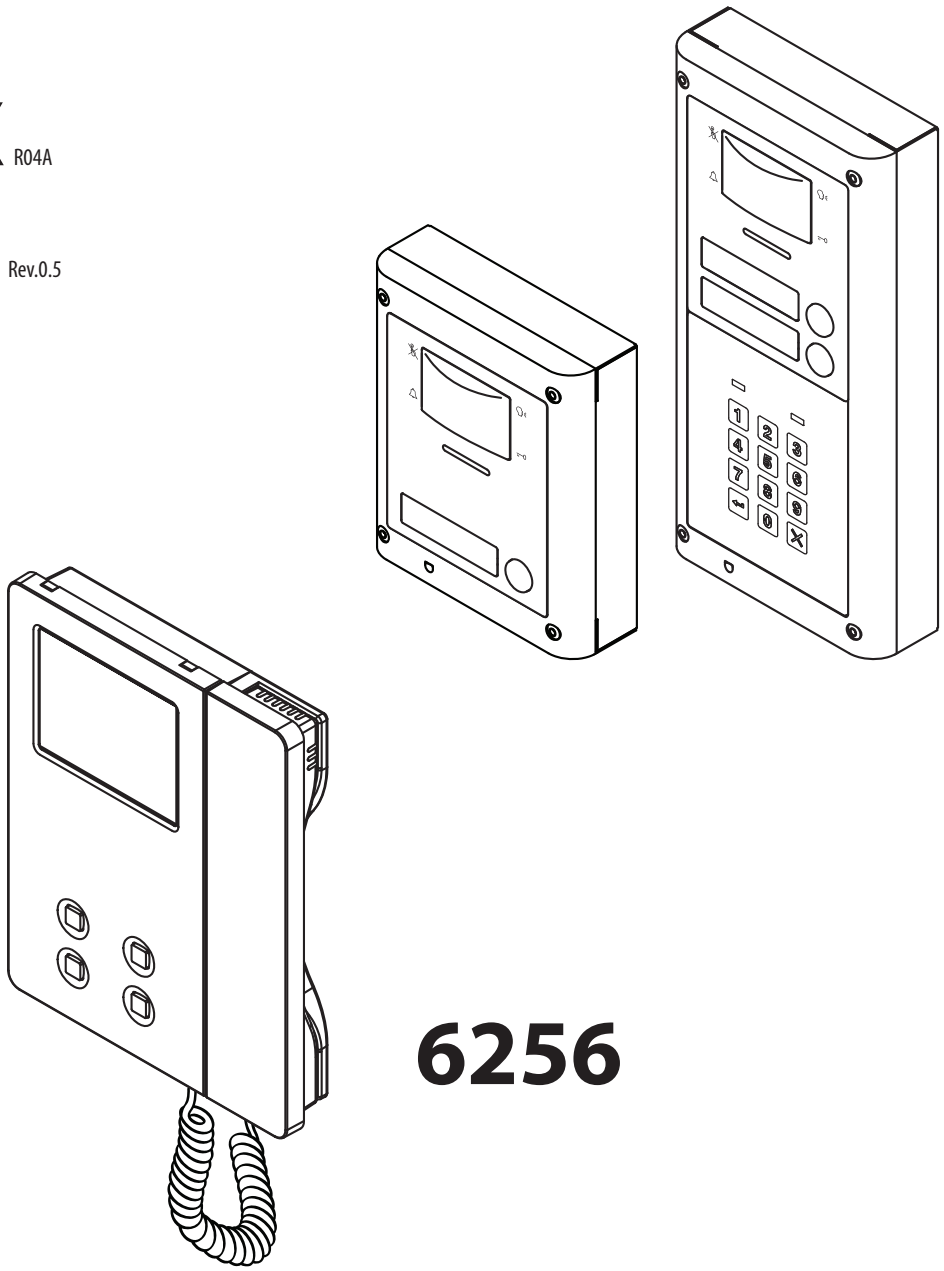
ENG

VIDEX
TECHNOLOGY FOR THE FUTURE

VIDEOKIT
VK4K/6256 SERIES
"6 Wire" bus one way, two way videokit

VK4K R04A
VK4KX R04A
VK4KC Rev.0.5



6256

Installation handbook

66250457-EN - V5.1 - 31/08/20

We recommend
This equipment is installed by a Competent Electrician, Security or Communications Engineer.

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NOTES AND SUGGESTIONS

- All diagrams refer to all kits versions: flush or surface.
- Dashed connections refer to optional connections ("Local bell", "Push to exit" & "Door monitor").
- Some diagrams show how to connect a 12Vdc electric lock: these directions are suitable for all diagrams in this manual.
- Each time a setting is changed on a videophone (address, extension, number of rings etc.), the videophone must be disconnected from the relevant connection board then after a few seconds reconnected again to allow the recognizing of the new setting.

DECLARATION OF RESPONSIBILITY

This manual has been written and revised carefully. The instructions and the descriptions which are included in it are referred to VIDEX parts and are correct at the time of print. However, subsequent VIDEX parts and manuals, can be subject to changes without notice. VIDEX Electronics S.p.A. cannot be held responsible for damages caused directly or indirectly by errors, omissions or discrepancies between the VIDEX parts and the Manual.

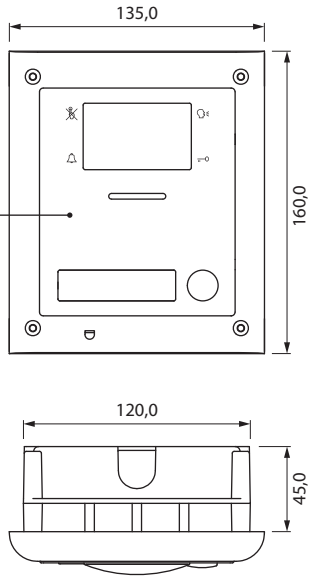
⚠ **WE RECOMMEND**
This equipment is installed by a Competent Electrician, Security on Communications Engineer

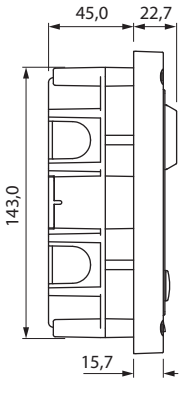
System components and available versions

VK4K/6256 Colour videokit.

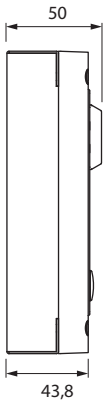
OUTDOOR STATION

Camera unit
Art. 4833
pag. 8



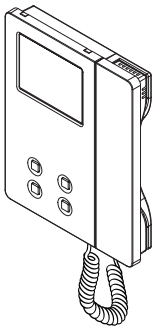


Flush Mounting



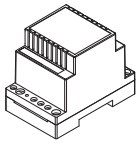
Surface Mounting

INDOOR STATION
Videophone
Art. 6256
pag. 20



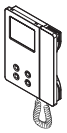
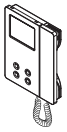
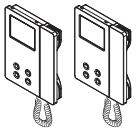
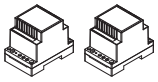
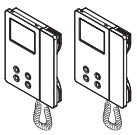
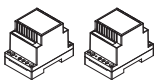
ACCESSORIES

Power supply
Art. 850K
pag. 5



Video distributor
Art. 316N
pag. 23

Fig. 1 - VK4K/6256 components (measures in mm)

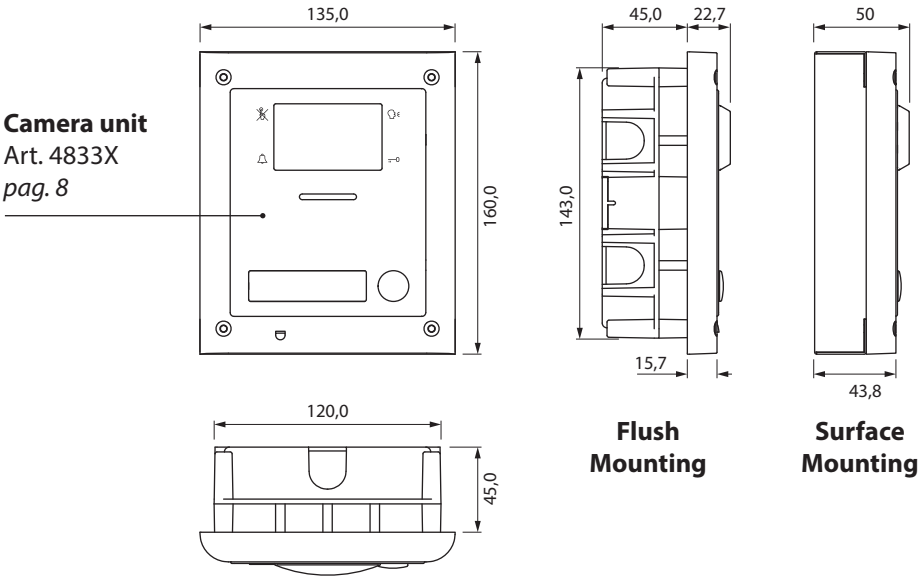
ONE WAY VERSIONS	**VK4K-1/6256 - flush mounting**		
	1 Outdoor station composed of: 1 Art. 4833-1: 1 button camera unit 1 Art. 4851: Flush mounting box	 **1 Colour videophone** Art. 6256	**1 Power supply** Art. 850K
	VK4K-1S/6256 - surface mounting		
	1 Outdoor station composed of: 1 Art. 4833-1: 1 button camera unit 1 Art. 4881: Surface mounting box	 **1 Colour videophone** Art. 6256	**1 Power supply** Art. 850K
TWO WAY VERSIONS	**VK4K-2/6256 - flush mounting**		
	1 Outdoor station composed of: 1 Art. 4833-2: 2 button camera unit 1 Art. 4851: Flush mounting box	 **2 Colour videophones** Art. 6256	 **2 Power supplies** Art. 850K **1 Video distributor** Art. 316N
	VK4K-2S/6256 - surface mounting		
	1 Outdoor station composed of: 1 Art. 4833-2: 2 button camera unit 1 Art. 4881: Surface mounting box	 **2 Colour videophones** Art. 6256	 **2 Power supplies** Art. 850K **1 Video distributor** Art. 316N

System components and available versions

VK4KX/6256 Colour videokit with embended proximity key reader.

OUTDOOR STATION

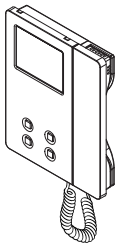
Camera unit
Art. 4833X
pag. 8



Flush Mounting **Surface Mounting**

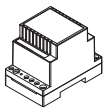
INDOOR STATION

Videophone
Art. 6256
pag. 20



ACCESSORIES

Power supply
Art. 850K
pag. 5

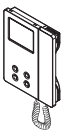
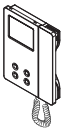
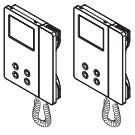
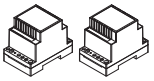
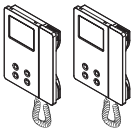
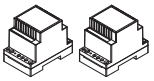


Video distributor
Art. 316N
pag. 23

Card format fob
Art. 955/C

Tag format fob
Art. 955/T

Fig. 2 - VK4KX/6256 components (measures in mm)

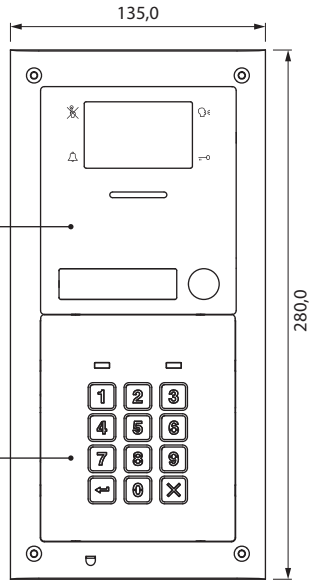
ONE WAY VERSIONS	**VK4KX-1/6256 - flush mounting**			
	1 Outdoor station composed of: 1 Art. 4833X-1: 1 button camera unit 1 Art. 4851: Flush mounting box	 **1 Colour videophone** Art. 6256	**1 Power supply** Art. 850K	**1 Card format fob** Art. 955/C **2 Tag format fobs** Art. 955/T
	VK4KX-1S/6256 - surface mounting			
	1 Outdoor station composed of: 1 Art. 4833X-1: 1 button camera unit 1 Art. 4881: Surface mounting box	 **1 Colour videophone** Art. 6256	**1 Power supply** Art. 850K	**1 Card format fob** Art. 955/C **2 Tag format fobs** Art. 955/T
TWO WAY VERSIONS	**VK4KX-2/6256 - flush mounting**			
	1 Outdoor station composed of: 1 Art. 4833X-2: 2 button camera unit 1 Art. 4851: Flush mounting box	 **2 Colour videophones** Art. 6256	 **2 Power supplies** Art. 850K **1 Video distributor** Art. 316N	**1 Card format fob** Art. 955/C **4 Tag format fobs** Art. 955/T
	VK4KX-2S/6256 - surface mounting			
	1 Outdoor station composed of: 1 Art. 4833X-2: 2 button camera unit 1 Art. 4881: Surface mounting box	 **2 Colour videophones** Art. 6256	 **2 Power supplies** Art. 850K **1 Video distributor** Art. 316N	**1 Card format fob** Art. 955/C **4 Tag format fobs** Art. 955/T

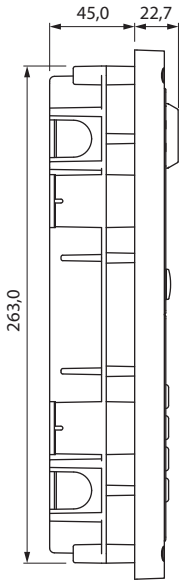
VK4KC/6256 Colour videokit plus a codelock module.

OUTDOOR STATION

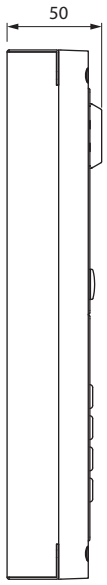
Camera unit
Art. 4833
pag. 8

Codelock module
Art. 4901
pag. 14



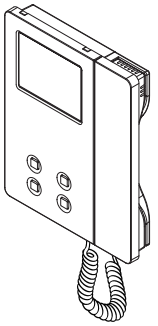


Flush Mounting



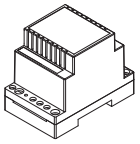
Surface Mounting

INDOOR STATION
Videophone
Art. 6256
pag. 20



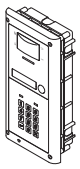
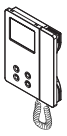
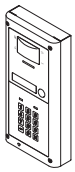
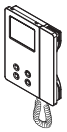
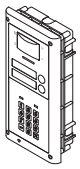
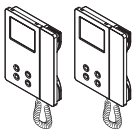
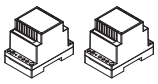
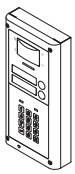
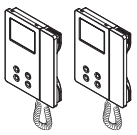
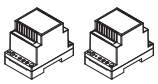
ACCESSORIES

Power supply
Art. 850K
pag. 5



Video distributor
Art. 316N
pag. 23

Fig. 3 - VK4KC/6256 components (measures in mm)

ONE WAY VERSIONS	**VK4KC-1/6256 - flush mounting**		
	 **1 Outdoor station** composed of: 1 Art. 4833-1: 1 button camera unit 1 Art. 4901: Codelock module 1 Art. 4852: Flush mounting box	 **1 Colour videophone** Art. 6256	**1 Power supply** Art. 850K
	VK4KC-1S/6256 - surface mounting		
	 **1 Outdoor station** composed of: 1 Art. 4833-1: 1 button camera unit 1 Art. 4901: Codelock module 1 Art. 4882: Surface mounting box	 **1 Colour videophone** Art. 6256	**1 Power supply** Art. 850K
TWO WAY VERSIONS	**VK4KC-2/6256 - flush mounting**		
	 **1 Outdoor station** composed of: 1 Art. 4833-2: 2 button camera unit 1 Art. 4901: Codelock module 1 Art. 4852: Flush mounting box	 **2 Colour videophones** Art. 6256	 **2 Power supplies** Art. 850K **1 Video distributor** Art. 316N
	VK4KC-2S/6256 - surface mounting		
	 **1 Outdoor station** composed of: 1 Art. 4833-2: 2 button camera unit 1 Art. 4901: Codelock module 1 Art. 4882: Surface mounting box	 **2 Colour videophones** Art. 6256	 **2 Power supplies** Art. 850K **1 Video distributor** Art. 316N

General directions for installation

CONNECTION TO MAINS

The system must be installed according to national rules in force, in particular we recommend to:

- Connect the system to the mains through an **all-pole circuit breaker** which shall have contact separation of at least 3mm in each pole and shall disconnect all poles simultaneously;
- The **all-pole circuit breaker** shall be placed for easy access and the switch shall remain readily operable.

POWER SUPPLY INSTALLATION

- Remove the terminal side covers by unscrewing the retaining screws;
- Fix the power supply to a DIN bar or directly to the wall using two expansion type screws;
- Switch off the mains using the circuit breaker mentioned above and then make the connections as shown on the installation diagrams;
- Check the connections and secure the wires into the terminals;
- Replace the terminal covers and fix them using the relevant screws;
- After completing the wiring, double check all connections then restore the mains.

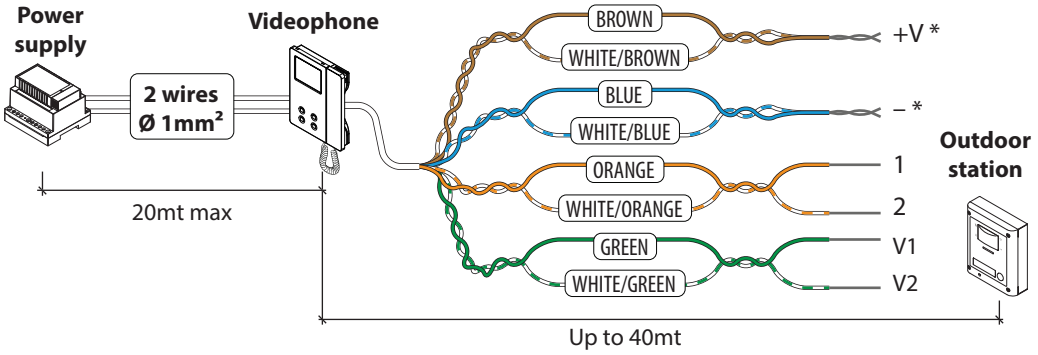
CABLE SIZE

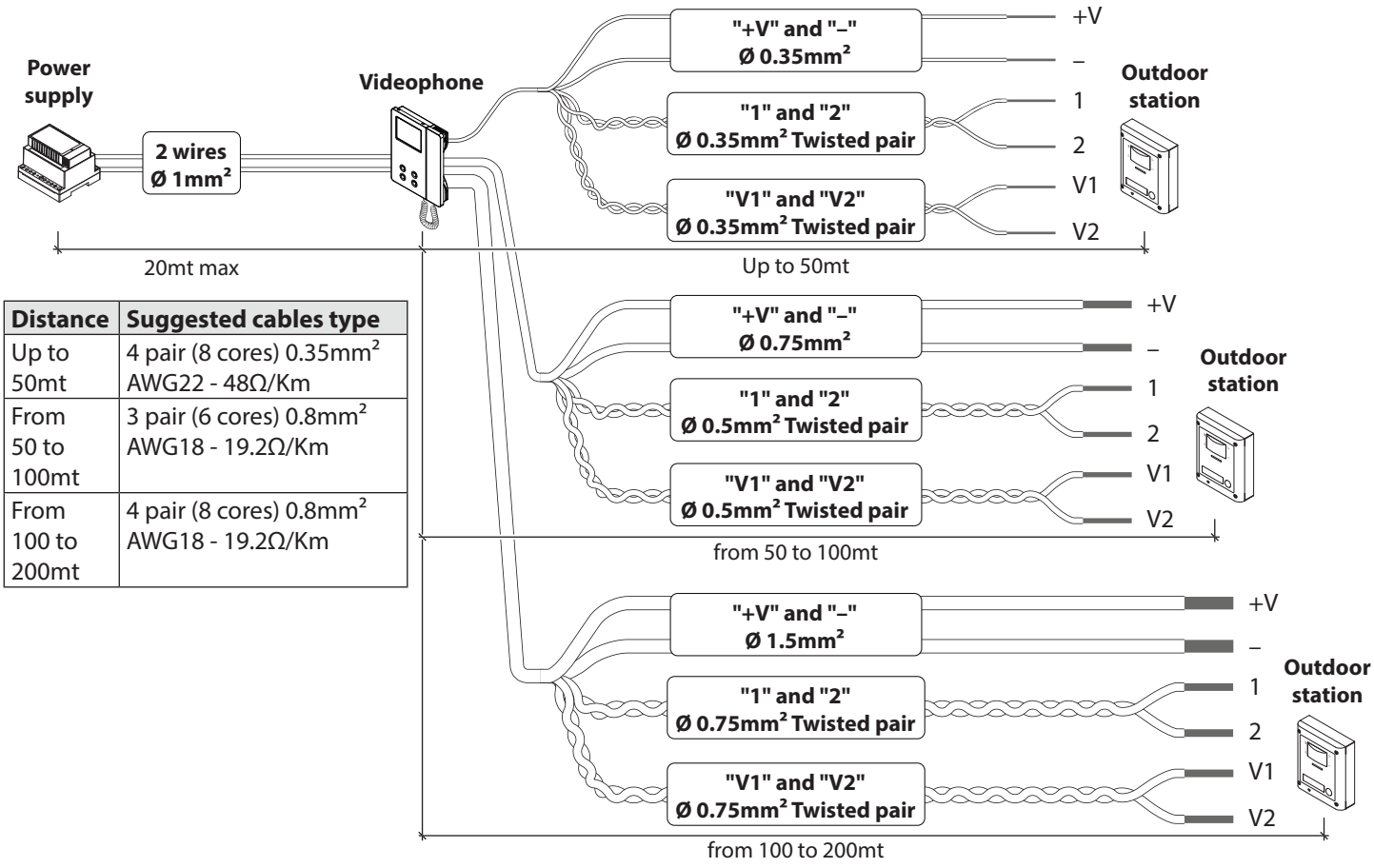
Video connections and Audio connections must be wired in twisted pair: pair the video lines (terminals/signals V1 and V2), pair the audio lines (terminals /signals 1 and 2).

⚠ **IMPORTANT NOTE: SOLID COPPER CABLES MUST BE USED. COPPER COATED STEEL (CCS) AND COPPER COATED ALUMINIUM (CCA) CAN NOT BE USED ON THE SYSTEM.**

Distance	Suggested cables type
Up to 40mt	CAT5/CAT6 FTP/UTP/CW1308 AWG24/0.22mm²

* Double up the two wires to increase the cross section and reduce the resistance.





Distance	Suggested cables type
Up to 50mt	4 pair (8 cores) 0.35mm² AWG22 - 48Ω/Km
From 50 to 100mt	3 pair (6 cores) 0.8mm² AWG18 - 19.2Ω/Km
From 100 to 200mt	4 pair (8 cores) 0.8mm² AWG18 - 19.2Ω/Km

Troubleshooting guide

In case of system failure, try the following preliminary checks:

- Check that the cables are connected as shown in the installation diagram and that the cables are firmly fixed into the relevant terminals;
- Check that the mains voltage is available on terminals 230Vac (or 127Vac) and 0 of the power transformer Art. 850K;
- Check the 24Vac voltage output of the power transformer Art. 850K. If this voltage is not available it could be the 1,6A fuse, in this case remove the mains voltage, remove possible short-circuits or overload sources then replace the fuse with an equal or equivalent one.
- Check that the voltage between the terminals **+** and **–** of the speaker unit is between 16 and 20Vdc.

If the problem persists try the tests in the following table or contact technical support.

SYMPTOM	CAUSE	SOLUTION
The door station is not able to call the extension (the bell LED is switched on for 2 seconds):	• Wrong connection between door station and the videophone • Cable size too small. • Programmed videophone address incorrect. • You have changed the videophone address without powering down the system.	• Check the 6 common wire connections especially wire **1** (speech line/data). • Increase cable size or double up using two wires for each connection. • Check videophone address on dip-switches. • Power down the system then power up again to detect the new videophone address.
External call works but when answered the communication fails:	• Cable size too small.	• Increase cable size or double up using two wires for each signal.
During the conversation it is not possible to open the door:	• Cable size too small.	• Increase cable size or double up using two wires for each signal.
During the conversation it is not possible to open the door but the key LED on the door station switches on for the programmed time:	• Incorrect position of **J2** jumper. • Electric lock wires unconnected or in short. • Wrong electric lock type.	• Check **J2** position on the door station. • Check connection. • Check that the electric lock type (ac or dc) is suitable for the J2 position chosen.
Speech only from outside to inside:	• Wire **2** broken or in short.	• Check connection of wire **2**.
Low volume of speech:	• Volume trimmers of door station require adjustment.	• Adjust the trimmers until the required volume is reached.
Noise over the speech line during the conversation:	• The 6 common wires are cabled together with 230 or 380Vac power lines. • The 6 common wires are cabled together with 24Vac videophone power supply wires.	• Separate the 6 common wires from the high voltages cables. • Separate the 6 common wires from the two 24Vac wires or cable them together only for a short distance.
Camera recall service does not work:	• Camera recall button pressed for a number of times different from the ID of the door station to be switched on.	• Check the ID (1..4) of the door station to be recalled and press the camera recall button as many time as the ID value.
Intercommunicating call does not work:	• "Key" button pressed for a number of times different from the videophone address value.	• Check the address of the videophone you are calling and try again.
The video shown on the monitor is of a bad quality and the image is distorted or double	• **V1,V2** signals unconnected, reversed or shorted. • The switches of the two way dip-switch are not both in ON position. • **V1,V2** of the last Art. 316N (if present) not closed with 75 Ohm resistor.	• Check that the wires are not broken or shorted. • Set both switches to the ON position. • Use 2x 75 Ohm resistors to connect **V1** & **V2** to 0V.
Local call does not work:	• Wrong connection or call button broken.	• Check connection or replace the button.

Art. 4833/4833X Speaker unit

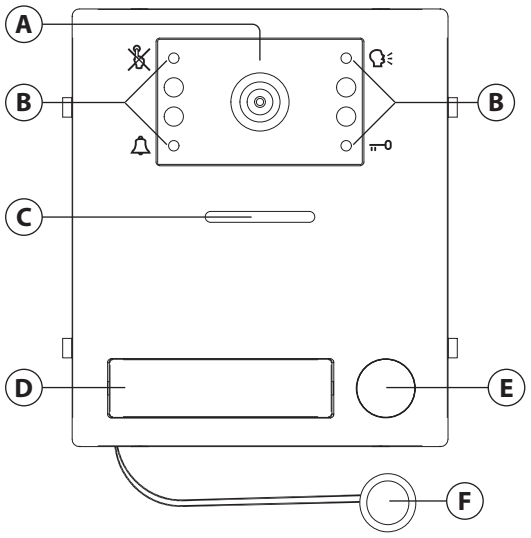


Fig. 1 Front

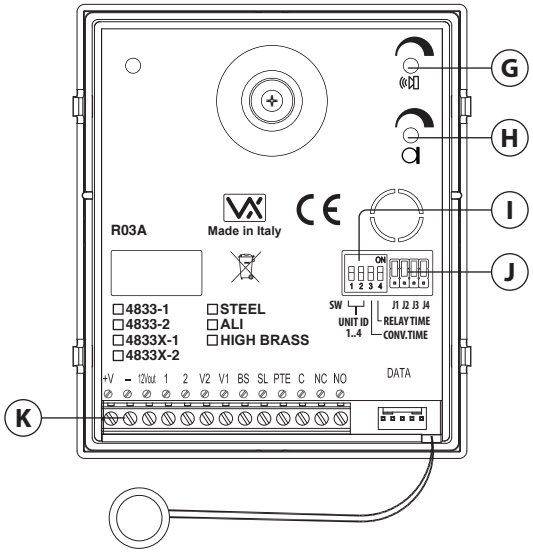
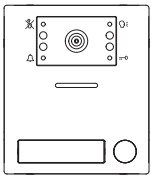


Fig. 2 Back

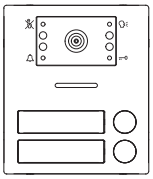
DESCRIPTION

Speaker unit module comprising of high quality auto iris colour camera with white light illumination LEDs.

AVAILABLE VERSIONS



Art. 4833-1
Art. 4833X-1



Art. 4833-2
Art. 4833X-2

LEGEND

- (A) Camera with illumination LEDs
- (B) Operation LEDs
- (C) Loudspeaker
- (D) Card name holder with built-in proximity reader (only for Art. 4833X versions)
- (E) Call push button (1 or 2 depending on the model)
- (F) Microphone
- (G) Loudspeaker volume
- (H) Microphone volume
- (I) 4 way dip-switch
- (J) Jumpers
- (K) Connection terminals

LEDS

	When illuminated, indicates that it is not possible to make a call because a call or a conversation is in progress (from the outdoor station from which you are calling or from another outdoor station on systems with multiple entrances). The LED will be off when the system is in stand-by.
	If illuminated, indicates that the call from the outdoor station is in progress. The LED will switch OFF when the call is answered or after the programmed number of rings.
	If illuminated, indicates that it is possible to speak because the call has been answered. The LED will switch OFF at the end of a conversation (or at the end of the conversation time).
	If illuminated, indicates that the door lock has been activated. It will switch OFF at the end of the programmed "door opening" time.

CONTROLS

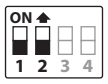
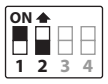
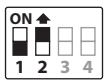
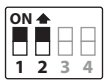
	Loudspeaker volume Adjust the loudspeaker volume. Rotate clockwise to increase or anti-clockwise to decrease
	Microphone volume Adjust the microphone volume. Rotate clockwise to increase or anti-clockwise to decrease

SETTINGS

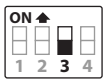
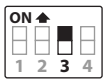
4 WAY DIP-SWITCH

First two switches are used to set the speaker unit address: the speaker unit address is required for camera recall operation on 2 or more entrance systems.

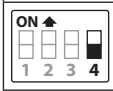
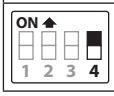
UNIT ADDRESS

Switch	Nr.1	Nr.2	Setting up
	OFF	OFF	= 1
	ON	OFF	= 2
	OFF	ON	= 3
	ON	ON	= 4

CONVERSATION TIME

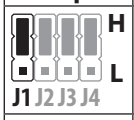
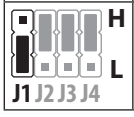
Switch	Nr.3	Setting up
	OFF	= 60 seconds
	ON	= 120 seconds

DOOR OPENING TIME (J2 = "L" POSITION)

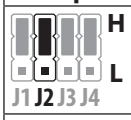
Switch	Nr.4	Setting up
	OFF	= 2 seconds
	ON	= 6 seconds

JUMPERS

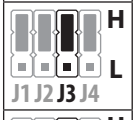
J1 - CALL REASSURANCE TONE VOLUME

Jumper	Setting up
	High
	Low

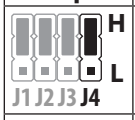
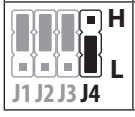
J2 - DOOR OPEN RELAY OPERATING MODE

Jumper	Setting up
	Capacitor discharge
	Dry contacts

J3 - CALL BUTTONS OPERATING MODE (ONLY FOR ART. 4833)

Jumper	Setting up
	Both buttons call the same video-phone (Address 1)
	Each button calls a different videophone

J4 - BUILT-IN RELAY – BACK EMF PROTECTION (MOV)

Jumper	Setting up
	NC contact
	NO contact

BUILT-IN RELAY – BACK EMF PROTECTION

The Art. 4833 includes selectable back EMF protection on the relay. The jumpers marked J4 is used to select the protection type. When using a fail secure lock with connections C & NO the jumper should be in the NO position. When using a fail open lock with connections C & NC the jumper should be in the NC position and when used to trigger a gate controller or another third party controller the jumper should be removed completely (This disables the protection on the relay).

LOCK RELEASE BACK EMF PROTECTION

A varistor must be fitted across the terminals on AC lock release **(Fig. 3)** and a diode must be fitted across the terminals on a DC lock release **(Fig. 4)** to suppress back EMF voltages. Connect the components to the lock releases as shown in figures.

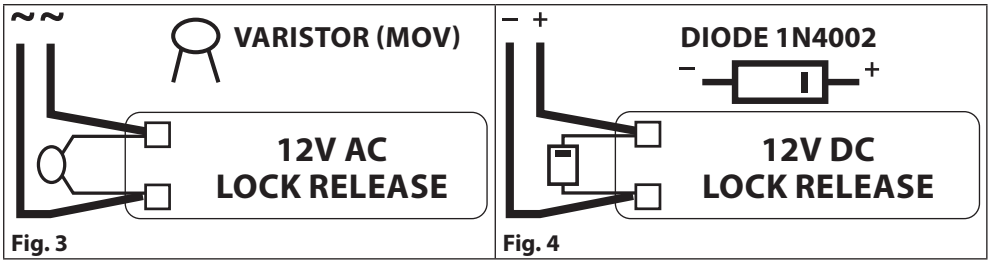


Fig. 3 Fig. 4

PROGRAMMING TAGS (ONLY FOR ART. 4833X)

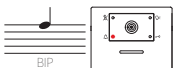
MASTER CARD

The module is supplied with a master card. The master card is preprogrammed in the factory.
The card is used to add and delete user access tags.
If the master card is lost, a new one will need to be created using the procedure detailed further on in this manual. In this instance, it will be necessary to reprogram all the user tags. The module allows to store up to 30 user tags.
Note: *when the master card is required, place it in front of the reader so that the middle of the card is in front of the middle of the card name holder.*

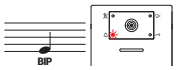
PROGRAMMING USERS TAG

The user tags can be programmed on the module using the master card to access the programming mode:

1. Place the master card in front of the tag reader.
   ↪ The module emits one high-pitched **"beep"** sound and the LED illuminates



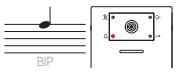
2. Press the call button (the lower call button in the case of a 2-button external module) "n" times where n is a value between 1 and 30 and specifies the tag number.
   ↪ On each press the module emits a low-pitched **"beep"** sound and the LED flashes.



Note: the external module emits a low-pitched continuous **"beeping"** sound if an already programmed location is selected.

3. When the desired memory location is reached the LED starts flashing waiting for a tag.

4. Place the user tag to be programmed in front of the tag reader.
   ↪ The module emits a low-pitched **"beep"** sound, the tag is programmed. The LED stops flashing and remains illuminated.



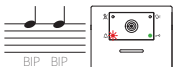
Note: the module emits a low-pitched continuous **"beeping"** sound if an already programmed location is selected.

5. Repeat steps 2 to 4 for to program further tags.
6. To exit programming mode:
   » Place the master key in front of the tag reader, or
   » Wait 10 seconds.
   ↪ The module emits two low-pitched **"beep"** sounds indicating it is back in normal operating mode.

USING TAGS

Place a tag in front of the tag reader:

↪ If the tag is programmed, the external module emits two high-pitched **"beep"** sounds and activates the relay. The LED flashes twice and the LED illuminates for the door opening time.

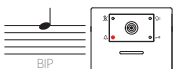


↪ If the tag is not programmed, the external module emits two low-pitched **"beeping"** sounds.

DELETING A SINGLE USER TAG

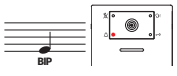
The master card is required to delete a user.

1. Place the master key in front of the tag reader.
   ↪ The module emits one high-pitched **"beep"** sound and the LED illuminates.



2. Press and hold the call button (the lower call button in the case of an external 2-button module).
   ↪ The module emits a low-pitched **"beeping"** sound then after 1-2 seconds emits a high-pitched **"beep"** sound and the LED starts flashing, release the call button.

3. Press the call button (the lower call button in the case of a 2-button external module) "n" times where n is a value between 1 and 30 and specifies the memory location to delete.
   ↪ On each press the module emits a low-pitched **"beep"** sound and the LED stops flashing.

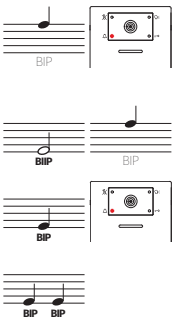


4. When the LED restarts flashing, place the master card in front of the tag reader.
   ↪ The module emits two high-pitched **"beep"** sounds then the module exits programming mode.

DELETING ALL USER TAGS

The master card is required to delete all user tags together.

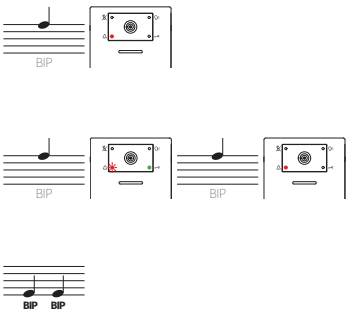
1. Place the master card in front of the tag reader.
   ↪ The module emits one high-pitched **"beep"** sound and the LED illuminates.
2. Press and hold the call button (the lower call button in the case of an external 2-button module).
   ↪ The module emits a low-pitched **"beeping"** sound then after 1-2 seconds emits a high-pitched **"beep"** sound and the LED starts flashing, release the call button.
3. Press and hold the call button (the lower call button in the case of a 2-button module).
   ↪ The module emits a low-pitched **"beep"** sound and the LED stops flashing.
4. Place the master card in front of the tag reader while keeping the button pressed.
   ↪ The module emits two low-pitched **"beep"** sounds then the module exits programming mode.



IDENTIFYING A TAG

The master card is required to identify a programmed tag.

1. Place the master card in front of the tag reader.
   ↪ The module emits one high-pitched **"beep"** sound and the LED illuminates.
2. Place the tag to identify in front of the tag reader.
   ↪ The module emits one high-pitched **"beep"** sound then the LED flashes for a number of times that corresponds to the key number then the module emits another high-pitched **"beep"** sound and the LED remains fixed on.
3. Repeat step 2 to identify other tags.
4. To exit programming mode:
   » Place the master key in front of the tag reader, or
   » Wait 10 seconds.
   ↪ The module emits two low-pitched **"beep"** sounds to indicate it is back in normal operating mode.

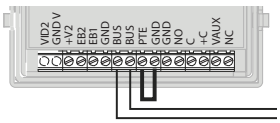


REPROGRAMMING A MASTER CARD

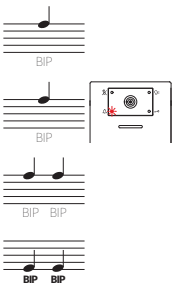
⚠ The following procedure will delete all user tags.

If the master card is lost or damaged, a new one can be programmed using the following procedure:

1. Switch off the power.
2. Open the external module frame.
3. Bridge the **PTE** and **GND** terminals or press and hold down the "push to exit" button, if this is wired to the external module (refer to the module's instructions).



4. Switch the power back on.
   ↪ The module emits a high-pitched **"beep"** sound.
5. Remove the short between the **PTE** and **GND** terminals or release the "press to exit" button.
   ↪ The module emits a high-pitched **"beep"** sound and the LED starts flashing.
6. Place the master tag in front of the tag reader.
   ↪ The module emits two high-pitched **"beep"** sounds, then two low-pitched **"beep"** sounds, the master tag is programmed, all user tags have been deleted and the module exits programming mode.

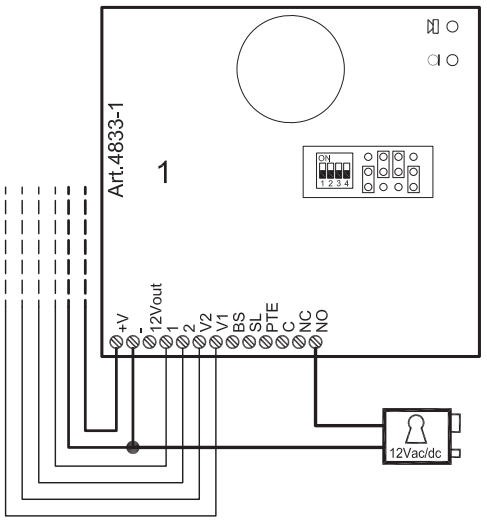


HOW TO CONNECT ELECTRIC LOCK

The "door-open" relay can operate either as "dry contact" or "capacitive discharge" mode.

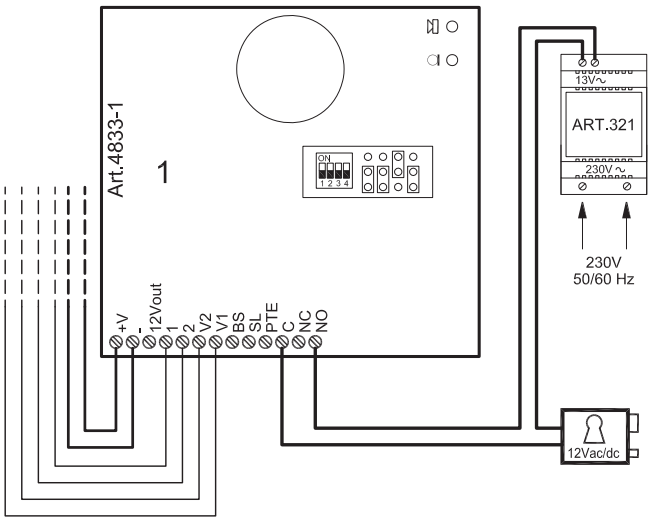
- In "dry contact" operation mode the relay works in a traditional way, a power supply or a power source is needed to operate the lock (12-24Vac/dc 2A max), and activation lasts according to the door opening time programmed.
- In "capacitive discharge" operation mode the relay's contacts, when active, supply directly the lock (12Vac/dc 1A max) for a moment. You don't need a power supply for the lock and the door opening time programmed does not affect the activation time.

A possible deterioration of the mechanical performance of the electric lock, might cause the "capacitive discharge" to malfunction in time. In case the electric lock is used in very dusty environments or in peculiar climate conditions, we suggest to use the lock in dry contact mode.



12Vac/dc 1A Max

Fig. 5 Using capacitive discharge



12Vac 1.6A Max using Art. 321
24Vac/dc 2A Max using other power supplies

Fig. 6 Using separate P.S.U.

ADHESIVE GASKET PLACEMENT

Apply the (Y) seal as shown in **Fig. 7**.

ANTI-TAMPERING LOCKS FIXING

Fit the anti-tampering locks (W) as shown in **Fig. 8**.

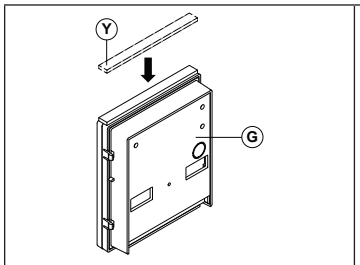


Fig. 7

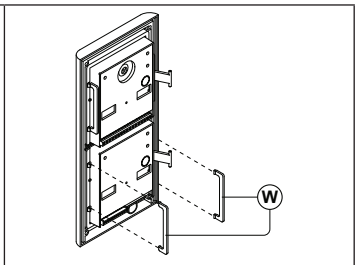


Fig. 8

HOW TO REMOVE/INSERT THE CARD NAME HOLDER

- To avoid damage to the module front plate, mask the side that will be in contact with the screwdriver blade;
- Insert the screwdriver (flat side) into the card-holder hole as shown in **Fig. 9**;
- Move the screwdriver to the left as shown in **Fig. 10** to extract the card name holder;
- Edit the card name then replace it inside the holder and refit: insert the holder inside its housing from the left or right side then push the other side until it clips into place.

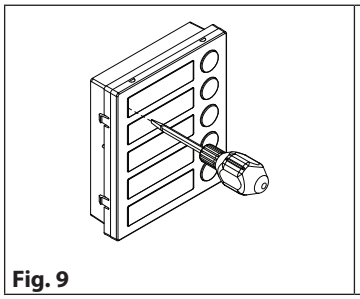


Fig. 9

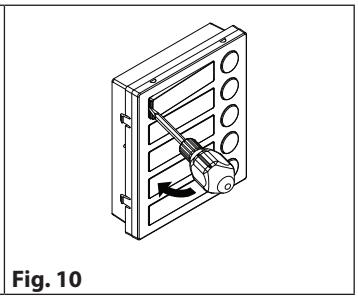
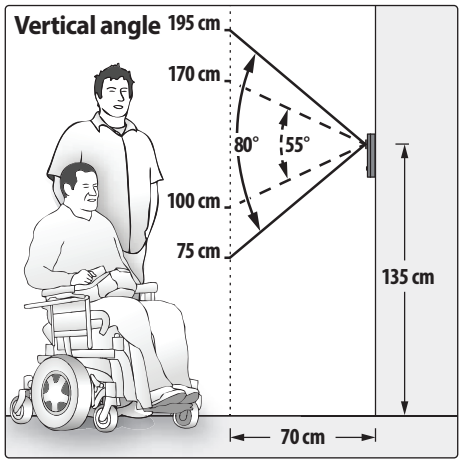


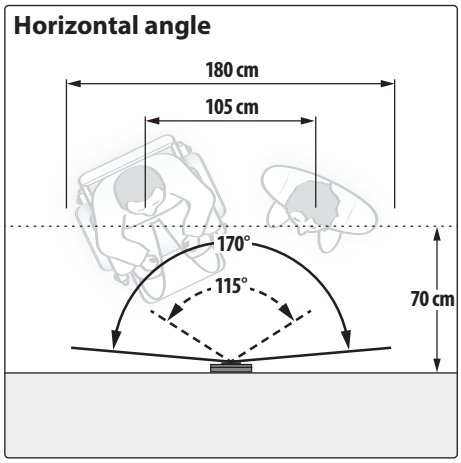
Fig. 10

CAMERA NOTES

FIELDS OF VIEW

The fields of view for standard camera are 55° for vertical angle and 115° for horizontal angle while for Wide Angle camera are 80° for vertical angle and 170° for horizontal angle.

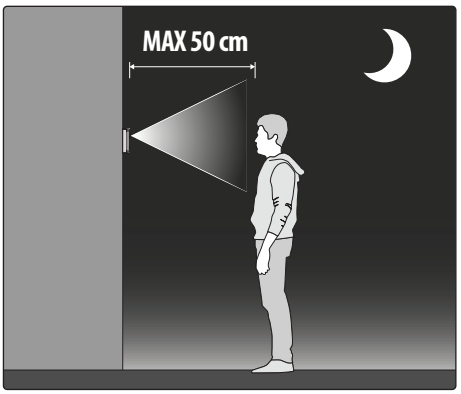




– – – – Standard camera ——— Wide Angle camera

MAXIMUM ILLUMINATION DISTANCE FROM CAMERA AT NIGHT

The illumination LED's within the camera will illuminate the visitor when they are within 50 cm of the camera.



CONNECTION TERMINALS SIGNALS

+V	Power input 16÷20Vdc	
–	Power input ground	
12Vout	12Vdc. 0,3A max. output to supply accessories	
1	Speech line input toward the loudspeaker and data signal (approx. 12V in stand-by, approx. 5V with a conversation in progress)	
2	Speech line output from the microphone (approx. 12V in stand-by, approx. 3V with a conversation in progress)	
V1	Balanced video signal sync.–	
V2	Balanced video signal sync.+	
BS	Input/Output busy signal (approx. 12V in stand-by, approx. 0V with a call in progress)	
SL	Active low output to enable the enslavement relay for video signal exchange (active with a call in progress)	
PTE	Active low input to control directly the door open relay	
C	Door open relay common contact	**Max 24Vdc, 3A when used as dry contacts relay**
NC	Door open relay normally closed contact	
NO	Door open relay normally open contact	

TECHNICAL SPECIFICATION

Power Supply: Supplied by the BUS line, 20Vdc
Power consumption: Stand-by: 70mA
Operating: 250mA
Working Temperature: -10 +50° C

CLEANING OF THE PLATE

Use a clean and soft cloth. Use moderate warm water or non-aggressive cleansers.

Do not use:

- abrasive liquids;
- chlorine-based liquids;
- metal cleaning products.

Art. 4901 Digital codelock module

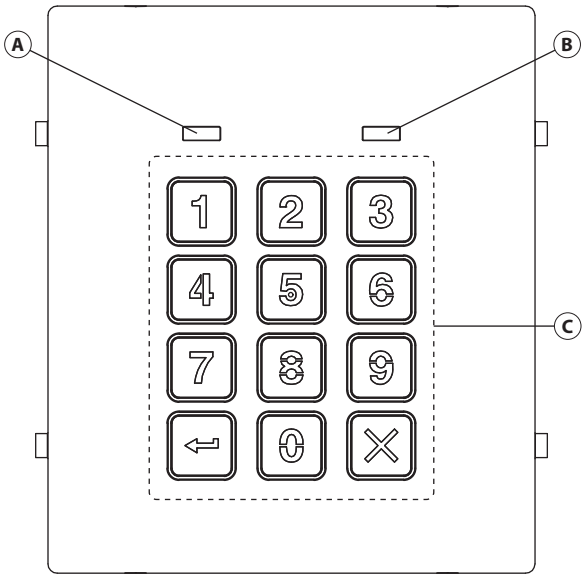


Fig. 1 Front

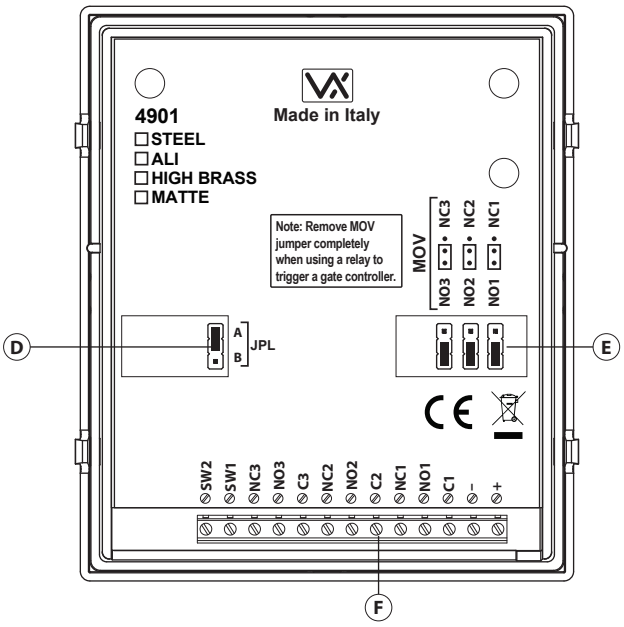


Fig. 2 Back

DESCRIPTION

The Art.4901 is manufactured from 316 grade brushed stainless steel and the module features 12 stainless steel buttons, backlit in blue (Keys **0 - 9**, **ENTER** and **CLEAR**) and 2 LED's for progress information during use and programming. With three integral relays each with common, normally open and normally closed connections and two inputs to enable the external triggering of relays one and two (for example, push to exit button). Key presses are signalled both acoustically and visually while each button press has a tactile feel. Entering the correct code followed by **ENTER** will activate the relevant relay. Programming is carried out through the same keypad following a simple programming menu. The module can be combined with other 4000 Series modules in an audio or video intercom system.

LEGEND

- (A) Green LED
- (B) Red LED
- (C) Backlit keypad
- (D) JPL jumper
- (E) MOV jumpers
- (F) Connection terminals

MAIN FEATURES

- 3 **C**, **NC**, **NO** relay outputs (24Vac/dc – 5A max);
- 3 Programmable secret codes (one for each relay);
- Each relay can be set to be activated for a specific time (01 to 99 seconds) or to work as latch;
- Two active low inputs to command directly the relay 1 and 2;
- Programming menu guarded by a 4-8 digit programmable engineer's code;
- Visual and Acoustic signal during operating and programming;
- Keypad illumination LEDs;

GENERAL DIRECTIONS FOR INSTALLATION

In order to achieve the best results from the schematics described it is necessary to install only original VIDEX equipment, strictly keeping to the items indicated on each schematic and follow these General Directions for Installation:

- The system must be installed according to national rules in force, in any case the running of cables of any intercom unit must be carried out separately from the mains;
- All multipair cables should be compliant to CW1308 specification (0.5mm twisted pair telephone cable).
- Cables for speech line and service should have a max resistance of 10 Ohm
- Lock release wires should be doubled up (Lock release wires and power supply wires should have a max resistance of 3 Ohm);
- The cable sizes above can be used for distances up to 50m. On distances above 50m the cable sizes should be increased to keep the overall resistance of the cable below the RESISTANCES indicated above;
- Double check the connections before power up;
- Power up the system then check all functions.

LOCK RELEASE BACK EMF PROTECTION

A varistor must be fitted across the terminals on AC lock release **(Fig. 5)** and a diode must be fitted across the terminals on a DC lock release **(Fig. 4)** to suppress back EMF voltages. Connect the components to the lock releases as shown in figures.

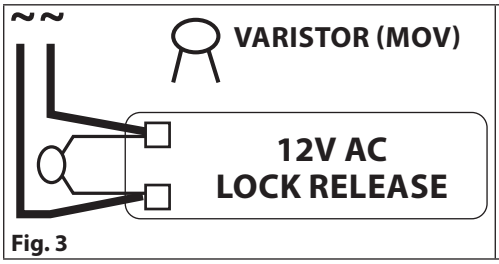


Fig. 3

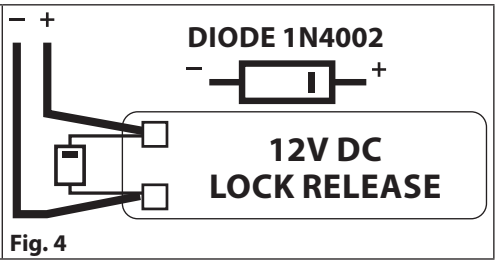


Fig. 4

BUZZER BACK EMF

When using intercoms with buzzer call (Art. 924/926, SMART1/2, 3101/2, 3001/2 and 3021/2) add one 0.1uF (100nF) capacitor between terminals 3 and 6 on the telephone.

BUILT-IN RELAYS – BACK EMF PROTECTION

The Art. 4901 includes selectable back EMF protection on the relays. The jumpers marked **MOV** (one jumper for each relay) are used to select the protection type. When using a fail secure lock with connections **C** & **NO** the jumper should be in the **NO** position. When using a fail open lock with connections **C** & **NC** the jumper should be in the **NC** position and when using the codelock to trigger a gate controller or another third party controller the jumper should be removed completely (this disables the protection on the relay).

BACK LIGHT ADJUSTMENT JUMPER (JPL)

The jumper JPL (**Fig. 2**, Ⓓ) is used to adjust the brightness and determine the operation of the backlit buttons. There are four brightness settings for the backlit buttons and two programming modes (Mode 1 and 2) for the jumper.

The two modes that can be programmed change the functionality of the jumper **JPL**. The table beside indicates the programming mode, the position of the jumper and the operation of the backlit buttons.

	Jumper Position		Back light Operation
Mode 1	**A (default)**	A B	Back light on low brightness in standby. Full brightness when any buttons are pressed.
Mode 1	**B**	A B	Back light OFF in standby. Full brightness when any buttons are pressed.
Mode 2	**A or B**	A B or A B	Back light on full brightness all of the time.
	JPL removed in either Mode	A B	No back light, the back light is completely disabled.

PROGRAMMING MODE 1 (DEFAULT MODE, JPL = A)

Follow the steps below to set the codelock to Mode 1:

1. Disconnect the power from the Art. 4901 codelock;
2. Short out terminals **–** and **SW2**;
3. Press and hold down button **1** [1] and keep it pressed down while the power is switched back ON;
4. When power is restored to the codelock wait for the module to emit a single beep and the red status LED (**Fig. 1**, Ⓑ) to flash once;
5. Listen for the confirmation tone and wait for the red status LED (**Fig. 1**, Ⓑ) to flash once again;
6. Release button **1** [1] and remove the short between terminals **–** and **SW2**;
7. Set the jumper **JPL** to the desired position.

PROGRAMMING MODE 2

Follow the steps below to set the codelock to Mode 2:

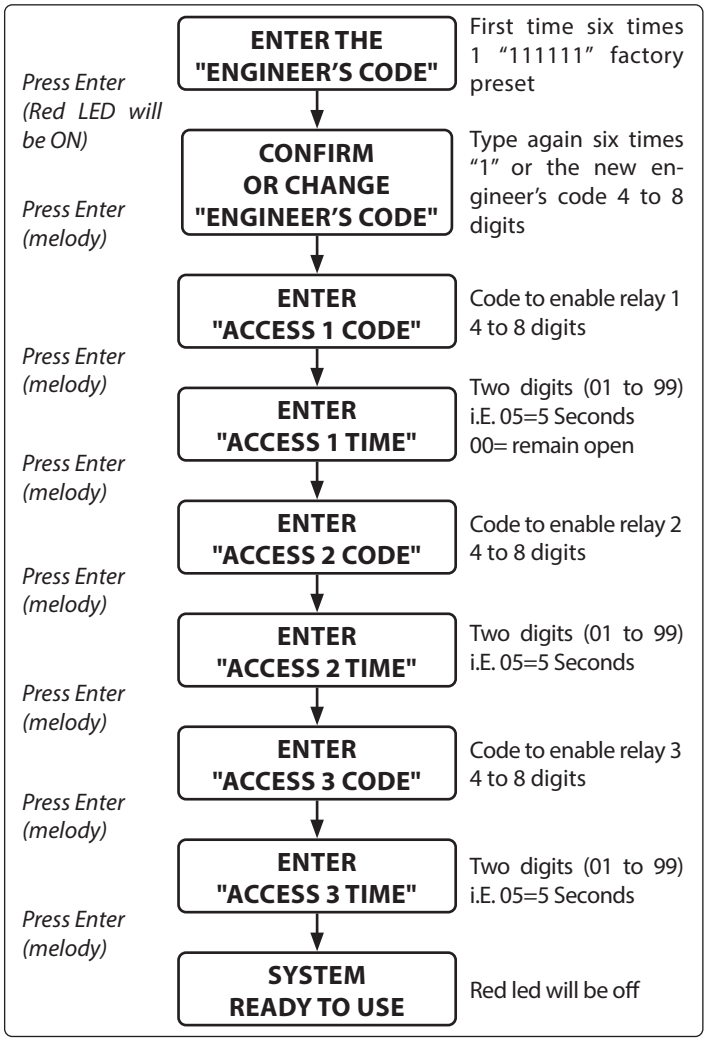
1. Disconnect the power from the Art. 4901 codelock;
2. Short out terminals **–** and **SW2**;
3. Press and hold down button **2** [2] and keep it pressed down while the power is switched back ON;
4. When power is restored to the codelock wait for the module to emit a double beep and the red status LED (**Fig. 1**, Ⓑ) to flash once;
5. Listen for the confirmation tone and wait for the red status LED (**Fig. 1**, Ⓑ) to flash once again;
6. Release button **2** [2] and remove the short between terminals **–** and **SW2**;
7. Set the jumper **JPL** to the desired position.

BACK LIGHT AND BUTTON OPERATION

If the back light programming mode is set to Mode 1 (with jumper **JPL** in either the **A** or **B** position) when a button is pressed on the keypad the back light will switch to full brightness for approximately 10 seconds.
After this time the back light will either switch OFF or switch back to low brightness (depending on the jumper position) unless another button has been pressed within the 10 second period in which case the back light will stay on full brightness for a further 10 seconds.
The exception to this is if the back light programming mode is set to Mode 2, **i.e.** the back light will be on full brightness all of the time or if the jumper is removed the back light will be disabled.

PROGRAMMING

- Enter the **ENGINEER'S CODE**: first time type six times **1** (**111111** factory preset) and press **ENTER** (The red LED will illuminate);
- Confirm **ENGINEER'S CODE** (typing again the same) or type the new code (4 to 8 digits) then press **ENTER** (Melody). Pressing twice the **ENTER** button without changing the **ENGINEER'S CODE**, will exit from the programming;
- Enter the code (4 to 8 digits) to enable **RELAY 1** or re-enter the existing code then press **ENTER** (Melody);
- Enter the **RELAY 1** operation time (2 digits 01 to 99 **I.E.** 05=5 seconds, 00= remain open time) or re-enter the existing time then press **ENTER** (Melody);
- Enter the code (4 to 8 digits) to enable **RELAY 2** or re-enter the existing code then press **ENTER** (Melody);
- Enter the **RELAY 2** operation time (2 digits 01 to 99 **I.E.** 05=5 seconds, 00= remain open time) or re-enter the existing time then press **ENTER** (Melody);
- Enter the code (4 to 8 digits) to enable **RELAY 3** or re-enter the existing code then press **ENTER** (Melody);
- Enter the **RELAY 3** operation time (2 digits 01 to 99 **I.E.** 05=5 seconds, 00= remain open time) or re-enter the existing time then press **ENTER** (Melody);
- The system is ready to use (the red LED will be off).



PROGRAMMING NOTES

- After pressing enter following a command, press **ENTER** a further twice to exit the programming menu.

RETURN SYSTEM TO PRESET ENGINEER'S FACTORY CODE

- Turn off power to code lock;
- Keep **ENTER** button pressed while turning the power back on;
- Release **ENTER** button;
- The engineer's code is now set to **111111** (six times one).

OPERATION

- Type in the programmed code and press **ENTER**;
- If the code is correct, the green LED will illuminate for approx. 2 seconds and the relay relevant to the code will operate for the programmed time;
- If a wrong code is entered, a continuous melody will sound for 4 or more seconds, according to the number of mistakes;
- To switch off any relay while operating, type in the relevant code then press the **CLEAR** button;

OPERATION NOTES

- To operate relays together, set the same code for each relay;
- If a wrong code is entered, the system will lock out for 5 seconds which will increase each time a wrong code is entered. The system will operate only when the correct code is entered.

ADHESIVE GASKET PLACEMENT

Apply the (Y) seal as shown in **Fig. 5**.

ANTI-TAMPERING LOCKS FIXING

Fit the anti-tampering locks (W) as shown in **Fig. 6**.

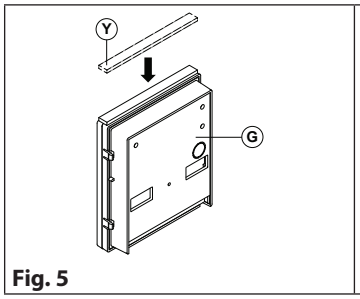


Fig. 5

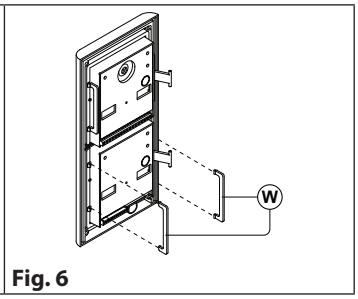


Fig. 6

CONNECTION TERMINALS SIGNALS

SW2	Relay 2 command signal (active low)	
SW1	Relay 1 command signal (active low)	
NC3	Relay 3 normally closed contact	**Max 24Vac/dc 3A**
NO3	Relay 3 normally open contact	
C3	Relay 3 common contact	
NC2	Relay 2 normally closed contact	
NO2	Relay 2 normally open contact	
C2	Relay 2 common contact	
NC1	Relay 1 normally closed contact	
NO1	Relay 1 normally open contact	
C1	Relay 1 common contact	
–	12/24Vac/dc power input	
+		

CLEANING OF THE PLATE

Use a clean and soft cloth. Use moderate warm water or non-aggressive cleansers.

Do not use:

- abrasive liquids;
- chlorine-based liquids;
- metal cleaning products.

TECHNICAL SPECIFICATION

Power Supply:	12/24 Vac/dc – 2VA	
Power Consumption:	Stand-by:	20mA
	Operating:	70mA
Working Temperature:	-20 +60° C	

4000 Series Surface and flush mounting door station installation

EXAMPLE: INSTALLING A FOUR MODULE OUTDOOR STATION

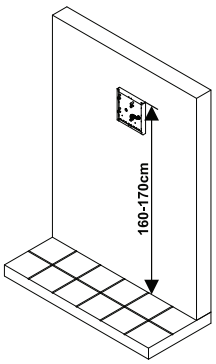


fig. 1

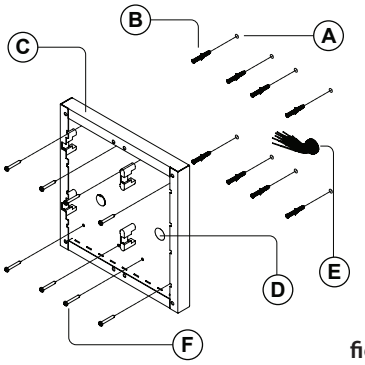


fig. 2

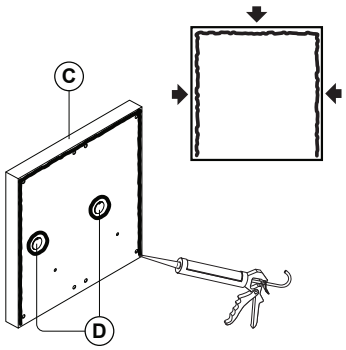


fig. 3

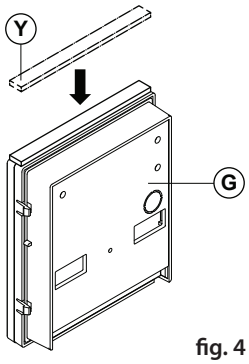


fig. 4

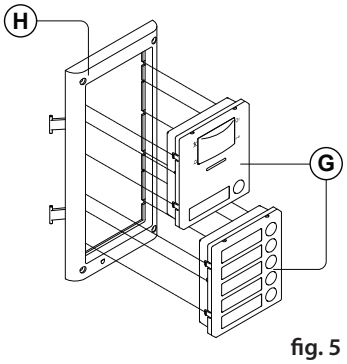


fig. 5

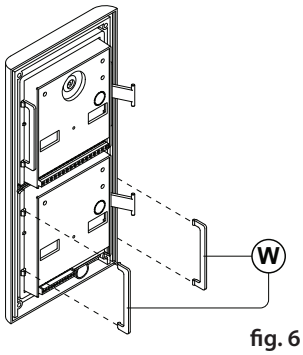


fig. 6

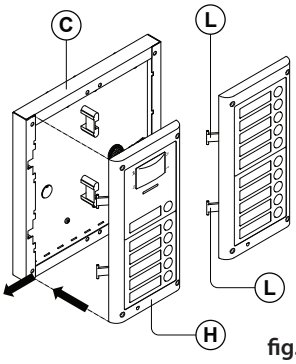


fig. 7

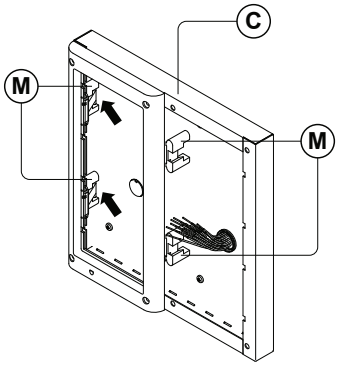


fig. 8

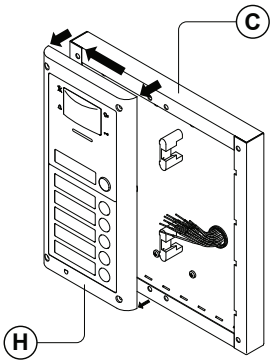


fig. 9

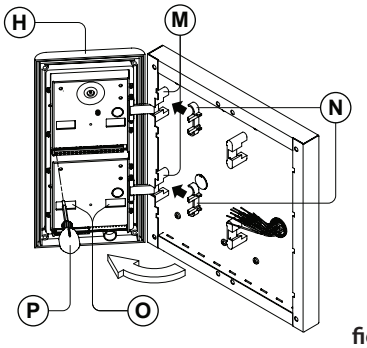


fig. 10

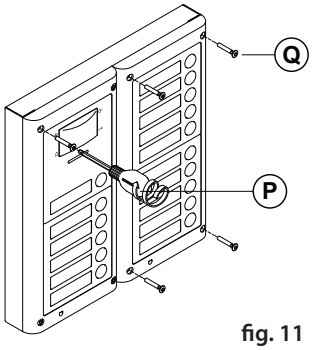


fig. 11

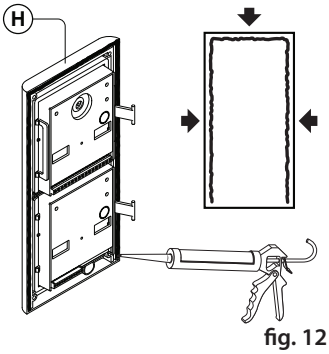


fig. 12

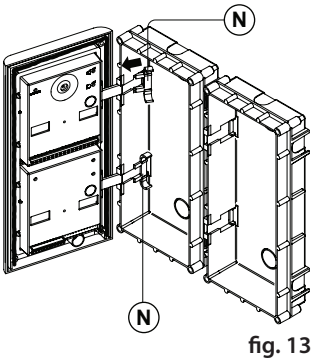


fig. 13

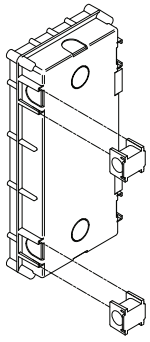


fig. 14

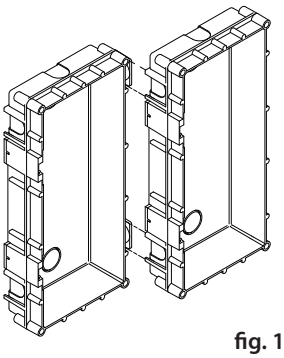


fig. 15

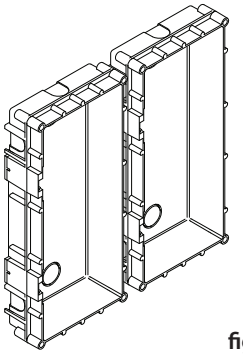


fig. 16

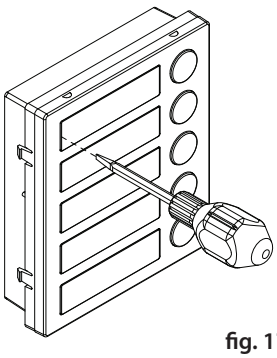


fig. 17

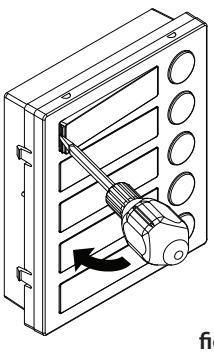


fig. 18

INSTALLING A SURFACE MOUNT DOOR STATION

1. Place the surface box against the wall (165-170cm between the top of the box and the floor level as shown in **Fig. 1**) and mark the fixing holes for the wall plugs and the hole for the cables (E) **(fig. 2).** Observe the orientation of the box with the hinge on the left;

> ⚠ **In order to prevent water ingress we highly recommend using a silicon sealant between the wall and the back box (C) ON THE LEFT, TOP AND RIGHT SIDES ONLY AND AROUND ALL HOLES (D). DON'T USE SILICON SEALANT ON THE BOTTOM SIDE OF THE BACK BOX (Fig.3);**

2. As shown on **Fig. 2,** drill the fixing holes (A)**,** insert the wall plugs (B) and feed the cables (E) through the surface box opening (D), fix surface box (C) to the wall using the screws (F);
3. Apply the (Y) silicon sealant on top of each module as shown in **Fig. 4;**
4. Before installation of the module support frame, hook the modules (G) to the support frame (H) as shown in **Fig. 5** then, as shown in **Fig. 6,** fit the two anti-tampering locks (W) for each module (do the same for the second module support frame);
5. When you have more than one support frame, hook the support frame to the surface box starting from the left. For convenience we will described how to attach the left frame but the same must be carried out for the right frame. As shown in **Fig. 7,** hook the module support frame (H) (complete with modules) to the surface box (C) moving the frame as suggested from pointers. Ensure that the pivots (L) **(Fig. 7)** go inside the relevant housing (M) as shown in **Fig. 8;**
6. As shown on **Fig. 9,** pull back the module support frame (H) while moving it slightly to the left as suggested by the pointers;
7. As shown in **Fig. 10,** open the module support frame (H) as suggested by the pointer, hook the hinge locks (N) to the hinges (M)**,** make the required connections using the screwdriver provided (P) (flat blade end) and make the required adjustment by adjusting the settings (through openings (O)) and adjust trimmers;
8. Repeat the same operations described above for the second module support frame (or for the third if available);
9. When the system has been tested and is working correctly, move back the module support frames carefully, fix them to the surface box using the screwdriver provided (P) (torx end) and the pin machine torx screws (Q) **(Fig. 11). Note: do not over tighten the screws more than is necessary.**

INSTALLING A FLUSH MOUNTING DOOR STATION

When flush mounting and the number of modules is greater than 3, the required back boxes need to be linked together (before embedding them in the wall) as shown on **Fig. 14, 15 and 16:**

- Arrange the back boxes and remove knockouts to allow cables to be fed from one back box to the other;
- Hook the spacers to first back box then hook the second back box to obtain the result shown on **Fig. 16;**

1. Protect the module support frame fixing holes from dust then embed the back box into the wall (165-170cm between the top of the box and the floor level as shown on the **Fig. 1**) feeding the cables (E) **(Fig. 2)** through a previously opened hole in the box. Observe the direction of the box ensuring the hinge is on the left and take care that the box profile is in line with the finished wall profile;

> ⚠ **In order to prevent water ingress we highly recommend using a silicon sealant between the module support frame (H) and the back box ON THE LEFT, TOP AND RIGHT SIDES ONLY. DON'T USE SILICON SEALANT ON THE BOTTOM SIDE OF THE MODULE SUPPORT FRAME (Fig.12);**

2. Continue from step **4** of surface mounting instructions , but at step **7** hook the hinge locks (N) as shown on **Fig. 13.**

> ⚠ **Note: if additional holes are made in the surface box, oxidation problems may appear unless the unprotected metal is coated with a protective paint.**

NOTES

- The screwdriver's blade has two sides, one flat and one torx, to select one of them unplug the blade from the screwdriver body and plug it into the required side.
- The example shows the use of only one back box bottom hole for wires, this is done to keep file drawings clear. Naturally the installer can use the left hole or the right or both if required.

HOW TO REMOVE THE CARD NAME HOLDER

- To avoid damage to the module front plate, tape the side that will be in contact with the screwdriver blade;
- Insert the screwdriver (flat side) into the card-holder hole as shown in **Fig. 17;**
- Move the screwdriver to the left as shown in **Fig. 18** to extract the card name holder;
- Edit the card name then replace it inside the holder and refit: insert the holder inside its housing from the left or right side then push the other side until it clips into place.

Art. 6256 3.5" colour videophone

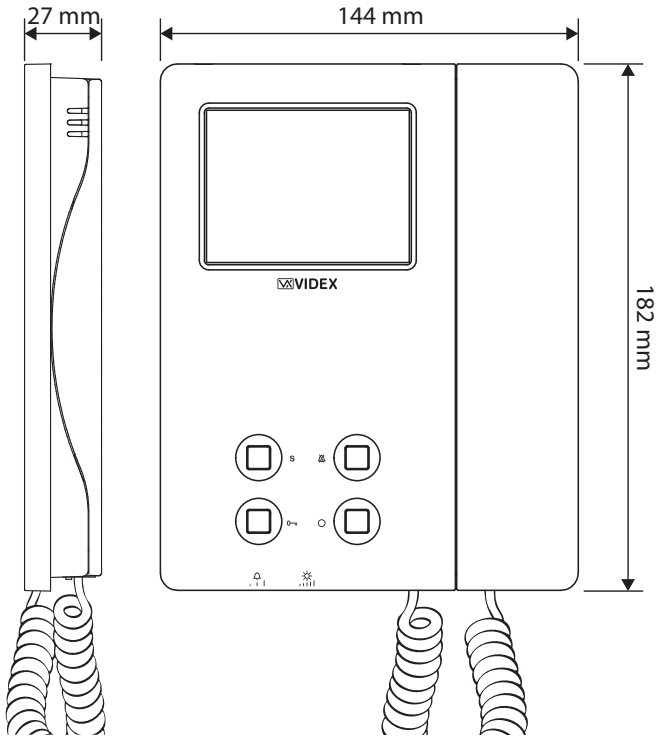


Fig. 1

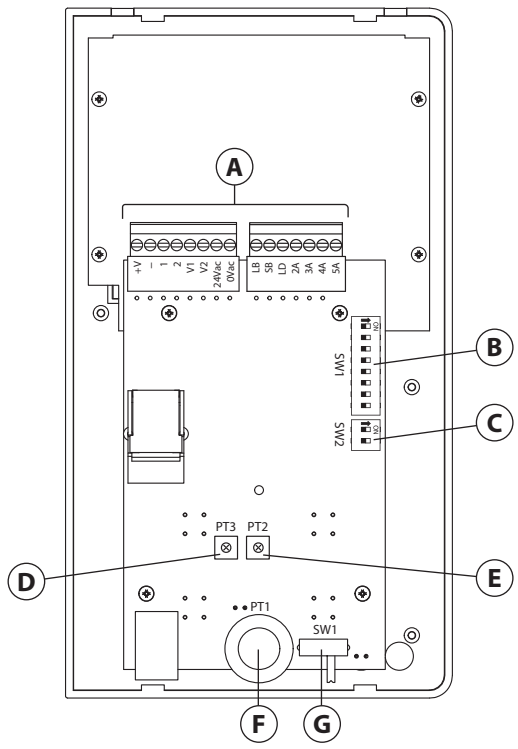


Fig. 2

DESCRIPTION

Surface mount videophone incorporating a 3.5" Hi-Res full colour active matrix LCD monitor specific for "6 wire" videokit (VK4K, VRVK and VK8K range). It includes 4 buttons: "camera recall", "open door" , "service" and "privacy".
2 LED's* indicate the privacy activated and open door. Programmable privacy duration and number of rings. Intercommunicating call and door call. Adjustments: call tone volume switch (3 levels), picture hue, contrast and brightness.

* The operation of some LED's and the functions described may require additional cabling

LEGEND

- (A) Connection terminals
- (B) 8 Way dip switch bank
- (C) 2 Way dip switch bank
- (D) Contrast adjustment trimmer
- (E) Hue adjustment trimmer
- (F) Brightness control
- (G) Call tone volume switch

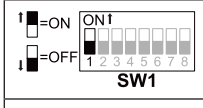
PUSH BUTTONS	
S	**Service push button** Shorts the **SB** terminal to GROUND (open collector 24Vdc 100mA max) while the button remain pressed.
○	**Camera recall button** Pick up the handset then press the button (Press once for door/gate 1, twice for 2 and so on up to a maximum of 4 entrances): the relevant LED switches ON and the monitor switches on showing the video from the door panel. The speech is also live and the door can be opened by pressing 0⊸ .
0⊸	**Door-open / intercommunicating call button** With the handset lifted and speech lines open to the entrance panel, press this button to open the door. If the terminal **LD** is properly connected the relevant LED remains switched ON until the door is closed. Intercommunication only works when the system is in stand-by condition. Switch 4 of the SW1 dip-switch selects the type of intercommunication: **OFF** Intercommunication between two apartments - pick up the handset and press the key button to call the videophone(s) in the other apartment. A busy tone will signal that the other videophone is in conversation with the door station and so cannot be called. **ON** Intercommunication between videophones in the same apartment - pick up the handset and press the key button one, two, three or four times to call videophone with extension address 1, 2, 3 or 4 (Set on dip-switch 2&3 of SW1). Any intercommunicating conversation is always interrupted by an external call (i.e. External calls take priority).
🔕	**Privacy ON-OFF button** When the system is in stand-by, the pressing of this button activates (LED switched on) or disables (LED switched off) the "privacy" service. The service is automatically disabled when the programmed privacy time expires. When the service is enabled the videophone does not receive calls.

LEDS	
	Door open LED Can be used to indicate the status of a door or gate. It requires a switched 12Vdc connection to terminal "LD".
	Privacy ON/OFF LED When the videophone is in stand-by, this LED signals the privacy service status (ON = service enabled, OFF = service disabled).

CONTROLS		
	SW1	**Call tone volume switch** (3 levels).
	PT1	**Brightness control** (sliding wheel).
PT2		**Hue adjustment trimmer** (rotate left to increase or right to decrease).
PT3		**Contrast adjustment trimmer*** (rotate left to increase or right to decrease). *Not available in some LCD versions.

SETTINGS (DIP-SWITCH)

The videophone setup is carried out by the 2 dip-switch banks.



Switches 1	Apartment Address
OFF	1
ON	2

Switches 2,3		Extension Address
OFF	OFF	1
ON	OFF	2
OFF	ON	3
ON	ON	4

Switch 4	Intercommunication
OFF	Between videophones of the two apartment
ON	Between videophones in the same apartment

Switches 5,6		Number of rings
OFF	OFF	2
ON	OFF	4
OFF	ON	6
ON	ON	8

Switches 7,8		Privacy duration time
OFF	OFF	15 minutes
ON	OFF	1 hours
OFF	ON	4 hours
ON	ON	8 hours

2 WAY DIP-SWITCH (SW2)

The two way dip-switch adjusts the impedance of the video signal. The default setting is "ON" for both switches (75 Ohm): when there are more videophones in parallel connection (without video distributor) both switches must be "ON" only on the last videophone (looking at the connection order) while for all other videophones both switches must be set to "OFF".

CONNECTION TERMINALS SIGNALS

+V	20Vdc Input/Output (As input 16÷20Vdc 0,5A – as output 20Vdc 0,5A max)
–	Ground reference for +V terminal.
1	Speech line output from handset's microphone and data signal (Approx. 12V in stand-by, 5V during a conversation)
2	Speech line input toward the handset's loudspeaker (Approx. 12V in stand- by, approx. 3V during a conversation)
V1	Balanced video signal 1 sync.-
V2	Balanced video signal 2 sync.+
~	24Vac 1A max power input
~	

LB	Local call input (5V in standby, 0V to trigger)
SB	Service button (open collector) active low output. The button goes active when the button is pressed (Open Collector 24Vdc 100mA max)
LD	12Vdc input for door-open LED
2A	Speech line input toward the loudspeaker of the parallel telephone (Approx. 12V in stand-by, 3V during a conversation)
3A	Output switched ground for parallel telephone
4A	Output call tone for parallel telephone
5A	Input for door-open command from parallel telephone

TECHNICAL SPECIFICATION

Power Supply:	Supplied by the BUS line, 20Vdc
Power consumption:	Stand-by: 50mA Max
	Operating: 200mA Max
Working Temperature:	-10 +50 °C

MEMORY BOARD

This device is also available in the version with memory board (Art. 6256/VM).
If you have that version, please refer to the **"6200, 6300, 6400 and 6700 Series Memory Board"** user manual (in English and Italian) for installation and use.
The manual is available for download: click/tap or scan the QR code.

6200 Series Videophone wall mounting instructions

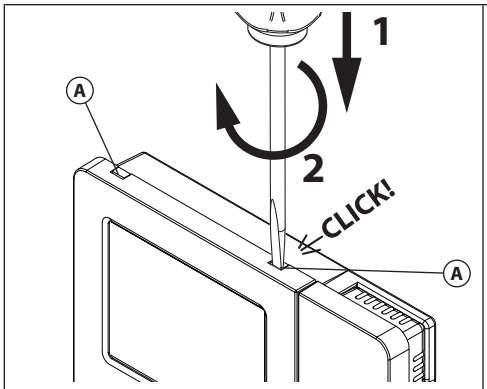


Fig. 1

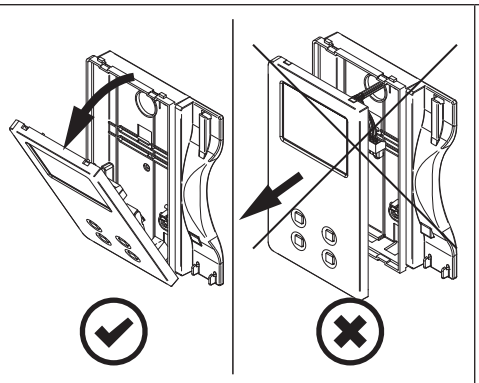


Fig. 2

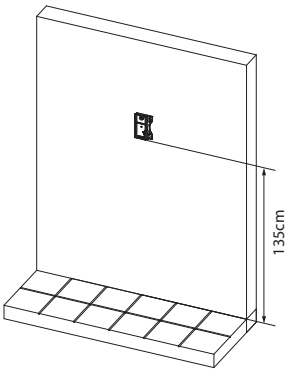


Fig. 3

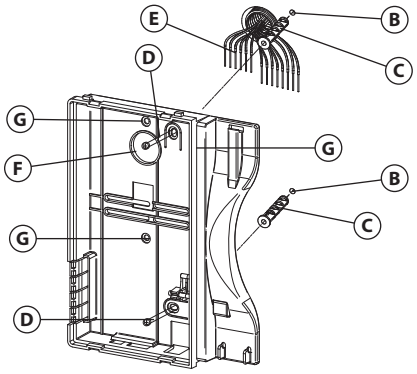


Fig. 4

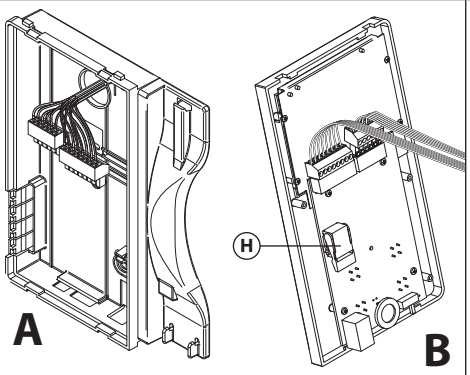


Fig. 5

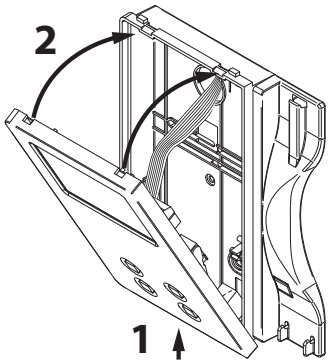


Fig. 6

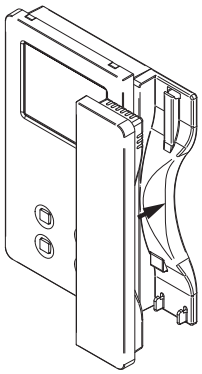


Fig. 7

1. In order to install the videophone, it is necessary to remove the cover, which contains all the electronics, from the base: firstly disconnect the handset from the videophone (by removing its plug from the videophone) then insert a 5.5mm flat screw driver into the clip Ⓐ then rotate clockwise until you listen a **"CLICK!".**
   Repeat the same operation with the other clip as shown in **Fig. 1**.
2. Pull outwards the top part of the cover as shown in **Fig. 2**. **Don't pull the cover straight**.
3. Put the base of the unit on the wall at approx 135cm from the finished floor (**Fig. 3**) to mark the points for the fixing holes Ⓑ (**Fig. 4**) remembering that the wires Ⓔ (**Fig. 4**) must be fed through the hole Ⓕ (**Fig. 4**). If you use the flush mounting box 503, embed it into the wall vertically at approx. 140cm from the finished floor and the base.
4. Following **Fig. 4**, make the holes Ⓑ, insert the wall plugs Ⓒ and fix the base with the screws Ⓓ feeding the wires Ⓔ into the hole Ⓕ. If you have used the box 503, fix the base to the wall through the holes Ⓖ using the screws Ⓓ.
5. As shown in **Fig. 5A**, connect the wires to the removable terminals following the provided installation diagram. Connect the terminal blocks to the electronics contained in the cover as shown in **Fig. 5B**. Reinsert the handset and test system before closing. **Note: Contrast and hue trimmers can be adjusted only if the videophone is open. Note while testing the system, it is advisable to hold the cover with your hand closing manually the hook switch of the handset (see Fig. 5B reference Ⓗ).**
6. Once testing is complete and all the necessary adjustments are made, disconnect the handset from the cover and close the unit as shown in **Fig. 6**: first hook it on the bottom then push in the top until you hear a **"CLICK!"**.
7. Reconnect the handset and hang it as shown in **Fig. 7**.

Art. 316 - Art. 316N

4 Way video distributor for system with balanced video signal

DESCRIPTION

ART. 316

4 Way video distributor for systems with balanced video signal. In white plastic ABS box 11x70x30mm surface mount.

ART. 316N

As Art. 316 but small form factor without terminals to connect "+" (plus) and "–" (minus) from videophones (is required an external connection of these terminals). It is housed in a 50X60X20 mm plastic box which is for surface mounting.

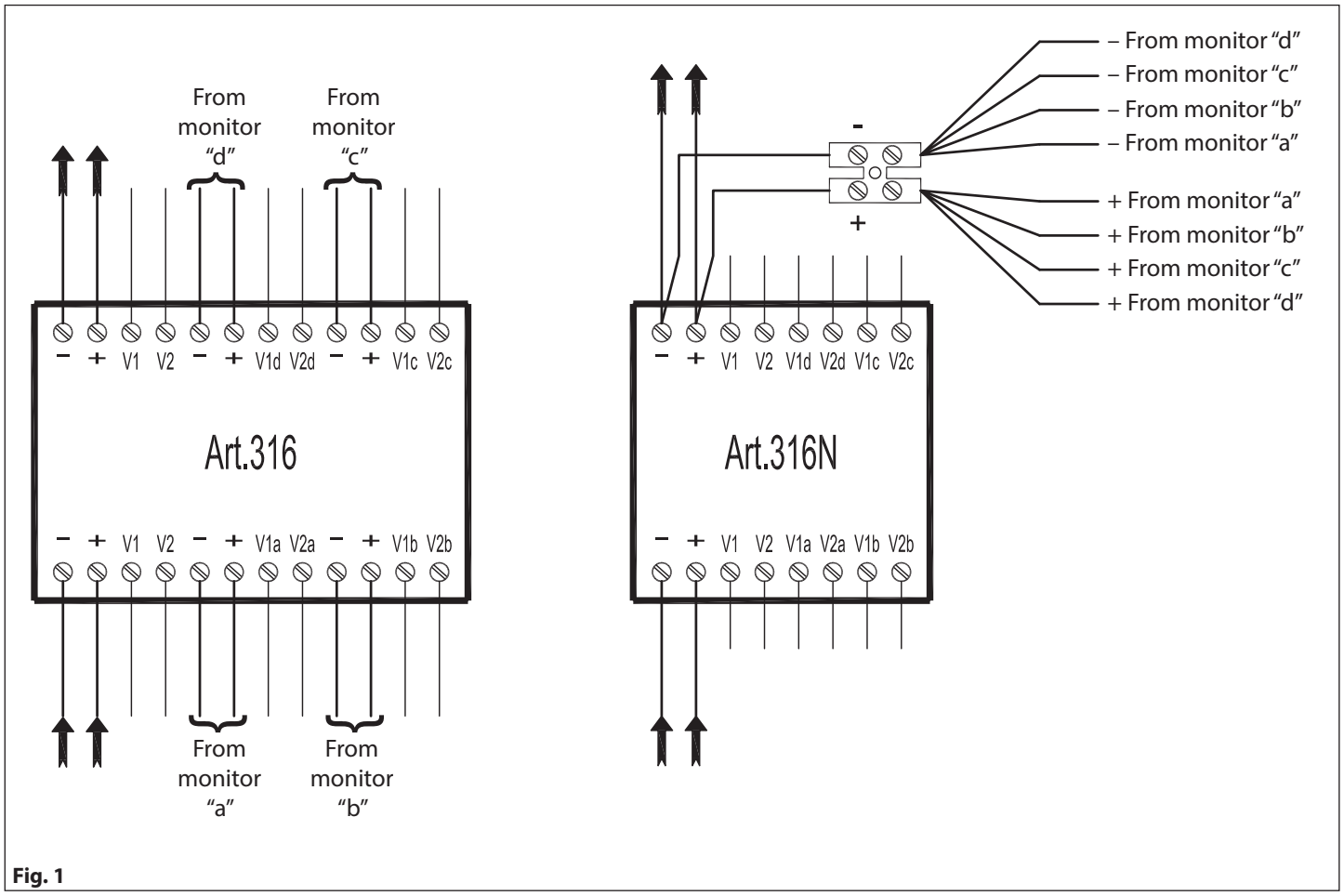
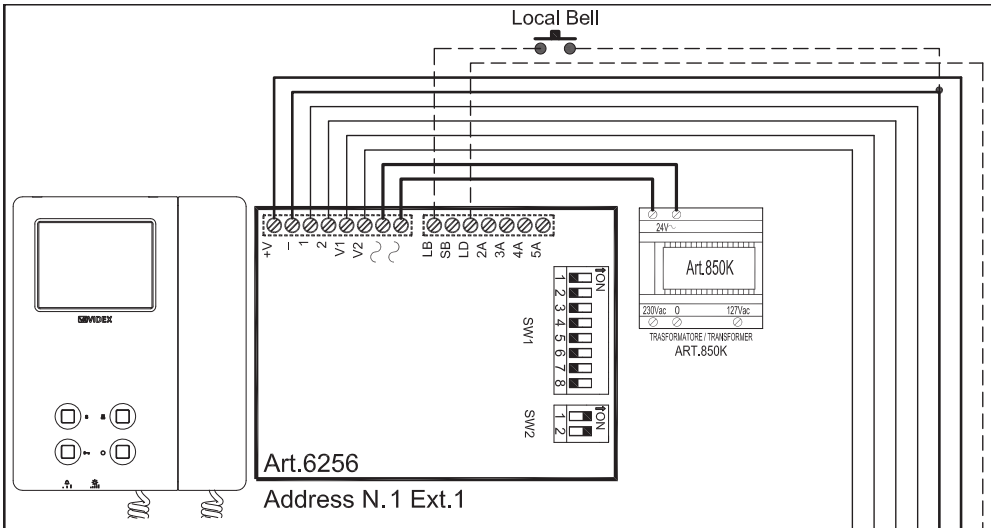
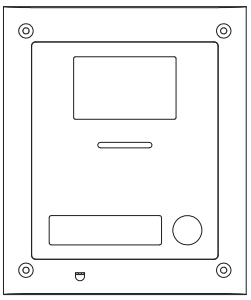


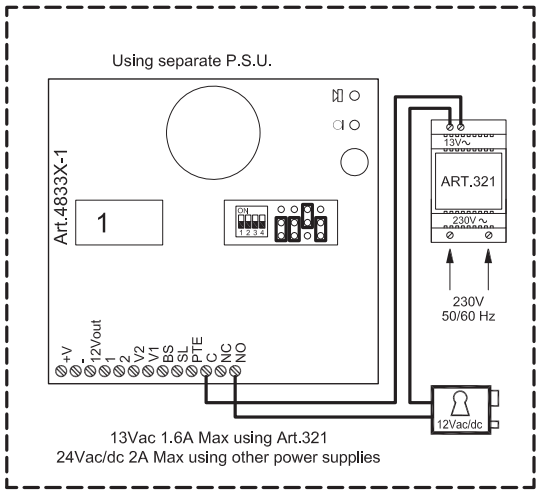
Fig. 1

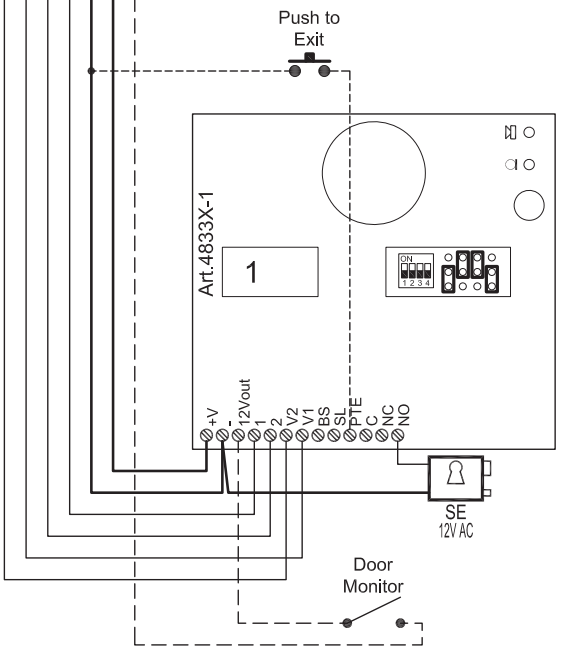




Affinche qualsiasi modifica alle impostazioni dei dip switch del videocitofono o del posto esterno venga riconosciuta dal sistema, è necessario togliere l'alimentazione di rete all'impianto e restituirla.

In order to make the system recognize any modification of the videophone's and outdoor station's dip-switch setting temporarily disconnect the system from the mains and reconnect





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Titolo: VK4KX-1/6256, VK4KX-1S/6256		Data modifica: 13/09/2017	
Videx Electronics S.p.A. Via del Lavoro 1, 63020 Monte Giberto (AP) Phone: +39 0734 631669 - Fax +39 0734 631669 www.videx.it - info@videx.it	Notes: — Note: —	Autore: Roberto Gambini	
		Cod.File: vk4kx62h-002.dwg	

Affinche qualsiasi modifica alle impostazioni dei dip switch del videocitofono o del posto esterno venga riconosciuta dal sistema, è necessario togliere l'alimentazione di rete all'impianto e restituirla.

In order to make the system recognize any modification of the videophone's and outdoor station's dip-switch setting temporarily disconnect the system from the mains and reconnect

Title: VK4KX-2/6256, VK4KX-2S/6256		Data creazione: 13/09/2017	Foglio 1 / 1
Titolo: VK4KX-2/6256, VK4KX-2S/6256		Data modifica: 13/09/2017	
Videx Electronics S.p.A. Via del Lavoro 1, 63846 Monte Giberto (FM) Phone: +39 0734 631669 - Fax +39 0734 631669 www.videx.it - info@videx.it	Notes: — Note: —	Autore: Roberto Gambini	
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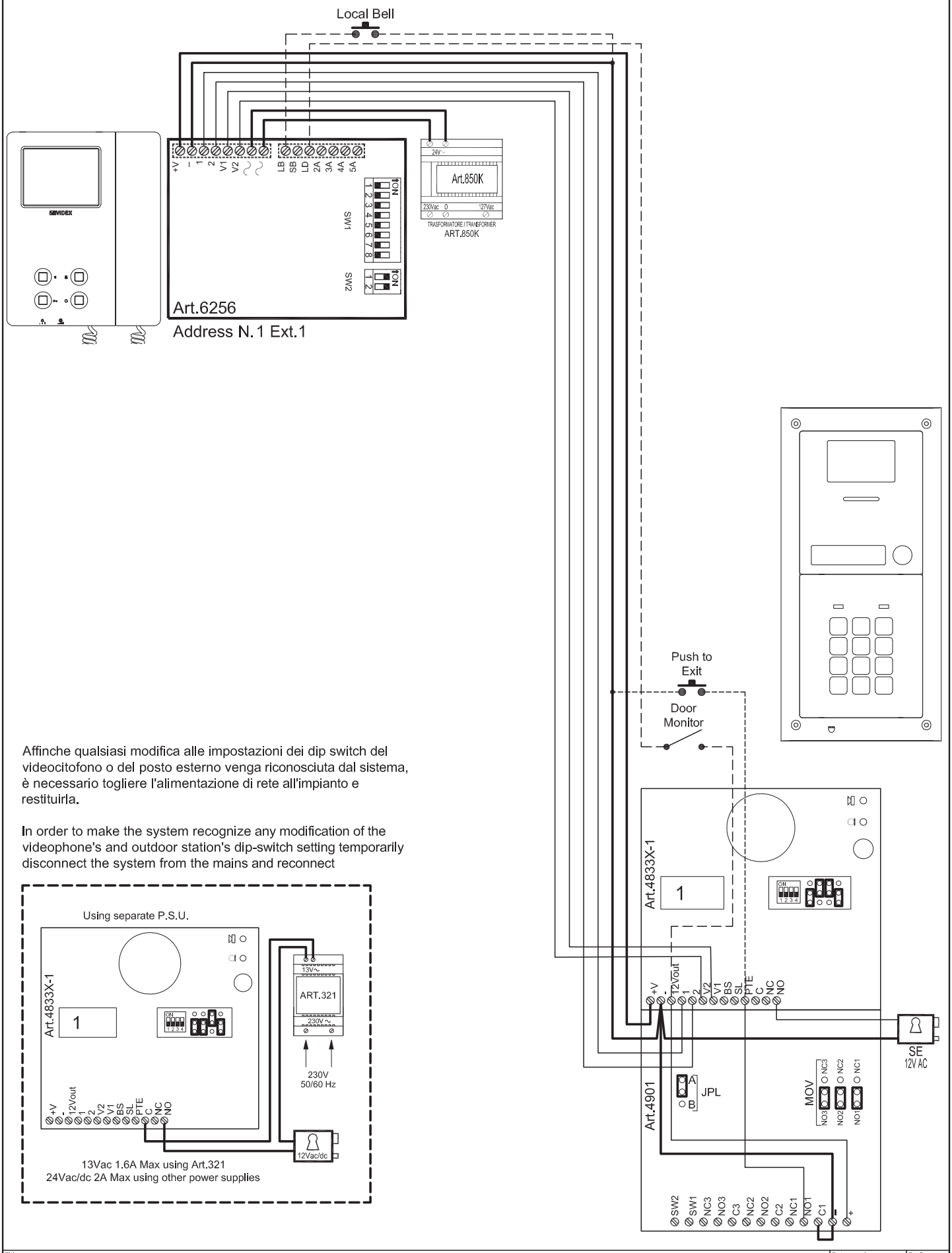

Affinche qualsiasi modifica alle impostazioni dei dip switch del videocitofono o del posto esterno venga riconosciuta dal sistema, è necessario togliere l'alimentazione di rete all'impianto e restituirla.

In order to make the system recognize any modification of the videophone's and outdoor station's dip-switch setting temporarily disconnect the system from the mains and reconnect

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Titolo: VK4KXC-1/6256, VK4KXC-1S/6256		Data modifica: 28/10/2019	
Videx Electronics S.p.A. Via del Lavoro 1, 63846 Monte Giberto (FM) Phone: +39 0734 631669 - Fax +39 0734 631669 www.videx.it - info@videx.it	Notes: — Note: —	Autore: Roberto Gambini	
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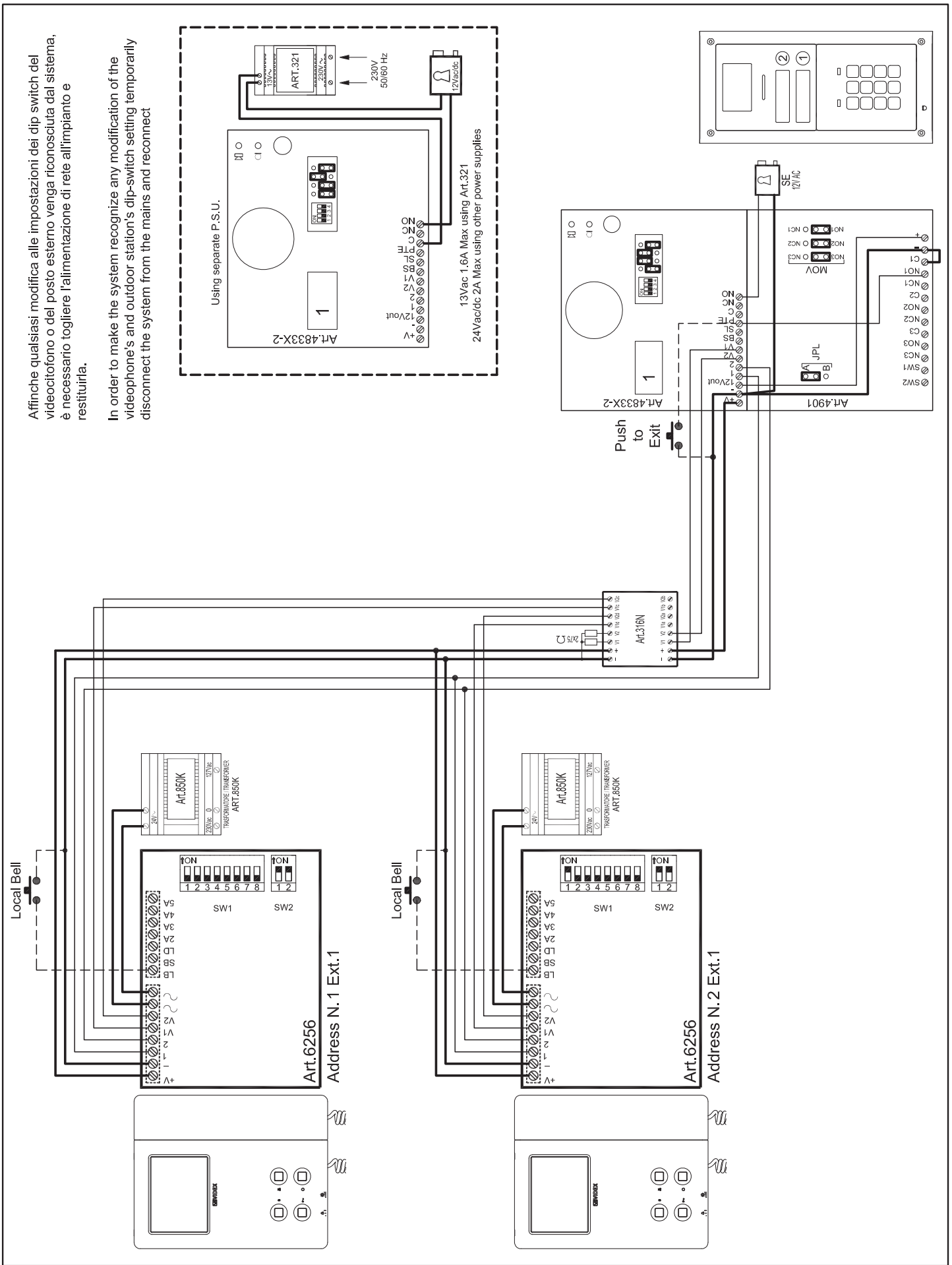

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Videx Electronics S.p.A. Via del Lavoro 1, 63020 Monte Giberto (AP) Phone: +39 0734 631669 - Fax +39 0734 631669 www.videx.it - info@videx.it	Notes: --- Note: ---	Autore: Marco Rongoni	
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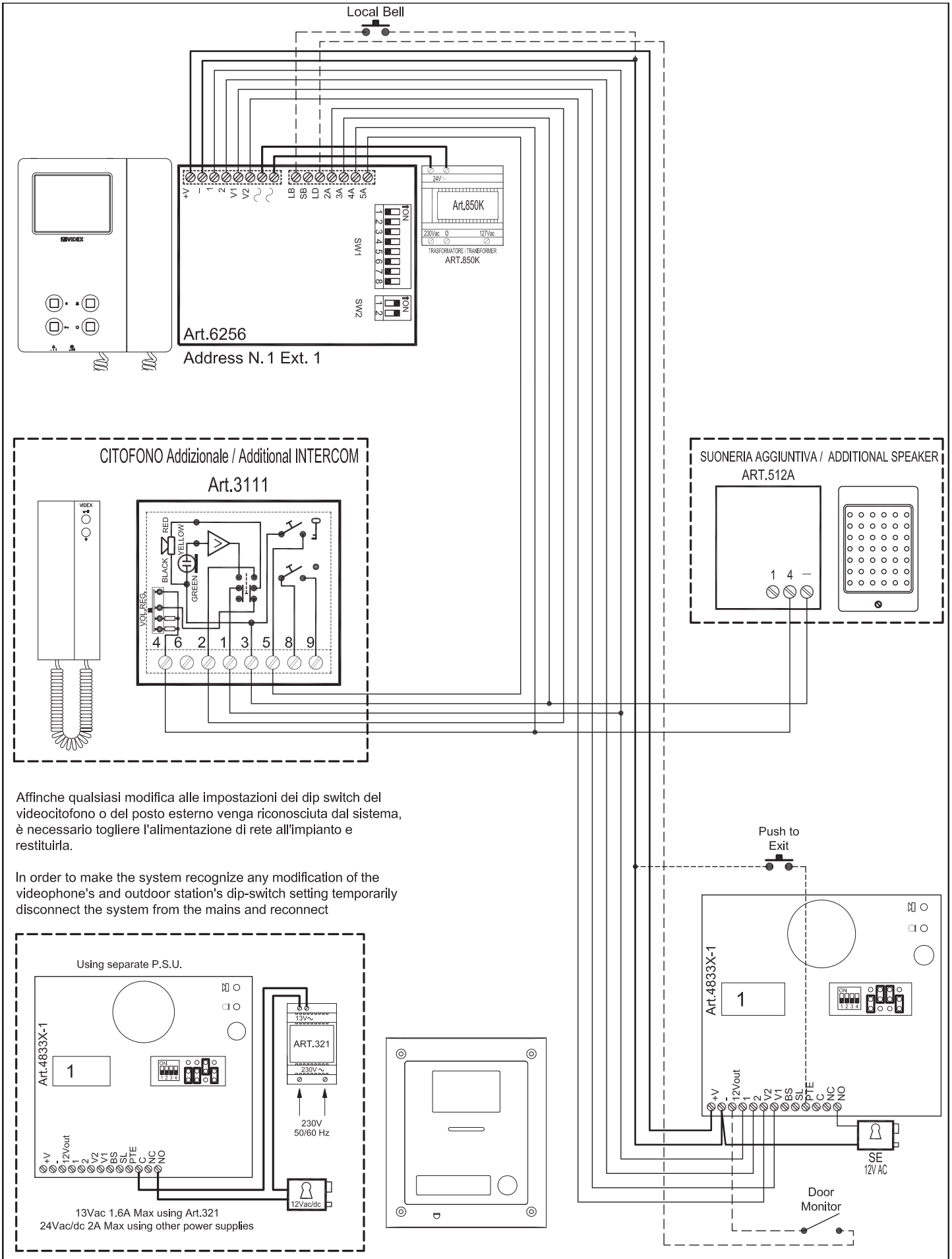
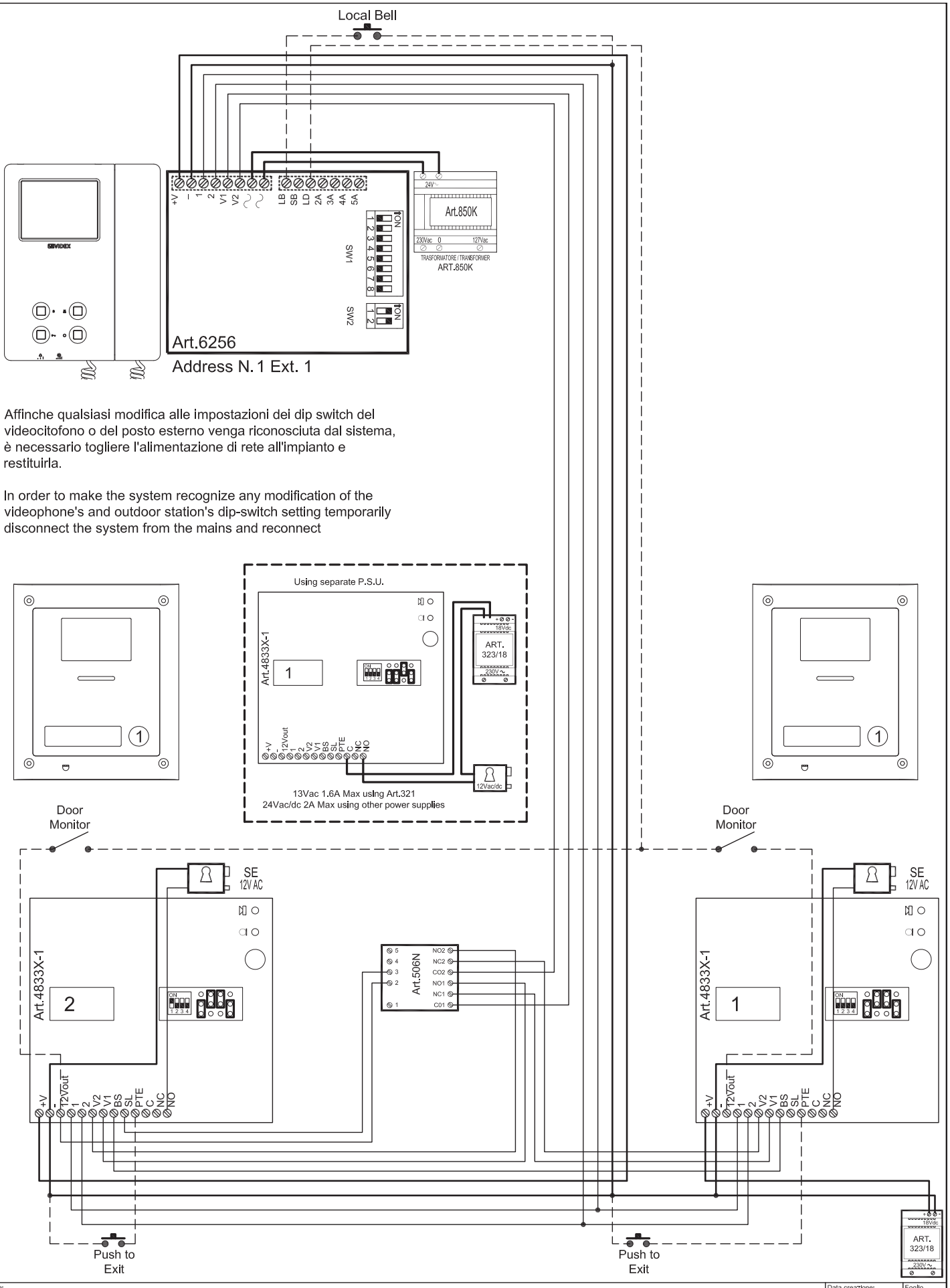


Title: VK4KX-1/6256, VK4KX-1S/6256 plus Additional handset and additional speaker.		Data creazione: 13/09/2017	Foglio 1 / 1
Titolo: VK4KX-1/6256, VK4KX-1S/6256 plus Additional handset and additional speaker.		Data modifica: 13/09/2017	
Videx Electronics S.p.A. Via del Lavoro 1, 63846 Monte Giberto (FM) Phone: +39 0734 631669 - Fax +39 0734 631669 www.videx.it - info@videx.it	Notes: — Note: —	Autore: Roberto Gambini	Cod.File: vk4kx62h-008.dwg



Affinche qualsiasi modifica alle impostazioni dei dip switch del videocitofono o del posto esterno venga riconosciuta dal sistema, è necessario togliere l'alimentazione di rete all'impianto e restituirla.

In order to make the system recognize any modification of the videophone's and outdoor station's dip-switch setting temporarily disconnect the system from the mains and reconnect

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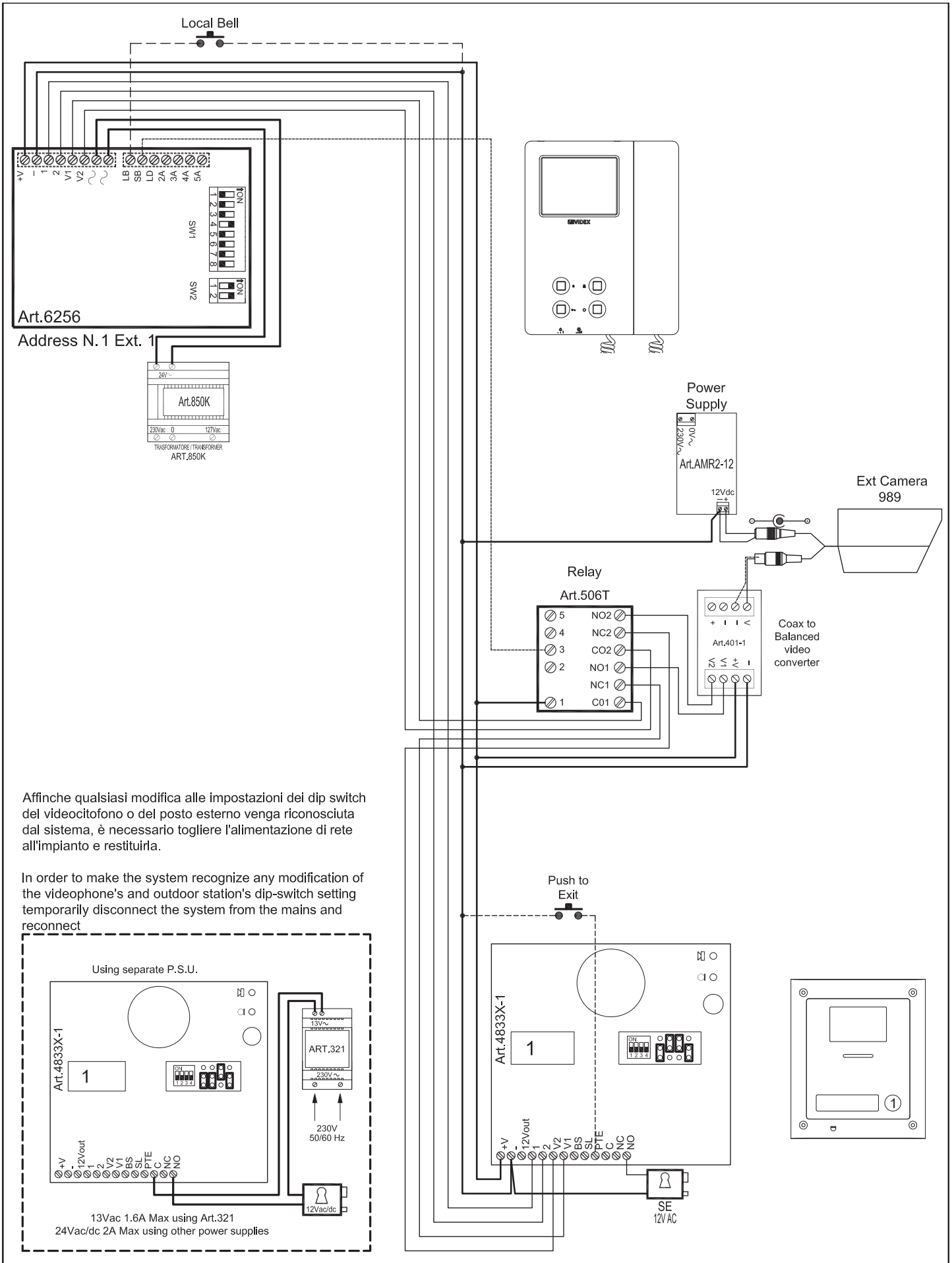
Titolo: VK4KX-1, VK4KX-1S con secondo posto esterno per un sistema a due ingressi	Data modifica: 13/09/2017	
Videx Electronics S.p.A. Via del Lavoro 1, 63846 Monte Giberto (FM) Phone: +39 0734 631669 - Fax +39 0734 631669 www.videx.it - info@videx.it	Notes: — Note: —	Autore: Roberto Gambini Cod.File: vk4kx62h-009.dwg



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Videx Electronics S.p.A. Via del Lavoro 1, 63846 Monte Giberto (FM) Phone: +39 0734 631669 - Fax +39 0734 631669 www.videx.it - info@videx.it	Notes: — Note: —	Autore: Roberto Gambini	
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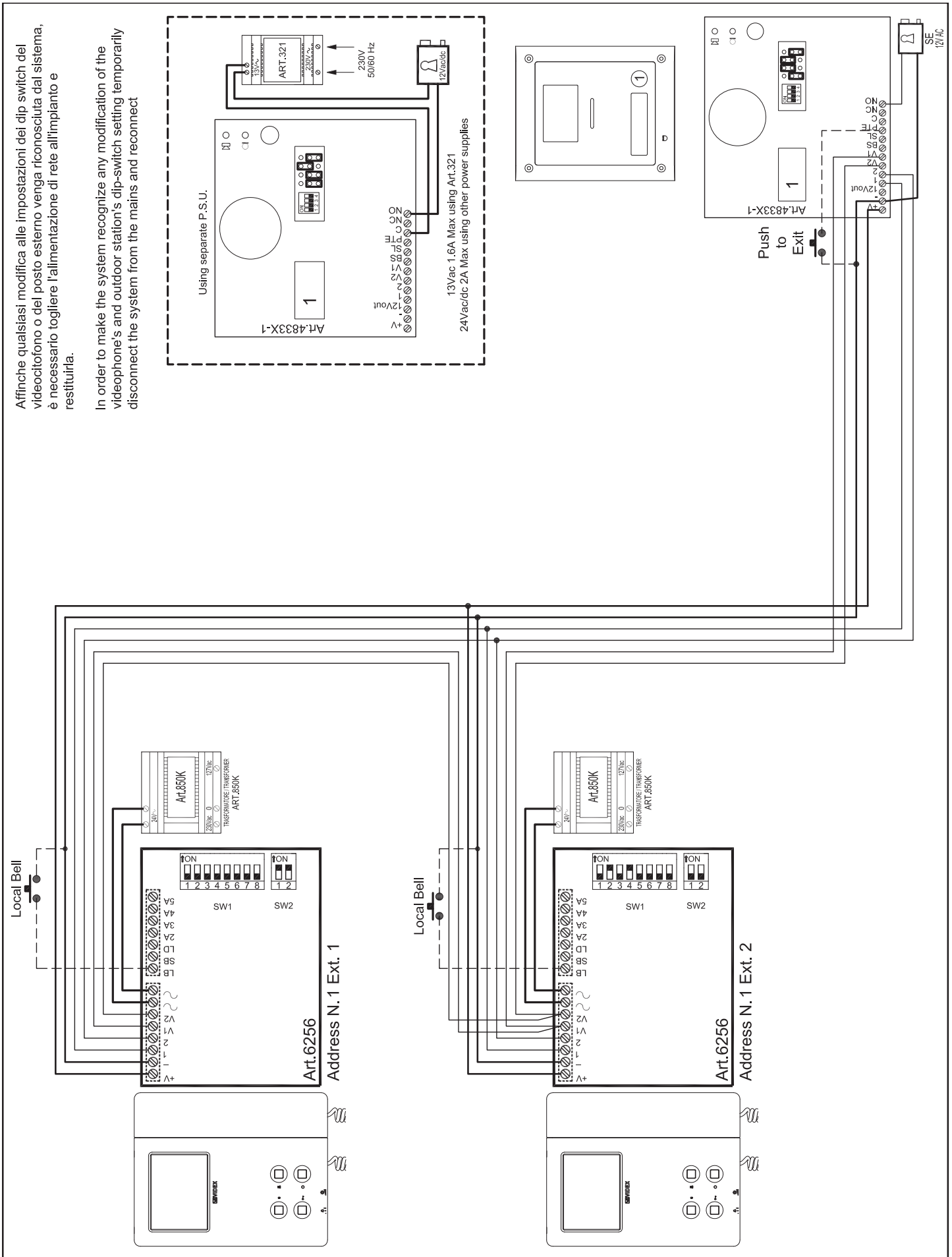
Affinche qualsiasi modifica alle impostazioni dei dip switch del videocitofono o del posto esterno venga riconosciuta dal sistema, è necessario togliere l'alimentazione di rete all'impianto e restituirla.

In order to make the system recognize any modification of the videophone's and outdoor station's dip-switch setting temporarily disconnect the system from the mains and reconnect

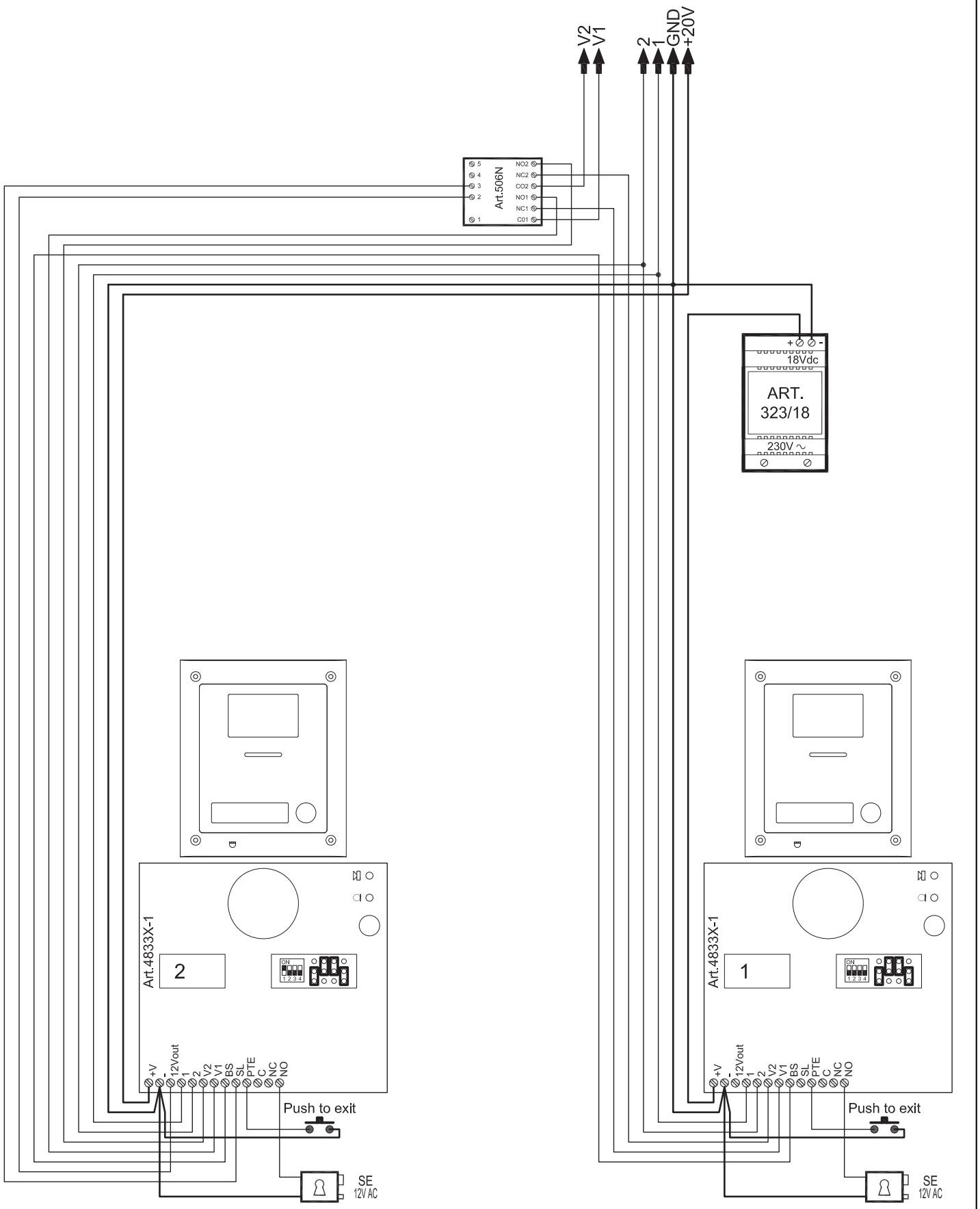


Title: VK4KX-1/6256, VK4KX-1S/6256 with additional videophone without video distributor		Data creazione: 13/09/2017	Foglio 1 / 1
Titolo: VK4KX-1/6256, VK4KX-1S/6256 con videocitofono addizionale senza distributore video		Data modifica: 13/09/2017	
Videx Electronics S.p.A. Via del Lavoro 1, 63846 Monte Giberto (FM) Phone: +39 0734 631669 - Fax +39 0734 631669 www.videx.it - info@videx.it	Notes: — Note: —	Autore: Roberto Gambini	
		Cod.File: vk4kx62h-012.dwg	

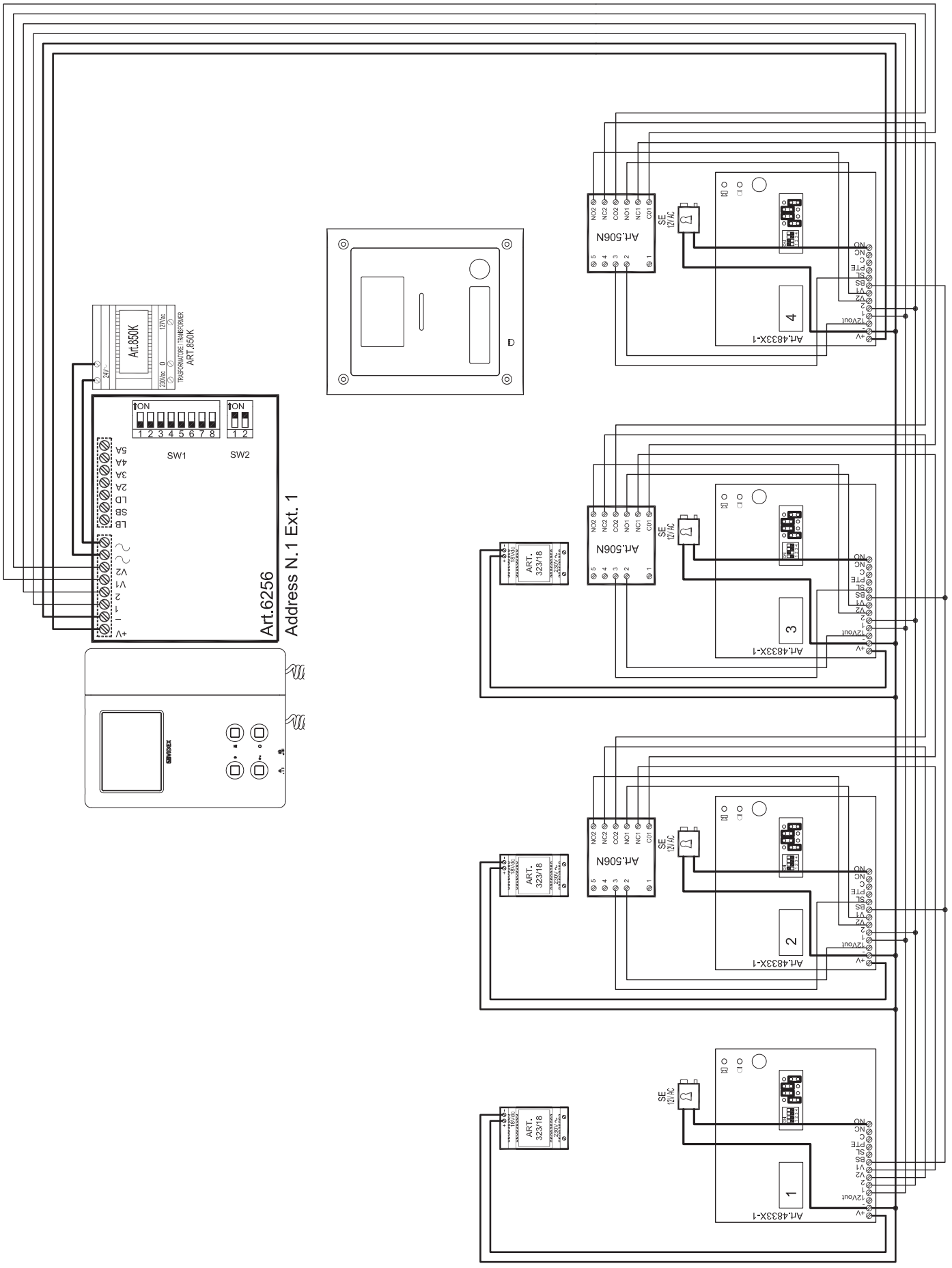
Affinche qualsiasi modifica alle impostazioni dei dip switch del videocitofono o del posto esterno venga riconosciuta dal sistema, è necessario togliere l'alimentazione di rete all'impianto e restituirla.

In order to make the system recognize any modification of the videophone's and outdoor station's dip-switch setting temporarily disconnect the system from the mains and reconnect

Title: VK4KX-2/6256, VK4KX-2S/6256		Data creazione: 13/09/2017	Foglio 1 / 1
Titolo: VK4KX-2/6256, VK4KX-2S/6256		Data modifica: 13/09/2017	
Videx Electronics S.p.A. Via del Lavoro 1, 63846 Monte Giberto (FM) Phone: +39 0734 631669 - Fax +39 0734 631669 www.videx.it - info@videx.it	Notes: — Note: —	Autore: Roberto Gambini	Cod.File: vk4kx62h-001.dwg



Title: VK4KX-1, VK4KX-1S with second door panel for two entrances system		Data creazione: 26/09/2017	Foglio 1 / 1
Titolo: VK4KX-1, VK4KX-1S con secondo posto esterno per un sistema a due ingressi		Data modifica: 26/09/2017	
Videx Electronics S.p.A. Via del Lavoro 1, 63846 Monte Giberto (FM) Phone: +39 0734 631669 - Fax +39 0734 631669 www.videx.it - info@videx.it	Notes: — Note: —	Autore: Marco Rongoni	
		Cod.File: vk4kx-1-001-2e.dwg	



Title: VK4KX-1/6256, VK4KX-1S/6256 with 3 additional door panels for four entrances system		Data creazione: 13/09/2017	Foglio 1 / 1
Titolo: VK4KX-1/6256, VK4KX-1S/6256 con 3 posti esterni addizionali un sistema a 4 ingressi		Data modifica: 13/09/2017	
Videx Electronics S.p.A. Via del Lavoro 1, 63846 Monte Giberto (FM) Phone: +39 0734 631669 - Fax +39 0734 631669 www.videx.it - info@videx.it	Notes: — Note: —	Autore: Roberto Gambini	Cod.File: vk4kx62h-013.dwg

ENG DISPOSAL

In accordance with the Legislative Decree no. 49 of 14 March 2014 "Implementation of the Directive 2012/19/EU on waste electrical and electronic equipment (WEEE)".
The crossed-out bin symbol on the equipment or on the packaging indicates that when the product reaches the end of its lifetime, it must be collected separately from mixed municipal waste. The user must, therefore, dispose of the equipment at the end of its lifetime in the suitable waste collection centres or bring it to the retailer during the purchase of a new equipment of equivalent type at the ratio of one-to-one. Furthermore, the user is allowed to dispose of the WEEEs of very small size (domestic appliances without any external dimension exceeding 25 cm (9.84 inches) for free to the retailers, without any purchase obligation. The correct waste disposal of the WEEEs contributes to their reuse, recycling and recovery and avoids potential negative effects on the environment and human health due to the possible presence of dangerous substances within them.

ITA SMALTIMENTO

Ai sensi del Decreto Legislativo 14 marzo 2014, n° 49 "Attuazione della direttiva 2012/19/UE sui rifiuti di apparecchiature elettriche ed elettroniche (RAEE)".
Il simbolo del cassonetto barrato riportato sull'apparecchiatura o sulla sua confezione indica che il prodotto alla fine della propria vita utile deve essere raccolto separatamente dagli altri rifiuti urbani misti. L'utente dovrà, pertanto, conferire l'apparecchiatura giunta a fine vita presso gli idonei centri di raccolta differenziata oppure riconsegnarla al rivenditore al momento dell'acquisto di una nuova apparecchiatura di tipo equivalente, in ragione di uno a uno. L'utente ha, inoltre, la possibilità di conferire gratuitamente presso i distributori, senza alcun obbligo di acquisto, per i RAEE di piccolissime dimensioni (per le apparecchiature di tipo domestico con nessuna dimensione esterna superiore a 25 cm).
L'adeguata raccolta differenziata dei RAEE contribuisce al loro riutilizzo, riciclaggio e recupero ed evita potenziali effetti negativi sull'ambiente e sulla salute umana dovuti alla eventuale presenza di sostanze pericolose al loro interno.

FRA ÉLIMINATION

Conformément au décret législatif n ° 49 du 14 mars 2014 relatif à l' « Application de la directive 2012/19 / UE relative aux déchets d'équipements électriques et électroniques (DEEE) ».
Le symbole de la poubelle barrée sur l'équipement ou sur son emballage indique que le produit en fin de vie utile doit être collecté séparément des autres déchets municipaux en mélange. L'utilisateur doit donc remettre l'équipement en fin de vie aux centres de collecte appropriés ou le restituer au revendeur lors de l'achat d'un nouveau type d'équipement équivalent, dans le rapport de un à un. De plus, l'utilisateur a la possibilité de conférer gratuitement aux distributeurs, sans aucune obligation d'achat, de très petits DEEE (pour les appareils ménagers sans dimensions extérieures supérieures à 25 cm).
La collecte séparée adéquate des DEEE contribue à leur réutilisation, leur recyclage et leur valorisation et évite les éventuels effets négatifs sur l'environnement et la santé humaine en raison de la présence possible de substances dangereuses dans ceux-ci.

SPA ELIMINACIÓN

De conformidad con el Decreto legislativo n. 49 de 14 de marzo 2014 "Aplicación de la Directiva 2012/19/UE relativa a residuos de aparatos eléctricos y electrónicos (RAEE)".
El símbolo del contenedor tachado indicado sobre los aparatos o sobre los embalajes señala que el producto al final de su vida útil debe ser recogido separadamente de otros residuos municipales mezclados. Por tanto, el usuario deberà conferir los aparatos al final de su vida útil en los apropriados centros de recogida selectiva o devolverlos al revendedor al momento de la compra de nuevos aparatos equivalentes, en una relación de uno a uno. Además, el usuario tiene la posibilidad de entregar sin cargo a los distribuidores, sin ninguna obligación de compra, los RAEEs muy pequeños (para electrodomésticos sin dimensiones externas superiores a 25 cm).
La recogida selectiva apropriada de los RAEEs contribuye a su reutilización, reciclaje y valorización y evita potenciales impactos negativos sobre el medio ambiente y la salud humana debidos a la possible presencia de substancias peligrosas dentro de ellos.

NLD VERWIJDERING

In overeenstemming met het Wetsbesluit nr. 49 van 14 maart 2015 "Implementatie van de Richtlijn 2012/19/EU inzake afgedankte elektrische en elektronische apparaten (AEEA)".
Het doorgekruiste vuilnisbaksymbool op het apparaat of de verpakking geeft aan dat het product aan het einde van zijn levensduur niet samen met het gewone huisvuil weggegooid mag worden. De gebruiker moet het apparaat aan het einde van zijn levensduur inleveren bij een gepast inzamelpunt of de winkel waar hij een nieuw apparaat van een gelijksoortig type zal kopen. De gebruiker kan tevens AEEA's van een zeer klein formaat (huishoudapparaten met een buitenafmeting kleiner dan 25 cm (9,84 inch)) gratis en zonder enige aankoopverplichting bij handelaars inleveren.
Een juiste verwijdering van AEEA's draagt bij tot hergebruik, recycling en terugwinning, en voorkomt potentiële negatieve effecten op het milieu en de menselijke gezondheid door de mogelijke aanwezigheid van gevaarlijke stoffen.

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CE

The product is CE marked demonstrating its conformity and is for distribution within all member states of the EU with no restrictions. This product follows the provisions of the European Directives 2014/30/EU (EMC); 2014/35/EU (LVD); 2011/65/EU (RoHS): CE marking 93/68/EEC.

Le produit est marqué CE à preuve de sa conformité et peut être distribué librement à l'intérieur des pays membres de l'union européenne EU.
Ce produit est conforme aux directives européennes 2014/30/EU (EMC) ; 2014/35/EU (LVD) ; 2011/65/EU (RoHS): marquage CE 93/68/EEC.

Het product heeft de CE-markering om de conformiteit ervan aan te tonen en is bestemd voor distributie binnen de lidstaten van de EU zonder beperkingen. Dit product volgt de bepalingen van de Europese Richtlijnen 2014/30/EU (EMC); 2014/35/EU (LVD); 2011/65/EU (RoHS): CE-markering 93/68/EEG.

Il prodotto è marchiato CE a dimostrazione della sua conformità e può essere distribuito liberamente all'interno dei paesi membri dell'Unione Europea UE. Questo prodotto è conforme alle direttive Europee: 2014/30/UE (EMC); 2014/35/UE (LVD); 2011/65/UE (RoHS): marcatura CE 93/68/EEC.

El producto lleva la marca CE que demuestra su conformidad y puede ser distribuido en todos los estados miembros de la unión europea UE.
Este producto cumple con las Directivas Europeas 2014/30/EU (EMC); 2014/35/EU (LVD); 2011/65/EU (RoHS): marca CE 93/68/EEC.

يحمل المنتَج علامة التوافق الأوروبِّي CE لإظهار توافقه مع المواصفات ذات الصلة وإمكانية توزيعه في كافَّة دول الاتِّحاد الأوروبِّي بدون أيَّة قيود.
يلبِّي هذا المنتَج جميع متطلَّبات التوجيهات الأوروبِّية EU/2014/30 (EMC); 2014/35/EU (LVD); 2011/65/EU – (RoHS):
علامة المطابقة للمواصفات الأوروبِّية CE 93/68/EEC.

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