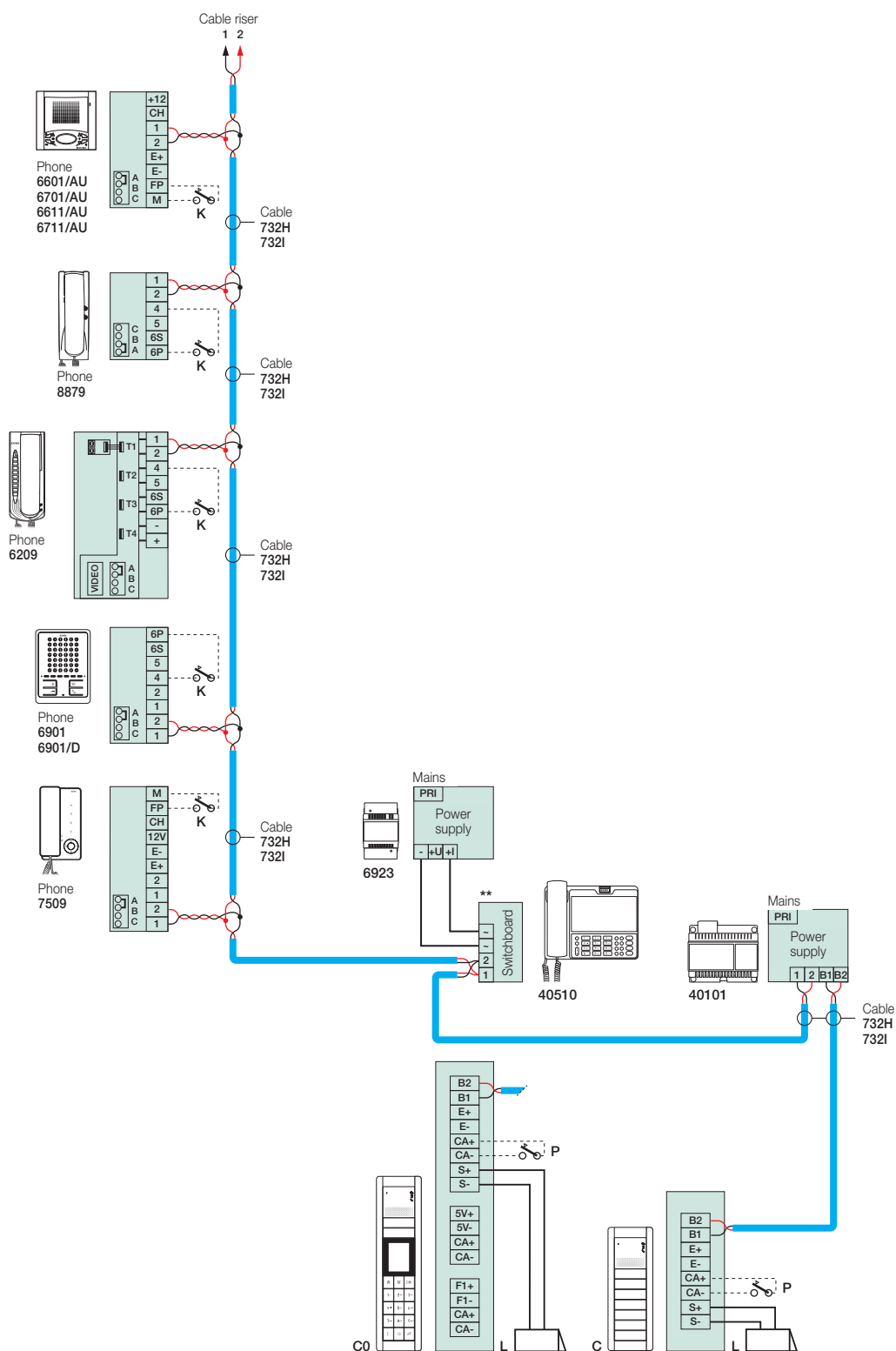
Panels and door entry units powered by power supply 40101

Number of door entry units (outdoor audio units)	Number of door entry units (indoor units)
0 *	50 *
1	40
2	30
3	20
4	10
5	0

The panels powered by additional power supply 6923 are not included in the calculation.

* Power supply on door entry unit island without panel at the foot of the stairs.

Audio door entry system in apartment block with porter switchboard



C - Audio entrance panel with push button Pixel series
 C0 - Alphanumeric audio entrance panel Pixel series
 K - Outdoor call push-button
 L - Electric lock 12 V
 P - Open door command

**** Attention:**
 In the connection stub respect attentively the connections. The inversions in cablings may damage the switchboard.

Minimum conductor section (mm²)

Electric lock	1,5 mm ²
Other: -, +U, +I (β)	1 mm ²

(β) the 6923 additional power supply must be installed as close as possible to the device to which is connected.

Panels and door entry units powered by power supply 40101

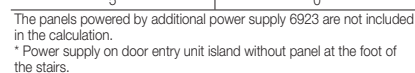
Number of door entry units (outdoor audio units)	Number of door entry units (indoor units)
0 *	50 *
1	40
2	30
3	20
4	10
5	0

The panels powered by additional power supply 6923 are not included in the calculation.

* Power supply on door entry unit island without panel at the foot of the stairs.

ELVAX

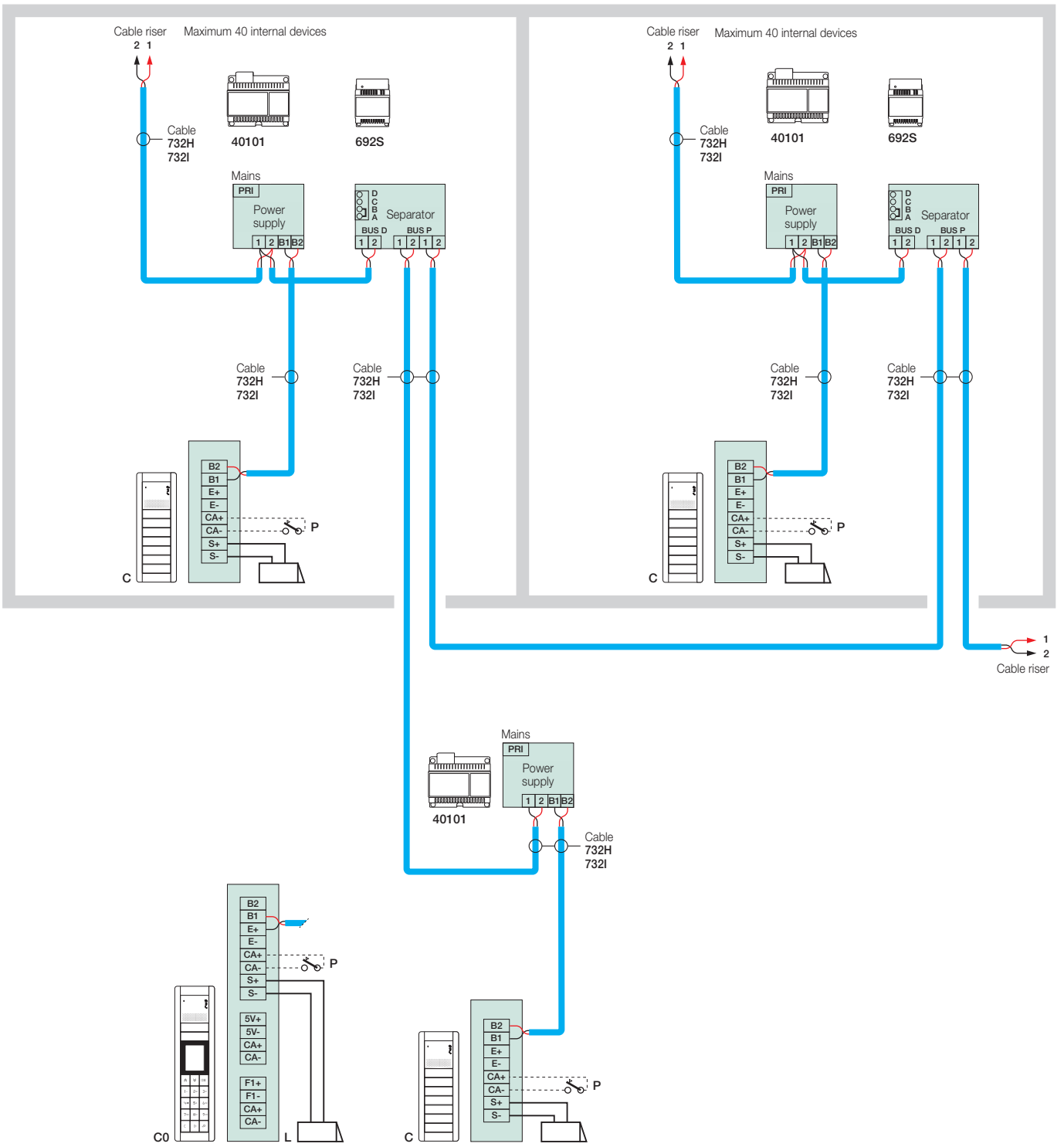
AUDIO DOOR ENTRY SYSTEMS



DUE FILI PLUS VIDEO DOOR ENTRY SYSTEMS



Audio door entry system in building complex with multiple secondary entrance panels



C - Audio entrance panel with push button Pixel series
C0 - Alphanumeric audio entrance panel Pixel series
L - Electric lock 12 V
P - Open door command

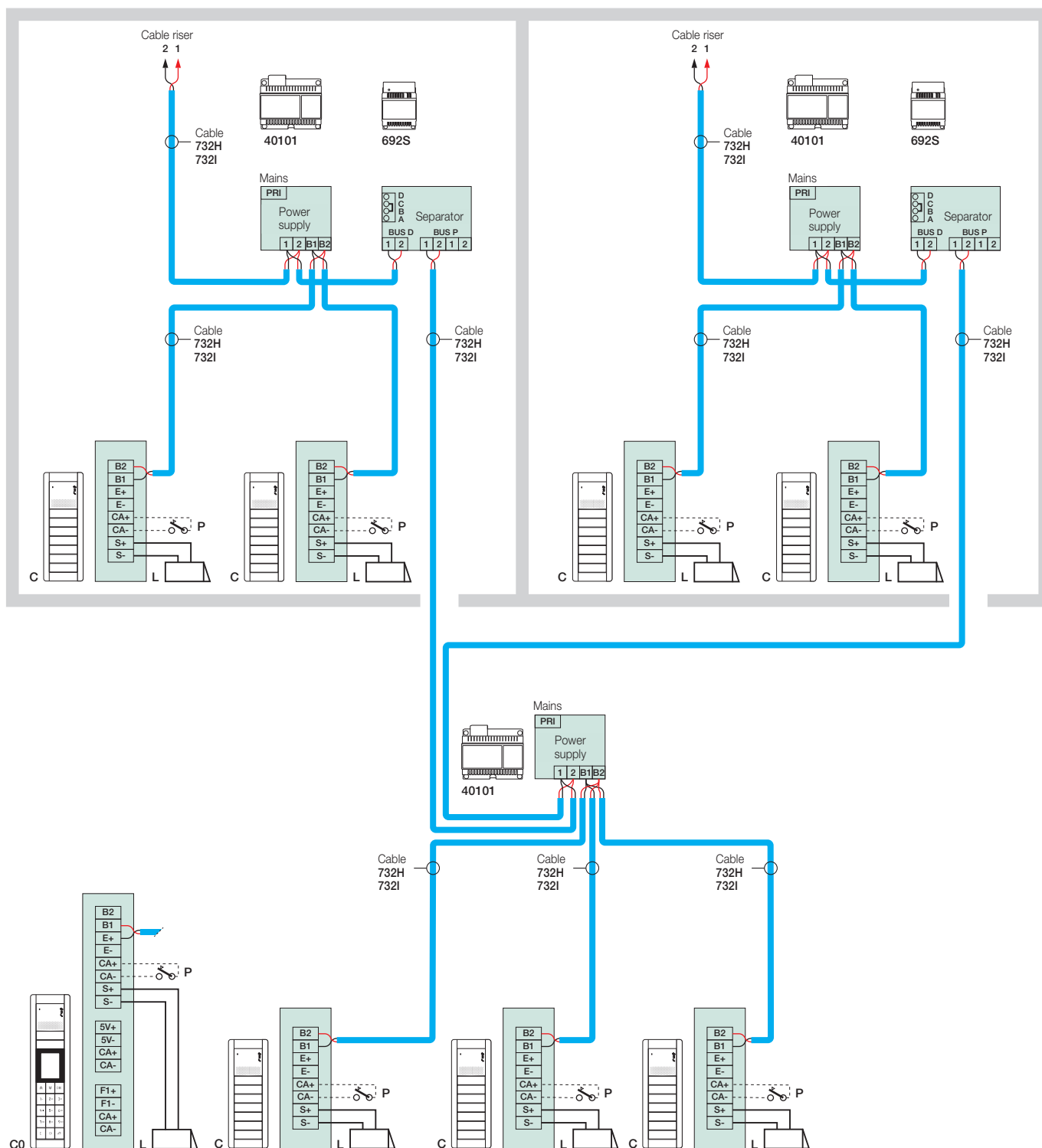
Minimum conductor section (mm ²)	
Electric lock	1,5 mm ²
Other: -, +U, +I (β)	1 mm ²

(β) the 6923 additional power supply must be installed as close as possible to the device to which is connected.

Panels and door entry units powered by power supply 40101	
Number of door entry units (outdoor audio units)	Number of door entry units (indoor units)
0 *	50 *
1	40
2	30
3	20
4	10
5	0

The panels powered by additional power supply 6923 are not included in the calculation.
* Power supply on door entry unit island without panel at the foot of the stairs.

Audio door entry system in building complex with multiple main and secondary entrance panels



C - Audio entrance panel with push button Pixel series
 C0 - Alphanumeric audio entrance panel Pixel series
 L - Electric lock 12 V
 P - Open door command

Minimum conductor section (mm²)

Electric lock	1,5 mm ²
Other: -, +U, +I (β)	1 mm ²

(β) the 6923 additional power supply must be installed as close as possible to the device to which is connected.

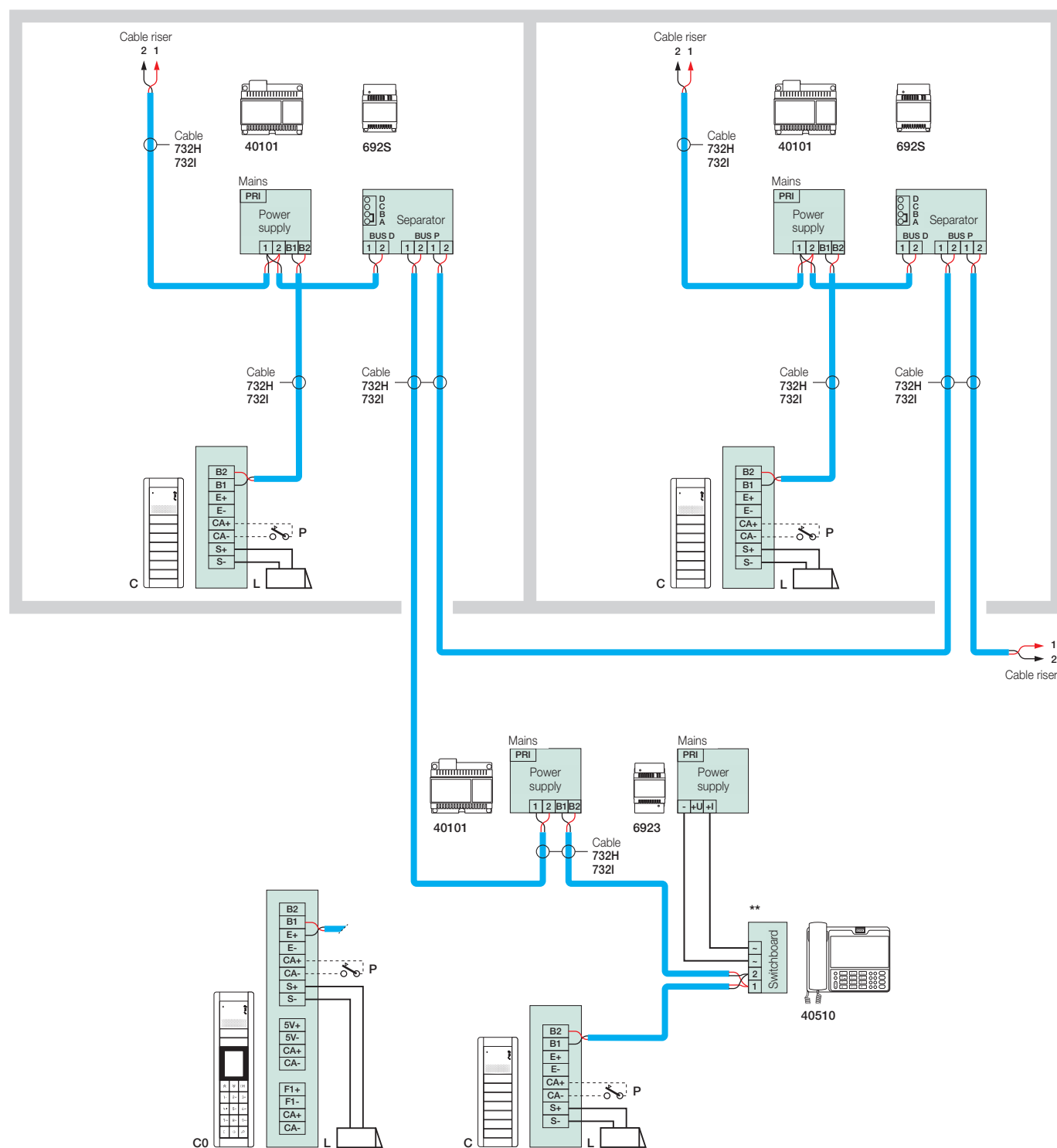
Panels and door entry units powered by power supply 40101

Number of door entry units (outdoor audio units)	Number of door entry units (indoor units)
0 *	50 *
1	40
2	30
3	20
4	10
5	0

The panels powered by additional power supply 6923 are not included in the calculation.

* Power supply on door entry unit island without panel at the foot of the stairs.

Audio door entry system in building complex with switchboard



C - Audio entrance panel with push button Pixel series
 C0 - Alphanumeric audio entrance panel Pixel series
 L - Electric lock 12 V
 P - Open door command

**** Attention:**
 In the connection stub respect attentively the connections. The inversions in cablings may damage the switchboard.

Minimum conductor section (mm²)

Electric lock	1,5 mm ²
Other: -, +U, +I (β)	1 mm ²

(β) the 6923 additional power supply must be installed as close as possible to the device to which is connected.

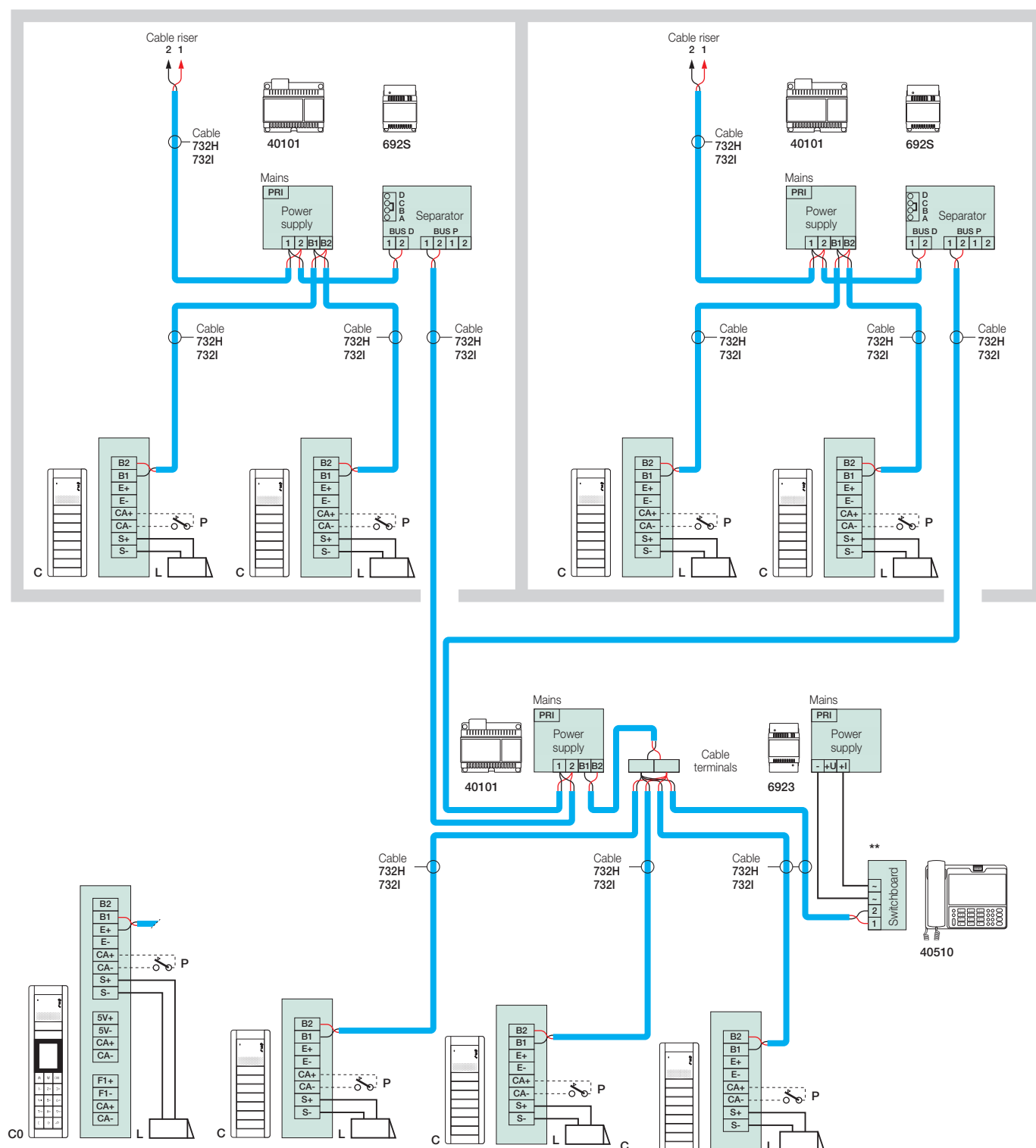
Panels and door entry units powered by power supply 40101

Number of door entry units (outdoor audio units)	Number of door entry units (indoor units)
0 *	50 *
1	40
2	30
3	20
4	10
5	0

The panels powered by additional power supply 6923 are not included in the calculation.

* Power supply on door entry unit island without panel at the foot of the stairs.

Audio door entry system in building complex with multiple main entrance panels



C - Audio entrance panel with push button Pixel series
 C0 - Alphanumeric audio entrance panel Pixel series
 L - Electric lock 12 V
 P - Open door command

**** Attention:**
 In the connection stub respect attentively the connections. The inversions in cablings may damage the switchboard.

Minimum conductor section (mm²)

Electric lock	1,5 mm ²
Other: -, +U, +I (β)	1 mm ²

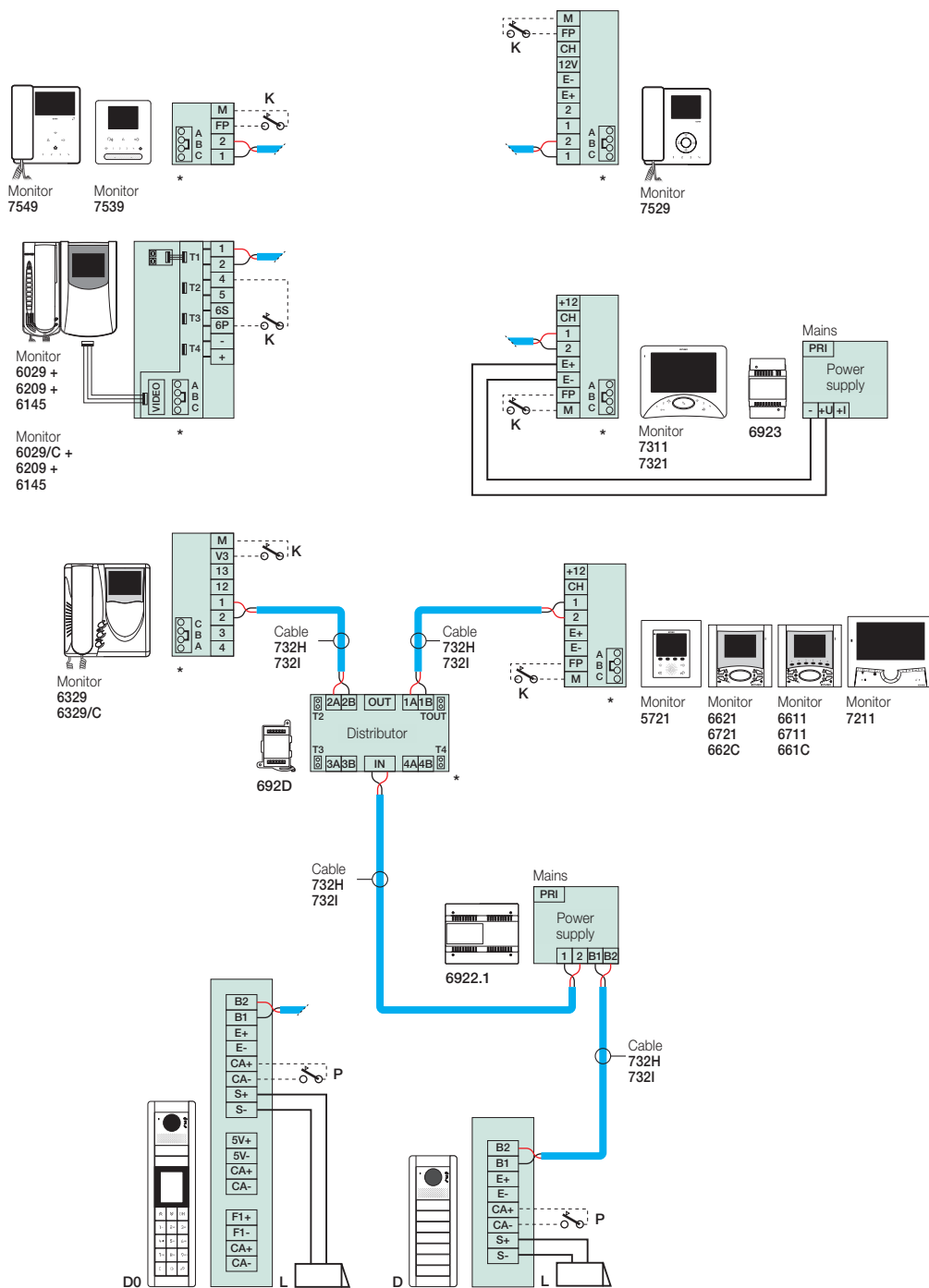
(β) the 6923 additional power supply must be installed as close as possible to the device to which is connected.

Panels and door entry units powered by power supply 40101

Number of door entry units (outdoor audio units)	Number of door entry units (indoor units)
0 *	50 *
1	40
2	30
3	20
4	10
5	0

The panels powered by additional power supply 6923 are not included in the calculation.
 * Power supply on door entry unit island without panel at the foot of the stairs.

Video system with internal units and floor distributor



D - Video entrance panel with push button Pixel series
 D0 - Alphanumeric video entrance panel Pixel series
 K - Outdoor call push-button
 L - Electric lock 12 V
 P - Open door command

Minimum conductor section (mm²)

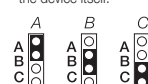
Electric lock	1,5 mm ²
Other: -, +U, +I (β)	1 mm ²

(β) the 6923 additional power supply must be installed as close as possible to the device to which is connected.

* BUS TERMINALS

This note applies to all devices with "BUS termination connector or dip-switch", which is identified by the screen-printed letters "ABC" and marked on the wiring diagrams with *.

For correct adaptation of the line, make the setting according to the following rule:
 - Maintain position "A" if the BUS enters and exits from the device;
 - Move to position "B" (if Elvox cable) or to position "C" (if CAT5 twisted pair cable) if the BUS line terminates in the device itself.



"A" = No termination
 "B" = Termination 100 Ohm
 "C" = Termination 50 Ohm

Installations with passive distributor 692D

ALWAYS use output 1 on distributor type 692D (the only one that has no termination jumper).

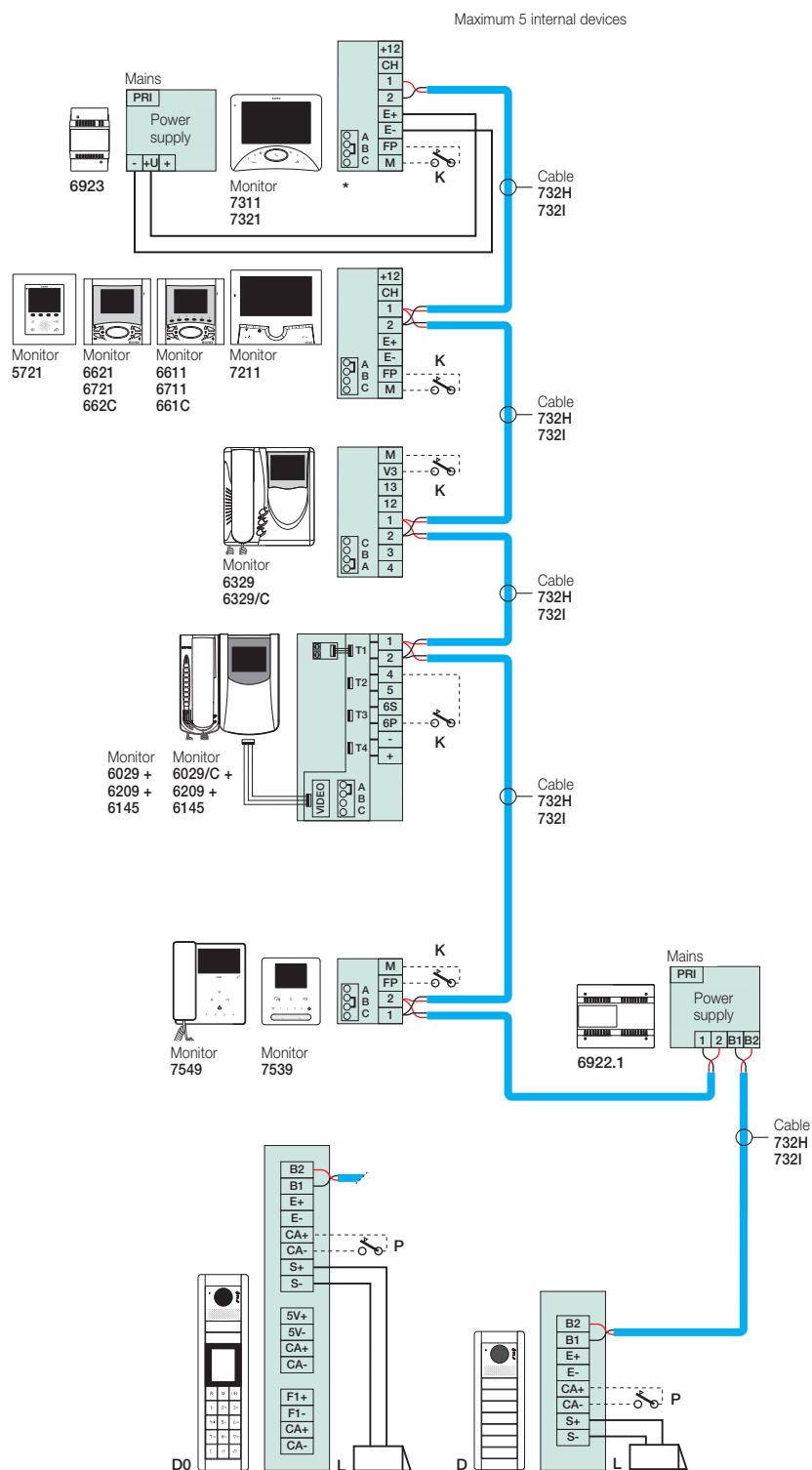
For termination of type 692D:

- If outputs "OUT", "2", "3" or "4" are not used, KEEP the jumper on the "TOUT", "T2", "T3" or "T4" connector.
- The default "TOUT" connector is in the "100" position (Elvox cable), position it to "50" only if using a CAT5 twisted pair cable.

Installations with active distributor 692D/2

The termination jumper must be positioned on "B" (for Elvox cable) or on "C" (for CAT5 twisted pair cable) IF AND ONLY IF the BUS terminates at the device itself. It must be left on "A" if effecting entry-exit using terminals 1-2 on 692D/2.

Video system with enter-exit wired internal units



- D - Video entrance panel with push button Pixel series
 D0 - Alphanumeric video entrance panel Pixel series
 K - Outdoor call push-button
 L - Electric lock 12 V
 P - Open door command

Minimum conductor section (mm²)

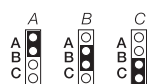
Electric lock	1,5 mm ²
Other: -, +U, +I (β)	1 mm ²

(β) the 6923 additional power supply must be installed as close as possible to the device to which is connected.

* BUS TERMINALS

This note applies to all devices with "BUS termination connector or dip-switch", which is identified by the screen-printed letters "ABC" and marked on the wiring diagrams with *.

- For correct adaptation of the line, make the setting according to the following rule:
- Maintain position "A" if the BUS enters and exits from the device;
 - Move to position "B" (if Elvox cable) or to position "C" (if CAT5 twisted pair cable) if the BUS line terminates in the device itself.



- *A" = No termination
 *B" = Termination 100 Ohm
 *C" = Termination 50 Ohm

Installations with passive distributor 692D

ALWAYS use output 1 on distributor type 692D (the only one that has no termination jumper).

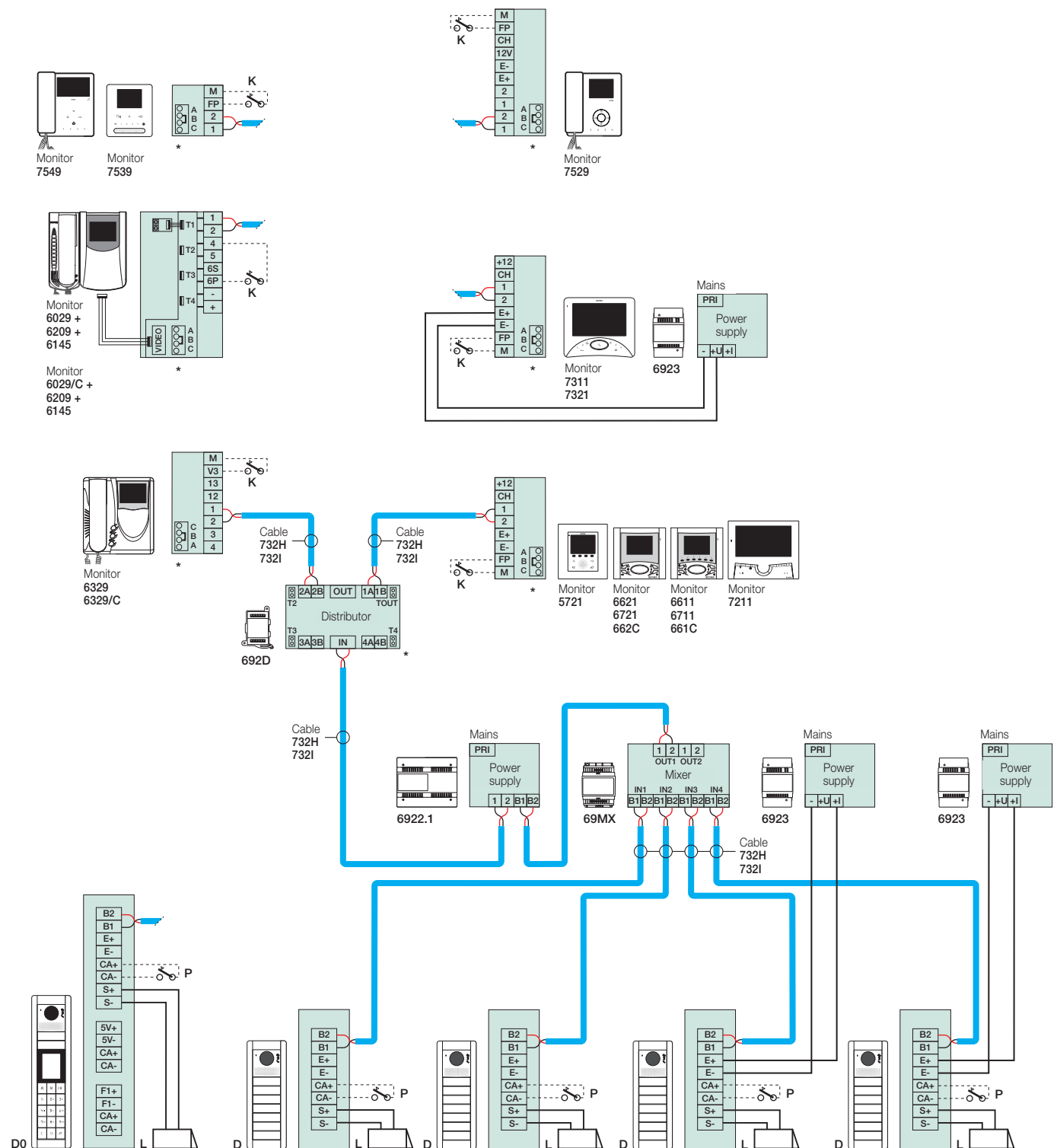
For termination of type 692D:

- If outputs "OUT", "2", "3" or "4" are not used, KEEP the jumper on the "TOUT", "T2", "T3" or "T4" connector.
- The default "TOUT" connector is in the "100" position (Elvox cable), position it to "50" only if using a CAT5 twisted pair cable.

Installations with active distributor 692D/2

The termination jumper must be positioned on "B" (for Elvox cable) or on "C" (for CAT5 twisted pair cable) IF AND ONLY IF the BUS terminates at the device itself. It must be left on "A" if effecting entry-exit using terminals 1-2 on 692D/2.

Video system with multiple video inputs



D - Video entrance panel with push button Pixel series
 D0 - Alphanumeric video entrance panel Pixel series
 K - Outdoor call push-button
 L - Electric lock 12 V
 P - Open door command

Minimum conductor section (mm²)

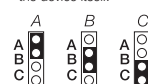
Electric lock	1,5 mm ²
Other: -, +U, +I (β)	1 mm ²

(β) the 6923 additional power supply must be installed as close as possible to the device to which is connected.

* BUS TERMINALS

This note applies to all devices with "BUS termination connector or dip-switch", which is identified by the screen-printed letters "ABC" and marked on the wiring diagrams with *.

- For correct adaptation of the line, make the setting according to the following rule:
- Maintain position "A" if the BUS enters and exits from the device;
 - Move to position "B" (if Elvox cable) or to position "C" (if CAT5 twisted pair cable) if the BUS line terminates in the device itself.



"A" = No termination
 "B" = Termination 100 Ohm
 "C" = Termination 50 Ohm

Installations with passive distributor 692D

ALWAYS use output 1 on distributor type 692D (the only one that has no termination jumper).

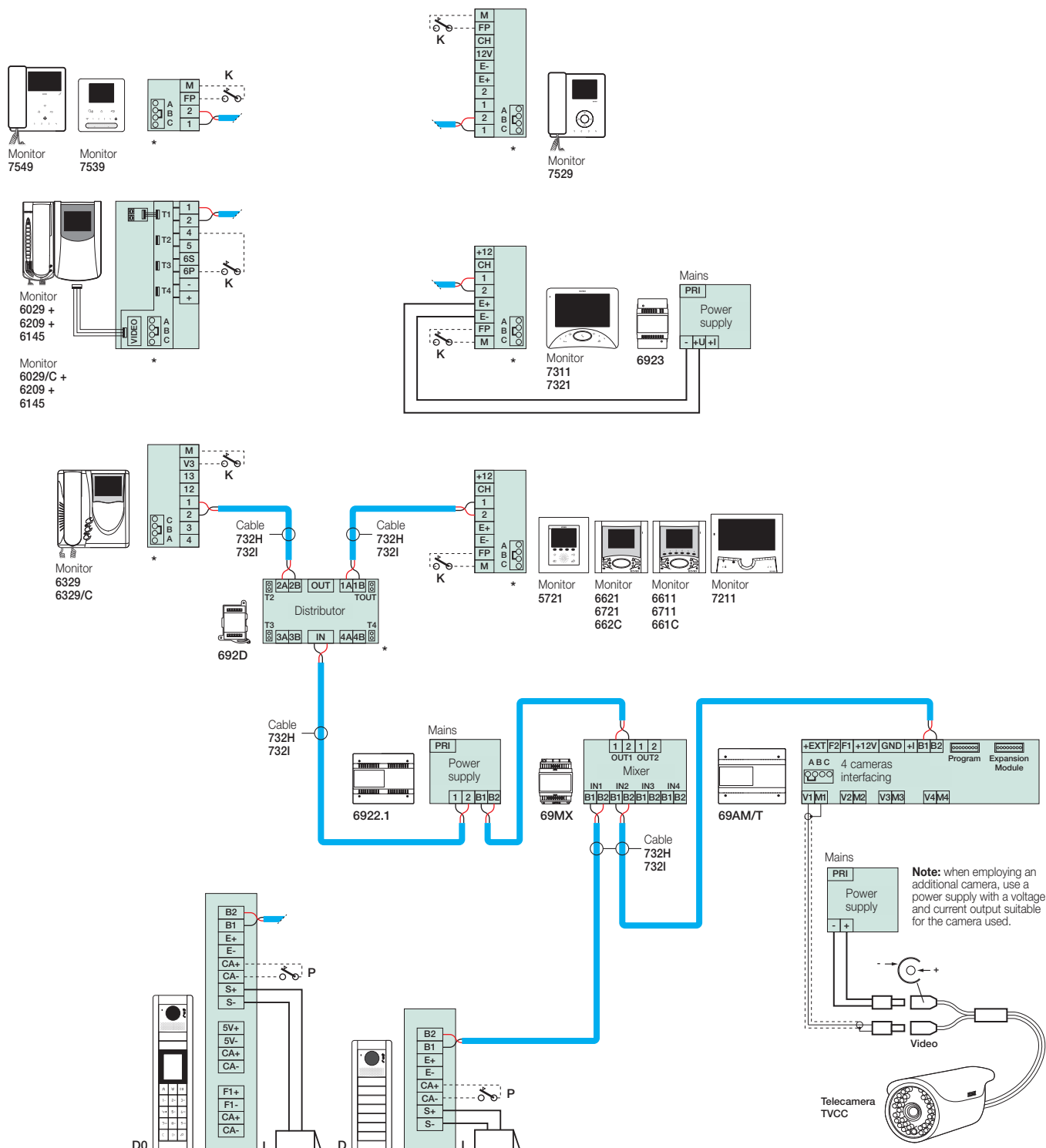
For termination of type 692D:

- If outputs "OUT", "2", "3" or "4" are not used, KEEP the jumper on the "TOUT", "T2", "T3" or "T4" connector.
- The default "TOUT" connector is in the "100" position (Elvox cable), position it to "50" only if using a CAT5 twisted pair cable.

Installations with active distributor 692D/2

The termination jumper must be positioned on "B" (for Elvox cable) or on "C" (for CAT5 twisted pair cable) IF AND ONLY IF the BUS terminates at the device itself. It must be left on "A" if effecting entry-exit using terminals 1-2 on 692D/2.

Video system with one external video unit and CCTV camera



D - Video entrance panel with push button Pixel series
 D0 - Alphanumeric video entrance panel Pixel series
 K - Outdoor call push-button
 L - Electric lock 12 V
 P - Open door command

Minimum conductor section (mm²)

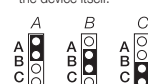
Electric lock	1,5 mm ²
Other: -, +U, +I (β)	1 mm ²

(β) the 6923 additional power supply must be installed as close as possible to the device to which is connected.

* BUS TERMINALS

This note applies to all devices with "BUS termination connector or dip-switch", which is identified by the screen-printed letters "ABC" and marked on the wiring diagrams with *.

- For correct adaptation of the line, make the setting according to the following rule:
- Maintain position "A" if the BUS enters and exits from the device;
 - Move to position "B" (if Elvox cable) or to position "C" (if CAT5 twisted pair cable) if the BUS line terminates in the device itself.



"A" = No termination
 "B" = Termination 100 Ohm
 "C" = Termination 50 Ohm

Installations with passive distributor 692D

ALWAYS use output 1 on distributor type 692D (the only one that has no termination jumper).

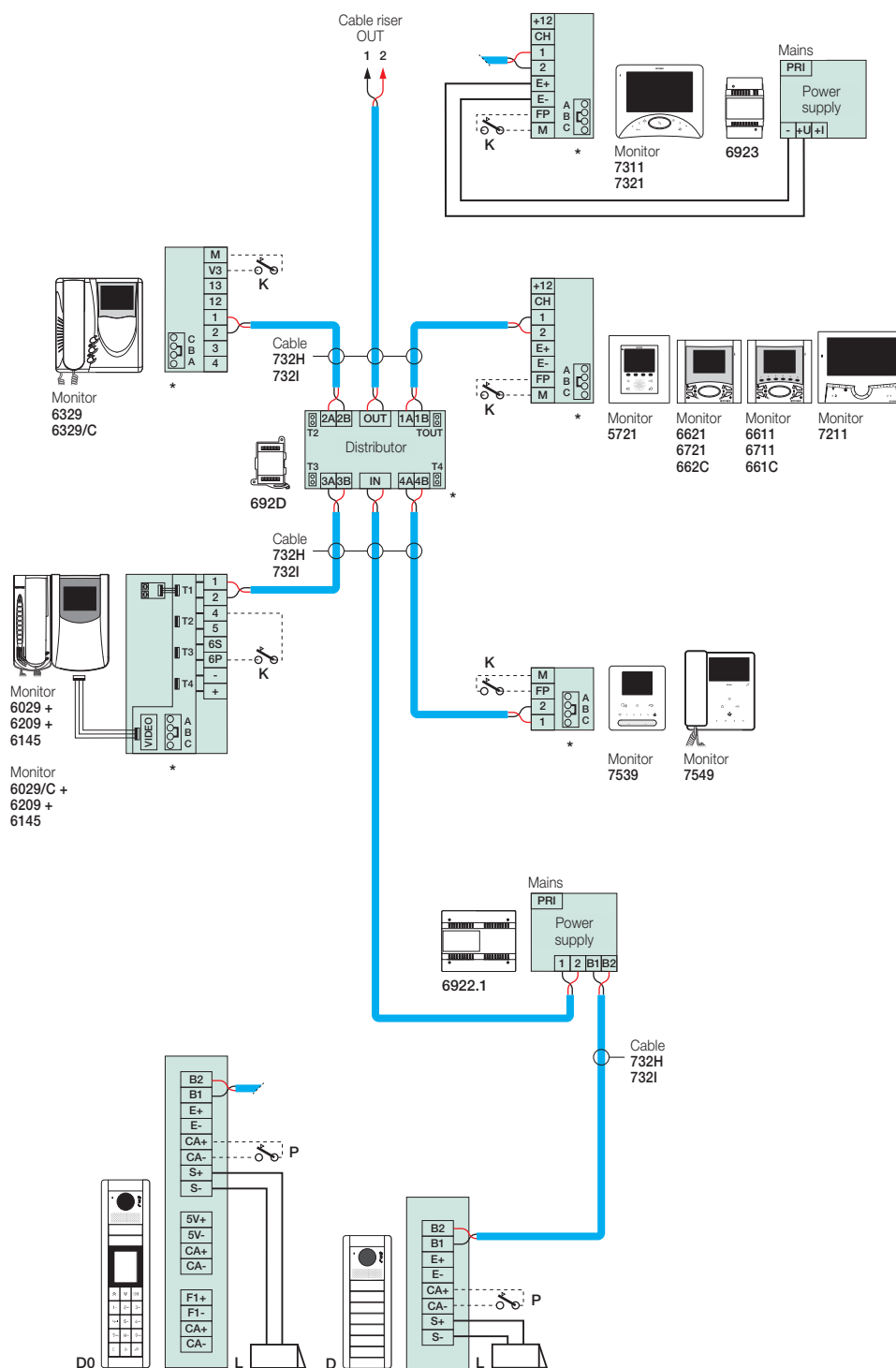
For termination of type 692D:

- If outputs "OUT", "2", "3" or "4" are not used, KEEP the jumper on the "TOUT", "T2", "T3" or "T4" connector.
- The default "TOUT" connector is in the "100" position (Elvox cable), position it to "50" only if using a CAT5 twisted pair cable.

Installations with active distributor 692D/2

The termination jumper must be positioned on "B" (for Elvox cable) or on "C" (for CAT5 twisted pair cable) IF AND ONLY IF the BUS terminates at the device itself. It must be left on "A" if effecting entry-exit using terminals 1-2 on 692D/2.

Video system in apartment block with floor distributor



D - Video entrance panel with push button Pixel series
 D0 - Alphanumeric video entrance panel Pixel series
 K - Outdoor call push-button
 L - Electric lock 12 V
 P - Open door command

Minimum conductor section (mm²)

Electric lock	1,5 mm²
Other: -, +U, +I (β)	1 mm²

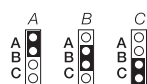
(β) the 6923 additional power supply must be installed as close as possible to the device to which is connected.

* BUS TERMINALS

This note applies to all devices with "BUS termination connector or dip-switch", which is identified by the screen-printed letters "ABC" and marked on the wiring diagrams with *.

For correct adaptation of the line, make the setting according to the following rule:

- Maintain position "A" if the BUS enters and exits from the device;
- Move to position "B" (if Elvox cable) or to position "C" (if CAT5 twisted pair cable) if the BUS line terminates in the device itself.



"A" = No termination
 "B" = Termination 100 Ohm
 "C" = Termination 50 Ohm

Installations with passive distributor 692D

ALWAYS use output 1 on distributor type 692D (the only one that has no termination jumper).

For termination of type 692D:

- If outputs "OUT", "2", "3" or "4" are not used, KEEP the jumper on the "TOUT", "T2", "T3" or "T4" connector.
- The default "TOUT" connector is in the "100" position (Elvox cable), position it to "50" only if using a CAT5 twisted pair cable.

Installations with active distributor 692D/2

The termination jumper must be positioned on "B" (for Elvox cable) or on "C" (for CAT5 twisted pair cable) IF AND ONLY IF the BUS terminates at the device itself. It must be left on "A" if effecting entry-exit using terminals 1-2 on 692D/2.

ELVAX

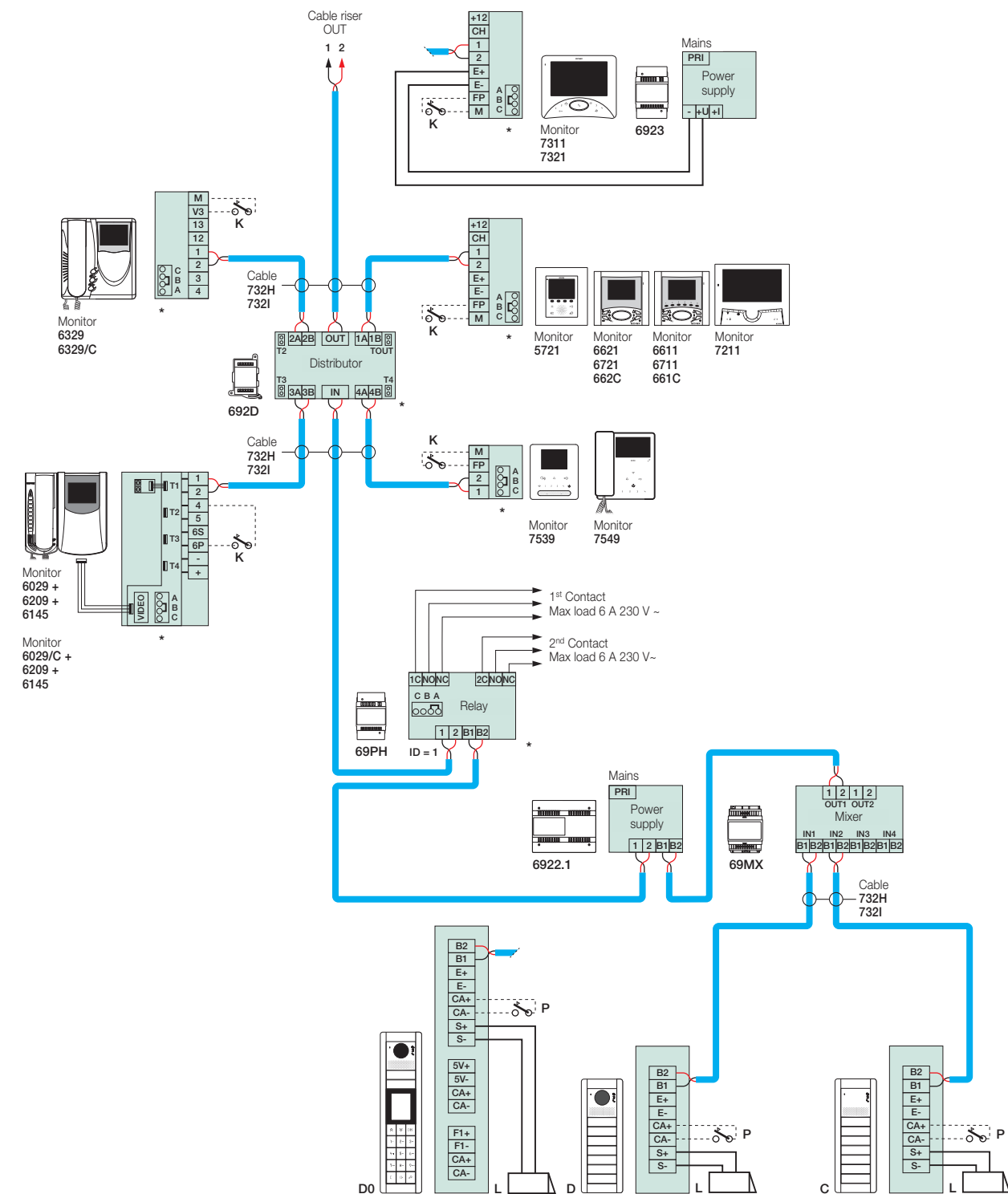
VIDEO DOOR ENTRY SYSTEMS



DUE FILI PLUS VIDEO DOOR ENTRY SYSTEMS



Apartment block video door entry system with floor distributor, digital relay, 1 video panel and 1 audio panel



- C - Audio entrance panel with push button Pixel series
- D - Video entrance panel with push button Pixel series
- D0 - Alphanumeric video entrance panel Pixel series
- K - Outdoor call push-button
- L - Electric lock 12 V
- P - Open door command

Minimum conductor section (mm²)

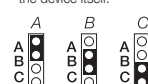
Electric lock	1,5 mm²
Other: -, +U, +I (β)	1 mm²

(β) the 6923 additional power supply must be installed as close as possible to the device to which is connected.

* BUS TERMINALS

This note applies to all devices with "BUS termination connector or dip-switch", which is identified by the screen-printed letters "ABC" and marked on the wiring diagrams with *.

- For correct adaptation of the line, make the setting according to the following rule:
- Maintain position "A" if the BUS enters and exits from the device;
- Move to position "B" (if Elvox cable) or to position "C" (if CAT5 twisted pair cable) if the BUS line terminates in the device itself.



- *A = No termination
- *B = Termination 100 Ohm
- *C = Termination 50 Ohm

Installations with passive distributor 692D

ALWAYS use output 1 on distributor type 692D (the only one that has no termination jumper).

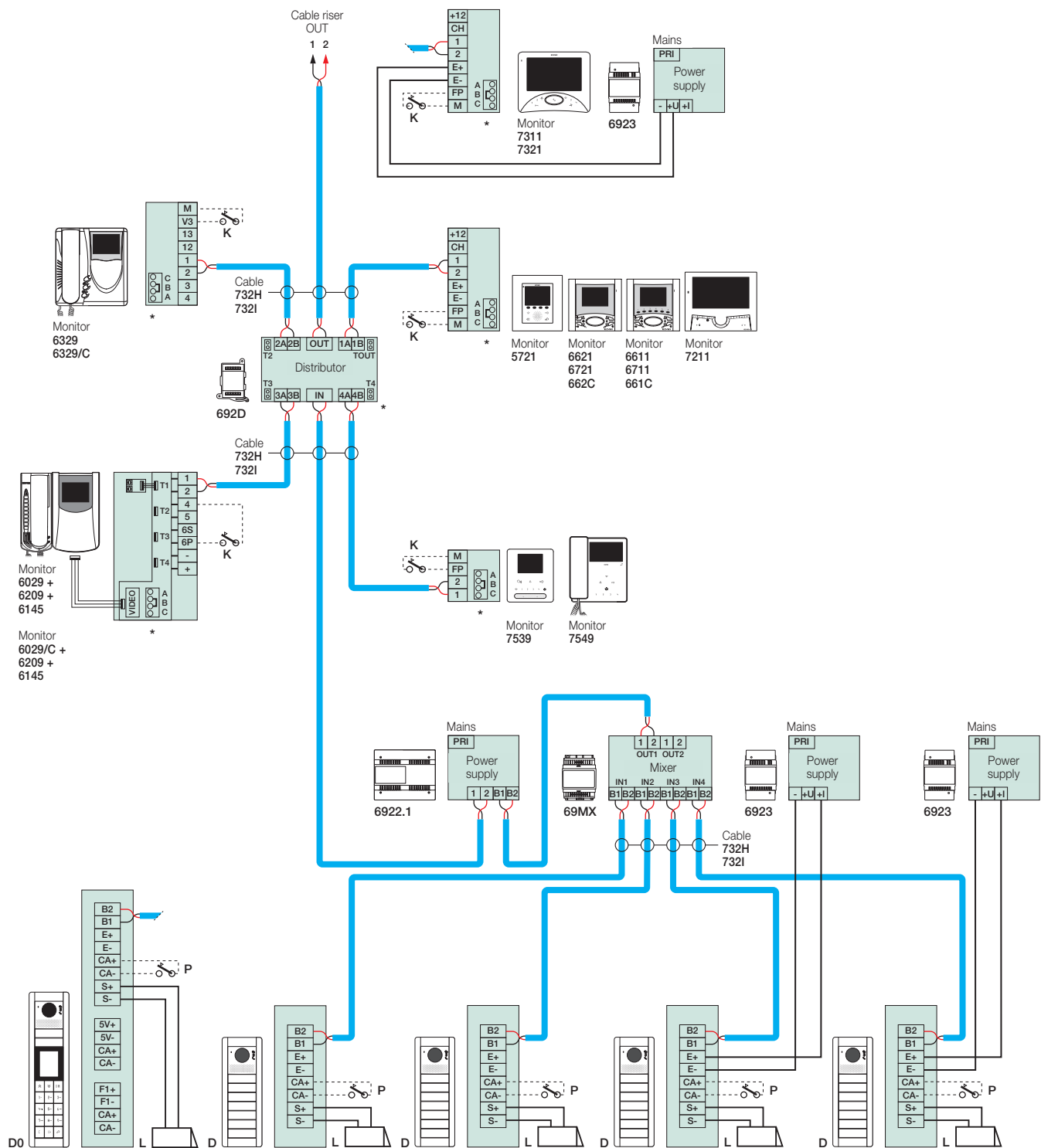
For termination of type 692D:

- If outputs "OUT", "2", "3" or "4" are not used, KEEP the jumper on the "TOUT", "T2", "T3" or "T4" connector.
- The default "TOUT" connector is in the "100" position (Elvox cable), position it to "50" only if using a CAT5 twisted pair cable.

Installations with active distributor 692D/2

The termination jumper must be positioned on "B" (for Elvox cable) or on "C" (for CAT5 twisted pair cable) IF AND ONLY IF the BUS terminates at the device itself. It must be left on "A" if effecting entry-exit using terminals 1-2 on 692D/2.

Video system in apartment block with floor distributor and multiple entrance panels



D - Video entrance panel with push button Pixel series
 D0 - Alphanumeric video entrance panel Pixel series
 K - Outdoor call push-button
 L - Electric lock 12 V
 P - Open door command

Minimum conductor section (mm²)

Electric lock	1,5 mm ²
Other: -, +U, +I (β)	1 mm ²

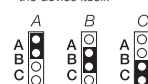
(β) the 6923 additional power supply must be installed as close as possible to the device to which is connected.

* BUS TERMINALS

This note applies to all devices with "BUS termination connector or dip-switch", which is identified by the screen-printed letters "ABC" and marked on the wiring diagrams with *.

For correct adaptation of the line, make the setting according to the following rule:

- Maintain position "A" if the BUS enters and exits from the device;
- Move to position "B" (if Elvox cable) or to position "C" (if CAT5 twisted pair cable) if the BUS line terminates in the device itself.



"A" = No termination
 "B" = Termination 100 Ohm
 "C" = Termination 50 Ohm

Installations with passive distributor 692D

ALWAYS use output 1 on distributor type 692D (the only one that has no termination jumper).

For termination of type 692D:

- If outputs "OUT", "2", "3" or "4" are not used, KEEP the jumper on the "TOUT", "T2", "T3" or "T4" connector.
- The default "TOUT" connector is in the "100" position (Elvox cable), position it to "50" only if using a CAT5 twisted pair cable.

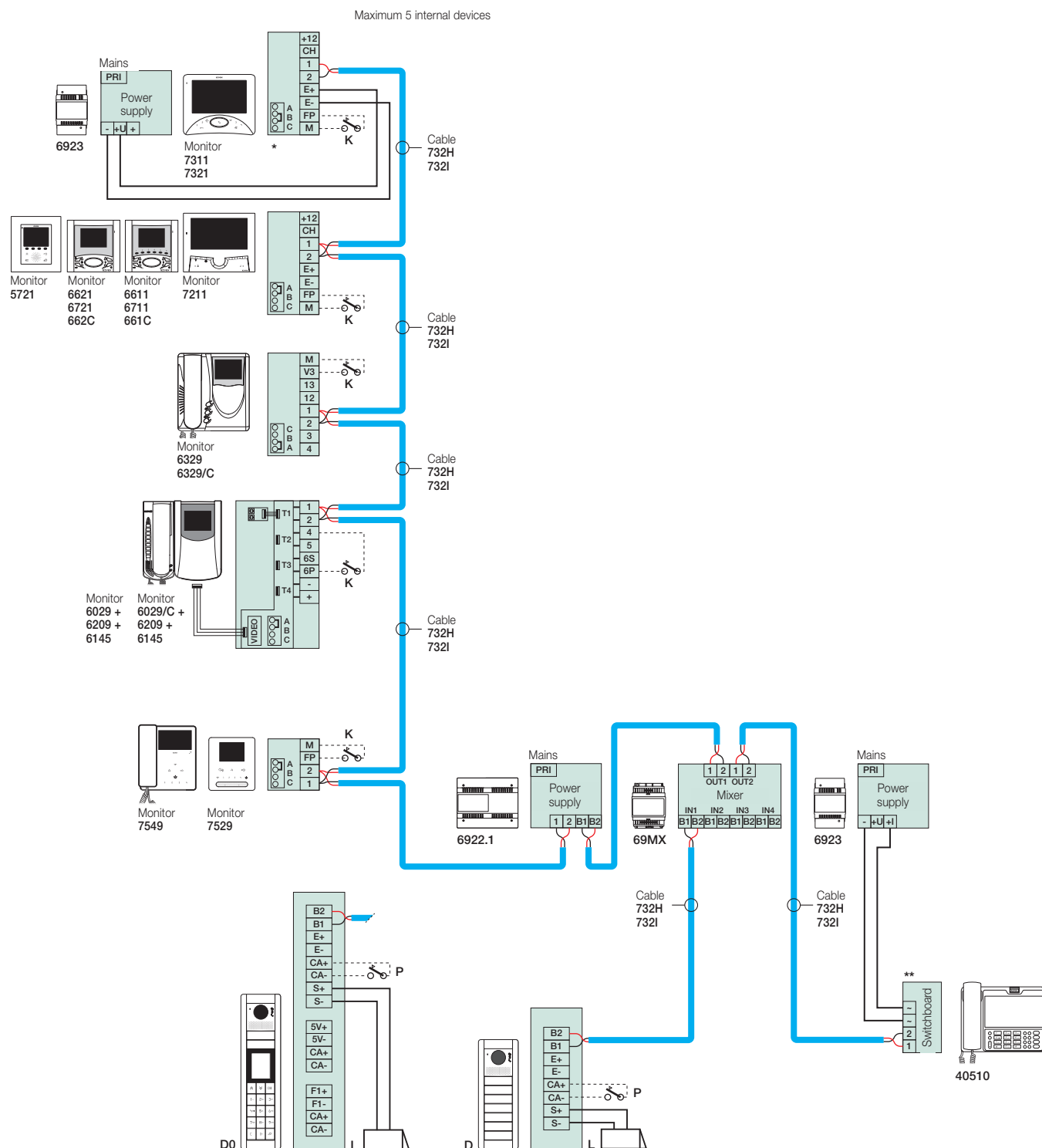
Installations with active distributor 692D/2

The termination jumper must be positioned on "B" (for Elvox cable) or on "C" (for CAT5 twisted pair cable) IF AND ONLY IF the BUS terminates at the device itself. It must be left on "A" if effecting entry-exit using terminals 1-2 on 692D/2.

DUE FILI PLUS VIDEO DOOR ENTRY SYSTEMS



Video system in apartment block with external entrance panel and porter switchboard



D - Video entrance panel with push button Pixel series
 D0 - Alphanumeric video entrance panel Pixel series
 K - Outdoor call push-button
 L - Electric lock 12 V
 P - Open door command

Minimum conductor section (mm²)

Electric lock	1,5 mm²
Other: -, +U, +I (β)	1 mm²

(β) the 6923 additional power supply must be installed as close as possible to the device to which is connected.

**

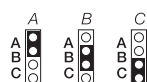
Attention:
 In the connection stub respect attentively the connections. The inversions in cablings may damage the switchboard.

* BUS TERMINALS

This note applies to all devices with "BUS termination connector or dip-switch", which is identified by the screen-printed letters "ABC" and marked on the wiring diagrams with *.

For correct adaptation of the line, make the setting according to the following rule:

- Maintain position "A" if the BUS enters and exits from the device;
- Move to position "B" (if Elvox cable) or to position "C" (if CAT5 twisted pair cable) if the BUS line terminates in the device itself.



"A" = No termination
 "B" = Termination 100 Ohm
 "C" = Termination 50 Ohm

Installations with passive distributor 692D

ALWAYS use output 1 on distributor type 692D (the only one that has no termination jumper).

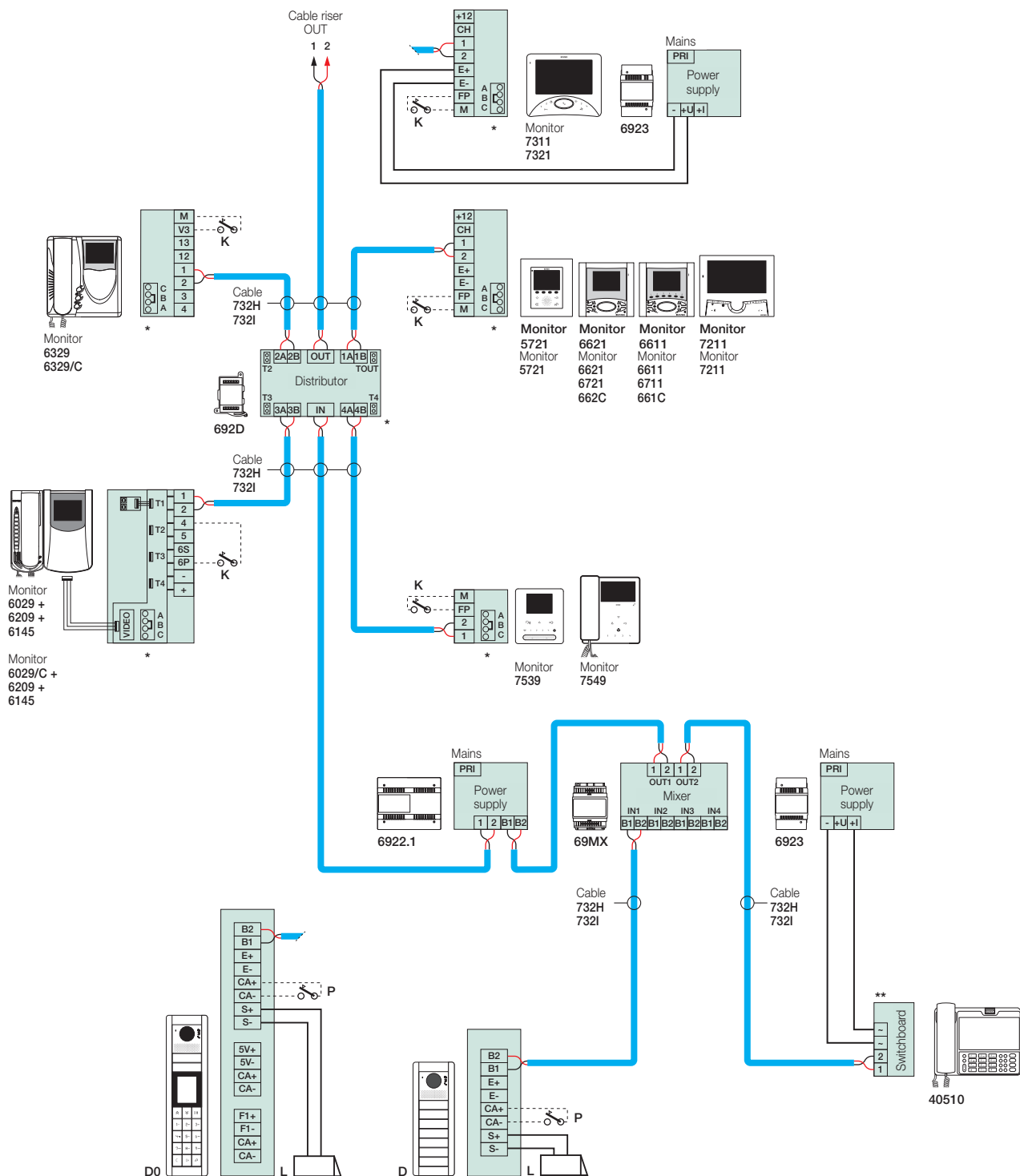
For termination of type 692D:

- If outputs "OUT", "2", "3" or "4" are not used, KEEP the jumper on the "TOUT", "T2", "T3" or "T4" connector.
- The default "TOUT" connector is in the "100" position (Elvox cable), position it to "50" only if using a CAT5 twisted pair cable.

Installations with active distributor 692D/2

The termination jumper must be positioned on "B" (for Elvox cable) or on "C" (for CAT5 twisted pair cable) IF AND ONLY IF the BUS terminates at the device itself. It must be left on "A" if effecting entry-exit using terminals 1-2 on 692D/2.

Video system in apartment block with porter switchboard and floor distributor



D - Video entrance panel with push button Pixel series
 D0 - Alphanumeric video entrance panel Pixel series
 K - Outdoor call push-button
 L - Electric lock 12 V
 P - Open door command

Minimum conductor section (mm²)

Electric lock	1,5 mm ²
Other: -, +U, +I (β)	1 mm ²

(β) the 6923 additional power supply must be installed as close as possible to the device to which is connected.

**

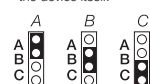
Attention:
 In the connection stub respect attentively the connections. The inversions in cabling may damage the switchboard.

* BUS TERMINALS

This note applies to all devices with "BUS termination connector or dip-switch", which is identified by the screen-printed letters "ABC" and marked on the wiring diagrams with *.

For correct adaptation of the line, make the setting according to the following rule:

- Maintain position "A" if the BUS enters and exits from the device;
- Move to position "B" (if Elvox cable) or to position "C" (if CAT5 twisted pair cable) if the BUS line terminates in the device itself.



"A" = No termination
 "B" = Termination 100 Ohm
 "C" = Termination 50 Ohm

Installations with passive distributor 692D

ALWAYS use output 1 on distributor type 692D (the only one that has no termination jumper).

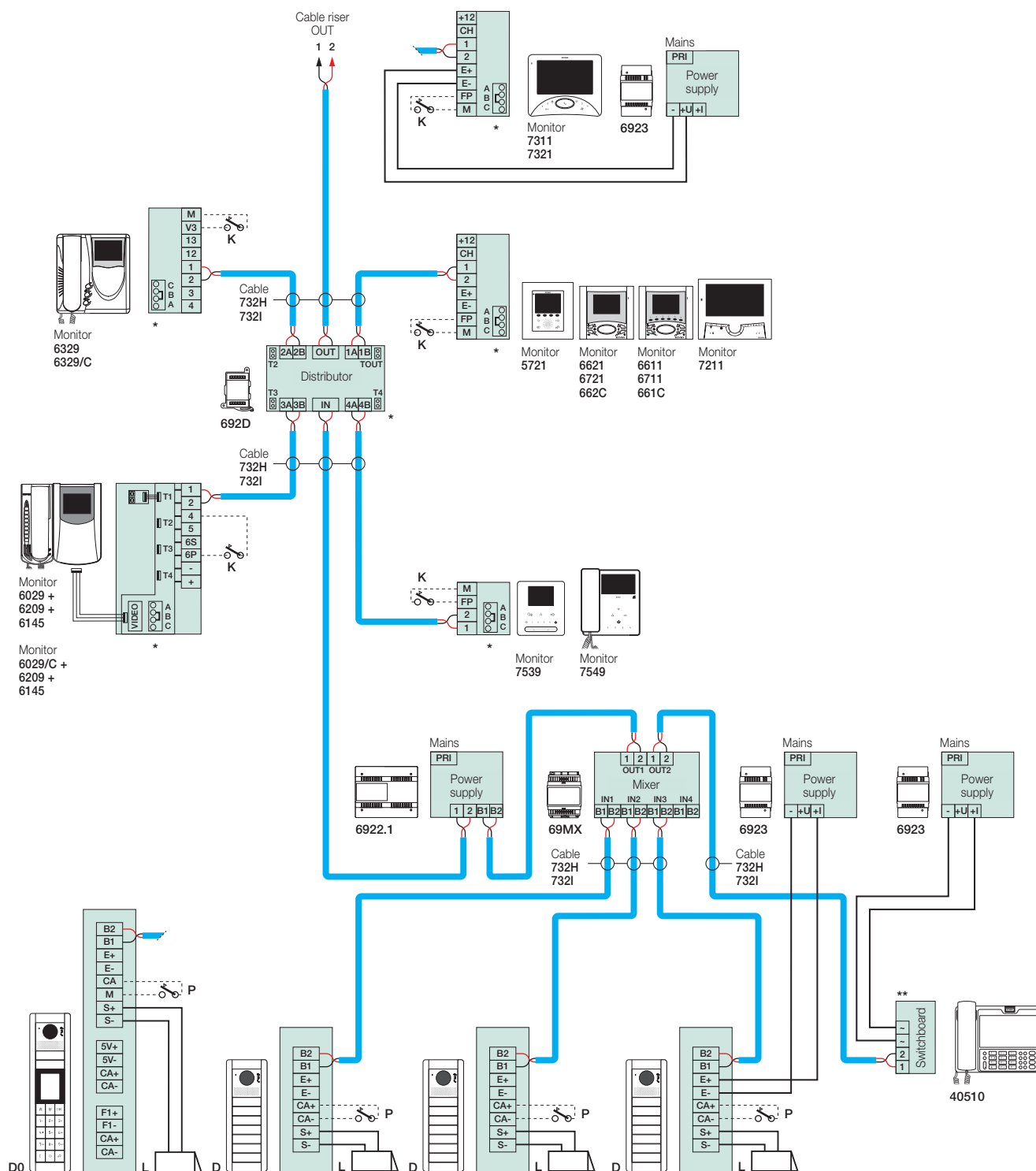
For termination of type 692D:

- If outputs "OUT", "2", "3" or "4" are not used, KEEP the jumper on the "TOUT", "T2", "T3" or "T4" connector.
- The default "TOUT" connector is in the "100" position (Elvox cable), position it to "50" only if using a CAT5 twisted pair cable.

Installations with active distributor 692D/2

The termination jumper must be positioned on "B" (for Elvox cable) or on "C" (for CAT5 twisted pair cable) IF AND ONLY IF the BUS terminates at the device itself. It must be left on "A" if effecting entry-exit using terminals 1-2 on 692D/2.

Video system in apartment block with multiple external entrance panels, porter switchboard and floor distributor



D - Video entrance panel with push button Pixel series
 D0 - Alphanumeric video entrance panel Pixel series
 K - Outdoor call push-button
 L - Electric lock 12 V
 P - Open door command

Minimum conductor section (mm²)

Electric lock	1,5 mm ²
Other: -, +U, +I (β)	1 mm ²

(β) the 6923 additional power supply must be installed as close as possible to the device to which is connected.

**

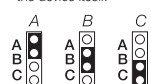
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"A" = No termination
 "B" = Termination 100 Ohm
 "C" = Termination 50 Ohm

Installations with passive distributor 692D

ALWAYS use output 1 on distributor type 692D (the only one that has no termination jumper).

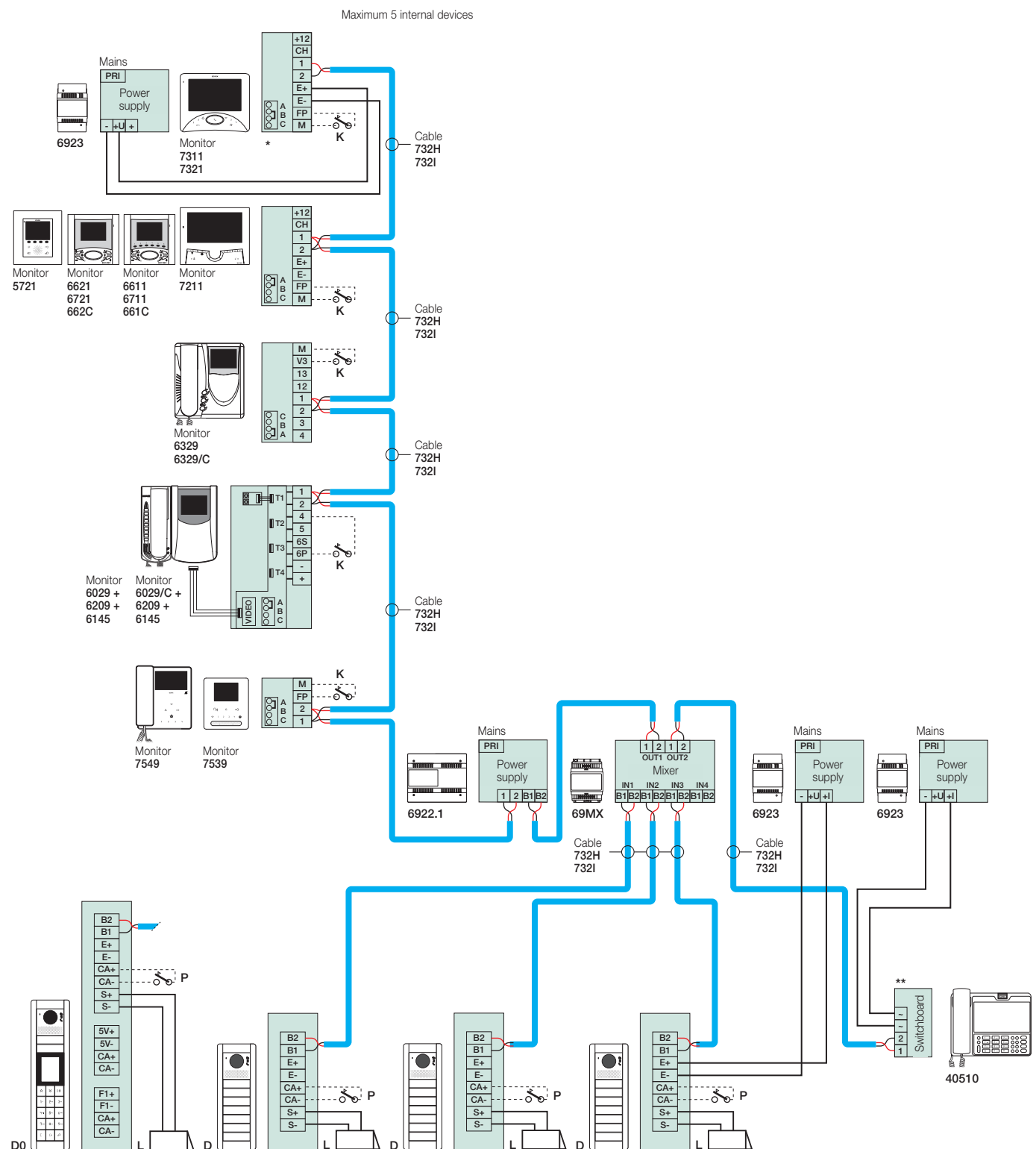
For termination of type 692D:

- If outputs "OUT", "2", "3" or "4" are not used, KEEP the jumper on the "TOUT", "T2", "T3" or "T4" connector.
- The default "TOUT" connector is in the "100" position (Elvox cable), position it to "50" only if using a CAT5 twisted pair cable.

Installations with active distributor 692D/2

The termination jumper must be positioned on "B" (for Elvox cable) or on "C" (for CAT5 twisted pair cable) IF AND ONLY IF the BUS terminates at the device itself. It must be left on "A" if effecting entry-exit using terminals 1-2 on 692D/2.

Video system in apartment block with multiple external entrance panels and porter switchboard



D - Video entrance panel with push button Pixel series
D0 - Alphanumeric video entrance panel Pixel series
K - Outdoor call push-button
L - Electric lock 12 V
P - Open door command

Minimum conductor section (mm²)

Electric lock	1,5 mm ²
Other: -, +U, +I (β)	1 mm ²

(β) the 6923 additional power supply must be installed as close as possible to the device to which is connected.

**

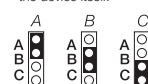
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"A" = No termination
"B" = Termination 100 Ohm
"C" = Termination 50 Ohm

Installations with passive distributor 692D

ALWAYS use output 1 on distributor type 692D (the only one that has no termination jumper).

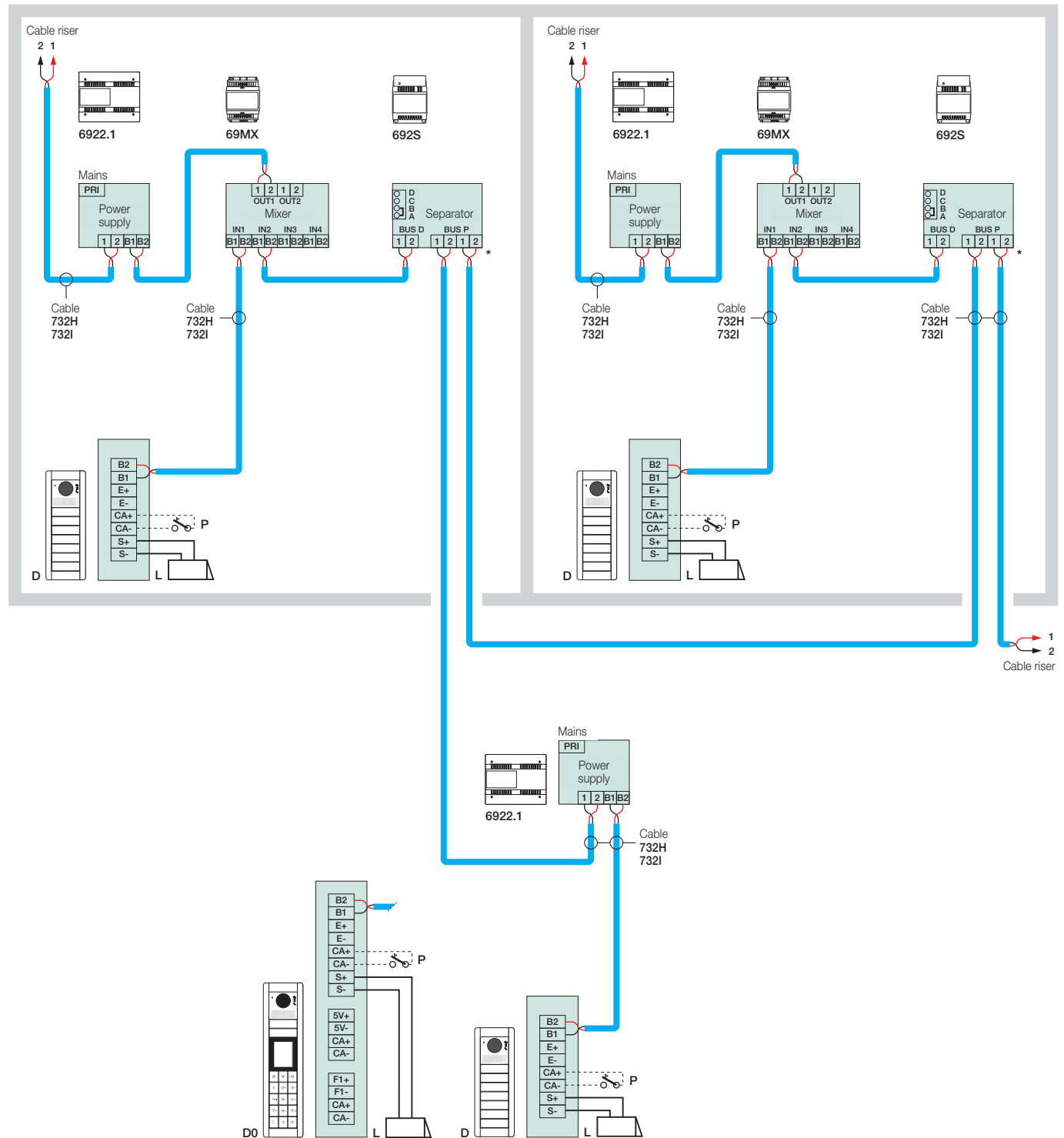
For termination of type 692D:

- If outputs "OUT", "2", "3" or "4" are not used, KEEP the jumper on the "TOUT", "T2", "T3" or "T4" connector.
- The default "TOUT" connector is in the "100" position (Elvox cable), position it to "50" only if using a CAT5 twisted pair cable.

Installations with active distributor 692D/2

The termination jumper must be positioned on "B" (for Elvox cable) or on "C" (for CAT5 twisted pair cable) IF AND ONLY IF the BUS terminates at the device itself. It must be left on "A" if effecting entry-exit using terminals 1-2 on 692D/2.

Video system in building complex



D - Video entrance panel with push button Pixel series
 D0 - Alphanumeric video entrance panel Pixel series
 L - Electric lock 12 V
 P - Open door command

Minimum conductor section (mm²)

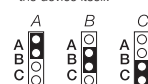
Electric lock	1,5 mm ²
Other: -, +U, +I (β)	1 mm ²

(β) the 6923 additional power supply must be installed as close as possible to the device to which is connected.

* BUS TERMINALS

This note applies to all devices with "BUS termination connector or dip-switch", which is identified by the screen-printed letters "ABC" and marked on the wiring diagrams with *.

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"A" = No termination
 "B" = Termination 100 Ohm
 "C" = Termination 50 Ohm

Installations with passive distributor 692D

ALWAYS use output 1 on distributor type 692D (the only one that has no termination jumper).

For termination of type 692D:

- If outputs "OUT", "2", "3" or "4" are not used, KEEP the jumper on the "TOUT", "T2", "T3" or "T4" connector.
- The default "TOUT" connector is in the "100" position (Elvox cable), position it to "50" only if using a CAT5 twisted pair cable.

Installations with active distributor 692D/2

The termination jumper must be positioned on "B" (for Elvox cable) or on "C" (for CAT5 twisted pair cable) IF AND ONLY IF the BUS terminates at the device itself. It must be left on "A" if effecting entry-exit using terminals 1-2 on 692D/2.

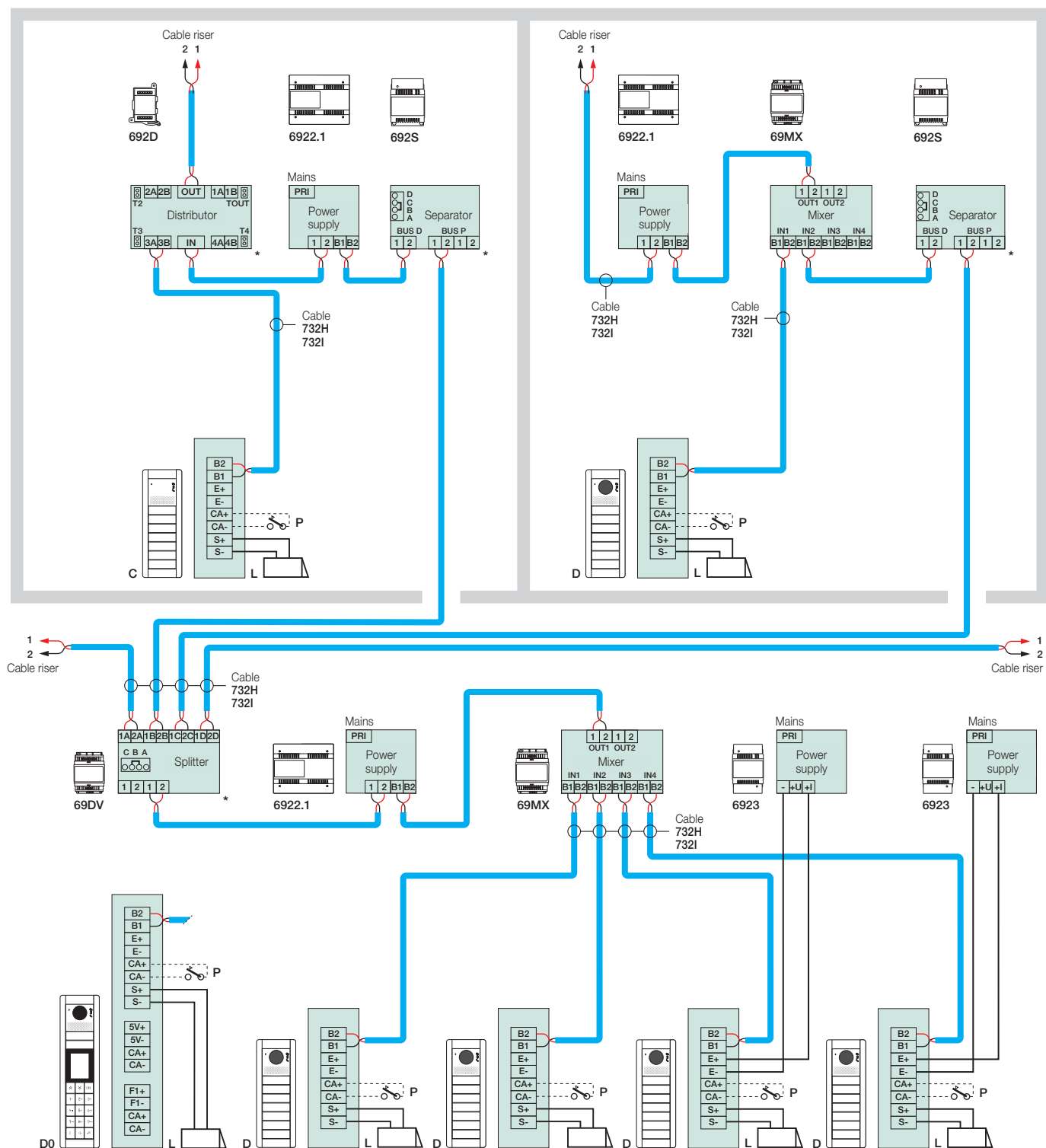
ELVAX[illegible]

Installations with active distributor 692D/2
The termination jumper must be positioned on "B" (for Elvox cable) or on "C" (for CAT5 twisted pair cable) IF AND ONLY IF the BUS terminates at the device itself. It must be left on "A" if effecting entry-exit using terminals 1-2 on 692D/2.

DUE FILI PLUS VIDEO DOOR ENTRY SYSTEMS



Video system in building complex with multiple main entrance panels and riser splitter



C - Audio entrance panel with push button Pixel series
D - Video entrance panel with push button Pixel series
D0 - Alphanumeric video entrance panel Pixel series
L - Electric lock 12 V
P - Open door command

Minimum conductor section (mm²)

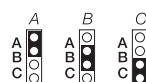
Electric lock	1,5 mm ²
Other: -, +U, +I (β)	1 mm ²

(β) the 6923 additional power supply must be installed as close as possible to the device to which is connected.

* BUS TERMINALS

This note applies to all devices with "BUS termination connector or dip-switch", which is identified by the screen-printed letters "ABC" and marked on the wiring diagrams with *.

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"A" = No termination
"B" = Termination 100 Ohm
"C" = Termination 50 Ohm

Installations with passive distributor 692D

ALWAYS use output 1 on distributor type 692D (the only one that has no termination jumper).

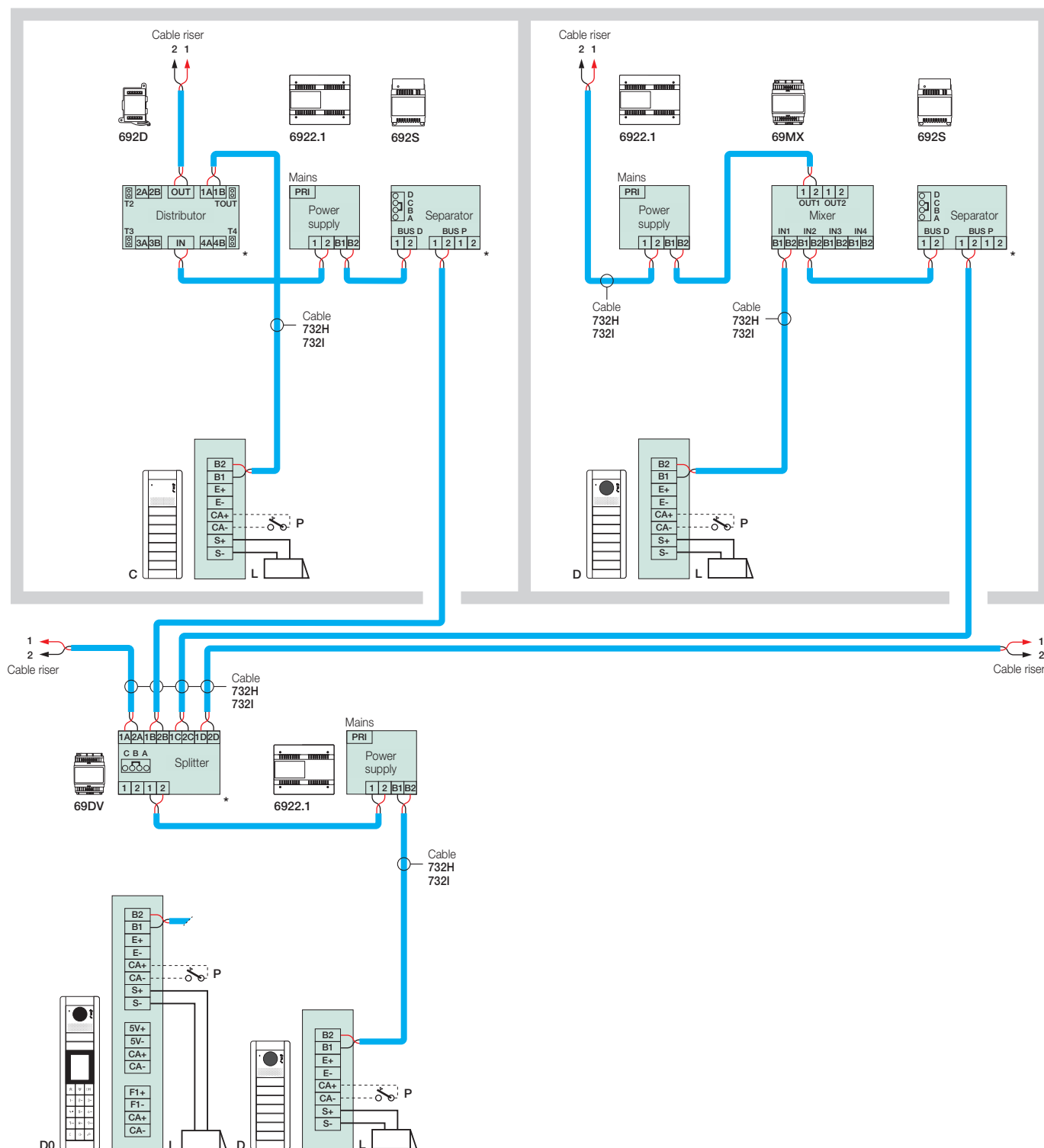
For termination of type 692D:

- If outputs "OUT", "2", "3" or "4" are not used, KEEP the jumper on the "TOUT", "T2", "T3" or "T4" connector.
- The default "TOUT" connector is in the "100" position (Elvox cable), position it to "50" only if using a CAT5 twisted pair cable.

Installations with active distributor 692D/2

The termination jumper must be positioned on "B" (for Elvox cable) or on "C" (for CAT5 twisted pair cable) IF AND ONLY IF the BUS terminates at the device itself. It must be left on "A" if effecting entry-exit using terminals 1-2 on 692D/2.

Video system in building complex with one main entrance panel and riser splitter



C - Audio entrance panel with push button Pixel series
 D - Video entrance panel with push button Pixel series
 D0 - Alphanumeric video entrance panel Pixel series
 L - Electric lock 12 V
 P - Open door command

Minimum conductor section (mm²)

Electric lock	1,5 mm²
Other: -, +U, +I (β)	1 mm²

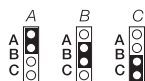
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"A" = No termination
 "B" = Termination 100 Ohm
 "C" = Termination 50 Ohm

Installations with passive distributor 692D

ALWAYS use output 1 on distributor type 692D (the only one that has no termination jumper).

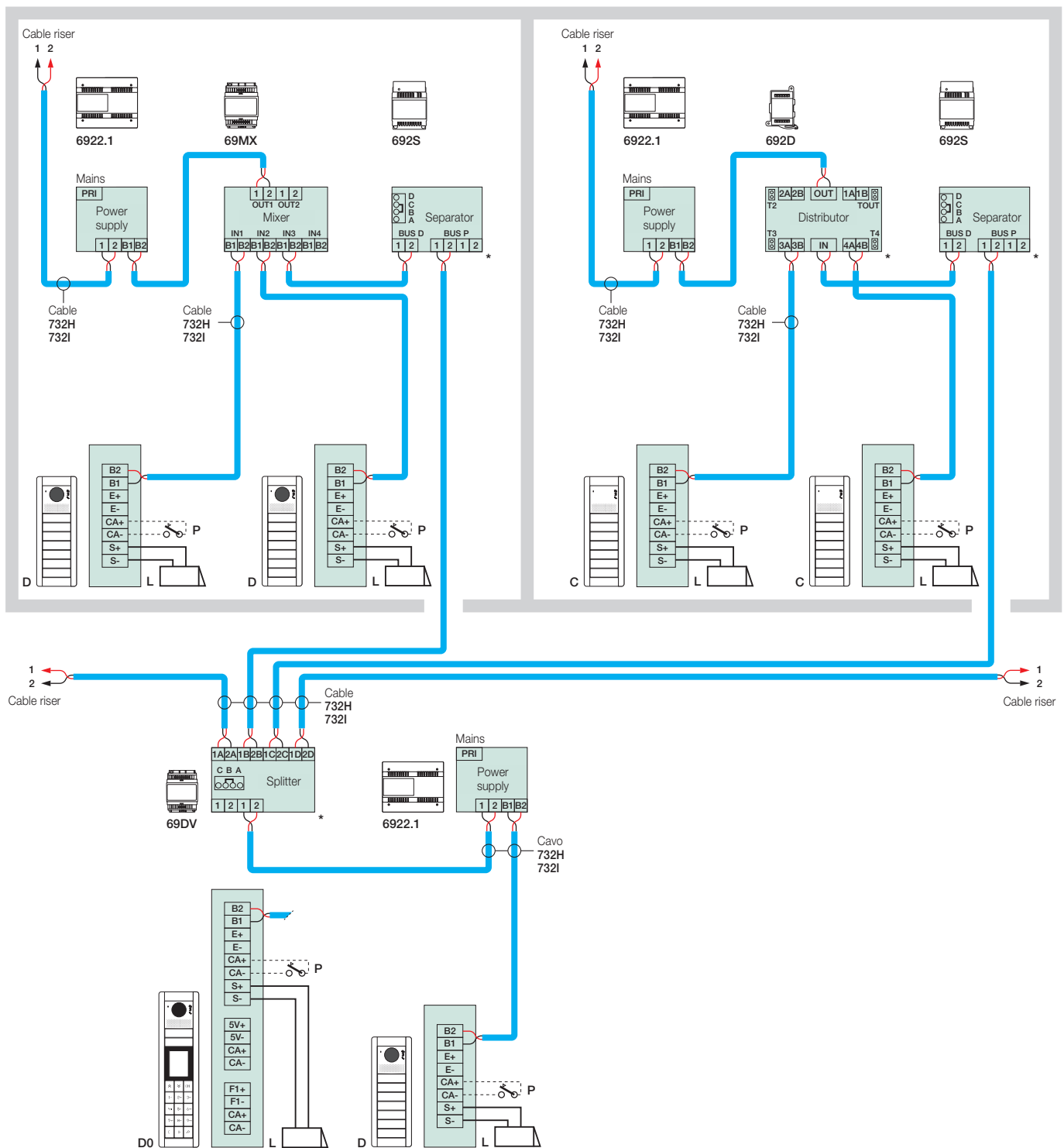
For termination of type 692D:

- If outputs "OUT", "2", "3" or "4" are not used, KEEP the jumper on the "TOUT", "T2", "T3" or "T4" connector.
- The default "TOUT" connector is in the "100" position (Elvox cable), position it to "50" only if using a CAT5 twisted pair cable.

Installations with active distributor 692D/2

The termination jumper must be positioned on "B" (for Elvox cable) or on "C" (for CAT5 twisted pair cable) IF AND ONLY IF the BUS terminates at the device itself. It must be left on "A" if effecting entry-exit using terminals 1-2 on 692D/2.

Video system in building complex with main entrance panel, riser distributor and multiple entrance panels



C - Audio entrance panel with push button Pixel series
 D - Video entrance panel with push button Pixel series
 D0 - Alphanumeric video entrance panel Pixel series
 L - Electric lock 12 V
 P - Open door command

Minimum conductor section (mm²)

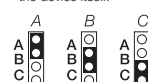
Electric lock	1,5 mm ²
Other: -, +U, +I (β)	1 mm ²

(β) the 6923 additional power supply must be installed as close as possible to the device to which is connected.

* BUS TERMINALS

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"A" = No termination
 "B" = Termination 100 Ohm
 "C" = Termination 50 Ohm

Installations with passive distributor 692D

ALWAYS use output 1 on distributor type 692D (the only one that has no termination jumper).

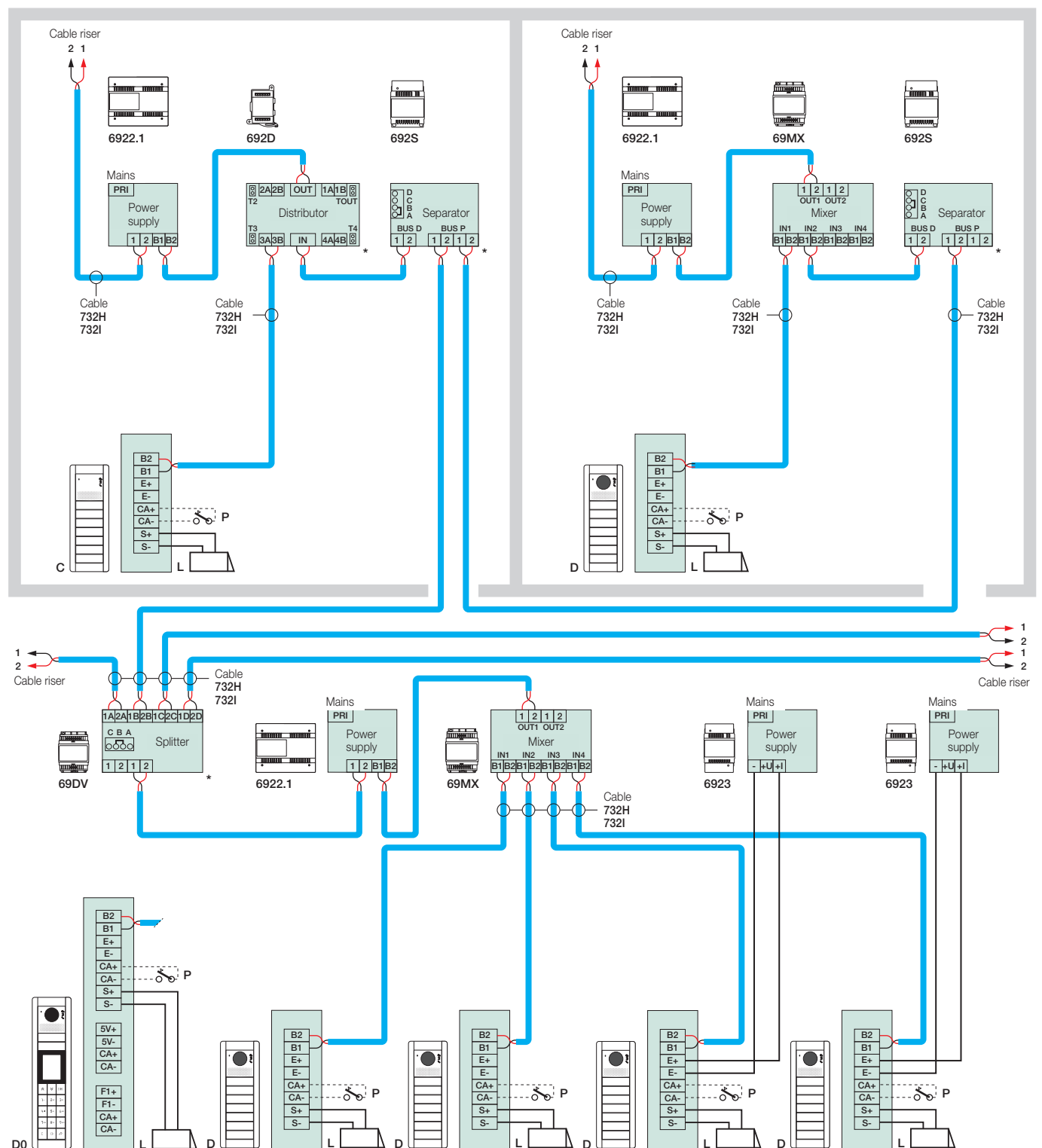
For termination of type 692D:

- If outputs "OUT", "2", "3" or "4" are not used, KEEP the jumper on the "TOUT", "T2", "T3" or "T4" connector.
- The default "TOUT" connector is in the "100" position (Elvox cable), position it to "50" only if using a CAT5 twisted pair cable.

Installations with active distributor 692D/2

The termination jumper must be positioned on "B" (for Elvox cable) or on "C" (for CAT5 twisted pair cable) IF AND ONLY IF the BUS terminates at the device itself. It must be left on "A" if effecting entry-exit using terminals 1-2 on 692D/2.

Video system in building complex with more main entrance panels and riser splitter



C - Audio entrance panel with push button Pixel series
D - Video entrance panel with push button Pixel series
D0 - Alphanumeric video entrance panel Pixel series
L - Electric lock 12 V
P - Open door command

Minimum conductor section (mm²)

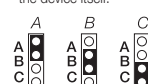
Electric lock	1,5 mm ²
Other: -, +U, +I (β)	1 mm ²

(β) the 6923 additional power supply must be installed as close as possible to the device to which is connected.

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"A" = No termination
"B" = Termination 100 Ohm
"C" = Termination 50 Ohm

Installations with passive distributor 692D

ALWAYS use output 1 on distributor type 692D (the only one that has no termination jumper).

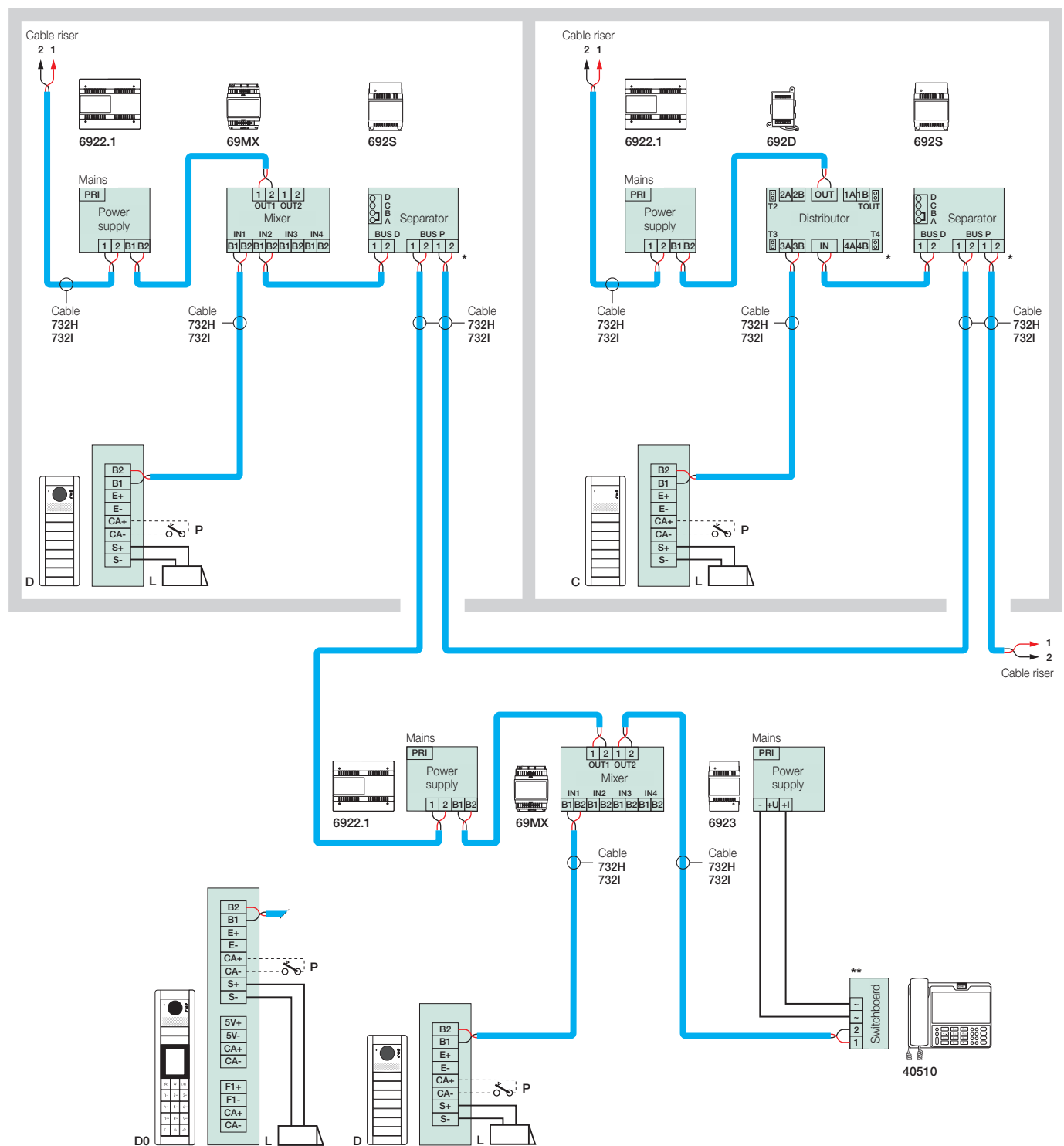
For termination of type 692D:

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- The default "TOUT" connector is in the "100" position (Elvox cable), position it to "50" only if using a CAT5 twisted pair cable.

Installations with active distributor 692D/2

The termination jumper must be positioned on "B" (for Elvox cable) or on "C" (for CAT5 twisted pair cable) IF AND ONLY IF the BUS terminates at the device itself. It must be left on "A" if effecting entry-exit using terminals 1-2 on 692D/2.

Video system in building complex with switchboard



C - Audio entrance panel with push button Pixel series
 D - Video entrance panel with push button Pixel series
 D0 - Alphanumeric video entrance panel Pixel series
 L - Electric lock 12 V
 P - Open door command

Minimum conductor section (mm²)

Electric lock	1,5 mm ²
Other: -, +U, +I (β)	1 mm ²

(β) the 6923 additional power supply must be installed as close as possible to the device to which is connected.

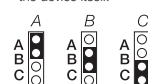
**

Attention:
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 "B" = Termination 100 Ohm
 "C" = Termination 50 Ohm

Installations with passive distributor 692D

ALWAYS use output 1 on distributor type 692D (the only one that has no termination jumper).

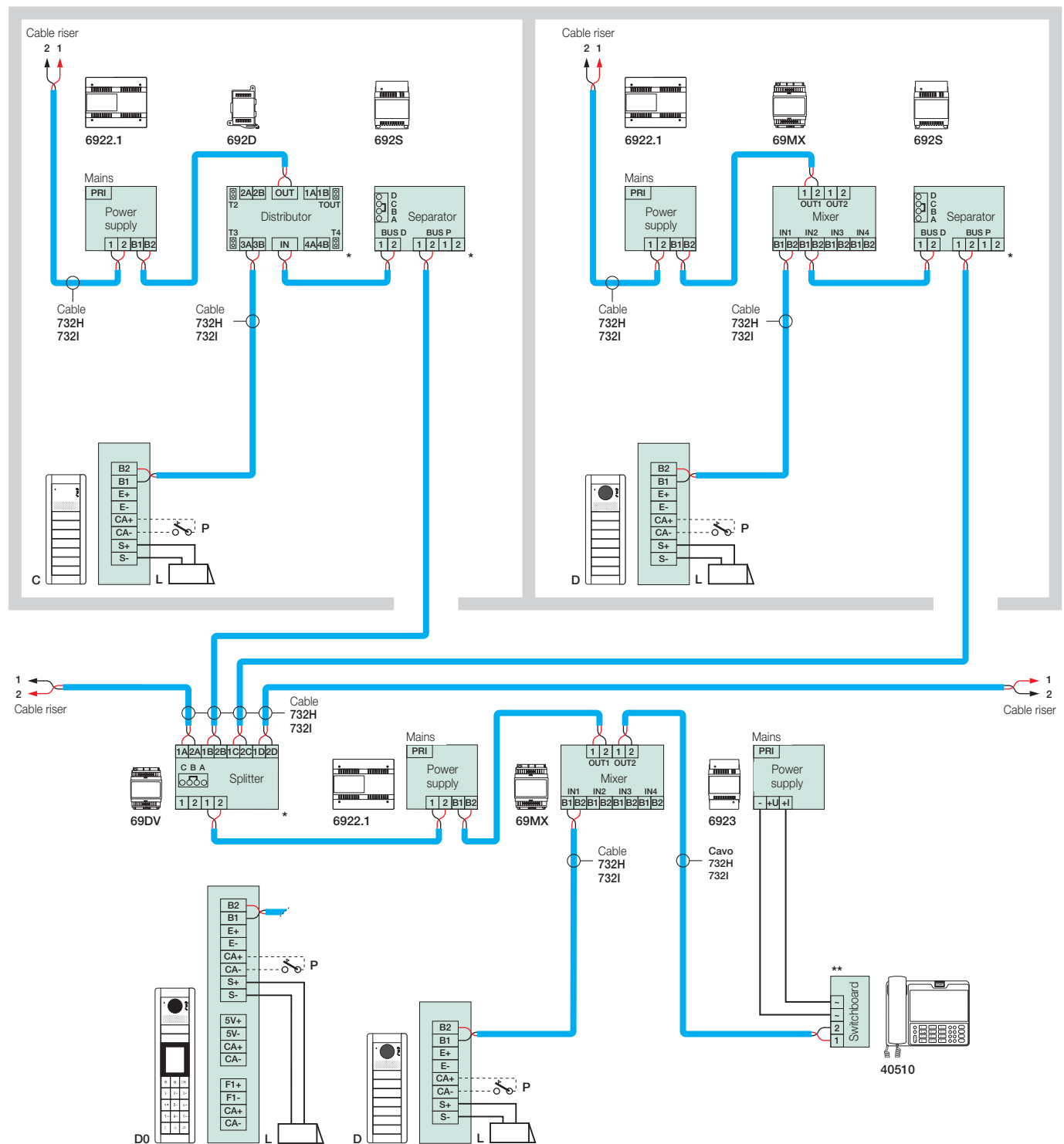
For termination of type 692D:

- If outputs "OUT", "2", "3" or "4" are not used, KEEP the jumper on the "TOUT", "T2", "T3" or "T4" connector.
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Installations with active distributor 692D/2

The termination jumper must be positioned on "B" (for Elvox cable) or on "C" (for CAT5 twisted pair cable) IF AND ONLY IF the BUS terminates at the device itself. It must be left on "A" if effecting entry-exit using terminals 1-2 on 692D/2.

Video system in building complex with entrance panel, porter switchboard and riser splitter



C - Audio entrance panel with push button Pixel series
D - Video entrance panel with push button Pixel series
D0 - Alphanumeric video entrance panel Pixel series
L - Electric lock 12 V
P - Open door command

Minimum conductor section (mm²)

Electric lock	1,5 mm ²
Other: -, +U, +I (β)	1 mm ²

(β) the 6923 additional power supply must be installed as close as possible to the device to which is connected.

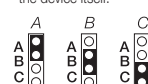
**

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"B" = Termination 100 Ohm
"C" = Termination 50 Ohm

Installations with passive distributor 692D

ALWAYS use output 1 on distributor type 692D (the only one that has no termination jumper).

For termination of type 692D:

- If outputs "OUT", "2", "3" or "4" are not used, KEEP the jumper on the "TOUT", "T2", "T3" or "T4" connector.
- The default "TOUT" connector is in the "100" position (Elvox cable), position it to "50" only if using a CAT5 twisted pair cable.

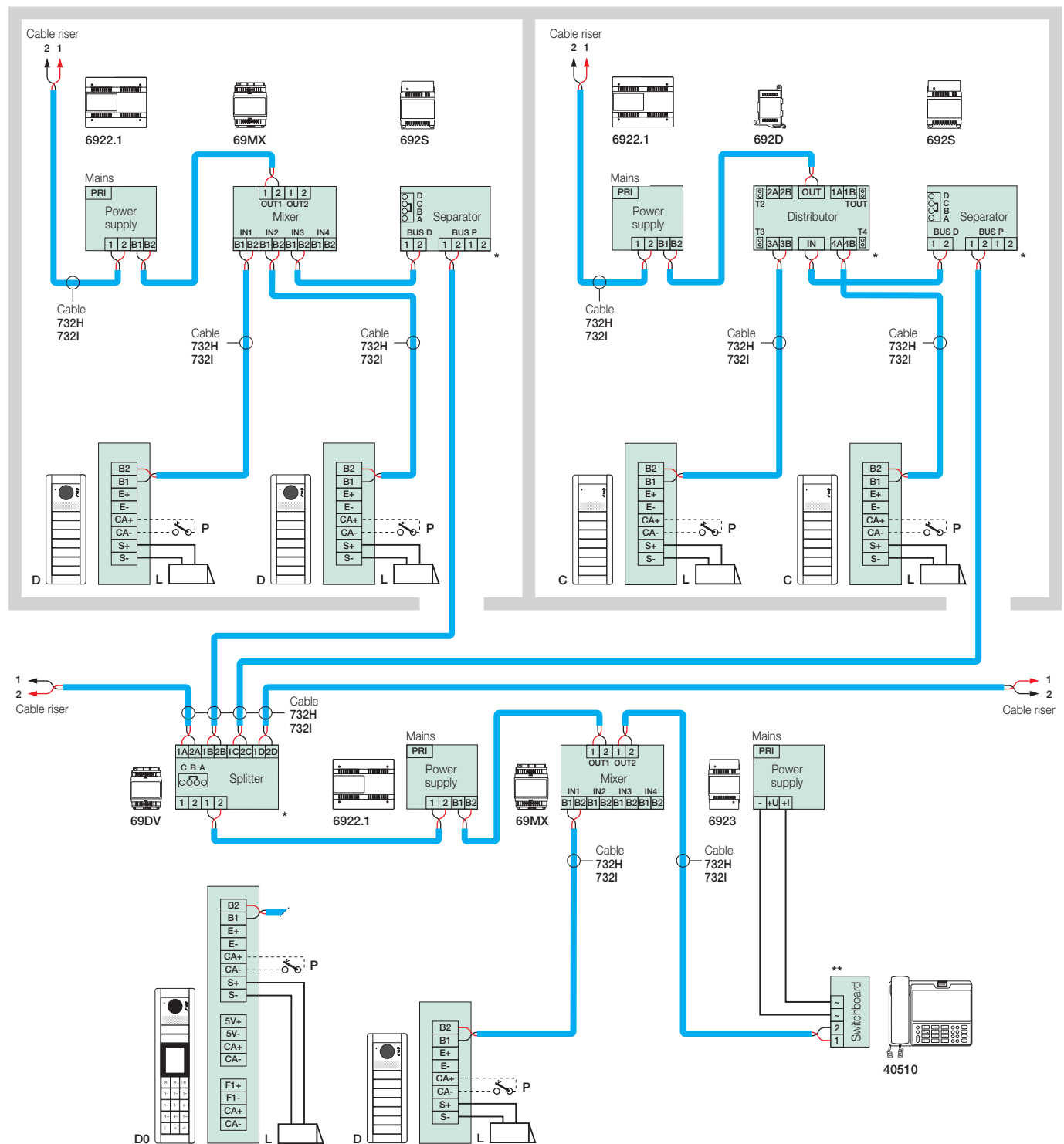
Installations with active distributor 692D/2

The termination jumper must be positioned on "B" (for Elvox cable) or on "C" (for CAT5 twisted pair cable) IF AND ONLY IF the BUS terminates at the device itself. It must be left on "A" if effecting entry-exit using terminals 1-2 on 692D/2.

DUE FILI PLUS VIDEO DOOR ENTRY SYSTEMS



Video system in building complex with switchboard, multiple secondary entrance panels and riser splitter



C - Audio entrance panel with push button Pixel series
D - Video entrance panel with push button Pixel series
D0 - Alphanumeric video entrance panel Pixel series
L - Electric lock 12 V
P - Open door command

Minimum conductor section (mm²)

Electric lock	1,5 mm²
Other: -, +U, +I (β)	1 mm²

(β) the 6923 additional power supply must be installed as close as possible to the device to which is connected.

**

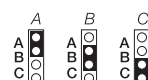
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"B" = Termination 100 Ohm
"C" = Termination 50 Ohm

Installations with passive distributor 692D

ALWAYS use output 1 on distributor type 692D (the only one that has no termination jumper).

For termination of type 692D:

- If outputs "OUT", "2", "3" or "4" are not used, KEEP the jumper on the "TOUT", "T2", "T3" or "T4" connector.
- The default "TOUT" connector is in the "100" position (Elvox cable), position it to "50" only if using a CAT5 twisted pair cable.

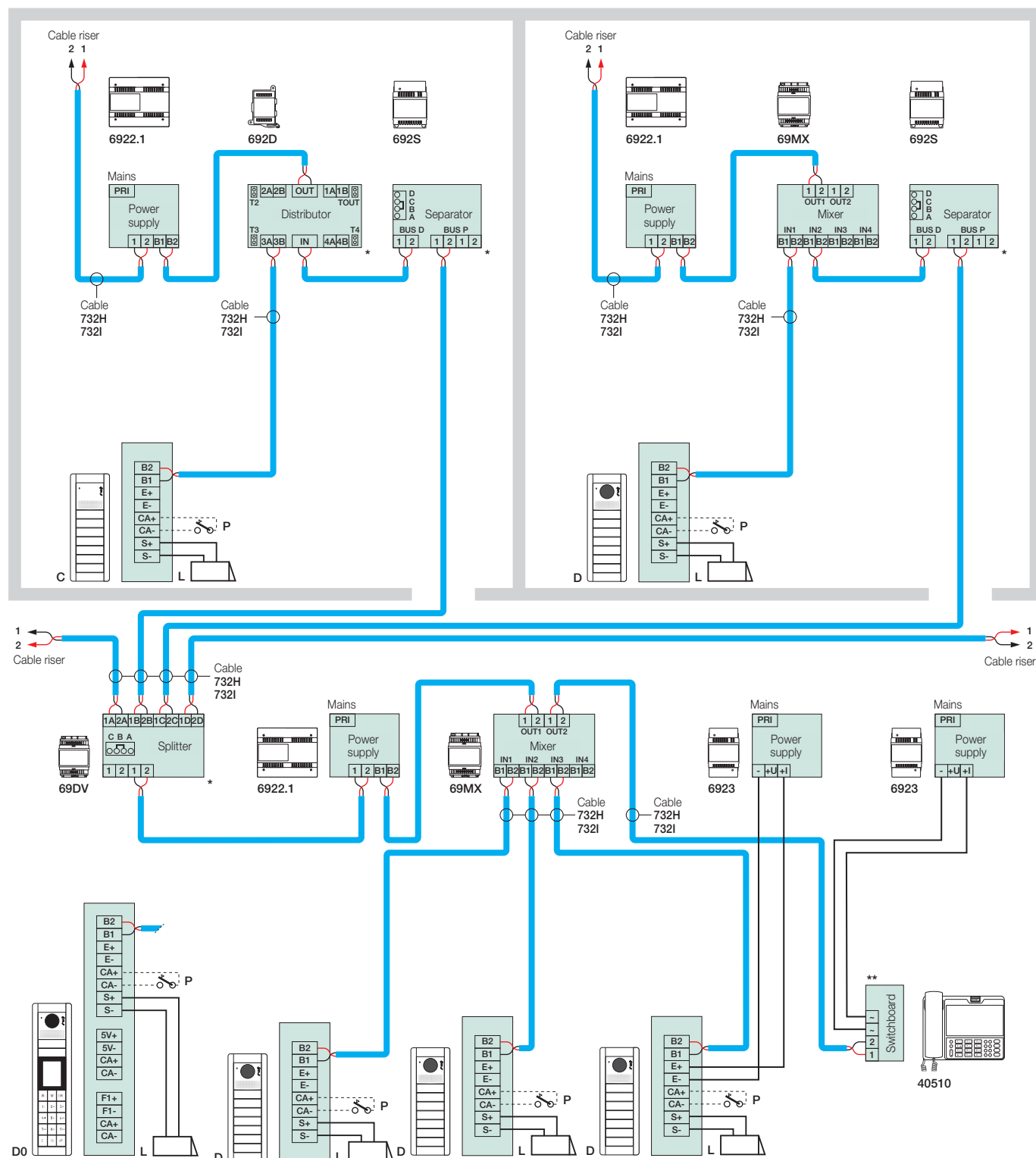
Installations with active distributor 692D/2

The termination jumper must be positioned on "B" (for Elvox cable) or on "C" (for CAT5 twisted pair cable) IF AND ONLY IF the BUS terminates at the device itself. It must be left on "A" if effecting entry-exit using terminals 1-2 on 692D/2.

DUE FILI PLUS VIDEO DOOR ENTRY SYSTEMS



Video system in building complex with multiple main entrance panels, secondary entrance panels and switchboard



C - Audio entrance panel with push button Pixel series
D - Video entrance panel with push button Pixel series
D0 - Alphanumeric video entrance panel Pixel series
L - Electric lock 12 V
P - Open door command

Minimum conductor section (mm²)

Electric lock	1,5 mm ²
Other: -, +U, +I (β)	1 mm ²

(β) the 6923 additional power supply must be installed as close as possible to the device to which is connected.

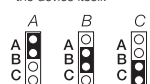
**

Attention:
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"A" = No termination
"B" = Termination 100 Ohm
"C" = Termination 50 Ohm

Installations with passive distributor 692D

ALWAYS use output 1 on distributor type 692D (the only one that has no termination jumper).

For termination of type 692D:

- If outputs "OUT", "2", "3" or "4" are not used, KEEP the jumper on the "TOUT", "T2", "T3" or "T4" connector.
- The default "TOUT" connector is in the "100" position (Elvox cable), position it to "50" only if using a CAT5 twisted pair cable.

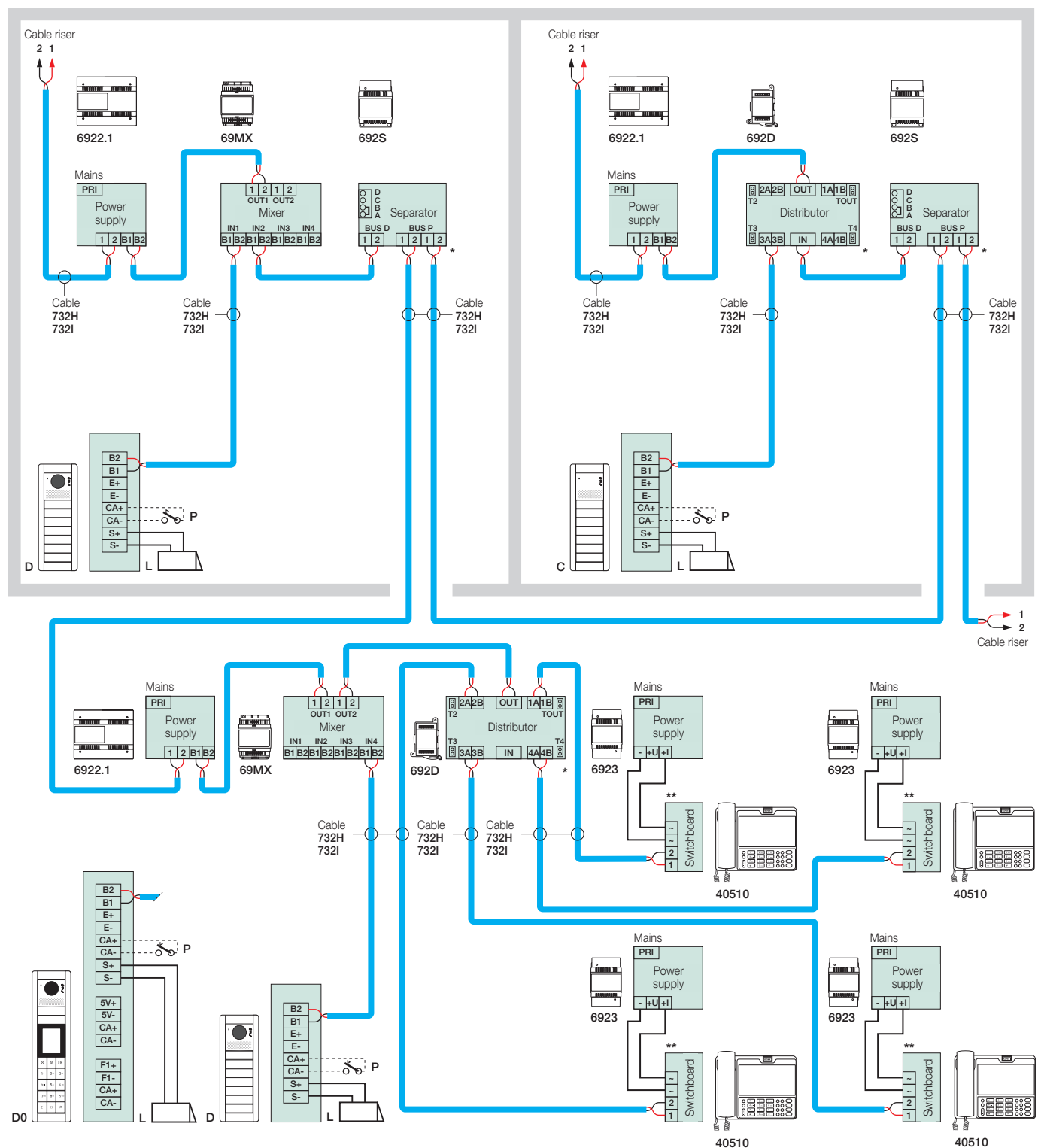
Installations with active distributor 692D/2

The termination jumper must be positioned on "B" (for Elvox cable) or on "C" (for CAT5 twisted pair cable) IF AND ONLY IF the BUS terminates at the device itself. It must be left on "A" if effecting entry-exit using terminals 1-2 on 692D/2.

DUE FILI PLUS VIDEO DOOR ENTRY SYSTEMS



Video system in building complex with 4 porter switchboards



C - Audio entrance panel with push button Pixel series
D - Video entrance panel with push button Pixel series
D0 - Alphanumeric video entrance panel Pixel series
L - Electric lock 12 V
P - Open door command

Minimum conductor section (mm²)

Electric lock	1,5 mm ²
Other: -, +U, +I (β)	1 mm ²

(β) the 6923 additional power supply must be installed as close as possible to the device to which is connected.

**

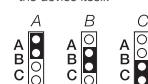
Attention:
In the connection stub respect attentively the connections. The inversions in cablings may damage the switchboard.

* BUS TERMINALS

This note applies to all devices with "BUS termination connector or dip-switch", which is identified by the screen-printed letters "ABC" and marked on the wiring diagrams with *.

For correct adaptation of the line, make the setting according to the following rule:

- Maintain position "A" if the BUS enters and exits from the device;
- Move to position "B" (if Elvox cable) or to position "C" (if CAT5 twisted pair cable) if the BUS line terminates in the device itself.



"A" = No termination
"B" = Termination 100 Ohm
"C" = Termination 50 Ohm

Installations with passive distributor 692D

ALWAYS use output 1 on distributor type 692D (the only one that has no termination jumper).

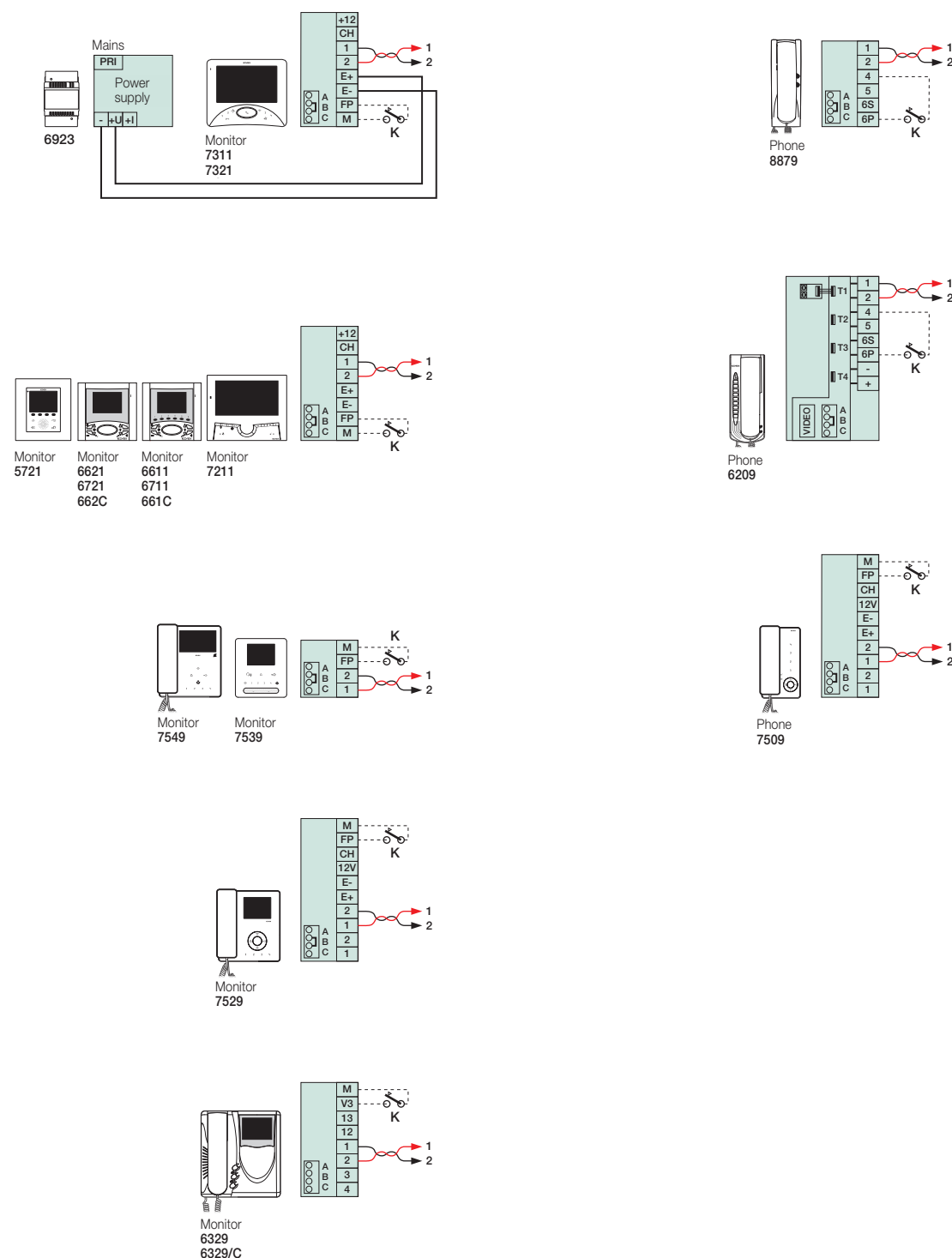
For termination of type 692D:

- If outputs "OUT", "2", "3" or "4" are not used, KEEP the jumper on the "TOUT", "T2", "T3" or "T4" connector.
- The default "TOUT" connector is in the "100" position (Elvox cable), position it to "50" only if using a CAT5 twisted pair cable.

Installations with active distributor 692D/2

The termination jumper must be positioned on "B" (for Elvox cable) or on "C" (for CAT5 twisted pair cable) IF AND ONLY IF the BUS terminates at the device itself. It must be left on "A" if effecting entry-exit using terminals 1-2 on 692D/2.

Landing call button on internal units



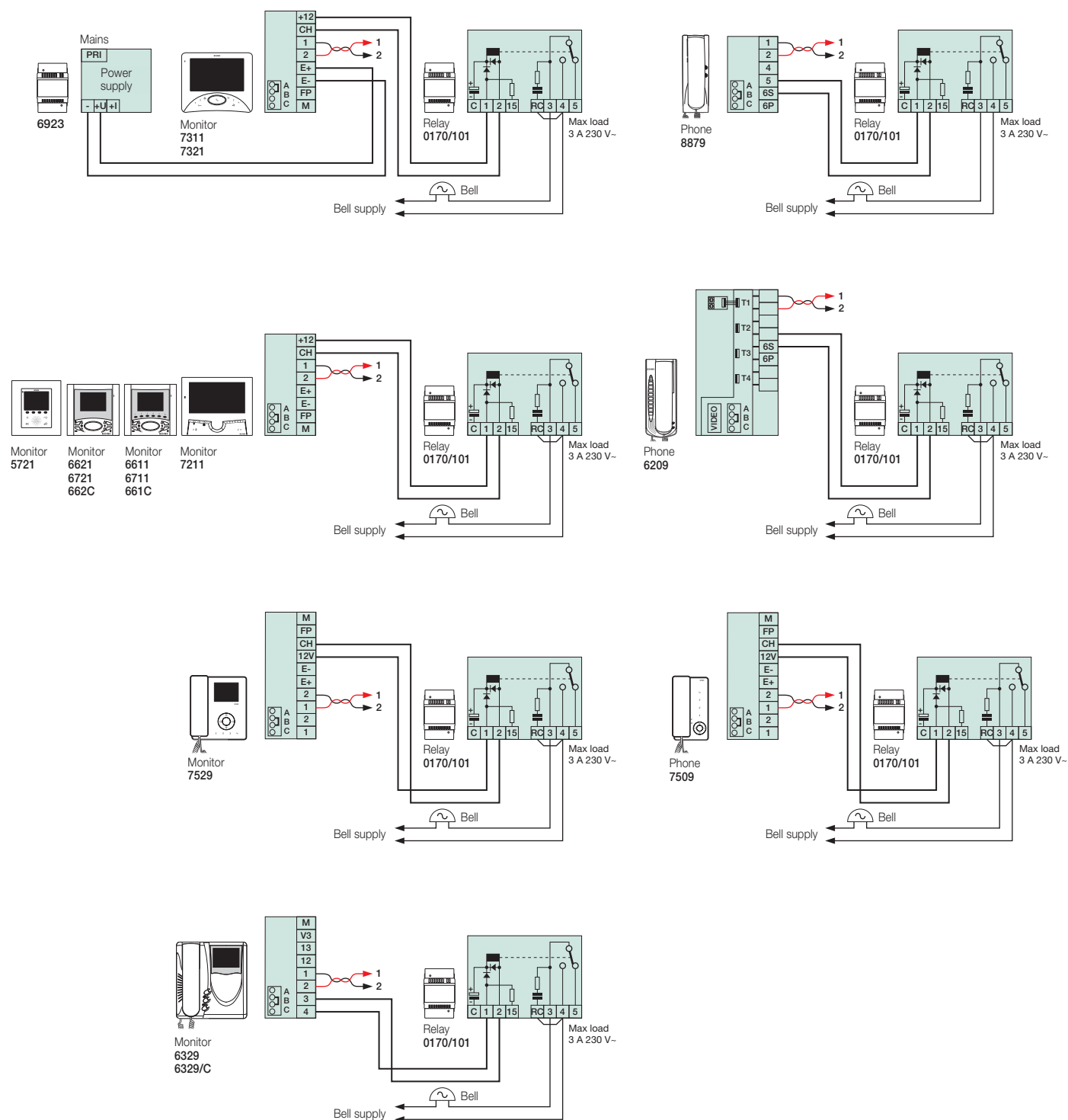
K - Outdoor call push-button

Minimum conductor section (mm²)

Electric lock	1,5 mm ²
Other: -, +U, +I (β)	1 mm ²

(β) the 6923 additional power supply must be installed as close as possible to the device to which is connected.

Relay and bell for call repetition

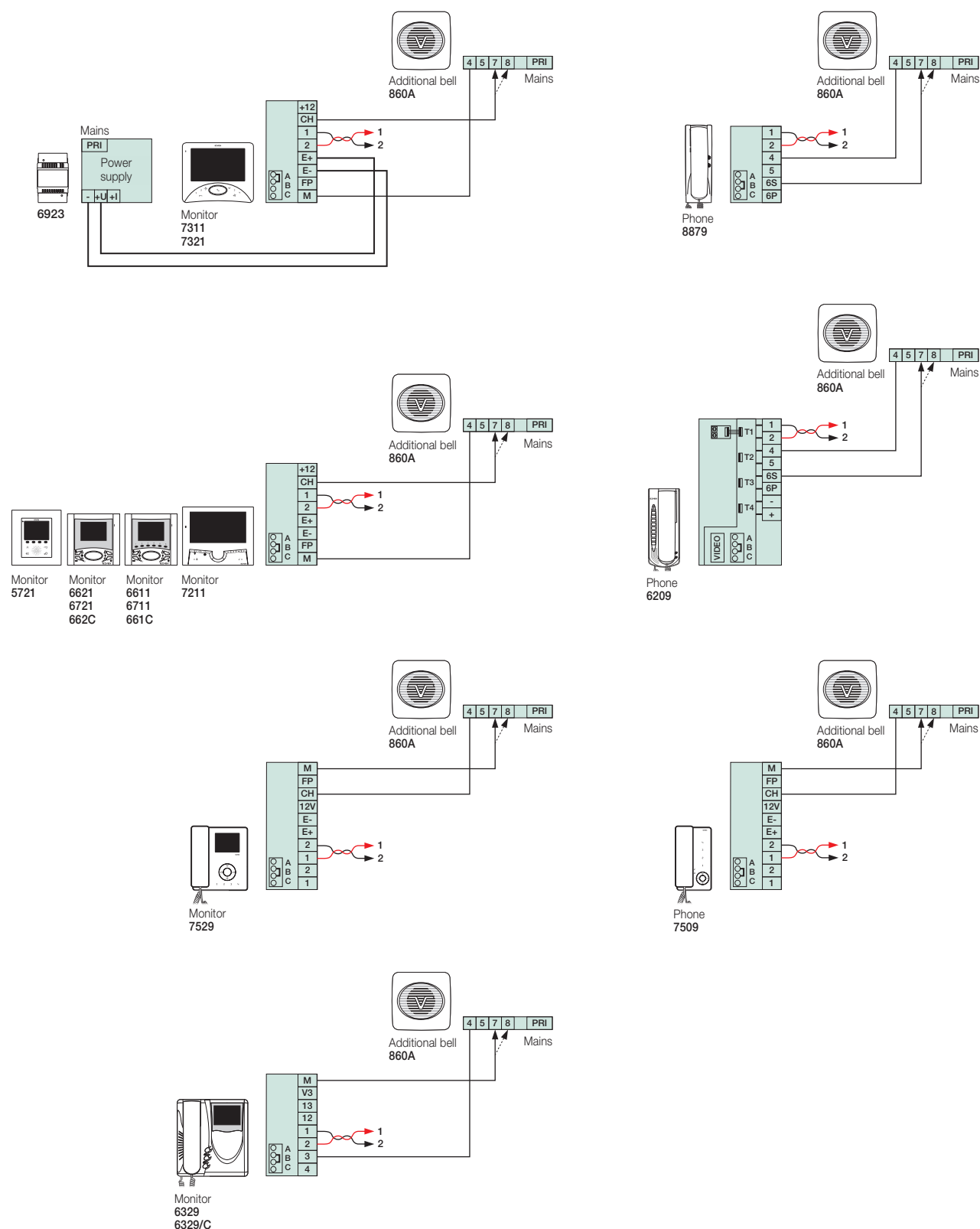


Minimum conductor section (mm²)

Electric lock	1,5 mm ²
Other: -, +U, +I (β)	1 mm ²

(β) the 6923 additional power supply must be installed as close as possible to the device to which is connected.

Auxiliary electronic chime

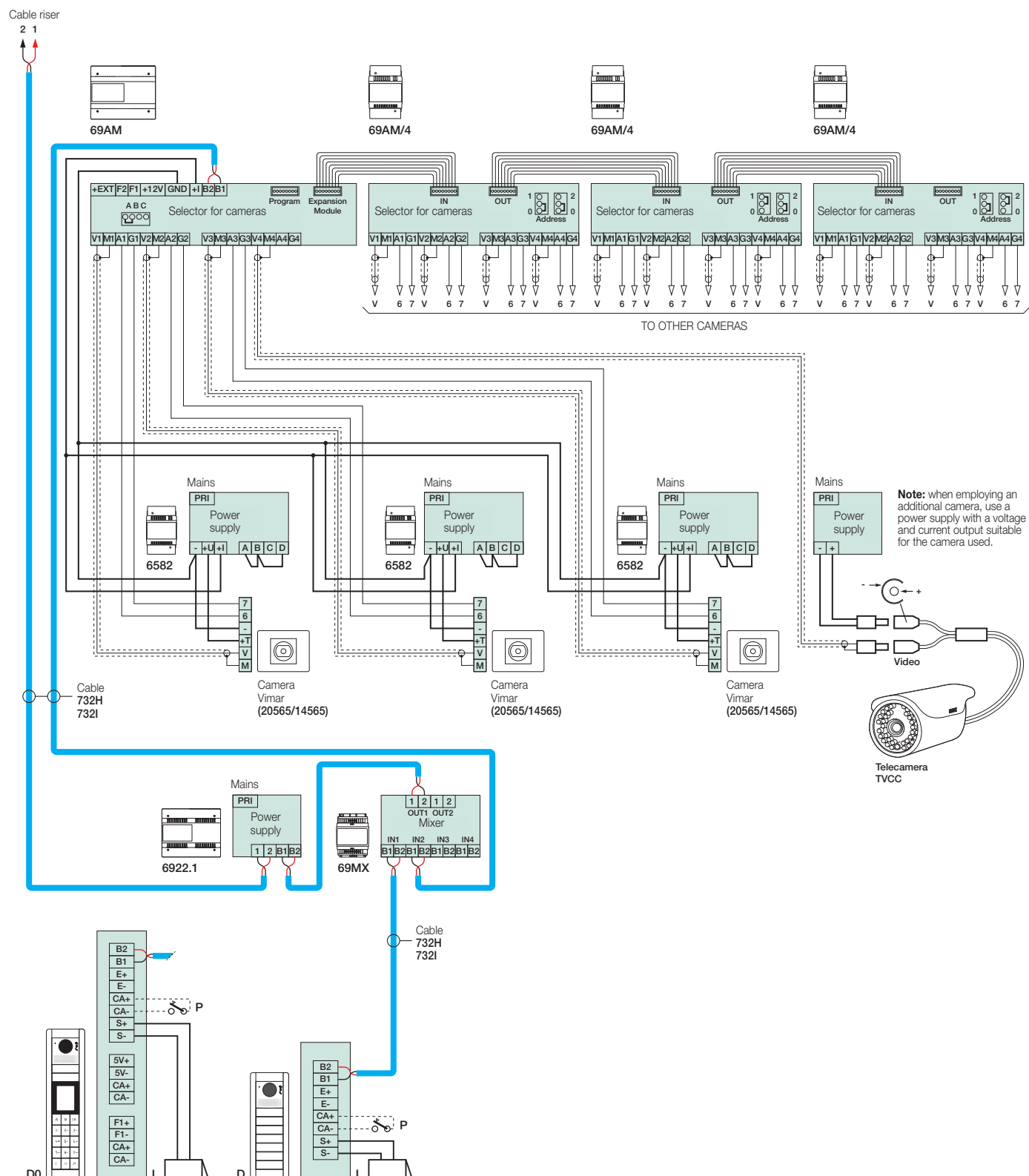


Minimum conductor section (mm²)

Electric lock	1,5 mm ²
Other: -, +U, +I (β)	1 mm ²

(β) the 6923 additional power supply must be installed as close as possible to the device to which is connected.

CCTV interface



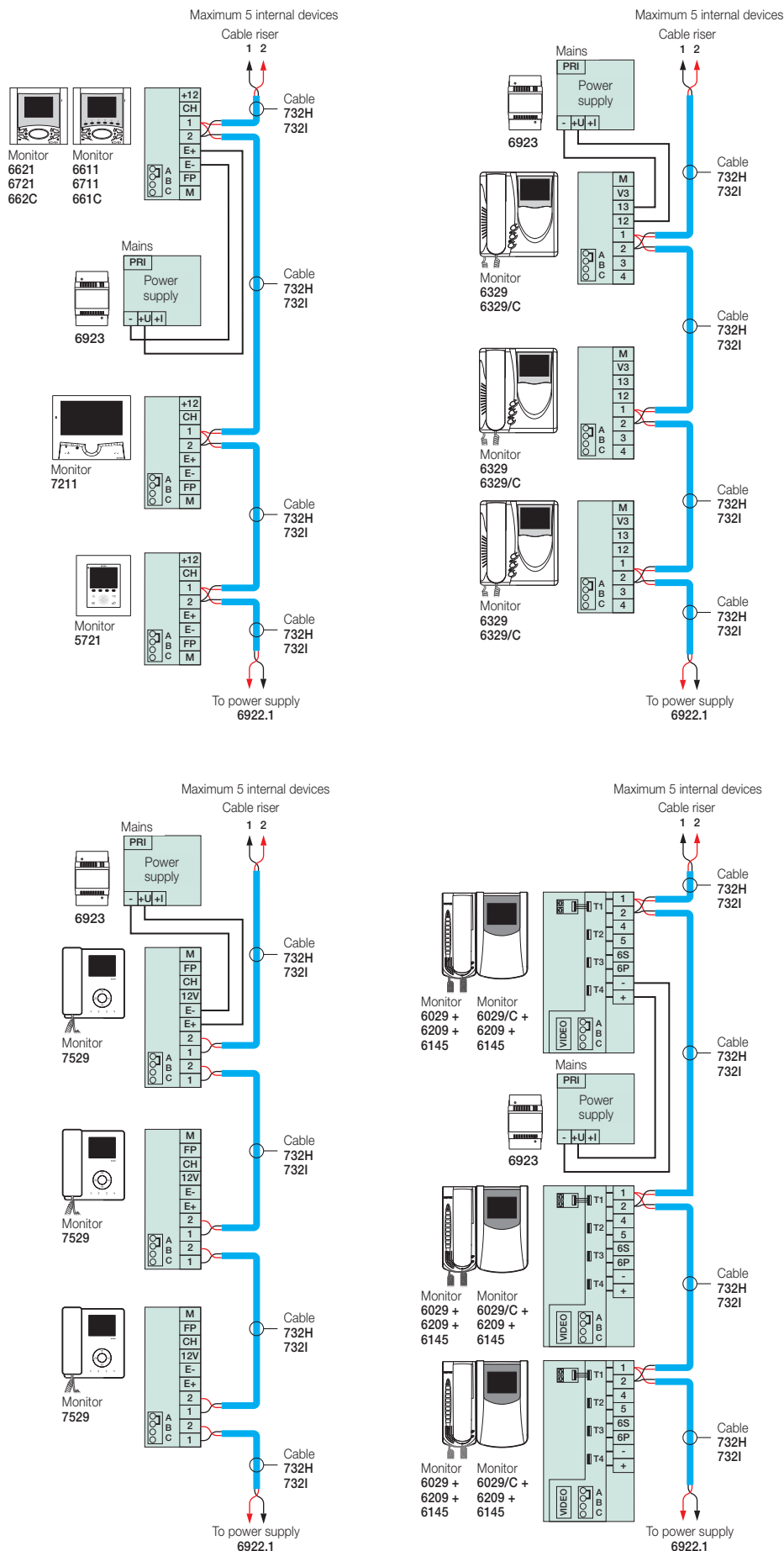
D - Video entrance panel with push button Pixel series
 D0 - Alphanumeric video entrance panel Pixel series
 L - Electric lock 12 V
 P - Open door command

Minimum conductor section (mm²)

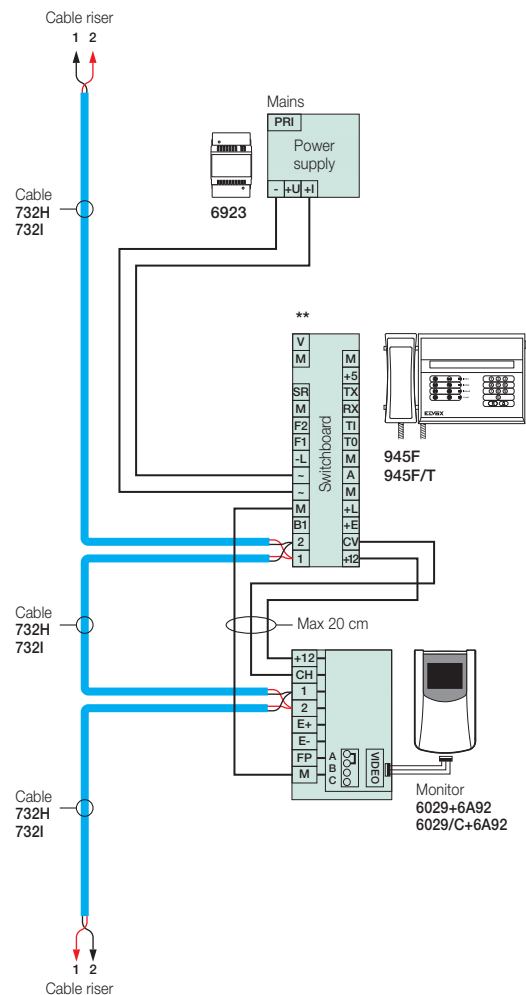
Electric lock	1,5 mm ²
Other: -, +U, +I (B)	1 mm ²

(B) the 6923 additional power supply must be installed as close as possible to the device to which is connected.

Simultaneous start-up with two or more video door entry units



Minimum conductor section (mm ²)	
Electric lock	1,5 mm ²
Other: -, +U, +I (β)	1 mm ²
(β) the 6923 additional power supply must be installed as close as possible to the device to which is connected.	



Attention:
In the connection stub respect attentively the connections. The inversions in cablings may damage the switchboard and/or the moniteur.

Minimum conductor section (mm²)	
Electric lock	1,5 mm²
Other: -, +U, +I (β)	1 mm²

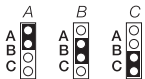
(β) the 6923 additional power supply must be installed as close as possible to the device to which is connected.

*** BUS TERMINALS**

This note applies to all devices with "BUS termination connector or dip-switch", which is identified by the screen-printed letters "ABC" and marked on the wiring diagrams with *.

For correct adaptation of the line, make the setting according to the following rule:

- Maintain position "A" if the BUS enters and exits from the device;
- Move to position "B" (if Elvox cable) or to position "C" (if CAT5 twisted pair cable) if the BUS line terminates in the device itself.



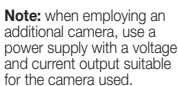
"A" = No termination
"B" = Termination 100 Ohm
"C" = Termination 50 Ohm

Installations with passive distributor 692D
ALWAYS use output 1 on distributor type 692D (the only one that has no termination jumper).

For termination of type 692D:


- If outputs "OUT", "2", "3" or "4" are not used, KEEP the jumper on the "TOUT", "T2", "T3" or "T4" connector.
- The default "TOUT" connector is in the "100" position (Elvox cable), position it to "50" only if using a CAT5 twisted pair cable.

Installations with active distributor 692D/2
The termination jumper must be positioned on "B" (for Elvox cable) or on "C" (for CAT5 twisted pair cable) IF AND ONLY IF the BUS terminates at the device itself. It must be left on "A" if effecting entry-exit using terminals 1-2 on 692D/2.

ELVAX

Note: connect the 75 Ohm resistor only in the case of colour camera

75 OI



945F
945F/T

20 cm

Monitor
6029+6A92
6029/C+6A92

Cavo
732H
732I

Cable
732H
732I

Cable
732H
732I

Cable riser

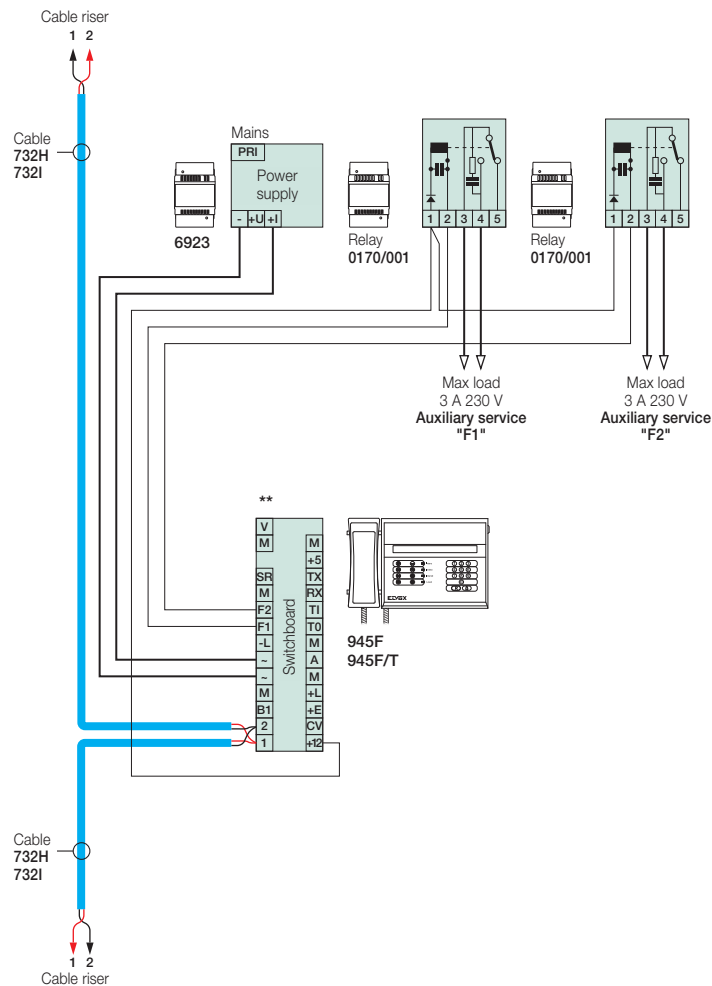
★★

Attention:
In the connection stub respect attentively the connections. The inversions in cablings may damage the switchboard and/or the monitor.

A B C A B C A B C
 "A" = No termination
 "B" = Termination 100 Ohm
 "C" = Termination 50 Ohm

The termination jumper must be positioned on "B" (for Elvox cable) or on "C" (for CAT5 twisted pair cable) IF AND ONLY IF the BUS terminates at the device itself. It must be left on "A" if effecting entry-exit using terminals 1-2 on 692D/2.

With 945F porter switchboard and activation of two auxiliary functions "F1 - F2"



Attention:
In the connection stub respect attentively the connections. The inversions in cablings may damage the switchboard and/or the moniteur.

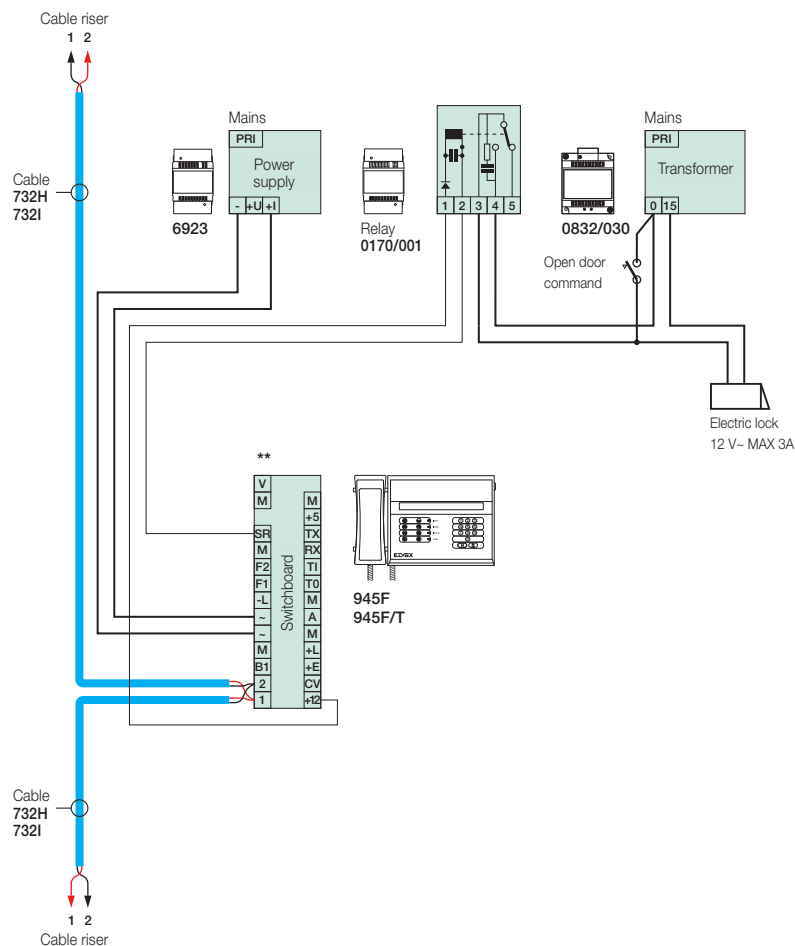
Minimum conductor section (mm²)	
Electric lock	1,5 mm²
Other: -, +U, +I (B)	1 mm²

(B) the 6923 additional power supply must be installed as close as possible to the device to which is connected.

DUE FILI PLUS VIDEO DOOR ENTRY SYSTEMS



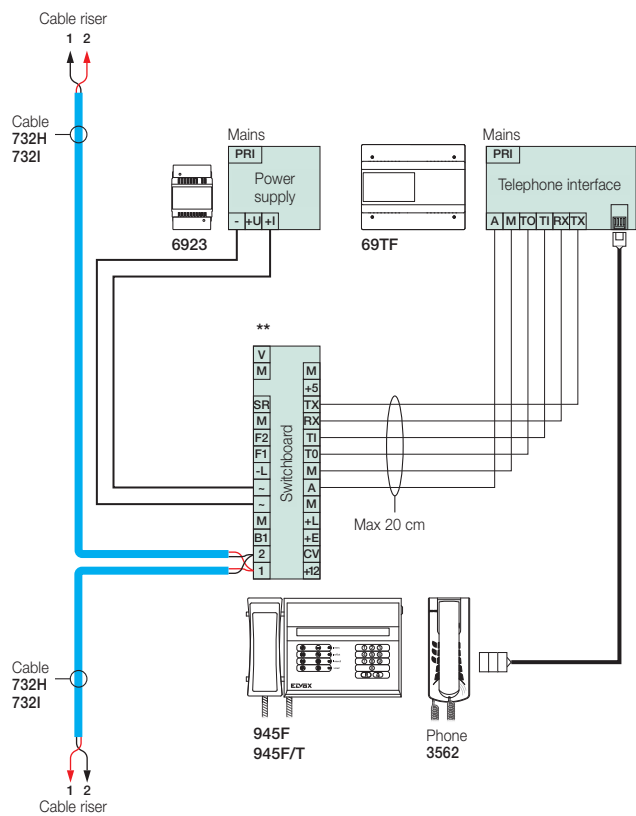
With 945F porter switchboard and electric lock release



Attention:
In the connection stub respect attentively the connections. The inversions in cablings may damage the switchboard and/or the moniteur.

Minimum conductor section (mm ²)	
Electric lock	1,5 mm ²
Other: -, +U, +I (B)	1 mm ²

(B) the 6923 additional power supply must be installed as close as possible to the device to which is connected.



Attention:
In the connection stub respect attentively the connections. The inversions in cablings may damage the switchboard and/or the moniteur

Minimum conductor section (mm²)	
Electric lock	1,5 mm²
Other: -, +U, +I (B)	1 mm²

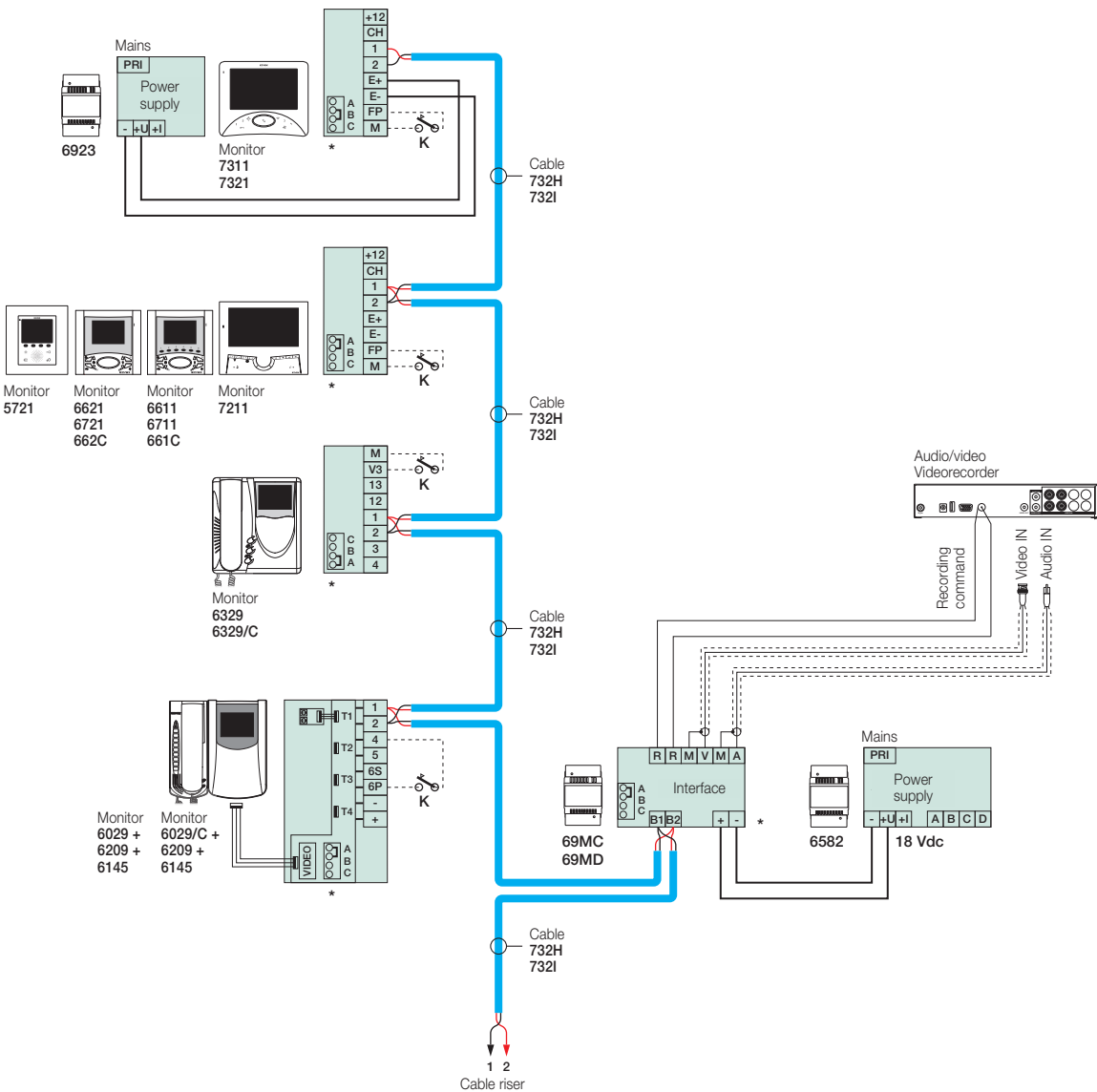
(B) the 6923 additional power supply must be installed as close as possible to the device to which is connected.

ELVAX[illegible]

Installations with active distributor 692D/2
The termination jumper must be positioned on "B" (for Elvox cable) or on "C" (for CAT5 twisted pair cable) IF AND ONLY IF the BUS terminates at the device itself. It must be left on "A" if effecting entry-exit using terminals 1-2 on 692D/2.

Video signal extraction

Maximum 5 internal devices



K - Outdoor call push-button

Minimum conductor section (mm²)

Electric lock	1,5 mm²
Other: -, +U, +I (β)	1 mm²

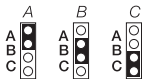
(β) the 6923 additional power supply must be installed as close as possible to the device to which is connected.

* BUS TERMINALS

This note applies to all devices with "BUS termination connector or dip-switch", which is identified by the screen-printed letters "ABC" and marked on the wiring diagrams with *.

For correct adaptation of the line, make the setting according to the following rule:

- Maintain position "A" if the BUS enters and exits from the device;
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"A" = No termination
"B" = Termination 100 Ohm
"C" = Termination 50 Ohm

Installations with passive distributor 692D

ALWAYS use output 1 on distributor type 692D (the only one that has no termination jumper).

For termination of type 692D:

- If outputs "OUT", "2", "3" or "4" are not used, KEEP the jumper on the "TOUT", "T2", "T3" or "T4" connector.
- The default "TOUT" connector is in the "100" position (Elvox cable), position it to "50" only if using a CAT5 twisted pair cable.

Installations with active distributor 692D/2

The termination jumper must be positioned on "B" (for Elvox cable) or on "C" (for CAT5 twisted pair cable) IF AND ONLY IF the BUS terminates at the device itself. It must be left on "A" if effecting entry-exit using terminals 1-2 on 692D/2.

ELVAX[illegible]

Minimum conductor section (mm²)	
Electric lock	1,5 mm²
Other: -, +U, +I (β)	1 mm²

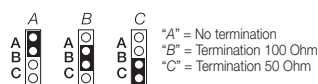
(β) the 6923 additional power supply must be installed as close as possible to the device to which is connected.

This note applies to all devices with "BUS termination connector or dip-switch", which is identified by the screen-printed letters "ABC" and marked on the wiring diagrams with *.

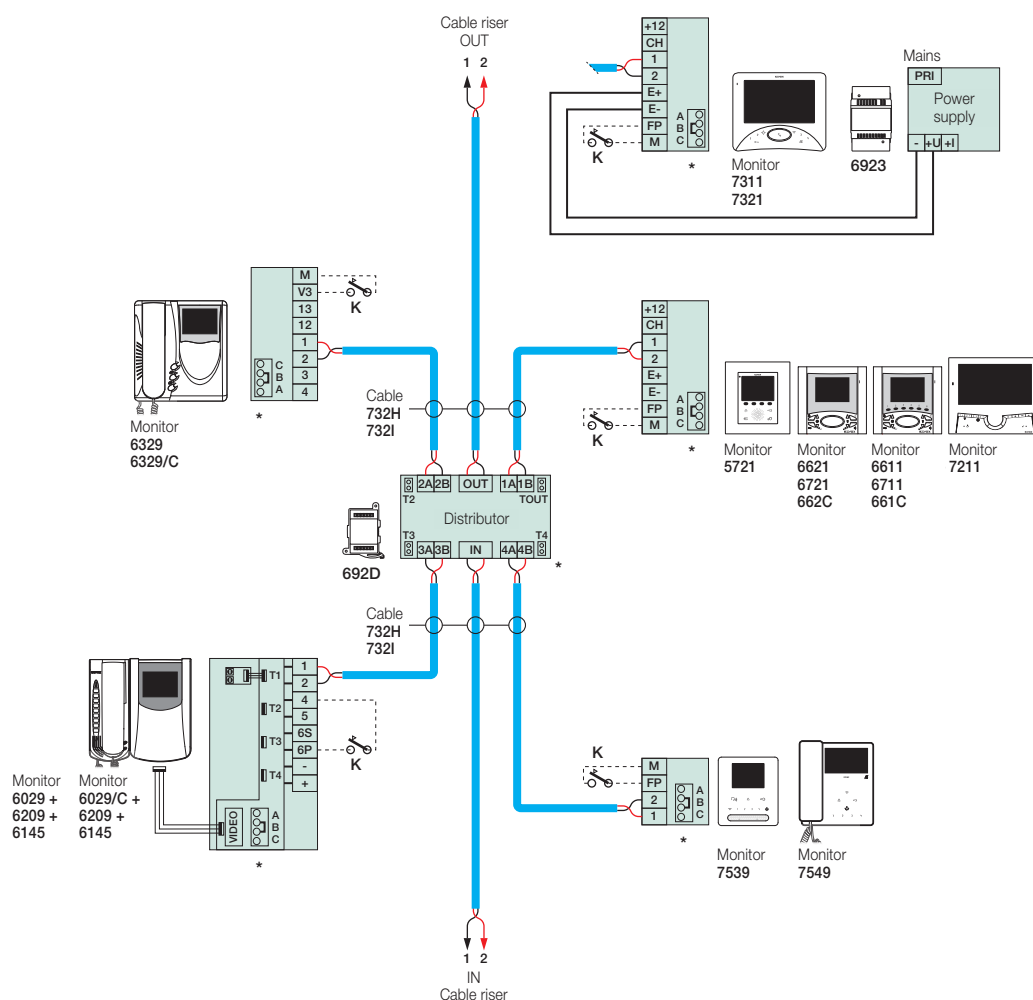
For correct adaptation of the line, make the setting according to the following rule:

- Maintain position "A" if the BUS enters and exits from the device;
- Move to position "B" (if Elvox cable) or to position "C" (if CAT5 twisted pair cable) if the BUS line terminates in the device itself.

Installations with active distributor 692D/2
The termination jumper must be positioned on "B" (for Elvox cable) or on "C" (for CAT5 twisted pair cable) IF AND ONLY IF the BUS terminates at the device itself. It must be left on "A" if effecting entry-exit using terminals 1-2 on 692D/2.



Examples of video risers



K - Outdoor call push-button

Minimum conductor section (mm²)

Electric lock	1,5 mm ²
Other: -, +U, +I (β)	1 mm ²

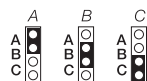
(β) the 6923 additional power supply must be installed as close as possible to the device to which is connected.

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This note applies to all devices with "BUS termination connector or dip-switch", which is identified by the screen-printed letters "ABC" and marked on the wiring diagrams with *.

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"A" = No termination
 "B" = Termination 100 Ohm
 "C" = Termination 50 Ohm

Installations with passive distributor 692D

ALWAYS use output 1 on distributor type 692D (the only one that has no termination jumper).

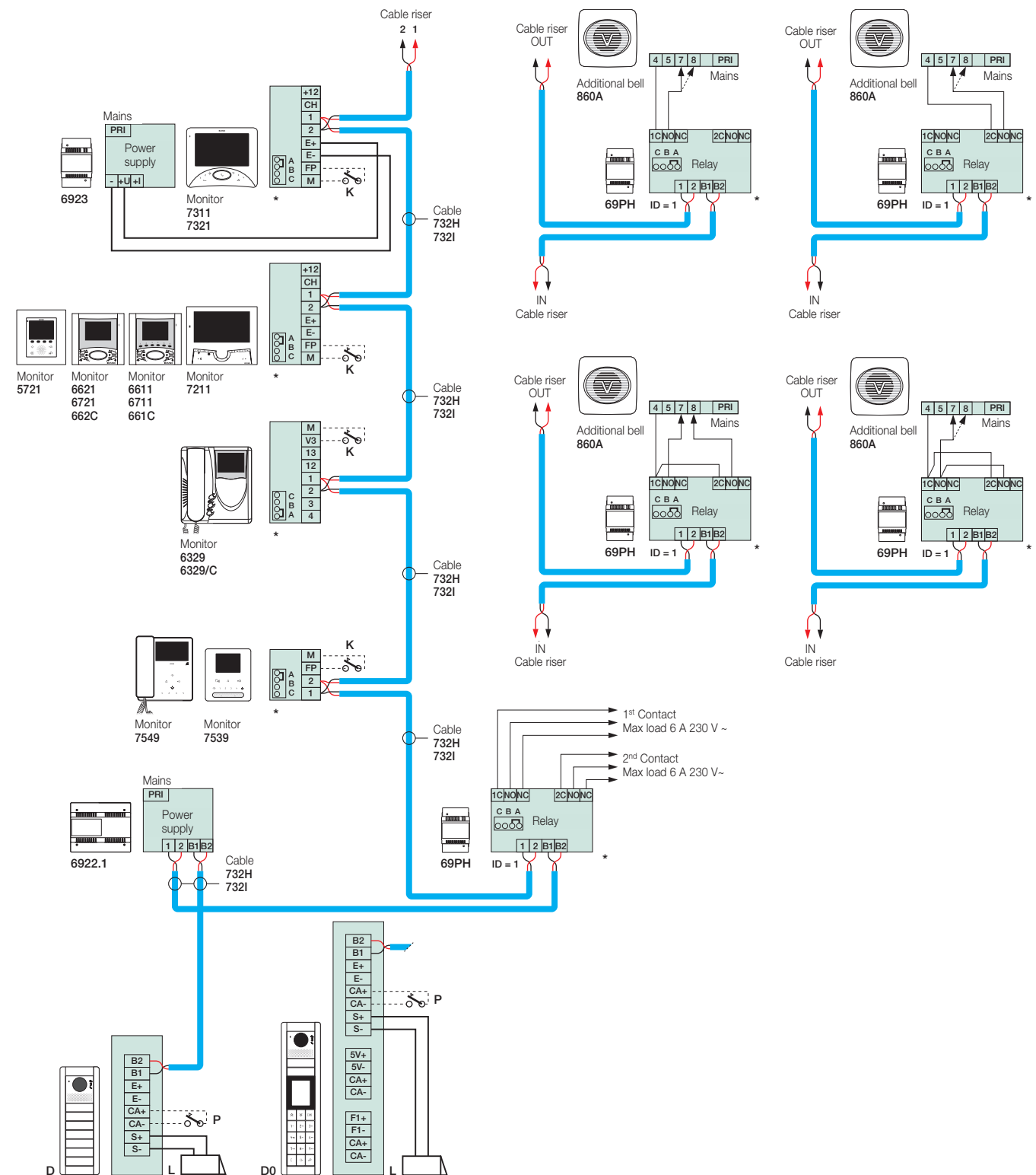
For termination of type 692D:

- If outputs "OUT", "2", "3" or "4" are not used, KEEP the jumper on the "TOUT", "T2", "T3" or "T4" connector.
- The default "TOUT" connector is in the "100" position (Elvox cable), position it to "50" only if using a CAT5 twisted pair cable.

Installations with active distributor 692D/2

The termination jumper must be positioned on "B" (for Elvox cable) or on "C" (for CAT5 twisted pair cable) IF AND ONLY IF the BUS terminates at the device itself. It must be left on "A" if effecting entry-exit using terminals 1-2 on 692D/2.

Programmable digital relay



D - Video entrance panel with push button Pixel series
 D0 - Alphanumeric video entrance panel Pixel series
 K - Outdoor call push-button
 L - Electric lock 12 V
 P - Open door command

Minimum conductor section (mm²)

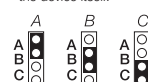
Electric lock	1,5 mm ²
Other: -, +U, +I (β)	1 mm ²

(β) the 6923 additional power supply must be installed as close as possible to the device to which is connected.

* BUS TERMINALS

This note applies to all devices with "BUS termination connector or dip-switch", which is identified by the screen-printed letters "ABC" and marked on the wiring diagrams with *.

For correct adaptation of the line, make the setting according to the following rule:
 - Maintain position "A" if the BUS enters and exits from the device;
 - Move to position "B" (if Elvox cable) or to position "C" (if CAT5 twisted pair cable) if the BUS line terminates in the device itself.



"A" = No termination
 "B" = Termination 100 Ohm
 "C" = Termination 50 Ohm

Installations with passive distributor 692D

ALWAYS use output 1 on distributor type 692D (the only one that has no termination jumper).

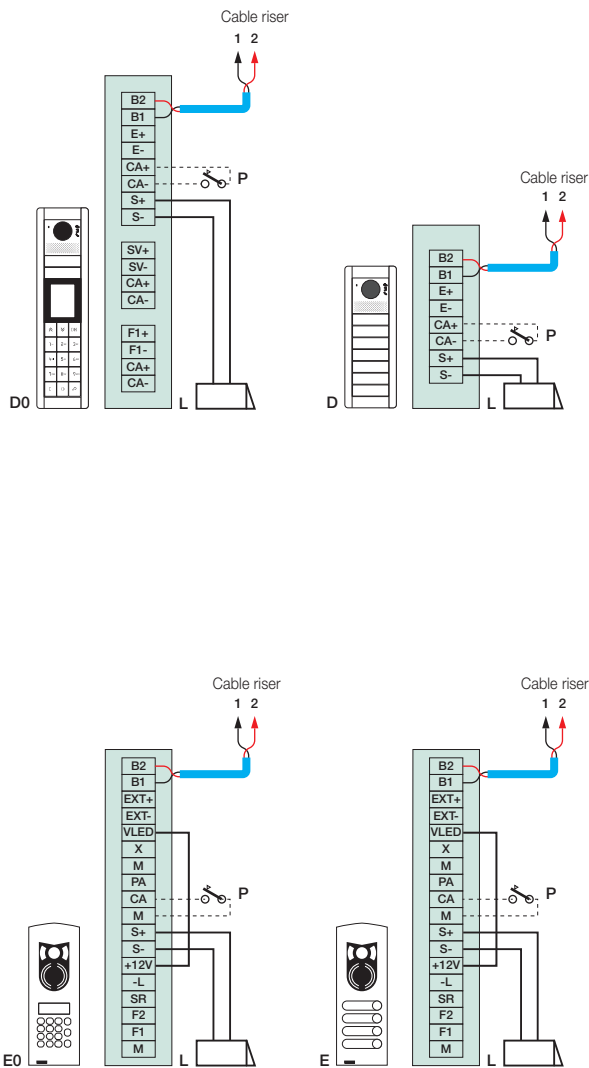
For termination of type 692D:

- If outputs "OUT", "2", "3" or "4" are not used, KEEP the jumper on the "TOUT", "T2", "T3" or "T4" connector.
- The default "TOUT" connector is in the "100" position (Elvox cable), position it to "50" only if using a CAT5 twisted pair cable.

Installations with active distributor 692D/2

The termination jumper must be positioned on "B" (for Elvox cable) or on "C" (for CAT5 twisted pair cable) IF AND ONLY IF the BUS terminates at the device itself. It must be left on "A" if effecting entry-exit using terminals 1-2 on 692D/2.

Due Fili Plus entrance panels terminals

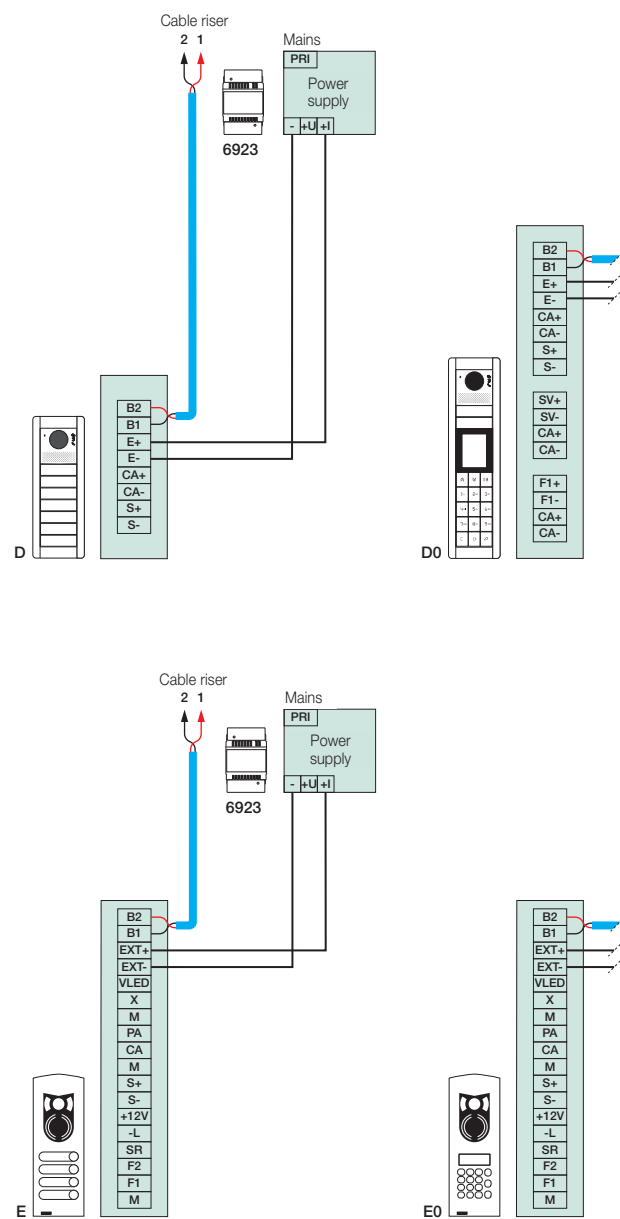


- D - Video entrance panel with push button Pixel series
- D0 - Alphanumeric video entrance panel Pixel series
- E - Video entrance panel with push button Series 1200, 1300, 8000, Patavium, Letterbox
- E0 - Alphanumeric video entrance panel Pixel series Series 1200, 1300, 8000, Patavium, Inox Flat
- L - Electric lock 12 V
- P - Open door command

Minimum conductor section (mm²)	
Electric lock	1,5 mm²
Other: -, +U, +I (β)	1 mm²

(β) the 6923 additional power supply must be installed as close as possible to the device to which is connected.

Auxiliary power supplies at entrance panel with 6923



- D - Video entrance panel with push button Pixel series
- D0 - Alphanumeric video entrance panel Pixel series
- E - Video entrance panel with push button Series 1200, 1300, 8000, Patavium, Letterbox
- E0 - Alphanumeric video entrance panel Pixel series Series 1200, 1300, 8000, Patavium, Inox Flat

Minimum conductor section (mm²)

Electric lock	1,5 mm²
Other: -, +U, +I (β)	1 mm²

(β) the 6923 additional power supply must be installed as close as possible to the device to which is connected.

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