

auta

auta comunicaciones, s.l. is very pleased to introduce to you its whole new **auta decor** range composed by new designs including external panels, monitors as well as internal phones.

We have over thirty years experience in designing and manufacturing door and video door entry systems, during which time we have always looked for the most advanced solutions. Our equipment, wich, due to its quality, technology, performance and design is adaptable to any environment, covering its necessities in its entirety and providing a high comfort level at any surrounding. We are talking about a digital technology able to resolve any type of installation, from the simple door entry system for detached houses to the most sophisticated installation at wide buildings or housing developments including multiple entrances, saving material cost and installation time.

The whole new **auta decor** range takes an important step forward in the search to totally satisfy the exigences of the installers, the professionals of the buildings industry as well as the final user.



Index

DIGITAL AND VIDEO DOOR ENTRY SYSTEM

DIGITAL AUDIO DOOR ENTRY SYSTEM. MATERIAL AND FUNCTIONING	4
DIGITAL VIDEO DOOR ENTRY SYSTEM. MATERIAL AND FUNCTIONING	5
PUSH-BUTTON PANEL CONNECTION	6
AUDIO AND VIDEO KEYPAD DOOR ENTRY SYSTEM. MATERIAL AND FUNCTIONING	7
SDL SYSTEM. MATERIAL, FUNCTIONING AND CODIFICATION	8
TWISTED PAIR. MATERIAL AND FUNCTIONING	9
DIGITAL COMPACT PHONE AND MONITOR. FUNCTIONING	10
MONITOR AND PHONE CODIFICATION IN A DIGITAL INSTALLATION	11
CODES 1-66 (PUSH-BUTTON PANELS)	12
CODES 1-254 (KEYPAD AND SDL PANELS)	13

WIRING DIAGRAMS

AUDIO DOOR ENTRY SYS.: ONE ACCESS	14
TWO ACCESSSES	15
VIDEO DOOR ENTRY SYS.: ONE ACCESS	16
TWO ACCESSSES: ONE VIDEO, ONE AUDIO	16
TWO ACCESSSES: BOTH VIDEO	17
AUDIO KEYPAD:	
ONE ACCESS	18
TWO ACCESSSES	19
ONE OUTER ACCESS AND TWO INNER ACCESSSES	20
ONE OUTER ACCESS AND "N" INNER ACCESSSES	21
VIDEO KEYPAD:	
ONE ACCESS	22
TWO ACCESSSES: ONE VIDEO, ONE AUDIO	22
TWO ACCESSSES: BOTH VIDEO	23
ONE OUTER ACCESS AND TWO AUDIO INNER ACCESSSES	24
ONE OUTER ACCESS AND FOUR INNER ACCESSSES	25
DIGITAL SWITCHBOARD:	
AUDIO SYSTEM. INTEGRATED COMPACT SWITCHBOARD	26
VIDEO SYSTEM. INTEGRATED COMPACT SWITCHBOARD	27
SDL SYSTEM:	
ONE EXTERNAL AUDIO ACCESS AND "N" INTERNAL ACCESSSES	28
TWO EXTERNAL AUDIO ACCESSSES AND "N" INTERNAL ACCESSSES	29
ONE EXTERNAL VIDEO ACCESS AND "N" INTERNAL ACCESSSES	30
TWO EXTERNAL VIDEO ACCESSSES AND "N" INTERNAL ACCESSSES	31
VISUALTECH (5WIRES):	
ONE VIDEO ACCESS AND DISTRIBUTION IN CASCADE	32
ONE VIDEO ACCESS AND 4 RISERS WITH DISTRIBUTION IN CASCADE	33
ONE VIDEO ACCESS, 2 RISERS AND FLOOR DISTRIBUTION	34
SEVERAL ACCESSSES (UP TO 15)	35
DIRECTORY/DECORPLUS:	
ONE VIDEO ACCESS	36
SEVERAL VIDEO ACCESSSES	37

VIDEO DISTRIBUTION

COAXIAL:	
VIDEO DISTRIBUTION PER FLOOR	38
VIDEO DISTRIBUTION PER FLOOR WITH AUXILIARY MONITORS OR PHONES	39
DISTRIBUTION IN CASCADE. SELECTIVE CALL	40
DISTRIBUTION IN CASCADE. SIMULTANEOUS CALL	40
TWISTED PAIR:	
ONE VIDEO ACCESS. DISTRIBUTION IN CASCADE. SELECTIVE CALL	42
ONE VIDEO ACCESS. VIDEO DISTRIBUTION PER FLOOR	43

POWER SUPPLY

ATF-98 AND ALV-DIGITAL 3.5A POWER SUPPLY UNIT DISTRIBUTION	44
---	----

ACCESSORIES

DOOR OPENER AUXILIARY PUSH-BUTTON	45
AUXILIARY 24v RELAY	45
2nd CAMERA AND 2nd DOOR OPENER SWITCHER	46
STANDALONE PROXIMITY READER	47
AUXILIARY CAMERA	47

Index

ANALOG DOOR ENTRY SYSTEM

ONE AUDIO ACCESS.BUZZER OR ELECTRONIC CALL	48
TWO AUDIO ACCESSES.ELECTRONIC CALL	49

VIDEO DOOR ENTRY SYSTEM

ONE VIDEO ACCESS WITH ANALOGICAL COMPACT MONITORS	50
TWO VIDEO ACCESSES WITH ANALOGICAL COMPACT MONITOR	51

2 WIRES (2HT) ONE WAY AUDIO KIT

FUNCTIONING AND WIRING DIAGRAM	52
WIRING DIAGRAM FOR 3 PHONE EXTENSIONS	53

REPLACEMENT

AC-900: REPLACE OF AV-900 MONITOR FOR AC-900 MONITOR	54
AC-900 RELAY	54

REPLACE OF MF-93 BY A MF-S2	55
-----------------------------	----

REPLACE OF ALV-96 BY AN ALV-DIGITAL 3.5A + ATF-12	55
---	----

DISTRIBUTION

VIDEO DISTRIBUTION PER FLOOR	56
------------------------------	----

VIDEO DISTRIBUTION PER FLOOR WITH AUXILIARY MONITORS OR PHONES	57
--	----

DISTRIBUTION IN CASCADE	58
-------------------------	----

ACCESSORIES

AUTAKEY: FUNCTIONING	59
STANDALONE WIRING DIAGRAM	59
AUTAKEY + DECOR PANEL WIRING DIAGRAM	59

ANALOG TELEPHONE INTERFACE	60
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BOARD OF EQUIVALENCES	61
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F.A.Q. -ANALOGICAL SYSTEM	62
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F.A.Q. -DIGITAL SYSTEM	63
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List of Materials

COMPONENTS	NAME	UNITS	REF.
Phone	Digital compact phone	(1)	700105
Outside panel	PD digital F (2)	(2)	6****
Mounting box	Mounting box	(2)	50902*
Power supply	ATF-98	(3)	715103
	ALV 3.5A	(3)	715403
Aux. power supply	ATF-12	(1)	715203
Module of control	Module of control	(1)	600005
Mod. files and columns	Mod. rows and columns	(1)	600002
Door opener	Door opener	(1)	720001

- (1) Units depending on installation
- (2) See series and outside panel reference in the catalogue

POWER SUPPLY	UP TO PHONES	UP TO MONITORS
ATF-98	20	10
ALV-3.5A + ATF-12*	80	40

*The power supply unit ALV-DIGITAL 3.5A does not give A/C current (R-C). So it has to be installed with an ATF-12 power supply unit to release the electrical strike & to light the cardholder

Functioning

Call from the outdoor panel

In the digital system the call is done in 2 phases:

1st phase: Pressing the push-button the panel delivers a confirmation tone.

2nd phase: Releasing the push-button the code is transmitted and the corresponding phone would ring 4 times during 30 seconds.

Traffic LED on the panel. Red LED means line engaged.

The call can be readdressed by pressing another push-button.

Picking up the phone's handset the communication starts. Red LED on the panels means line engaged.

Pressing the door release button at the phone the door will be released.

Communication will be finished by hanging up the handset or after 90 seconds.

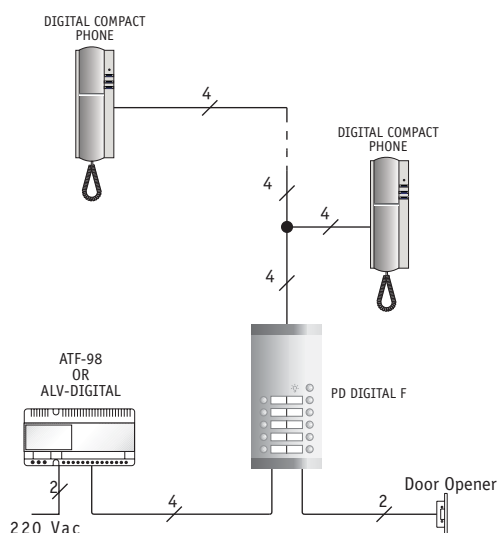
Remark:

The electrical strike is activated by 2 second impulses.

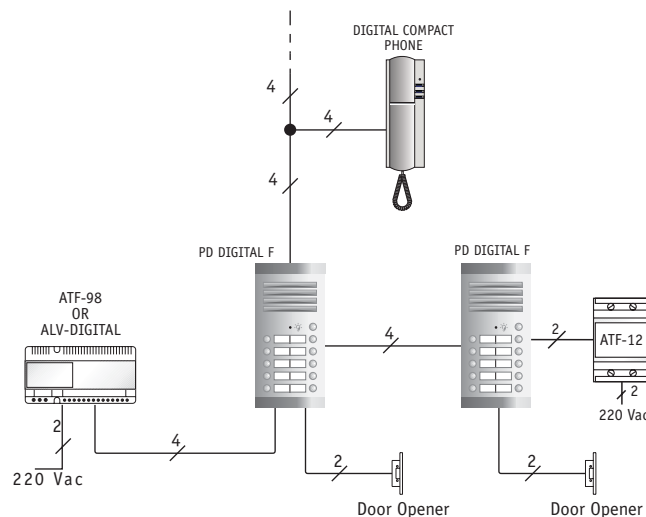
Schematic representation

WIRING SECTIONS	UP TO 100 M.	UP TO 200 M.
+ - R C	1 mm ² (17AWG)	2 mm ² (14AWG)
⏏ ⏏	0.5 mm ² (20AWG)	1 mm ² (17AWG)

1 ACCESS



2 ACCESSES



List of Materials

COMPONENTS	NAME	UNITS	REF.
Monitor	Digital compact monitor	(1)	750198
Distributor video	DVC-4S	(1)	750498
Outside panel	PD DIGITAL FV	(2)	6*****
Mounting Box	Mounting Box	(2)	50902*
Power Supply	ATF-98	(3)	715103
	ALV DIGITAL	(3)	715003
	ALV DIGITAL 3.5A	(3)	715403
Aux. power supply	ATF-12	(1)	715203
Module of control	Module of control	(1)	600005
Module files columns	Module rows and columns	(1)	600002
Door opener	Door opener	(1)	720001

- (1) Units depending on installation
- (2) See series and outside panel reference in the catalogue

POWER SUPPLY	UP TO PHONES	UP TO MONITORS
ATF-98	20	10
ALV-3.5A + ATF-12*	80	40

*The power supply unit ALV-DIGITAL 3.5A does not give A/C current (R-C). So it has to be installed with and ATF-12 power supply unit to release the electrical strike & to light the cardholder

Functioning

Call from the outdoor panel

In the digital system the call is done in 2 phases:

1st phase: Pressing the push-button the panel delivers a confirmation tone.

2nd phase: Releasing the push-button the code is transmitted and the corresponding phone would ring 4 times during 30 seconds.

Traffic LED on the panel. Red LED means line engaged.

Monitor / Phone status

ON: Green LED on.

Line engaged: Red LED on.

Call

The screen light ON when a call is received on the monitor. The monitor would ring 4 times during 30 seconds, after the 30 seconds the monitor would turn off.

The communication can be cancelled by pressing (⓪). Lift the handset up to get audio.

To release the door press (⓪)

Auxiliary Monitor

The auxiliary monitor will not get picture but when lift up the handset or doing self-starting.

Self-Starting

Video; press (⓪) button, there is no need to lift the handset up.

Audio - Video

Lift the handset up and press (⓪) button. Communication time is 90 seconds.

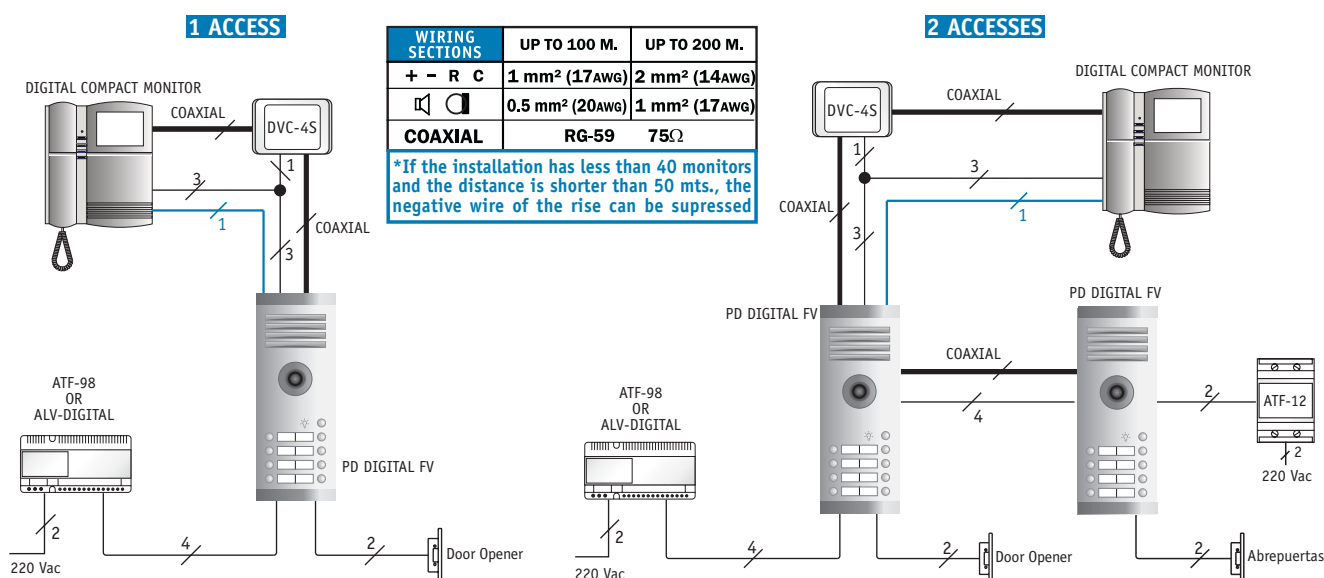
Call to guard porter

Lift the handset up and press (⓪) button. Communication time is 90 seconds.

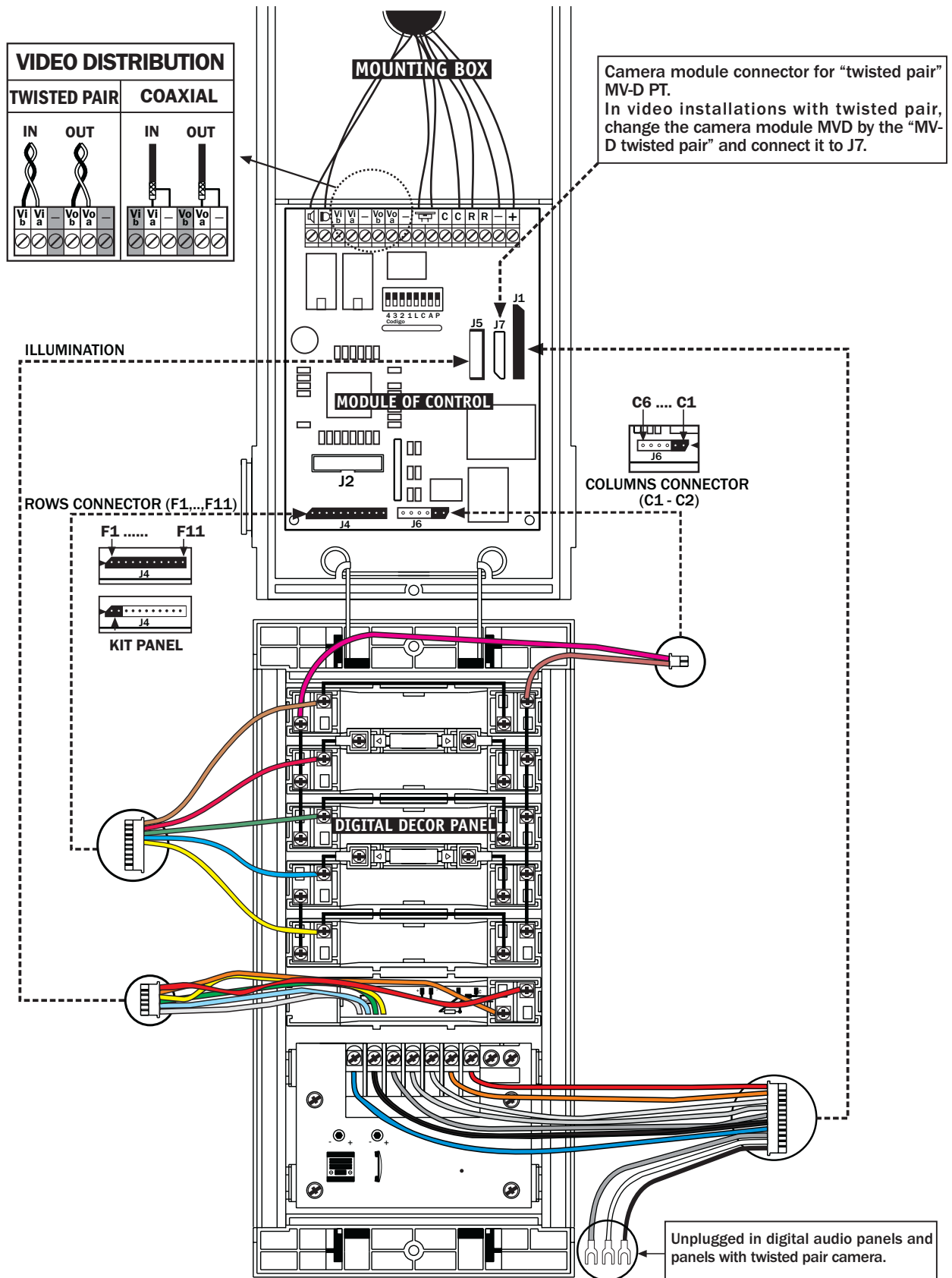
Remark:

The electrical strike is activated by 2 second impulses.

Schematic representation



Example of an audio digital panel connection. The video panel is connected the same way



List of Materials

COMPONENTS	NAMES	UNITS	REF.
Monitor	Digital compact monitor	(1)	750105
Distributor video	DVC-4S	(1)	750498
Phone	Digital decor phone	(1)	700198
Outside panel	PD DIGITAL F T	(1)	603000
	PD DIGITAL FV T	(1)	614001
Cardholder panel	PD CARDHOLDER	(1)	66*000
Mounting Box	Mounting box	(2)	50902*
Power supply	ATF-98	(3)	715103
	ALV - 3.5A*	(3)	715403
Aux. Power supply	ATF-12	(1)	715203
Module of control	Module of control	(1)	600006
Door opener	Door opener	(1)	720001

- (1) Units depending on installation
- (2) See series and outside panel reference in the catalogue

POWER SUPPLY	UP TO PHONES	UP TO MONITORS
ATF-98	20	10
ALV-3.5A + ATF-12*	80	40

*The power supply unit ALV-DIGITAL 3.5A does not give A/C current (R-C). So it has to be installed with and ATF-12 power supply unit to release the electrical strike & to light the cardholder

Functioning

Call

In the digital system the call is done in 2 phases:

1st phase: Dial the flat number on the keypad and press 

2nd phase: The flat number code is transmitted and the corresponding phone would ring 4 times during 30 seconds. The message “*CALLING* NEW CODE_ _ _” is showed up on the panel.

The call can be readdressed by repeating 1st phase.

The call can be cancelled by pressing C key.

Communication

Picking up the handset, the communication starts. The LCD screen would show the message “COMMUNICATION ESTABLISHED”.

Pressing the door release button at phone, the door will be released.

Communication will be finish by hanging up the handset or after 90 seconds. The LCD screen will show the message “END OF CALL”, then the message “INTRODUCE CODE_ _ _” will be show again.

Remark:

The electrical strike is activated by 2 seconds impulses.

Door opener function on the panel

The door release can be released from the panel's keypad:

1st phase: Push  and dial the code 0000 (code from factory).

2nd phase: Push  again, the door will be released.

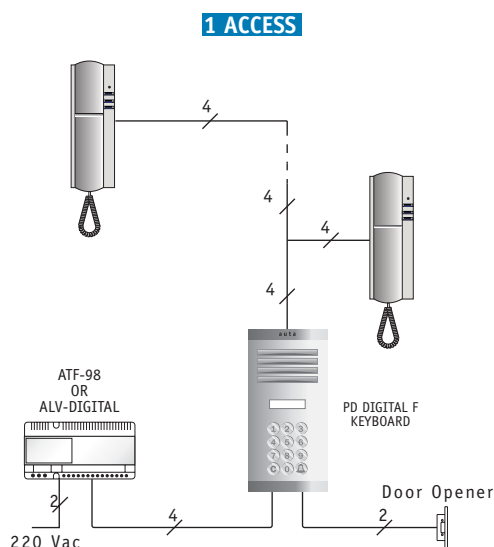
How to modify the door release code

1st phase: Push  and dial the code 1664, then push  again.

2nd phase: The panel will show you the message “OLD CODE_ _ _”. Dial the old code (0000 if is the first time the code is modified) and push .

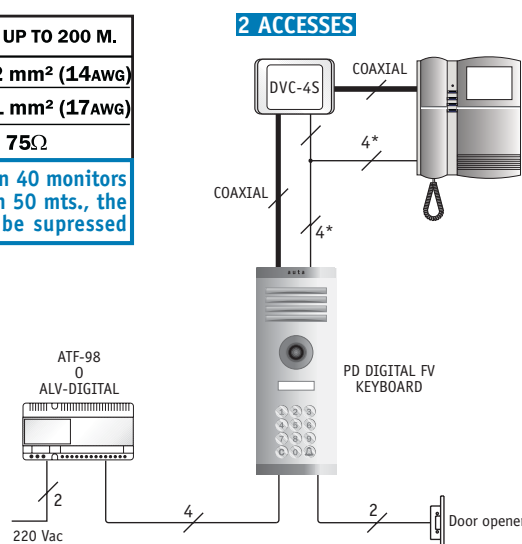
3rd phase: The message “NEW CODE_ _ _” will be show. Dial the new code and push . The new door release code is activated.

Schematic representation



WIRING SECTIONS	UP TO 100 M.	UP TO 200 M.
+ - R C	1 mm ² (17AWG)	2 mm ² (14AWG)
 	0.5 mm ² (20AWG)	1 mm ² (17AWG)
COAXIAL	RG-59	75Ω

*If the installation has less than 40 monitors and the distance is shorter than 50 mts., the negative wire of the rise can be suppressed



List of Materials

COMPONENTS	NAME	UNITS	REF.
Main access	PD DIGITAL keyboard	(1)	6*****
Module of control	Module of control SDL	(1)	600007
Internal accesses	PD DIGITAL	(1)(2)	6*****
Module of control	Module of control	(1)(2)	60000*
Mod. rows-columns	Mod. rows-columns	(1)	600002
Mounting box	Mounting box	(1)(2)	50902*
Lines selector	SDL	(1)	730121
Phone	Digital compact phone	(1)	700105
Monitor	Digital compact monitor	(1)	750105
Video distributor	DVC-4S	(1)	750498
Power supply	POWER SUPPLY	(3)	*****
Door opener	Door opener	(1)	720001

- (1) Units depending on installation.
 (2) See series and outside panel reference in the catalogue
 (3)

POWER SUPPLY	UP TO PHONES	UP TO MONITORS
ATF-98	20	10
ALV-3.5A + ATF-12*	80	40

*The power supply unit ALV-DIGITAL 3.5A does not give A/C current (R-C). So it has to be installed with and ATF-12 power supply unit to release the electrical strike & to light the cardholder

Functioning

In digital installation and thanks to the SDL is already possible to have multiple communication channels.

The new SDL permits to communicate from several common external accesses to one internal building without affect the rest of internal buildings, that could maintain simultaneously and independently its communication.

The new SDL is perfect for big condos or housing developments.

Call from the external panel

The call is done in 3 steps:

1st Step: Type the building's code & press bell . The screen will show "INTRODUCE HOUSING"

2nd Step: Type the housing's code & press bell . (If there is no answer in 10 seconds the panel will back to stand-by)

3rd Step: The panel send the housing's code to the housing called. The digital monitor or phone will ring during 30 seconds. The screen will show "**CALLING* C TO CANCEL "

In the case of mistake during the housing's typing we could rectify by pressing the key C and repeating the steps 1st & 2nd.

If the housing called is engaged the main panel will show the message "LINE ENGAGED" and will return back on stand-by.

Communication establishment from one external panel

Picking up the handset during the call the communication will be established. We will see on the screen "COMMUNICATION ESTABLISHED".

Pressing the corresponding button on the phone or monitor, during the communication, we could release the door opener.

The communication will finish hanging up the handset or 1 m 30 seconds spent. In both cases the message "COMMUNICATION ESTABLISHED" will disappeared and will be shown the message "END OF CALL" and finally the message "INTRODUCE BUILDING".

Calling and communication establishment from the internal panels.-

The internal panels could be either with keypad or push-button. Its configuration will be standard & its functioning and configuration will be the same as in an individual installation.

When a communication between an external access & an internal building is established, the building's panel will hold engaged (Red led in Push-button panel - Screen is keypad panel)

Access code

1st Step: Push  and dial the code 0000 (code from factory).

2nd Step: Push  again the door will be released.

How to modify the door release code

1st step: Push  and dial the code 1664, then push  again.

2nd step: The panel will show you the message "OLD CODE_ _ _". Dial the old code (0000 if is the first time the code is modified) and push .

3rd step: The message "NEW CODE_ _ _" will be show. Dial the new code and push . The new door release code is activated.

Codification of the installation

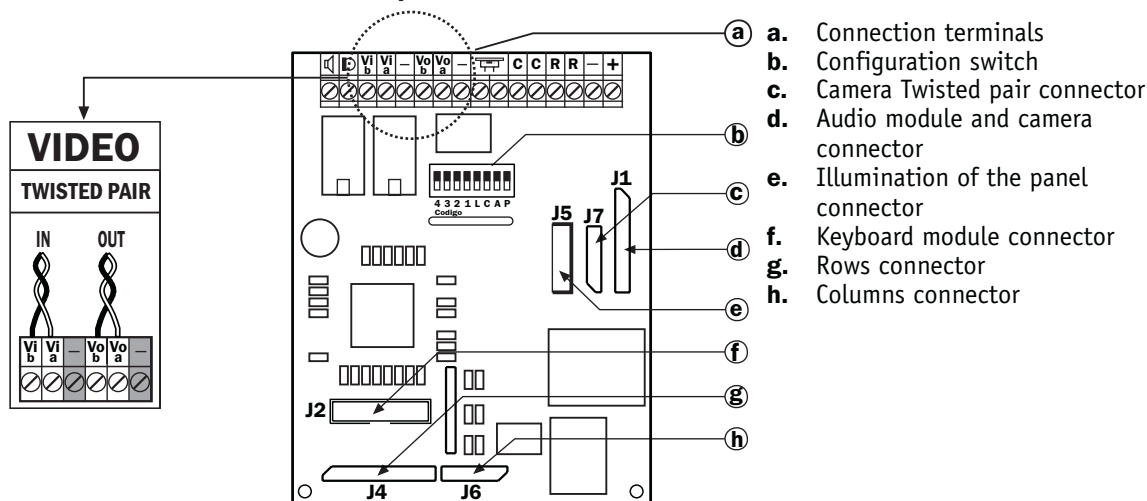
The SDL are configured from 1 to 254 (see table page 9). The assigned code will correspond to the building code.

Example: Code 1 = Building 1 Code 254 = Building 254

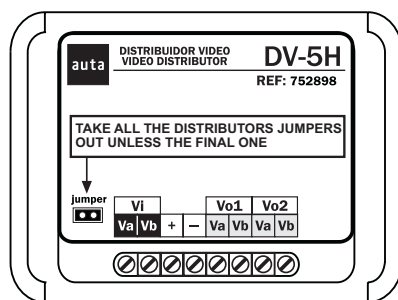
The internal panels are standard and are codified independently (see digital panel guide). A maximum of 254 monitors or phones could be installed per internal access.

To make a coaxless installation, we have to use the selected panel with the camera module MV-D PT "Twisted Pair", we have to use video distributors DV-2000 and digital "Twisted Pair" compact monitors.

MODULE OF CONTROL COAXIAL/TWISTED PAIR REF:600005

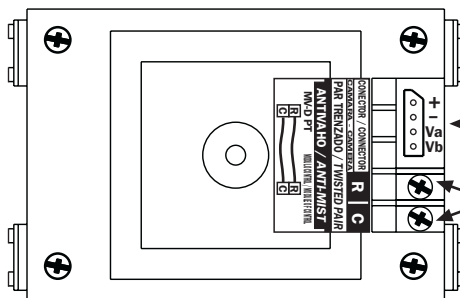


VIDEO DISTRIBUTOR DV-5H



Vi	Twisted Pair connection in the common riser
Va Vb	
+	Positive. Connected to the common positive in the whole installaton
-	Negative. Connected to the common negative in the whole installaton
Vo1	Video output 1 to the monitors
Va Vb	
Vo2	Video output 2 to the monitors
Va Vb	

MV-D PT "TWISTED PAIR"



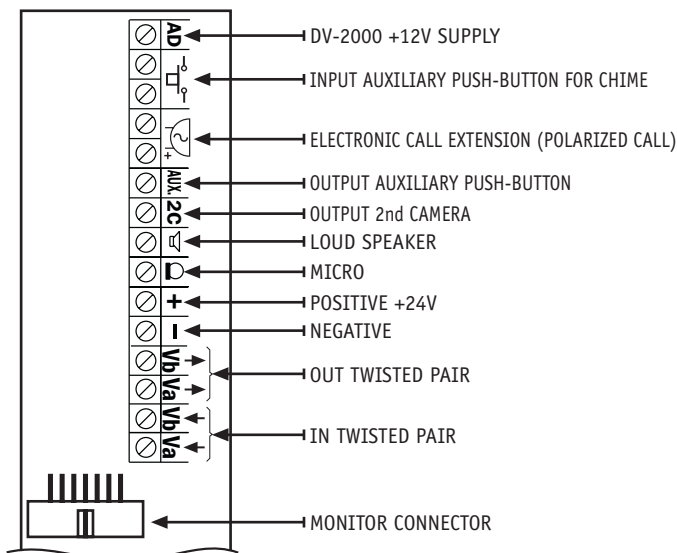
MV-D PT CAMERA CONNECTOR

Connect the MV-D PT to the J7 terminal of the module of control ref: 600005

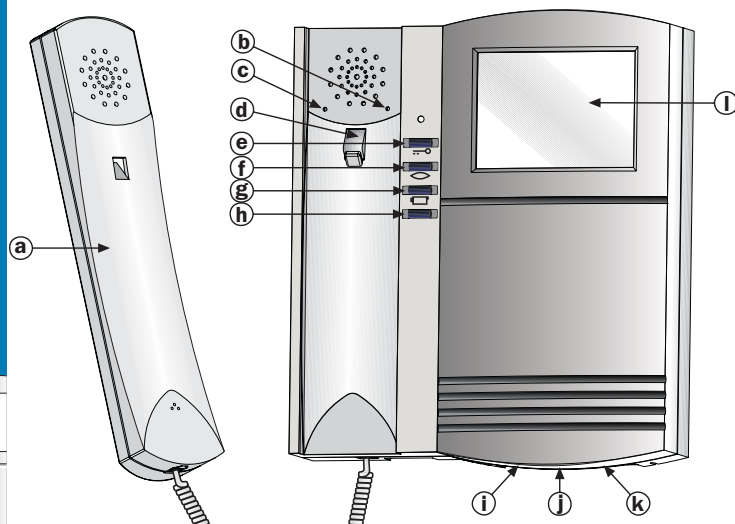
12Vac antimist allimentation

Connect the R-C of the module MV-D PT to the R-C of the module of control ref: 600005

TWISTED PAIR MONITOR CONNECTOR

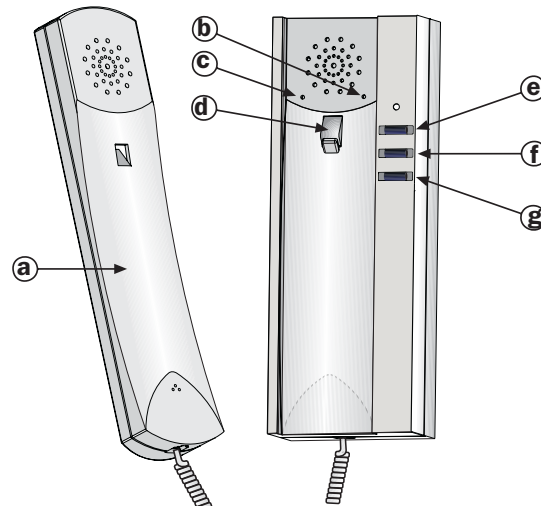


DIGITAL COMPACT MONITOR



- a** Telephone handset
- b** Multitone
- c** Volume call
- d** Hook switch
- e** Door opener
- f** Self starting
- g** 2nd camera
- h** Auxiliary
- i** On-Off
- j** Brightness
- k** Contrast
- l** Display

DIGITAL COMPACT PHONE



- a** Telephone handset
- b** Multitone
- c** Volume call
- d** Hook switch
- e** Door opener
- f** Self starting
- g** Auxiliary

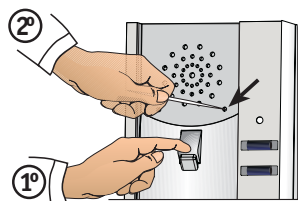
BASIC MODE

(See pages 4-5)

MELODY

The new digital COMPACT melody monitor phone includes a new selector of tones able to identify from where the monitor/phone is being called. The monitor/phone can distinguish either the call from the external panel or the call from flat's bell.

• Selection of the calling tone from the external panel



- 1° Pick up the handset and keep holding the hook switch
- 2° Push to change the calling tone in the monitor/phone

• Selection of the tone from doorbell

- 1° Pick up the handset
- 2° Push in the selected hole to change the tone in the monitor/phone
- 3° Press the hook switch before 5 seconds to listen the selected tone (4 available tones)

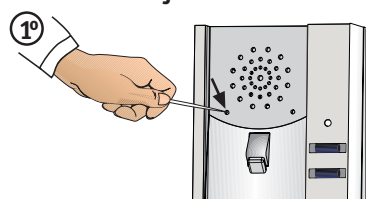
• Selection tone of the external panel

We can know which panel is making the call by 2 different tones in the monitor/phone

- 1° We have to configure the module of control with a even code (2,4,6,...) or with an odd code (1,3,5,...)
- 2° Select a calling code (Selection of the calling tone from external panel)

(Both available tones are linked to another different tone when we are making a call from a secondary panel)

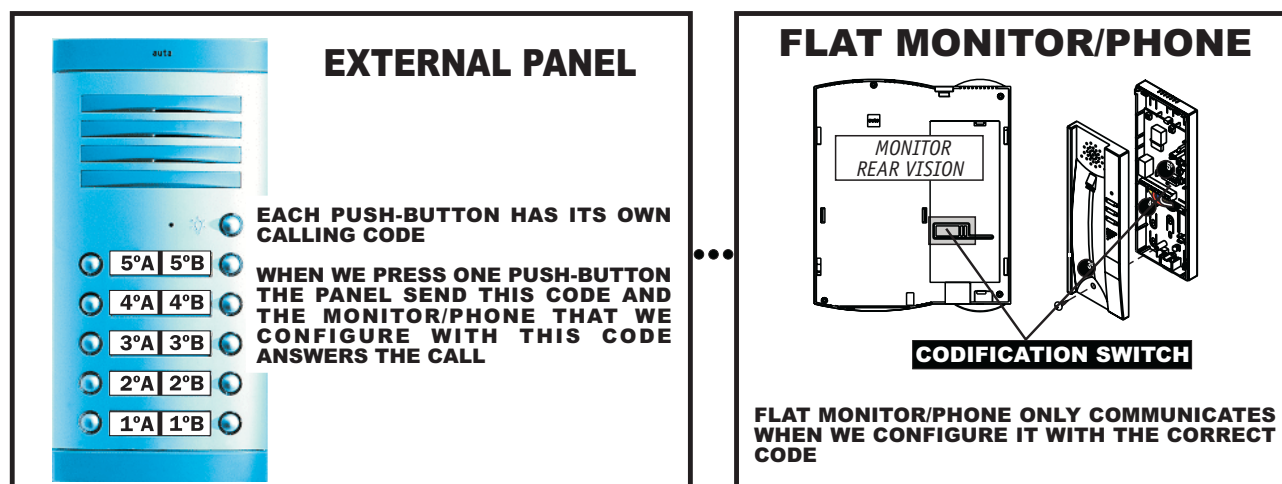
• Volume adjust



- 1° Press to change the volume (HI-LOW)

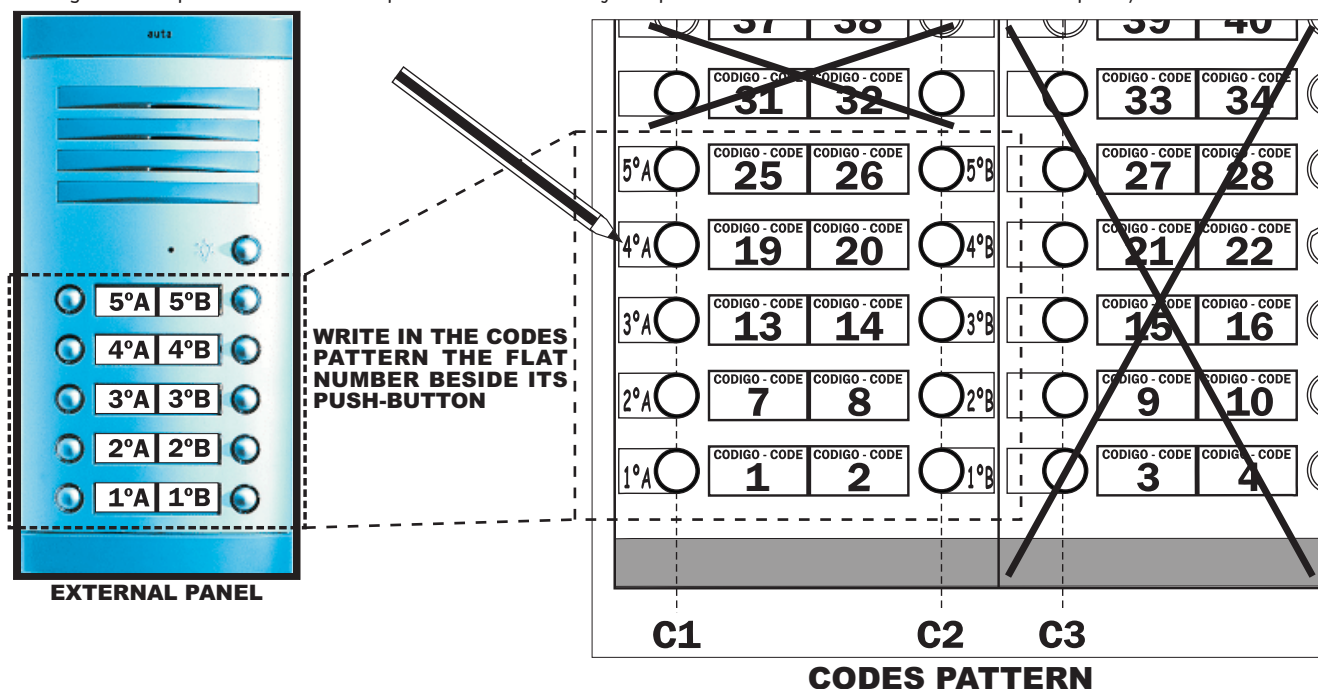
DIGITAL SYSTEM CODIFICATION

STEP 1 DIGITAL SYSTEM FUNCTIONING



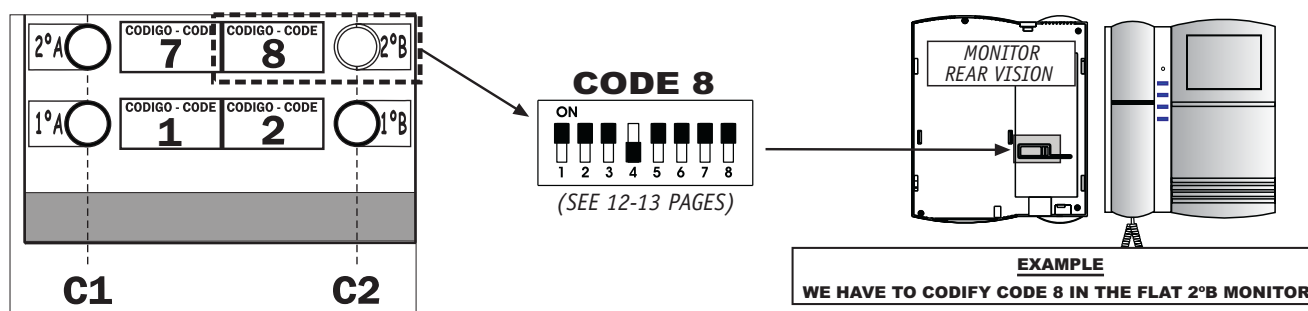
STEP 2 HOW CAN I KNOW MY PUSH-BUTTON CODES

Put together the panel with the codes pattern and select only the push-buttons that we have in our external panel/s



STEP 3 MONITOR/PHONE CODIFICATION

Carry out the codes pattern to the flat and set up the codification switch at the monitor/phone with the same push-button code



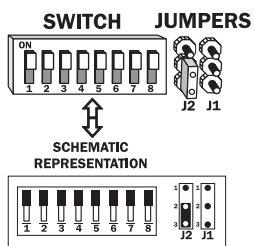
CODES PATTERN

	CODIGO - CODE 61	CODIGO - CODE 62			CODIGO - CODE 63	CODIGO - CODE 64			CODIGO - CODE 65	CODIGO - CODE 66		F11
	CODIGO - CODE 55	CODIGO - CODE 56			CODIGO - CODE 57	CODIGO - CODE 58			CODIGO - CODE 59	CODIGO - CODE 60		F10
	CODIGO - CODE 49	CODIGO - CODE 50			CODIGO - CODE 51	CODIGO - CODE 52			CODIGO - CODE 53	CODIGO - CODE 54		F9
	CODIGO - CODE 43	CODIGO - CODE 44			CODIGO - CODE 45	CODIGO - CODE 46			CODIGO - CODE 47	CODIGO - CODE 48		F8
	CODIGO - CODE 37	CODIGO - CODE 38			CODIGO - CODE 39	CODIGO - CODE 40			CODIGO - CODE 41	CODIGO - CODE 42		F7
	CODIGO - CODE 31	CODIGO - CODE 32			CODIGO - CODE 33	CODIGO - CODE 34			CODIGO - CODE 35	CODIGO - CODE 36		F6
	CODIGO - CODE 25	CODIGO - CODE 26			CODIGO - CODE 27	CODIGO - CODE 28			CODIGO - CODE 29	CODIGO - CODE 30		F5
	CODIGO - CODE 19	CODIGO - CODE 20			CODIGO - CODE 21	CODIGO - CODE 22			CODIGO - CODE 23	CODIGO - CODE 24		F4
	CODIGO - CODE 13	CODIGO - CODE 14			CODIGO - CODE 15	CODIGO - CODE 16			CODIGO - CODE 17	CODIGO - CODE 18		F3
	CODIGO - CODE 7	CODIGO - CODE 8			CODIGO - CODE 9	CODIGO - CODE 10			CODIGO - CODE 11	CODIGO - CODE 12		F2
	CODIGO - CODE 1	CODIGO - CODE 2			CODIGO - CODE 3	CODIGO - CODE 4			CODIGO - CODE 5	CODIGO - CODE 6		F1
C1	C2		C3	C4		C5	C6					

The binary codes to set up the monitors/phones are in the next page.

Codes identification from 1 to 254

In installations with digital décor panels up to 254 monitors or digital decor phones can be used for each panel.
The codification system is different to the system with push-button due to it does not use the rows and columns method.



CODE 1	CODE 2	CODE 3	CODE 4	CODE 5	CODE 6	CODE 7	CODE 8	CODE 9	CODE 10	CODE 11	CODE 12
CODE 13	CODE 14	CODE 15	CODE 16	CODE 17	CODE 18	CODE 19	CODE 20	CODE 21	CODE 22	CODE 23	CODE 24
CODE 25	CODE 26	CODE 27	CODE 28	CODE 29	CODE 30	CODE 31	CODE 32	CODE 33	CODE 34	CODE 35	CODE 36
CODE 37	CODE 38	CODE 39	CODE 40	CODE 41	CODE 42	CODE 43	CODE 44	CODE 45	CODE 46	CODE 47	CODE 48
CODE 49	CODE 50	CODE 51	CODE 52	CODE 53	CODE 54	CODE 55	CODE 56	CODE 57	CODE 58	CODE 59	CODE 60
CODE 61	CODE 62	CODE 63	CODE 64	CODE 65	CODE 66	CODE 67	CODE 68	CODE 69	CODE 70	CODE 71	CODE 72
CODE 73	CODE 74	CODE 75	CODE 76	CODE 77	CODE 78	CODE 79	CODE 80	CODE 81	CODE 82	CODE 83	CODE 84
CODE 85	CODE 86	CODE 87	CODE 88	CODE 89	CODE 90	CODE 91	CODE 92	CODE 93	CODE 94	CODE 95	CODE 96
CODE 97	CODE 98	CODE 99	CODE 100	CODE 101	CODE 102	CODE 103	CODE 104	CODE 105	CODE 106	CODE 107	CODE 108
CODE 109	CODE 110	CODE 111	CODE 112	CODE 113	CODE 114	CODE 115	CODE 116	CODE 117	CODE 118	CODE 119	CODE 120
CODE 121	CODE 122	CODE 123	CODE 124	CODE 125	CODE 126	CODE 127	CODE 128	CODE 129	CODE 130	CODE 131	CODE 132
CODE 133	CODE 134	CODE 135	CODE 136	CODE 137	CODE 138	CODE 139	CODE 140	CODE 141	CODE 142	CODE 143	CODE 144
CODE 145	CODE 146	CODE 147	CODE 148	CODE 149	CODE 150	CODE 151	CODE 152	CODE 153	CODE 154	CODE 155	CODE 156
CODE 157	CODE 158	CODE 159	CODE 160	CODE 161	CODE 162	CODE 163	CODE 164	CODE 165	CODE 166	CODE 167	CODE 168
CODE 169	CODE 170	CODE 171	CODE 172	CODE 173	CODE 174	CODE 175	CODE 176	CODE 177	CODE 178	CODE 179	CODE 180
CODE 181	CODE 182	CODE 183	CODE 184	CODE 185	CODE 186	CODE 187	CODE 188	CODE 189	CODE 190	CODE 191	CODE 192
CODE 193	CODE 194	CODE 195	CODE 196	CODE 197	CODE 198	CODE 199	CODE 200	CODE 201	CODE 202	CODE 203	CODE 204
CODE 205	CODE 206	CODE 207	CODE 208	CODE 209	CODE 210	CODE 211	CODE 212	CODE 213	CODE 214	CODE 215	CODE 216
CODE 217	CODE 218	CODE 219	CODE 220	CODE 221	CODE 222	CODE 223	CODE 224	CODE 225	CODE 226	CODE 227	CODE 228
CODE 229	CODE 230	CODE 231	CODE 232	CODE 233	CODE 234	CODE 235	CODE 236	CODE 237	CODE 238	CODE 239	CODE 240
CODE 241	CODE 242	CODE 243	CODE 244	CODE 245	CODE 246	CODE 247	CODE 248	CODE 249	CODE 250	CODE 251	CODE 252
CODE 253	CODE 254										

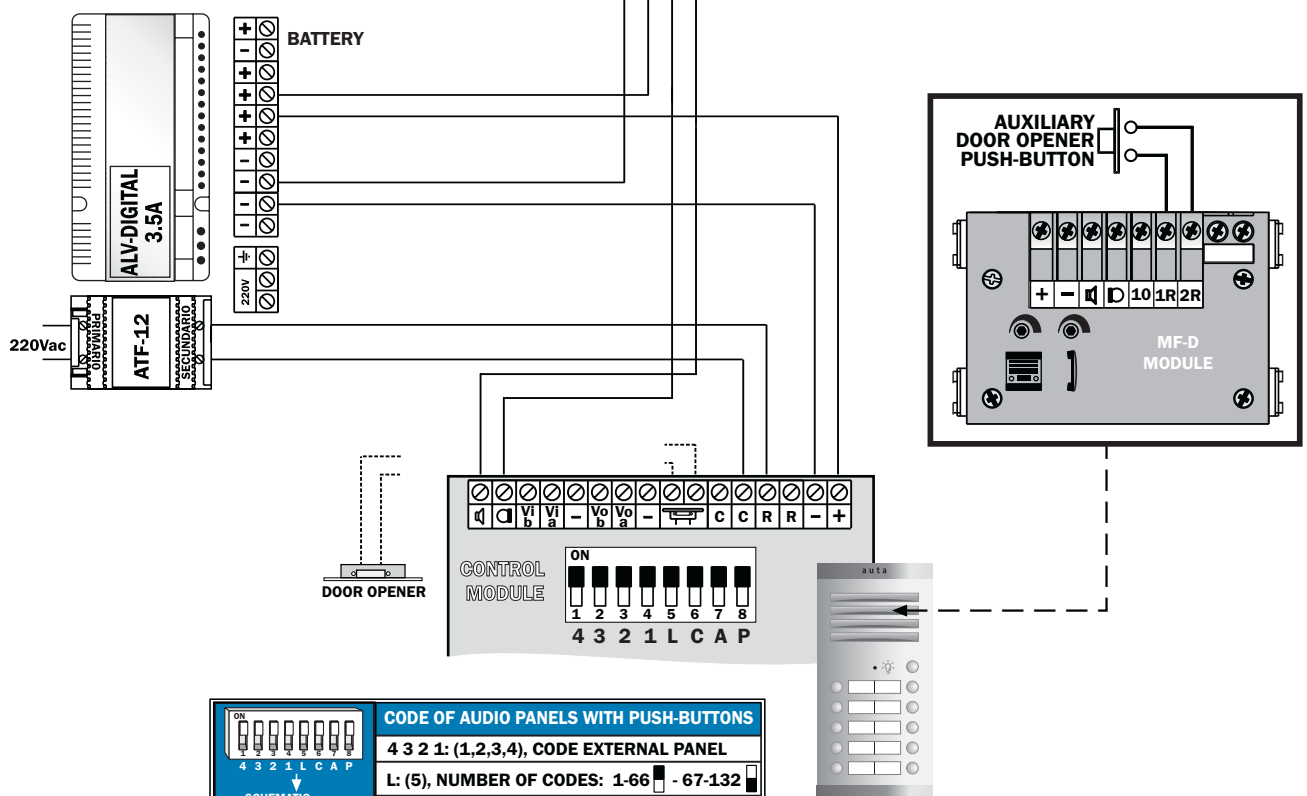
Note: It is possible to use the codes pattern 1-254 to codify SDL (Digital Lines Selector)



WIRING SECTIONS	UP TO 100 M.	UP TO 200 M.
+ - R C	1 mm ² (17AWG)	2 mm ² (14AWG)
 	0.5 mm ² (20AWG)	1 mm ² (17AWG)

POWER SUPPLY	UP TO PHONES	UP TO MONITORS
ATF-98	20	10
ALV-3.5A + ATF-12*	80	40

*The power supply unit ALV-DIGITAL 3.5A does not give A/C current (R-C). So it has to be installed with and ATF-12 power supply unit to release the electrical strike & to light the cardholder

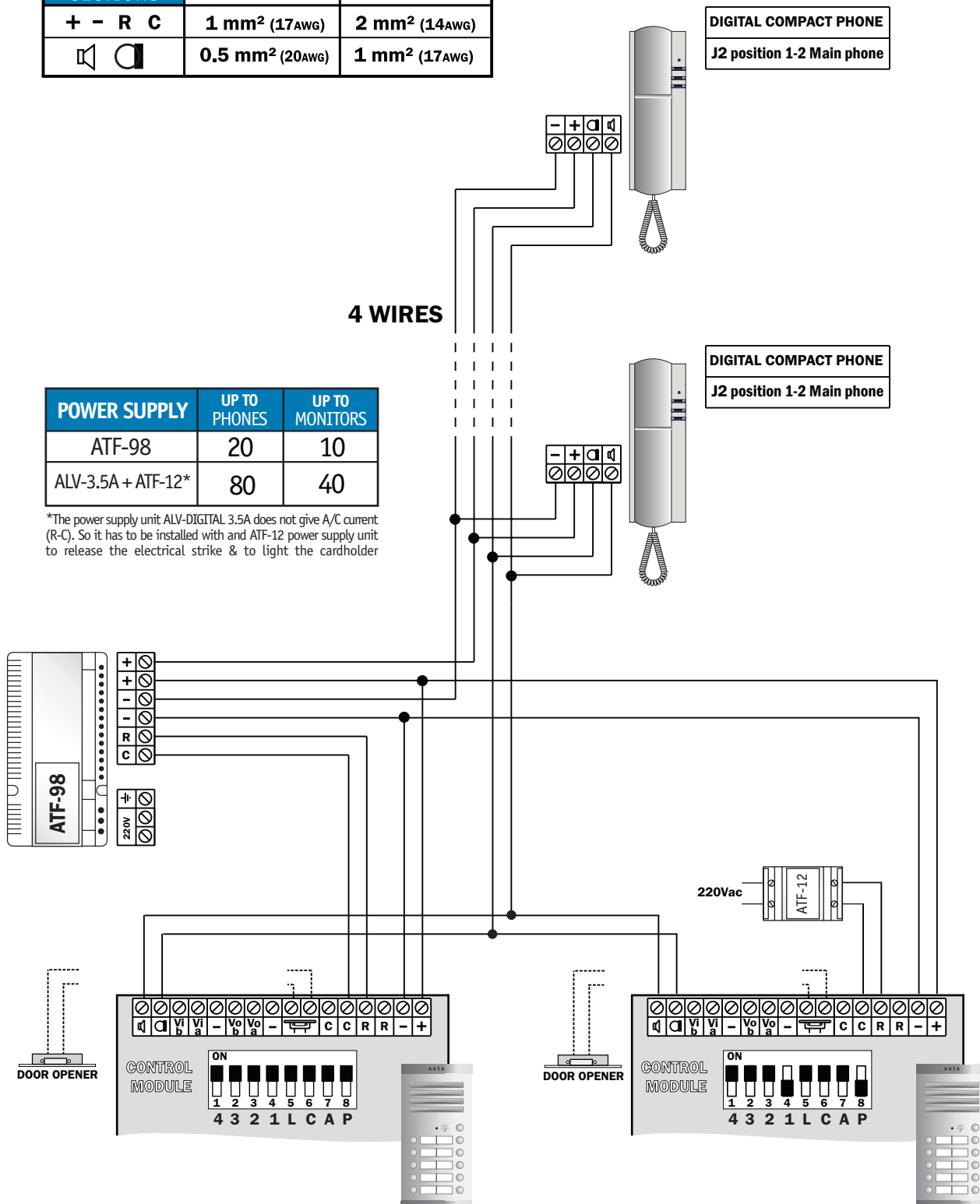


CODE OF AUDIO PANELS WITH PUSH-BUTTONS
4 3 2 1: (1,2,3,4), CODE EXTERNAL PANEL
L: (5), NUMBER OF CODES: 1-66 - 67-132
C: (6), CALL TO CENTRAL: ACT - DES
A: (7), SELF STARTING (JUST FOR VIDEO PANELS)
P: (8), PANEL MAIN - AUXILIARY

WIRING SECTIONS	UP TO 100 M.	UP TO 200 M.
+ - R C	1 mm ² (17AWG)	2 mm ² (14AWG)
 	0.5 mm ² (20AWG)	1 mm ² (17AWG)

POWER SUPPLY	UP TO PHONES	UP TO MONITORS
ATF-98	20	10
ALV-3.5A + ATF-12*	80	40

*The power supply unit ALV-DIGITAL 3.5A does not give A/C current (R-C). So it has to be installed with and ATF-12 power supply unit to release the electrical strike & to light the cardholder



CODE OF AUDIO PANELS WITH PUSH-BUTTONS
4 3 2 1: (1,2,3,4), CODE EXTERNAL PANEL
L: (5), NUMBER OF CODES: 1-66  - 67-132 
C: (6), CALL TO CENTRAL: ACT  - DES 
A: (7), SELF STARTING (JUST FOR VIDEO PANELS)
P: (8), PANEL MAIN  - AUXILIARY 

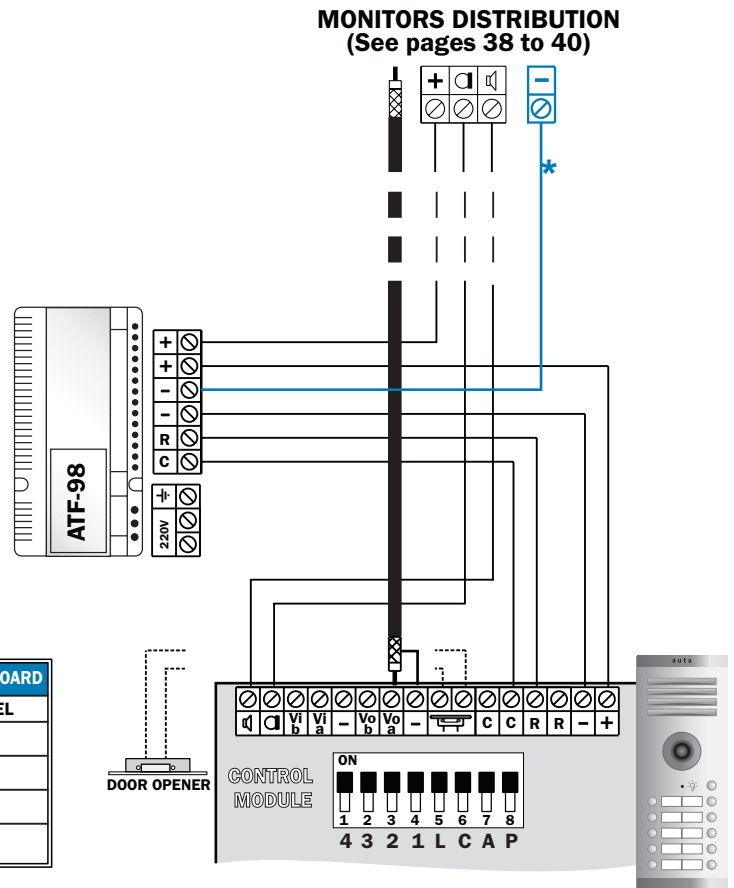
WIRING SECTIONS	UP TO 100 M.	UP TO 200 M.
+ - R C	1 mm ² (17AWG)	2 mm ² (14AWG)
 	0.5 mm ² (20AWG)	1 mm ² (17AWG)
COAXIAL	RG-59	75Ω

*If the installation has less than 40 monitors and the distance is shorter than 50 mts., the negative wire of the rise can be suppressed

POWER SUPPLY	UP TO PHONES	UP TO MONITORS
ATF-98	20	10
ALV-3.5A + ATF-12*	80	40

*The power supply unit ALV-DIGITAL 3.5A does not give A/C current (R-C). So it has to be installed with and ATF-12 power supply unit to release the electrical strike & to light the cardholder

CODE OF AUDIO/VIDEO PANELS WITH KEYBOARD
4 3 2 1: (1,2,3,4), CODE EXTERNAL PANEL
L: (5), LANGUAGE SELECTION: A  - B 
C: (6), CALL TO CENTRAL: ON  - OFF 
A: (7), SELF STARTING: ON  - OFF 
P: (8), PANEL MAIN  - AUXILIARY 

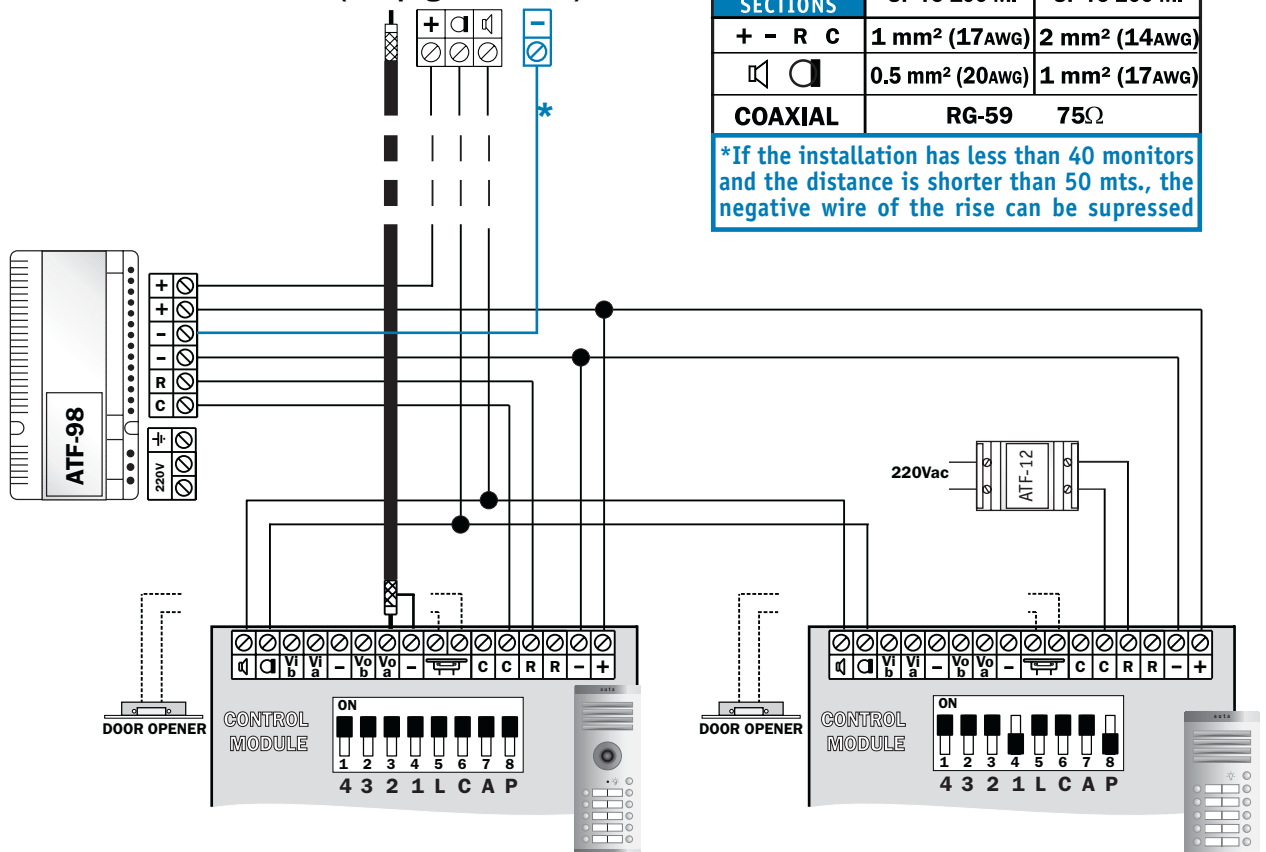


Two accesses: One video, One audio

MONITORS DISTRIBUTION (See pages 38 to 40)

WIRING SECTIONS	UP TO 100 M.	UP TO 200 M.
+ - R C	1 mm ² (17AWG)	2 mm ² (14AWG)
 	0.5 mm ² (20AWG)	1 mm ² (17AWG)
COAXIAL	RG-59	75Ω

*If the installation has less than 40 monitors and the distance is shorter than 50 mts., the negative wire of the rise can be suppressed

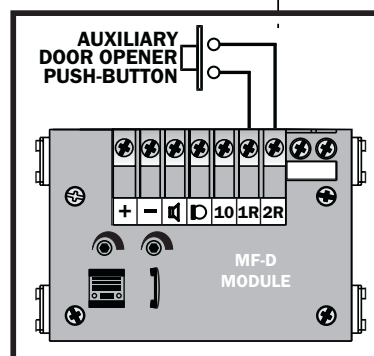
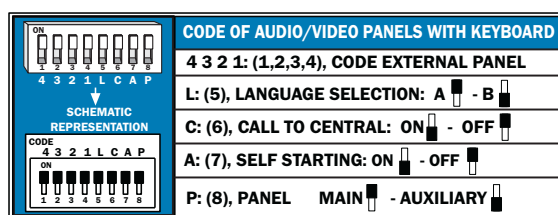
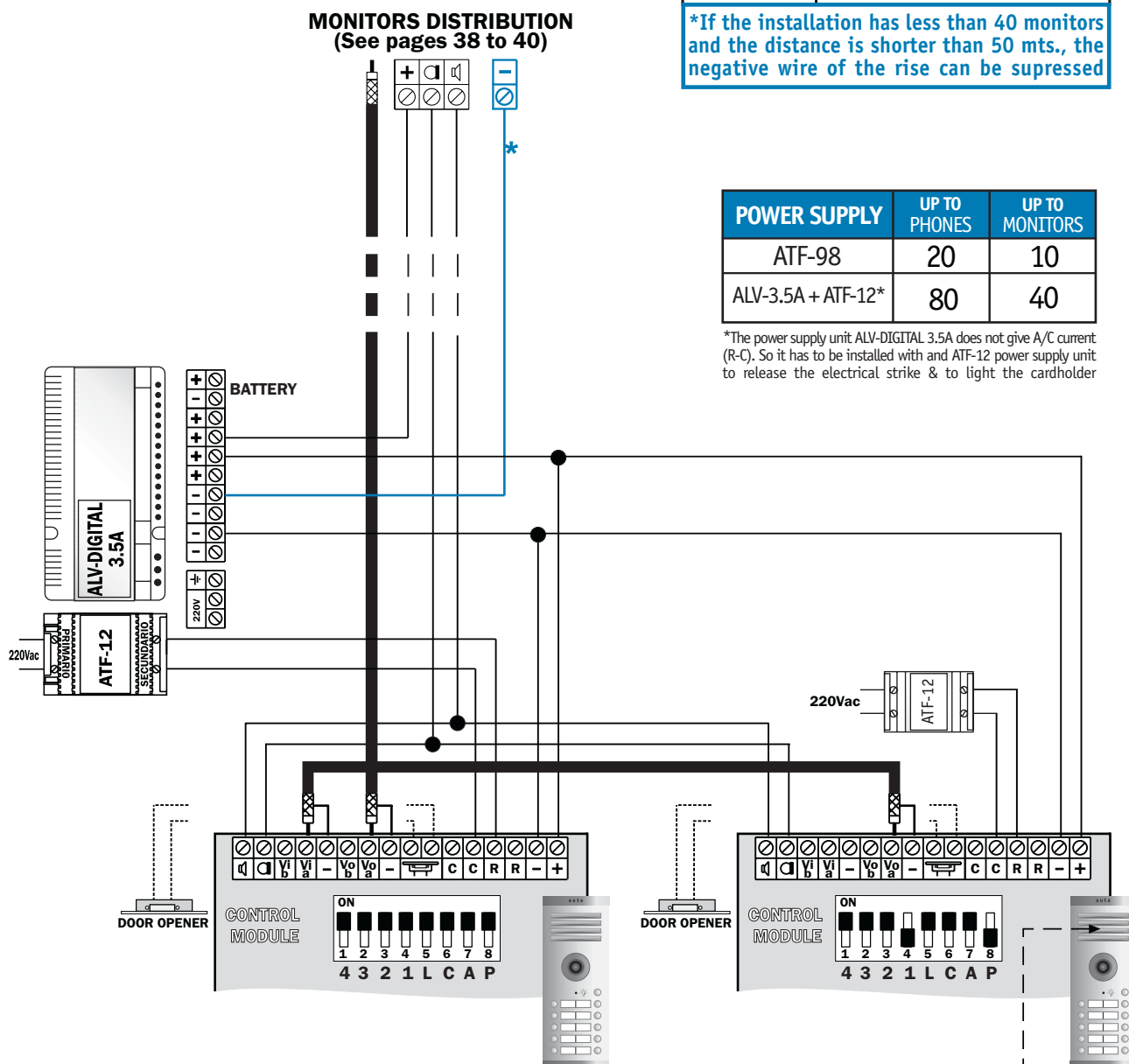


WIRING SECTIONS	UP TO 100 M.	UP TO 200 M.
+ - R C	1 mm ² (17AWG)	2 mm ² (14AWG)
	0.5 mm ² (20AWG)	1 mm ² (17AWG)
COAXIAL	RG-59	75Ω

*If the installation has less than 40 monitors and the distance is shorter than 50 mts., the negative wire of the rise can be suppressed

POWER SUPPLY	UP TO PHONES	UP TO MONITORS
ATF-98	20	10
ALV-3.5A + ATF-12*	80	40

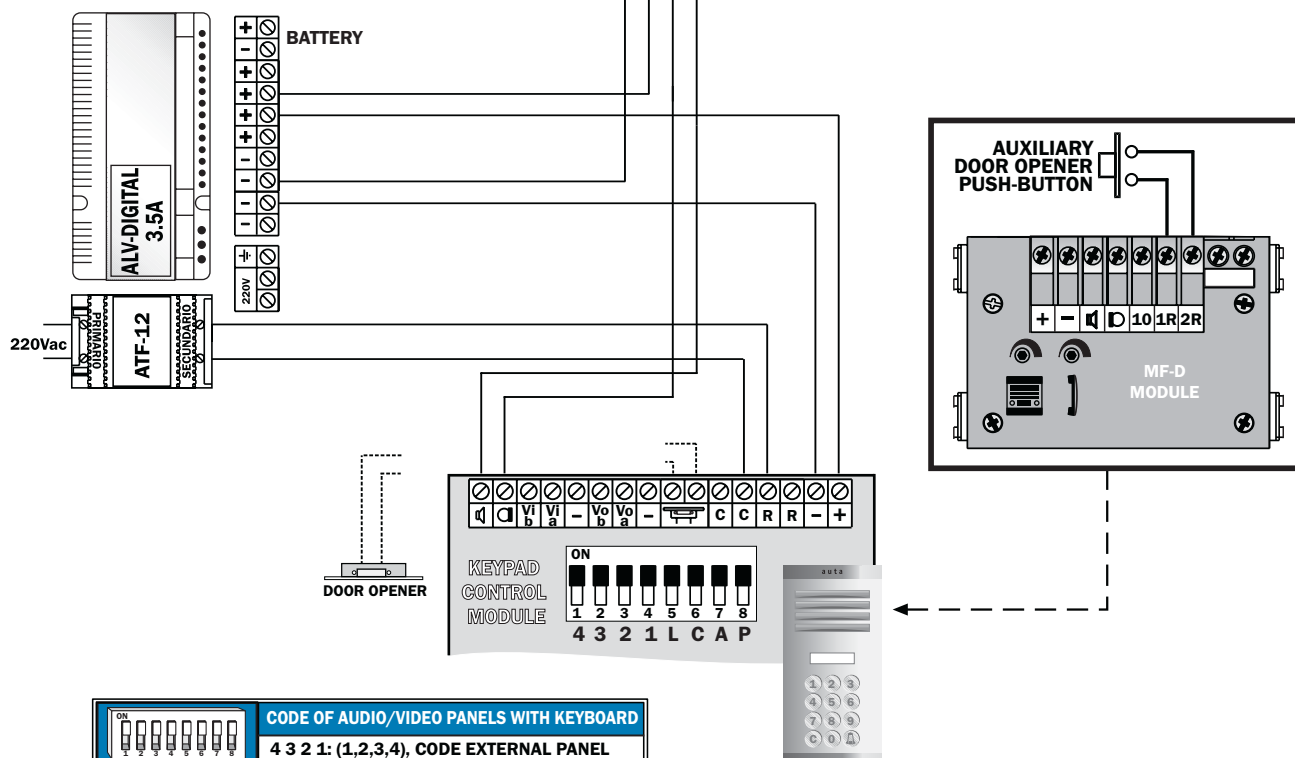
*The power supply unit ALV-DIGITAL 3.5A does not give A/C current (R-C). So it has to be installed with and ATF-12 power supply unit to release the electrical strike & to light the cardholder



WIRING SECTIONS	UP TO 100 M.	UP TO 200 M.
+ - R C	1 mm ² (17AWG)	2 mm ² (14AWG)
 	0.5 mm ² (20AWG)	1 mm ² (17AWG)

POWER SUPPLY	UP TO PHONES	UP TO MONITORS
ATF-98	20	10
ALV-3.5A + ATF-12*	80	40

*The power supply unit ALV-DIGITAL 3.5A does not give A/C current (R-C). So it has to be installed with and ATF-12 power supply unit to release the electrical strike & to light the cardholder



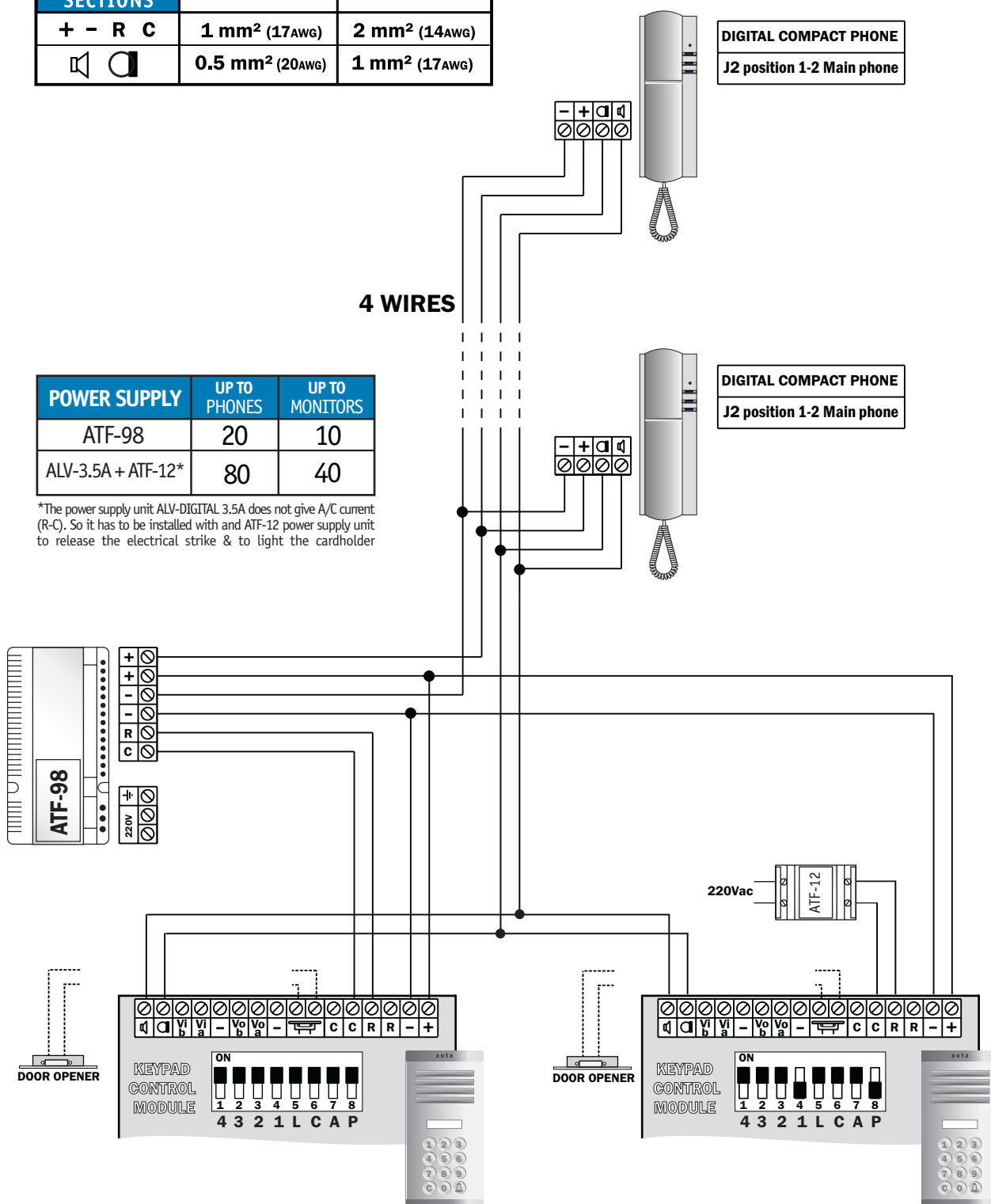
CODE OF AUDIO/VIDEO PANELS WITH KEYBOARD
 SCHEMATIC REPRESENTATION
4 3 2 1: (1,2,3,4), CODE EXTERNAL PANEL
L: (5), LANGUAGE SELECTION: A - B
C: (6), CALL TO CENTRAL: ON - OFF
A: (7), SELF STARTING: ON - OFF
P: (8), PANEL MAIN - AUXILIARY

Two accesses

WIRING SECTIONS	UP TO 100 M.	UP TO 200 M.
+ - R C	1 mm ² (17AWG)	2 mm ² (14AWG)
 	0.5 mm ² (20AWG)	1 mm ² (17AWG)

POWER SUPPLY	UP TO PHONES	UP TO MONITORS
ATF-98	20	10
ALV-3.5A + ATF-12*	80	40

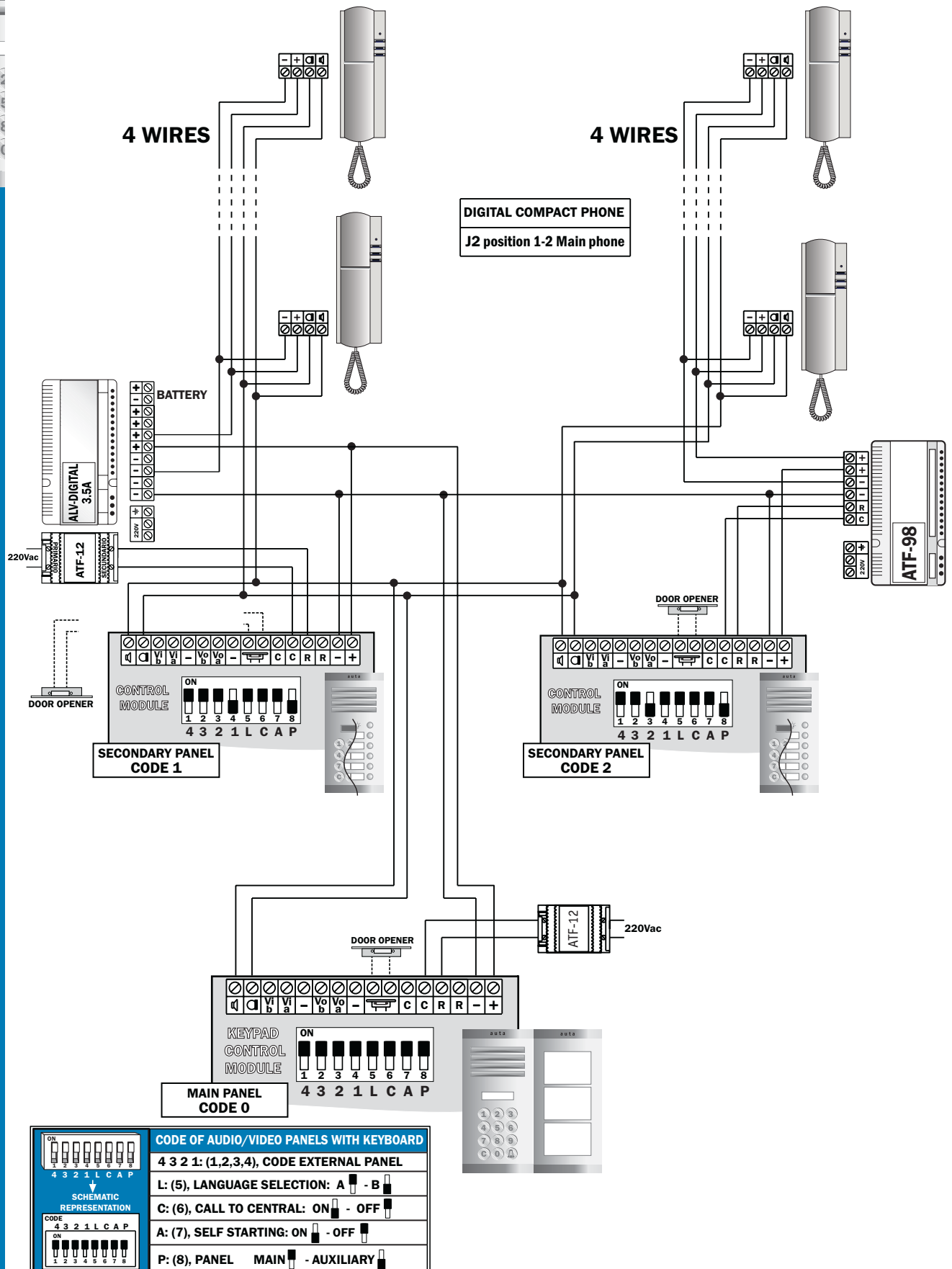
*The power supply unit ALV-DIGITAL 3.5A does not give A/C current (R-C). So it has to be installed with and ATF-12 power supply unit to release the electrical strike & to light the cardholder



CODE OF AUDIO/VIDEO PANELS WITH KEYBOARD
4 3 2 1: (1,2,3,4), CODE EXTERNAL PANEL
L: (5), LANGUAGE SELECTION: A  - B 
C: (6), CALL TO CENTRAL: ON  - OFF 
A: (7), SELF STARTING: ON  - OFF 
P: (8), PANEL MAIN  - AUXILIARY 

The system allows only one communication line. The SDL system is recommended for such a kind of system (See Pag.28).

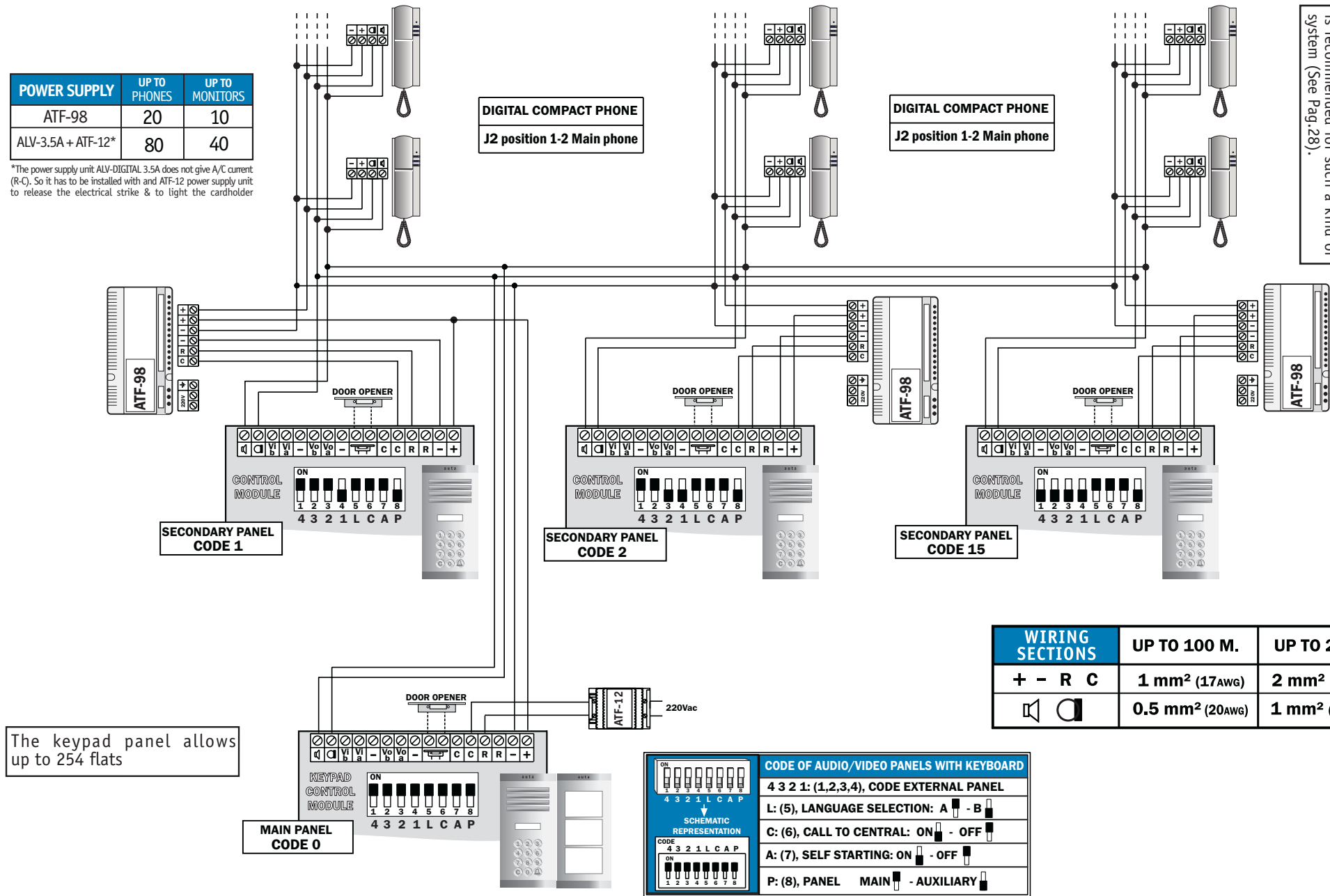
WIRING SECTIONS	UP TO 100 M.	UP TO 200 M.
+ - R C	1 mm ² (17AWG)	2 mm ² (14AWG)
 	0.5 mm ² (20AWG)	1 mm ² (17AWG)



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*The power supply unit ALV-DIGITAL 3.5A does not give A/C current (R-C). So it has to be installed with and ATF-12 power supply unit to release the electrical strike & to light the cardholder



The keypad panel allows up to 254 flats

WIRING SECTIONS	UP TO 100 M.	UP TO 200 M.
+ - R C	1 mm ² (17AWG)	2 mm ² (14AWG)
🔊 🔇	0.5 mm ² (20AWG)	1 mm ² (17AWG)

SCHEMATIC REPRESENTATION

CODE OF AUDIO/VIDEO PANELS WITH KEYBOARD

4 3 2 1: (1,2,3,4), CODE EXTERNAL PANEL

L: (5), LANGUAGE SELECTION: A - B

C: (6), CALL TO CENTRAL: ON - OFF

A: (7), SELF STARTING: ON - OFF

P: (8), PANEL MAIN - AUXILIARY

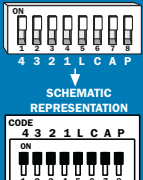


WIRING SECTIONS	UP TO 100 M.	UP TO 200 M.
+ - R C	1 mm ² (17AWG)	2 mm ² (14AWG)
 	0.5 mm ² (20AWG)	1 mm ² (17AWG)
COAXIAL	RG-59	75Ω

*If the installation has less than 40 monitors and the distance is shorter than 50 mts., the negative wire of the rise can be suppressed

POWER SUPPLY	UP TO PHONES	UP TO MONITORS
ATF-98	20	10
ALV-3.5A + ATF-12*	80	40

*The power supply unit ALV-DIGITAL 3.5A does not give A/C current (R-C). So it has to be installed with and ATF-12 power supply unit to release the electrical strike & to light the cardholder



ON
4 3 2 1 L C A P

SCHEMATIC REPRESENTATION

CODE
4 3 2 1 L C A P

ON
1 2 3 4 5 6 7 8

CODE OF AUDIO/VIDEO PANELS WITH KEYBOARD

4 3 2 1: (1,2,3,4), CODE EXTERNAL PANEL

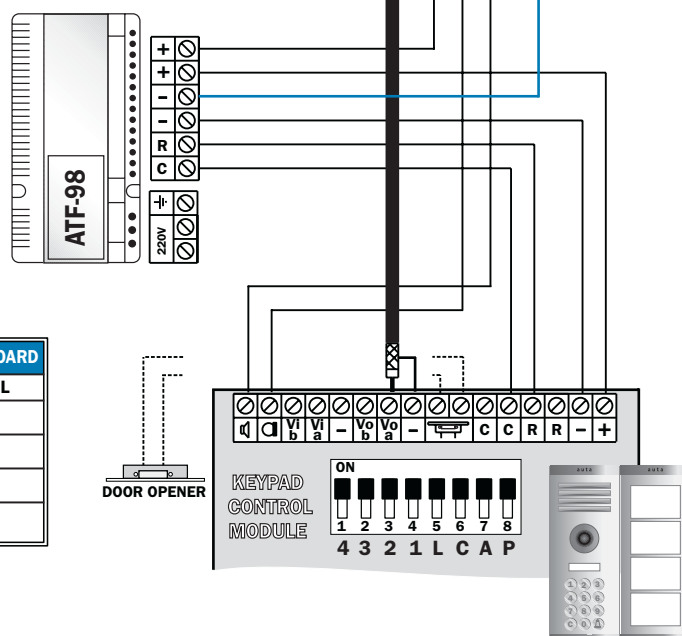
L: (5), LANGUAGE SELECTION: A - B

C: (6), CALL TO CENTRAL: ON - OFF

A: (7), SELF STARTING: ON - OFF

P: (8), PANEL MAIN - AUXILIARY

MONITORS DISTRIBUTION (See pages 38 to 40)

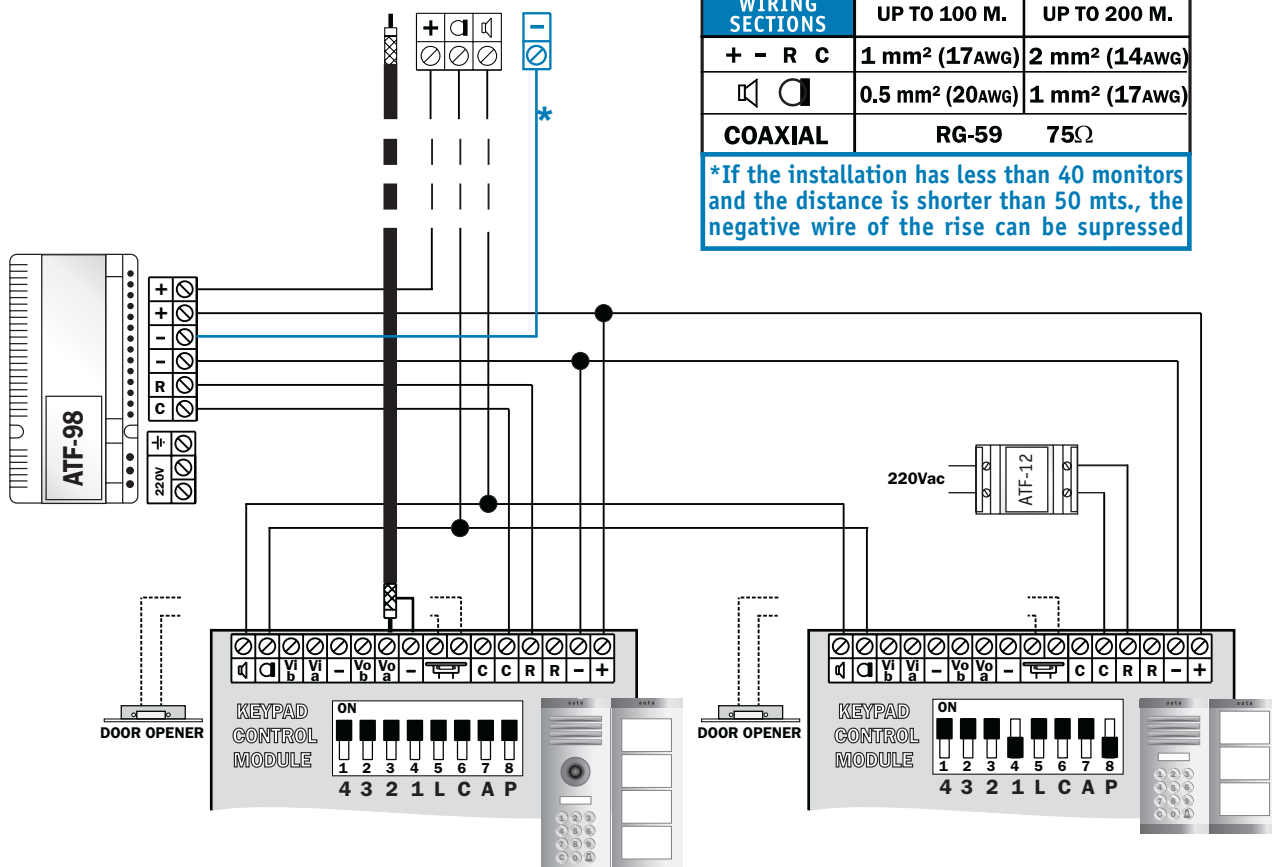


Two accesses: One video, One audio

MONITORS DISTRIBUTION (See pages 38 to 40)

WIRING SECTIONS	UP TO 100 M.	UP TO 200 M.
+ - R C	1 mm ² (17AWG)	2 mm ² (14AWG)
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COAXIAL	RG-59	75Ω

*If the installation has less than 40 monitors and the distance is shorter than 50 mts., the negative wire of the rise can be suppressed

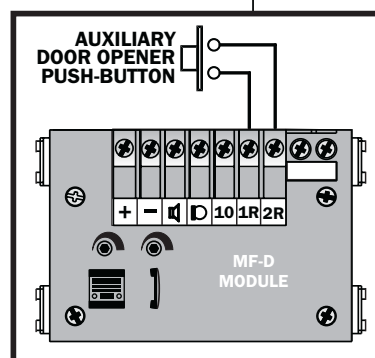
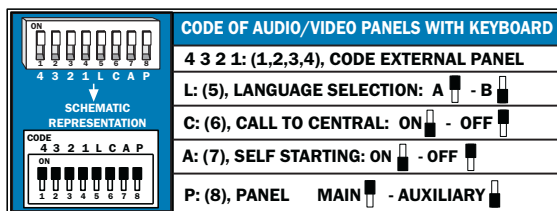
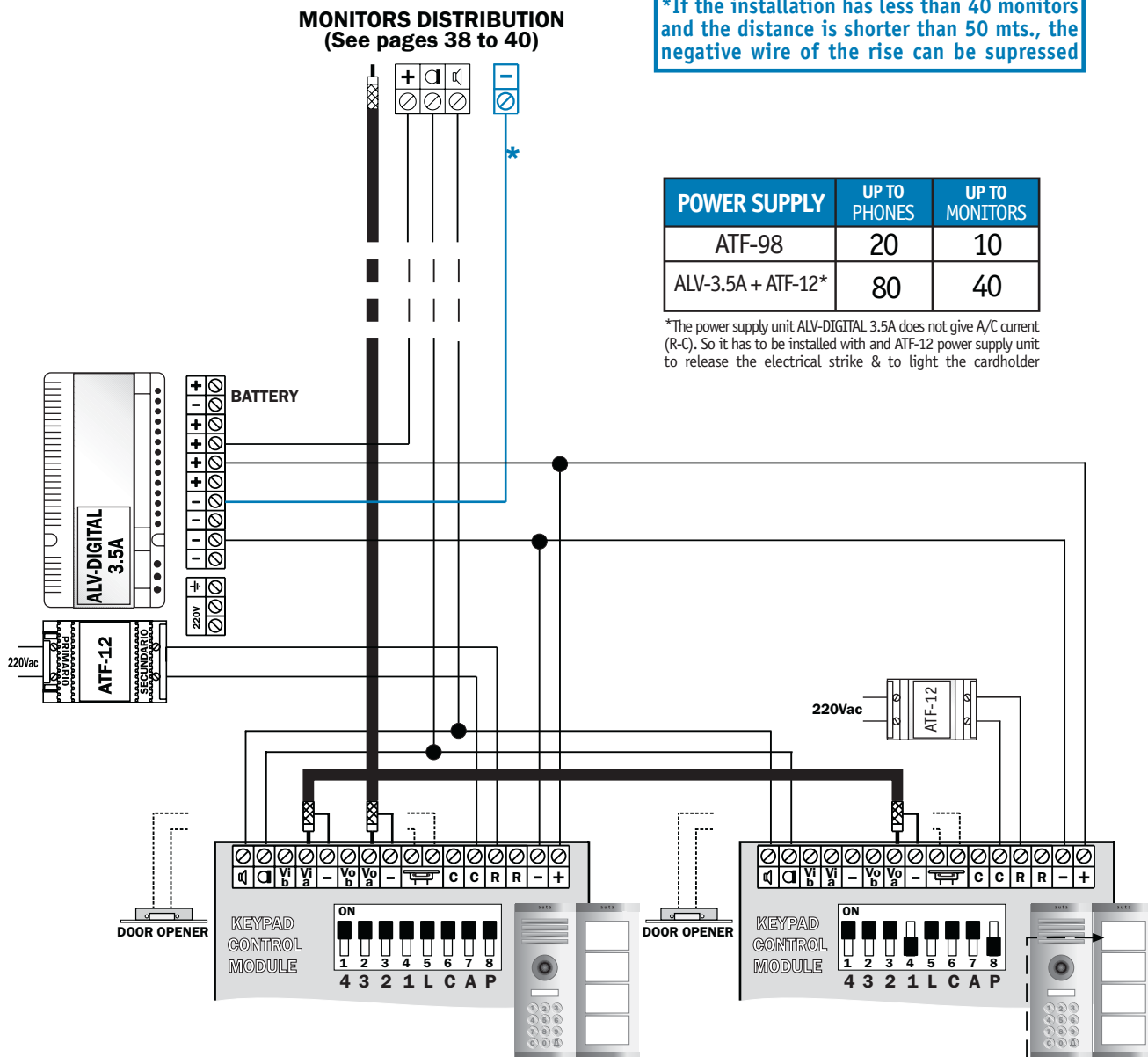


WIRING SECTIONS	UP TO 100 M.	UP TO 200 M.
+ - R C	1 mm ² (17AWG)	2 mm ² (14AWG)
 	0.5 mm ² (20AWG)	1 mm ² (17AWG)
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*If the installation has less than 40 monitors and the distance is shorter than 50 mts., the negative wire of the rise can be suppressed

POWER SUPPLY	UP TO PHONES	UP TO MONITORS
ATF-98	20	10
ALV-3.5A + ATF-12*	80	40

*The power supply unit ALV-DIGITAL 3.5A does not give A/C current (R-C). So it has to be installed with and ATF-12 power supply unit to release the electrical strike & to light the cardholder



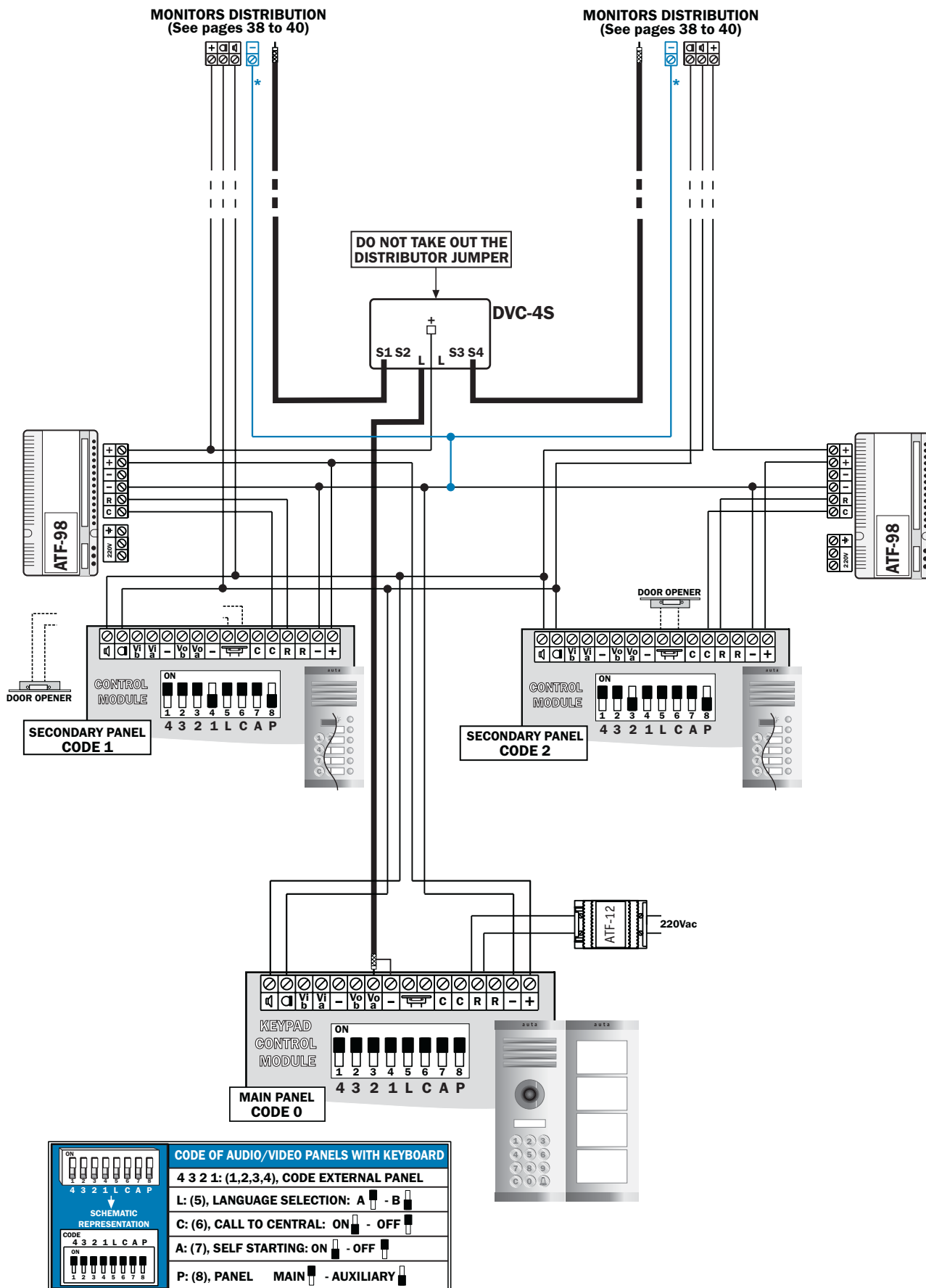
The system allows only one communication line. The SDL system is recommended for such a kind of system (See Pag.28).

WIRING SECTIONS	UP TO 100 M.	UP TO 200 M.
+ - R C	1 mm ² (17Awg)	2 mm ² (14Awg)
⏏	0.5 mm ² (20Awg)	1 mm ² (17Awg)
COAXIAL	RG-59	75Ω

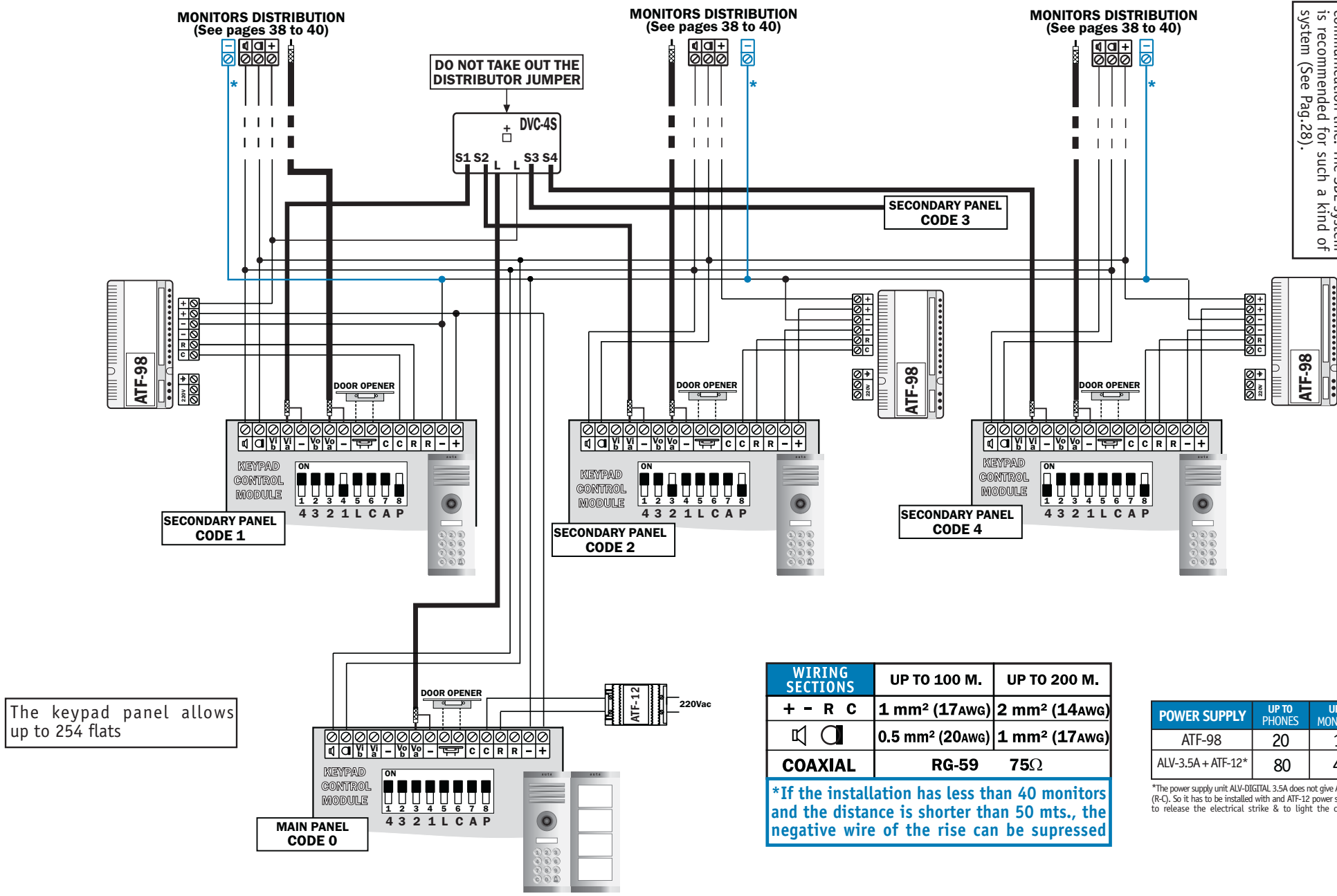
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POWER SUPPLY	UP TO PHONES	UP TO MONITORS
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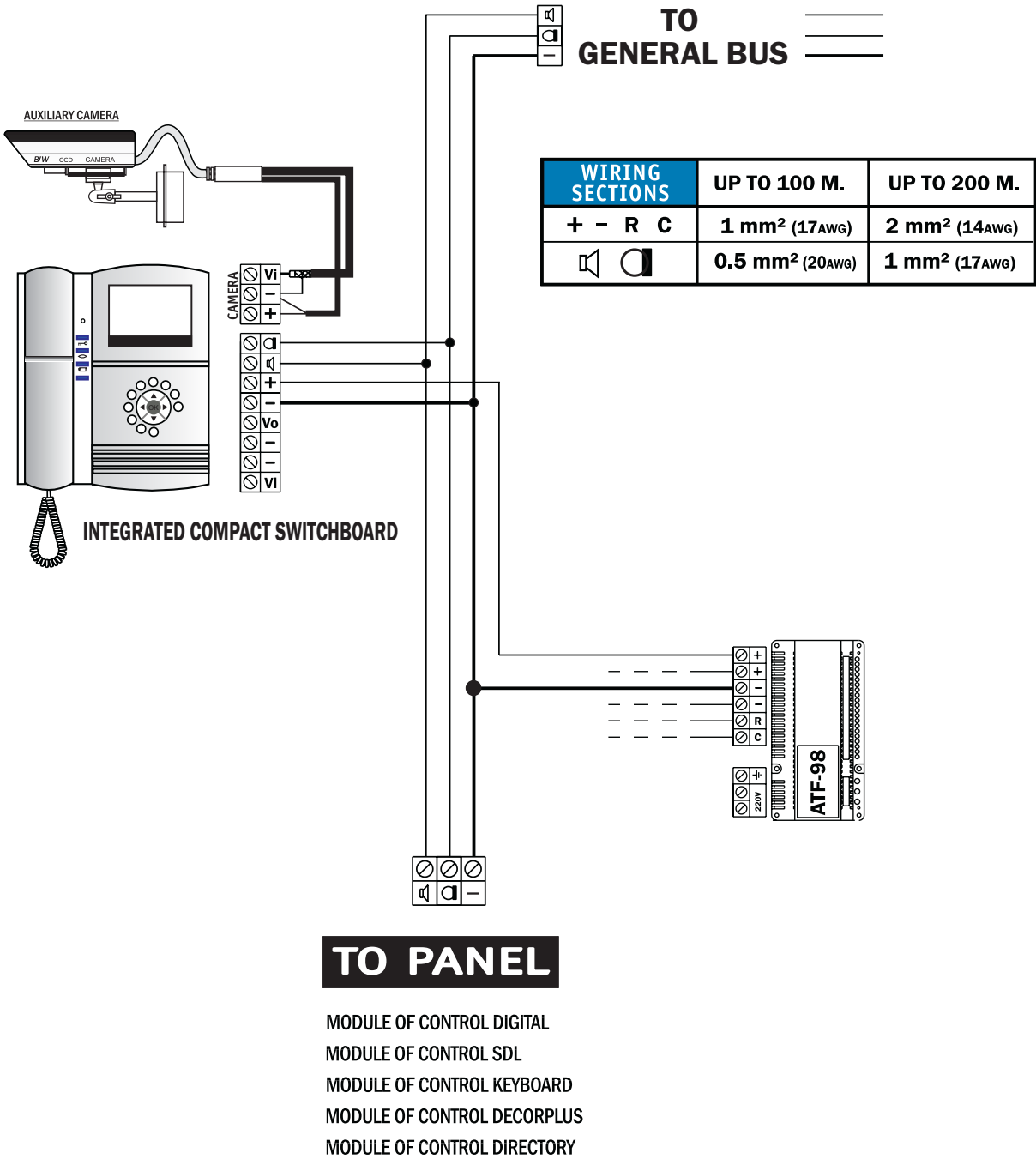
WIRING SECTIONS	UP TO 100 M.	UP TO 200 M.
+ - R C	1 mm ² (17AWG)	2 mm ² (14AWG)
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ATF-98	20	10
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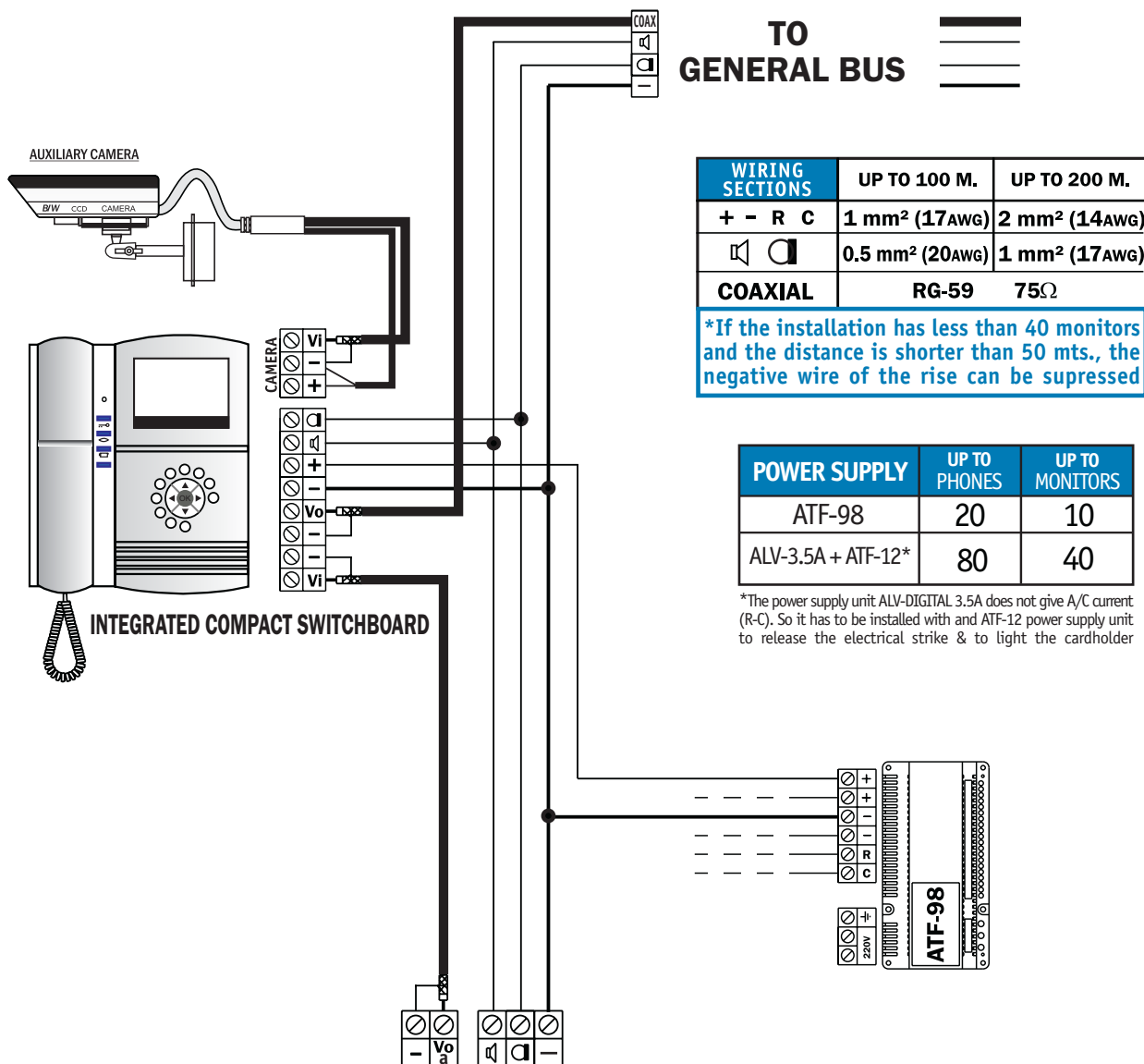
*The power supply unit ALV-DIGITAL 3.5A does not give A/C current (R-C). So it has to be installed with and ATF-12 power supply unit to release the electrical strike & to light the cardholder





INTEGRATED COMPACT GUARD UNIT COMPATIBILITY

REF:	DESCRIPTION	VERSION
600005	DIGITAL C.M.	1.4 or LATEST
600006	KEYPAD C.M.	1.8 or LATEST
600007	SDL C.M.	1.5 or LATEST
730121	DIGITAL LINES SELECTOR SDL	1.1 or LATEST
600009	DIGITAL DECORPLUS C.M.	2.0 or LATEST
600010	DIRECTORY PANEL C.M.	2.0 or LATEST
600011	VISUALTECH 5H C.M.	NO COMPATIBILITY

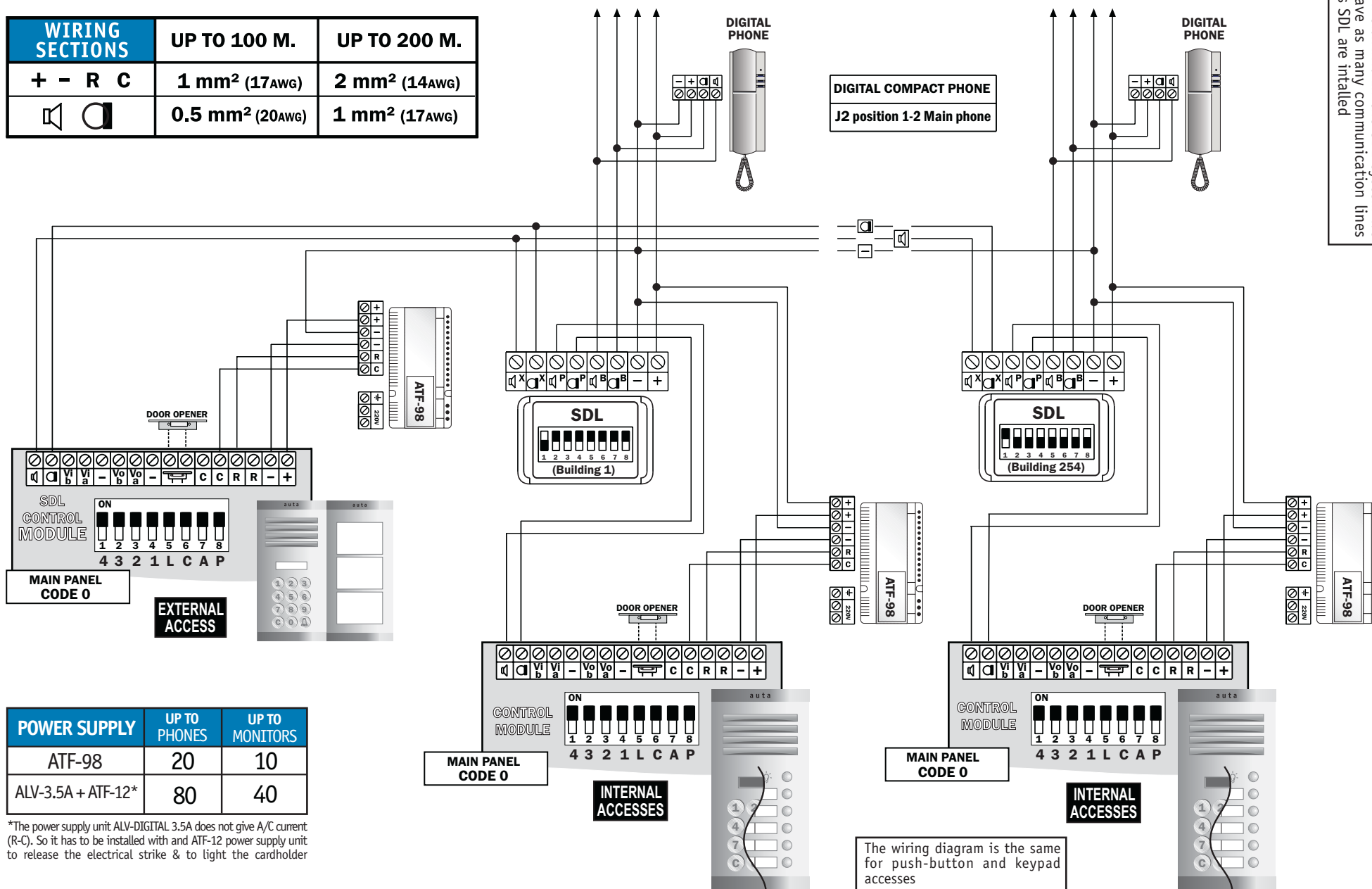


INTEGRATED COMPACT GUARD UNIT COMPATIBILITY

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600005	DIGITAL C.M.	1.4 or LATEST
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600007	SDL C.M.	1.5 or LATEST
730121	DIGITAL LINES SELECTOR SDL	1.1 or LATEST
600009	DIGITAL DECORPLUS C.M.	2.0 or LATEST
600010	DIRECTORY PANEL C.M.	2.0 or LATEST
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WIRING SECTIONS	UP TO 100 M.	UP TO 200 M.
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	0.5 mm ² (20AWG)	1 mm ² (17AWG)



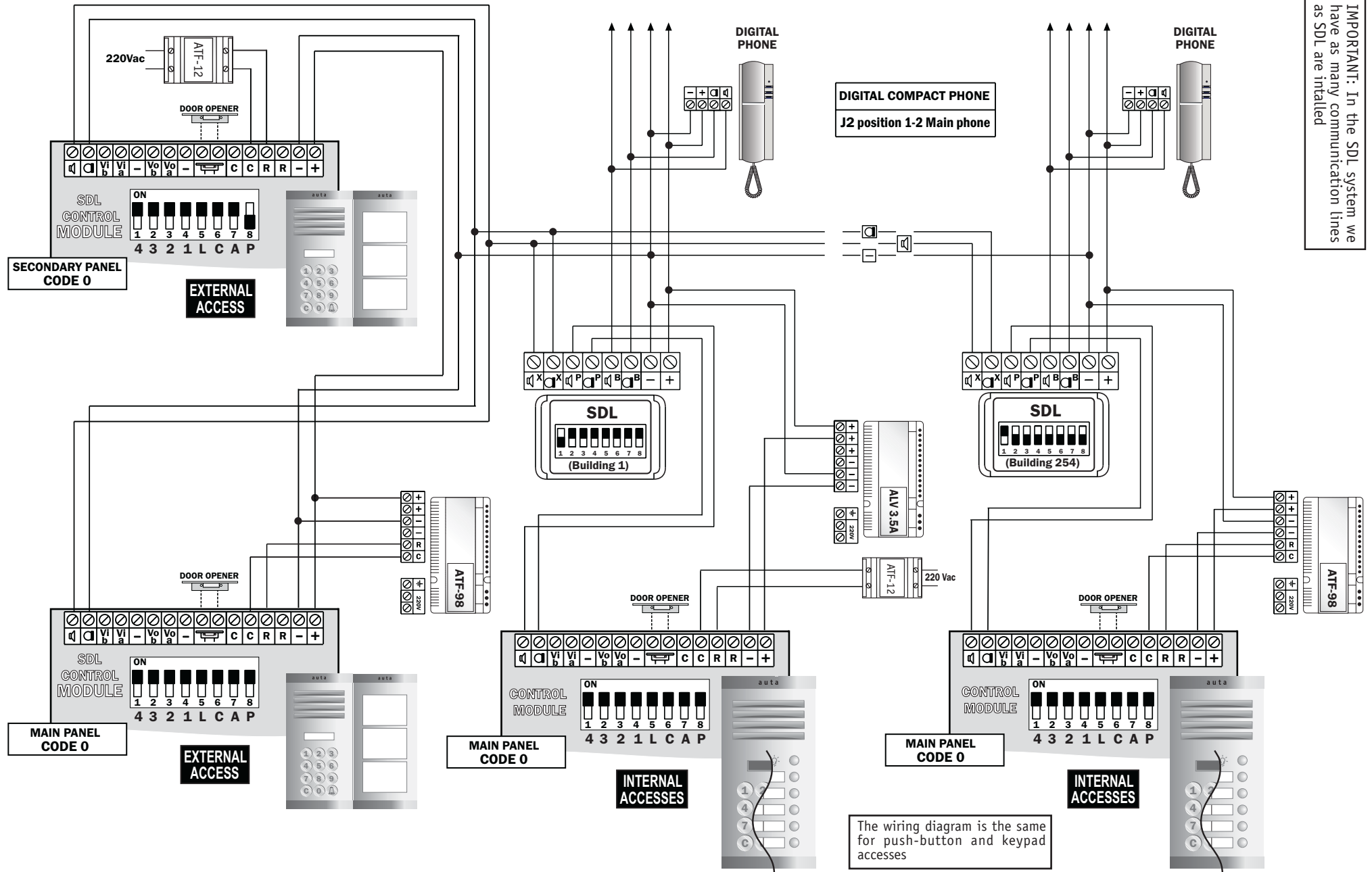
IMPORTANT: In the SDL system we have as many communication lines as SDL are intalled

One external audio access and "N" internal accesses

POWER SUPPLY	UP TO PHONES	UP TO MONITORS
ATF-98	20	10
ALV-3.5A + ATF-12*	80	40

*The power supply unit ALV-DIGITAL 3.5A does not give A/C current (R-C). So it has to be installed with and ATF-12 power supply unit to release the electrical strike & to light the cardholder

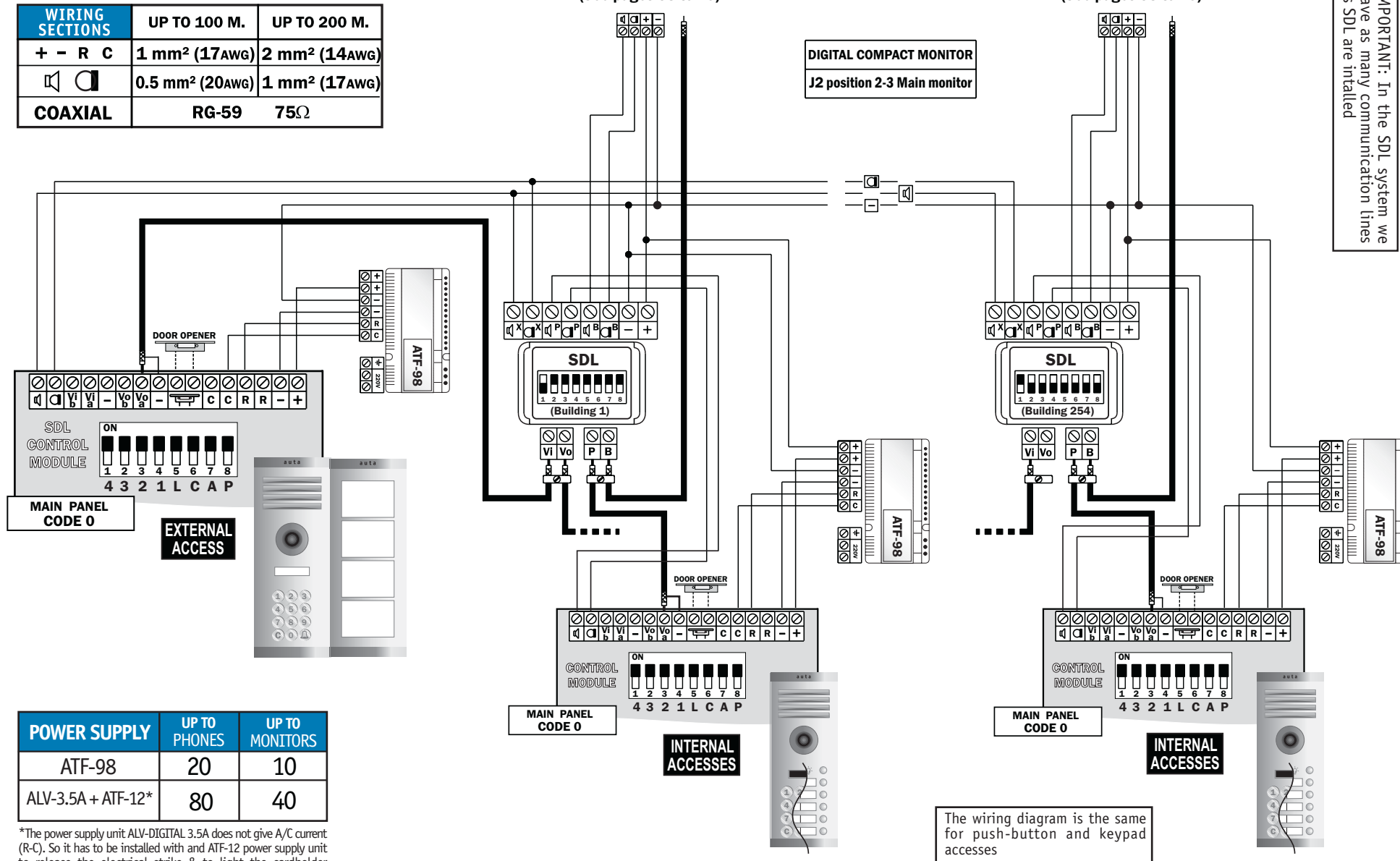
IMPORTANT: In the SDL system we have as many communication lines as SDL are installed

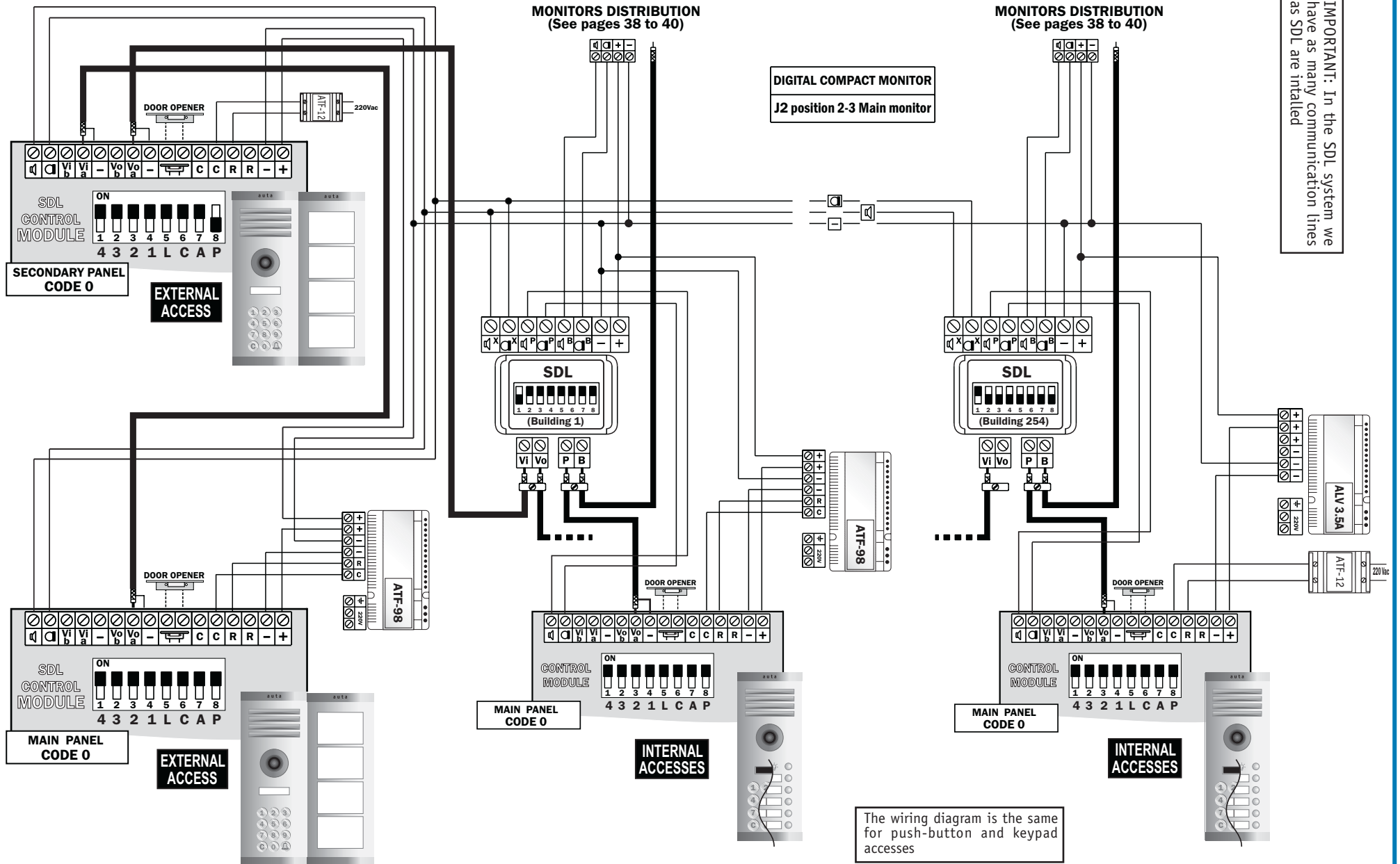


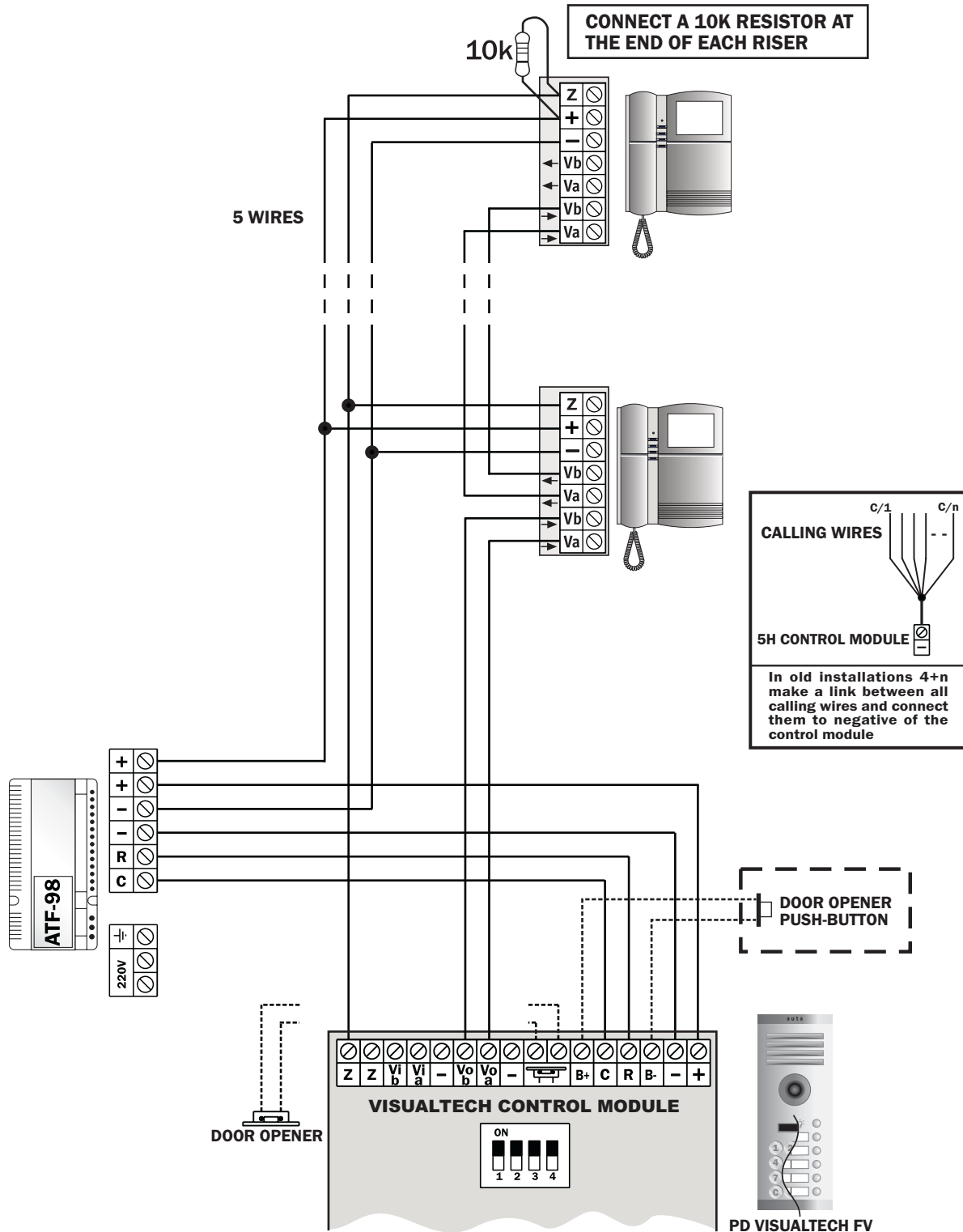
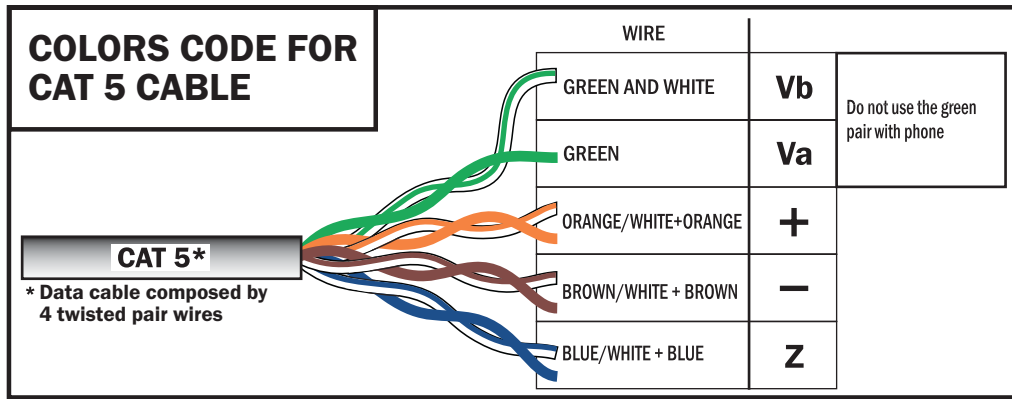
WIRING SECTIONS	UP TO 100 M.	UP TO 200 M.
+ - R C	1 mm ² (17AWG)	2 mm ² (14AWG)
 	0.5 mm ² (20AWG)	1 mm ² (17AWG)
COAXIAL	RG-59	75Ω

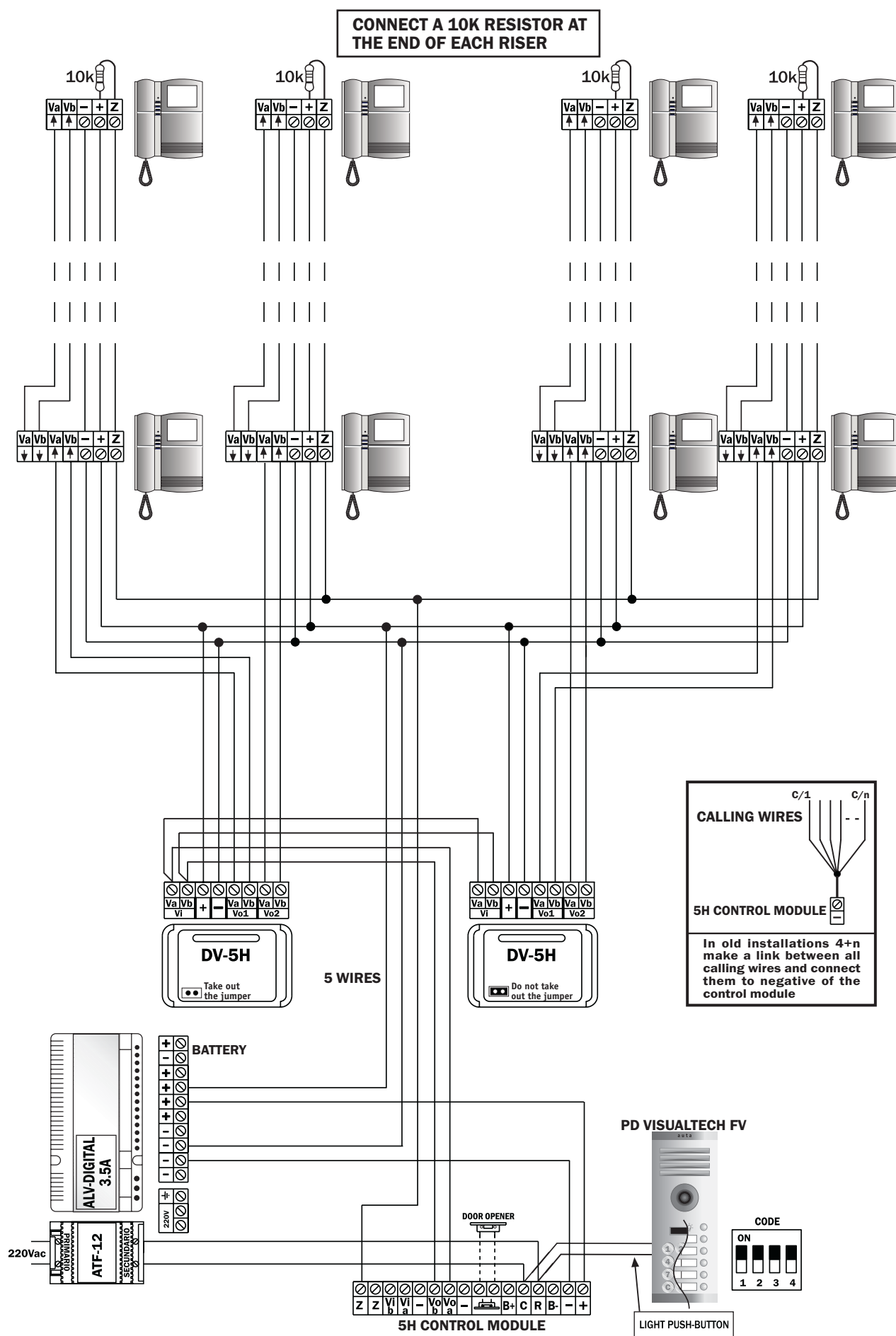
MONITORS DISTRIBUTION (See pages 38 to 40)

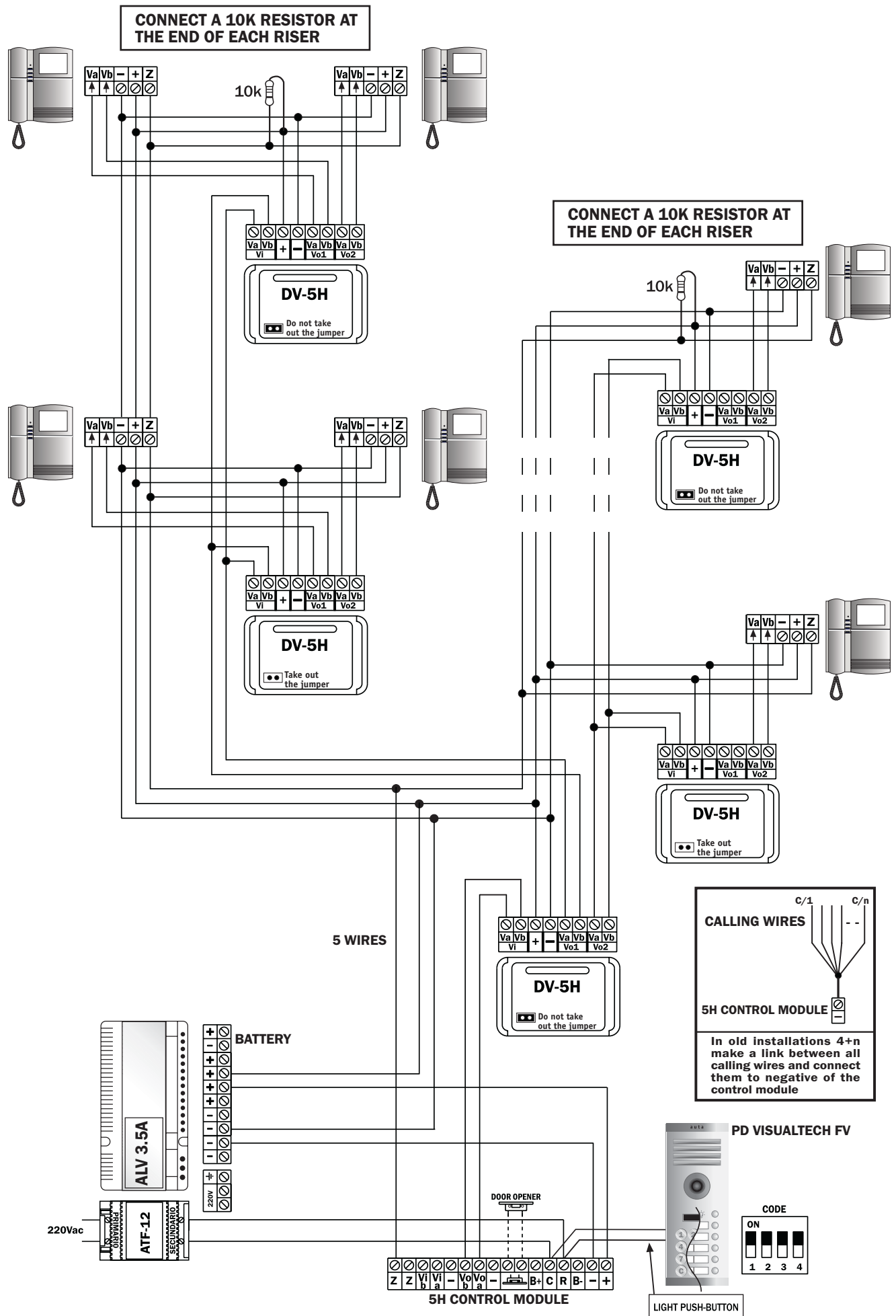
MONITORS DISTRIBUTION (See pages 38 to 40)



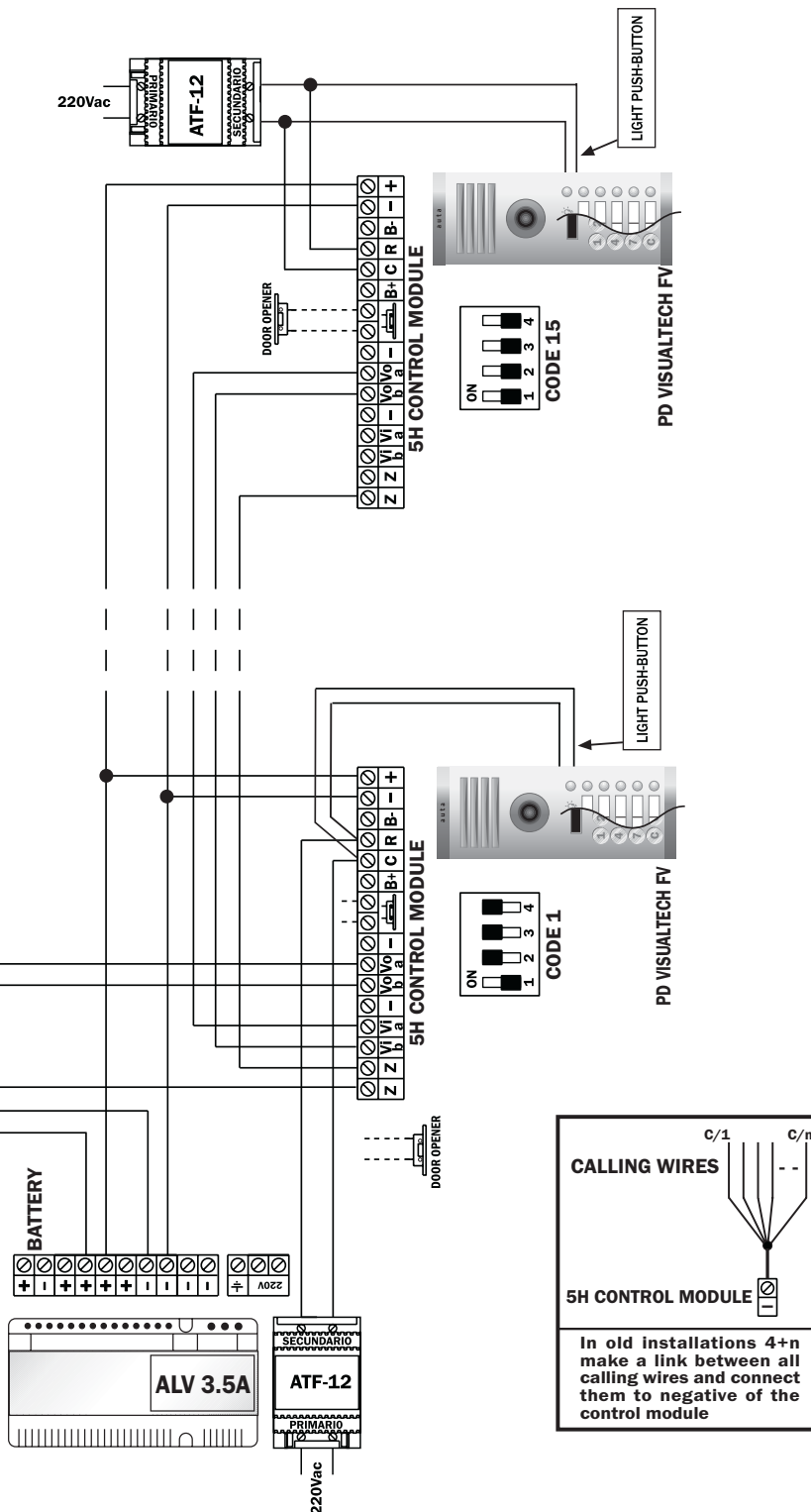
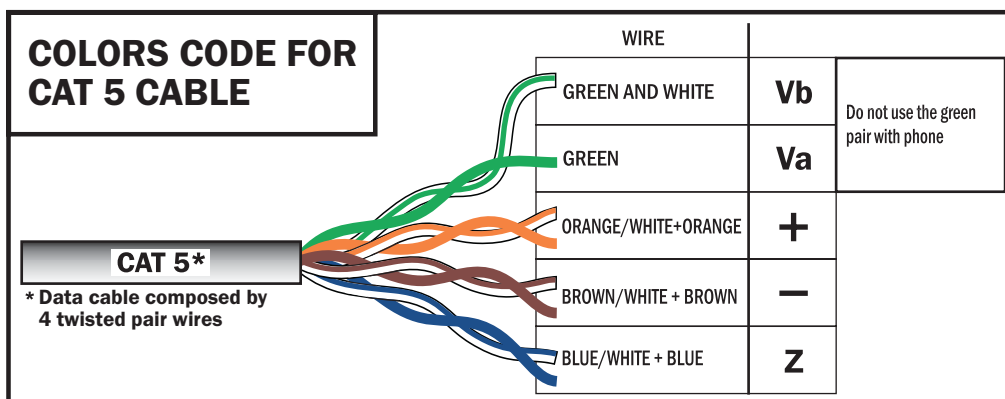






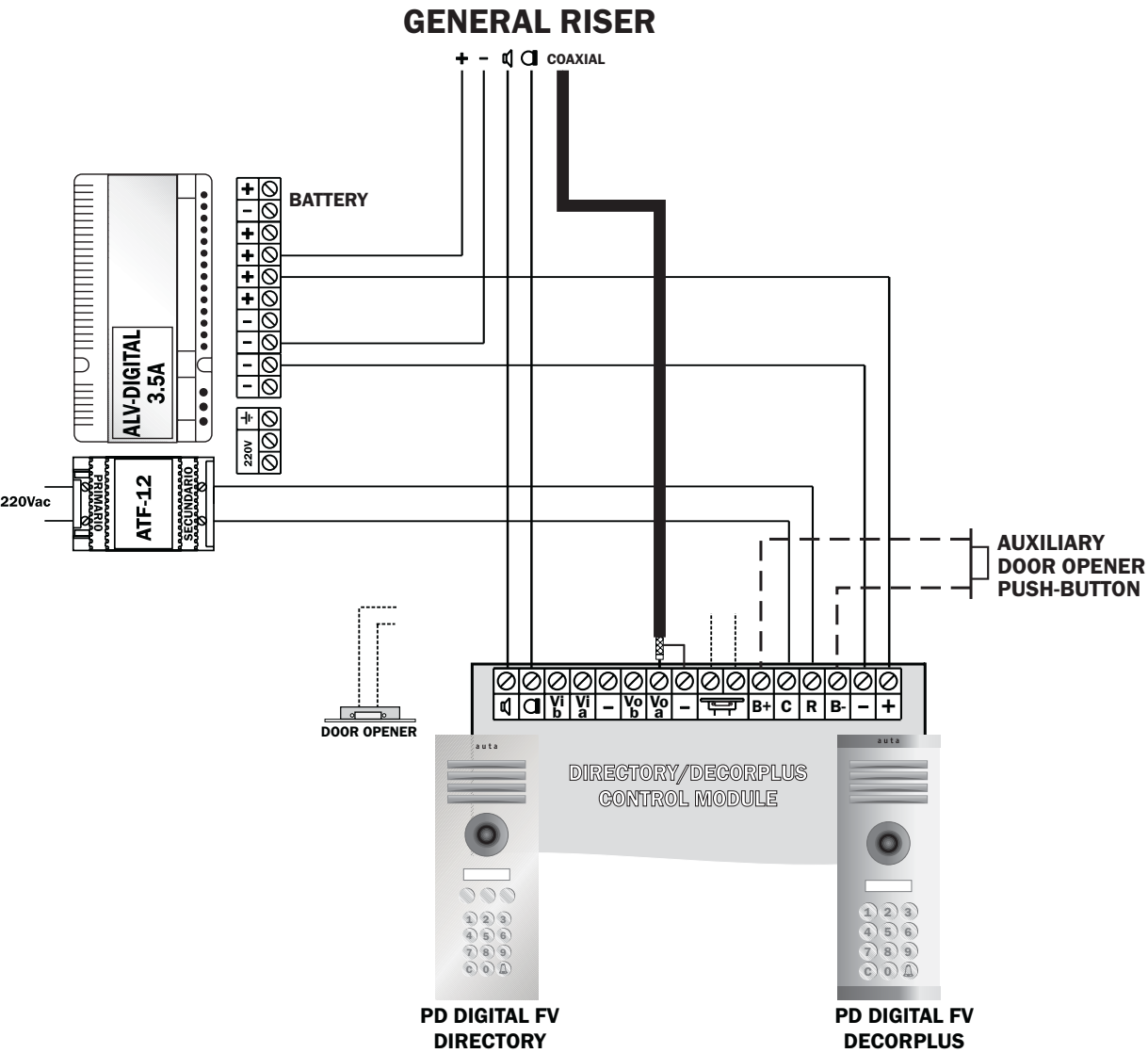


MAIN RISER



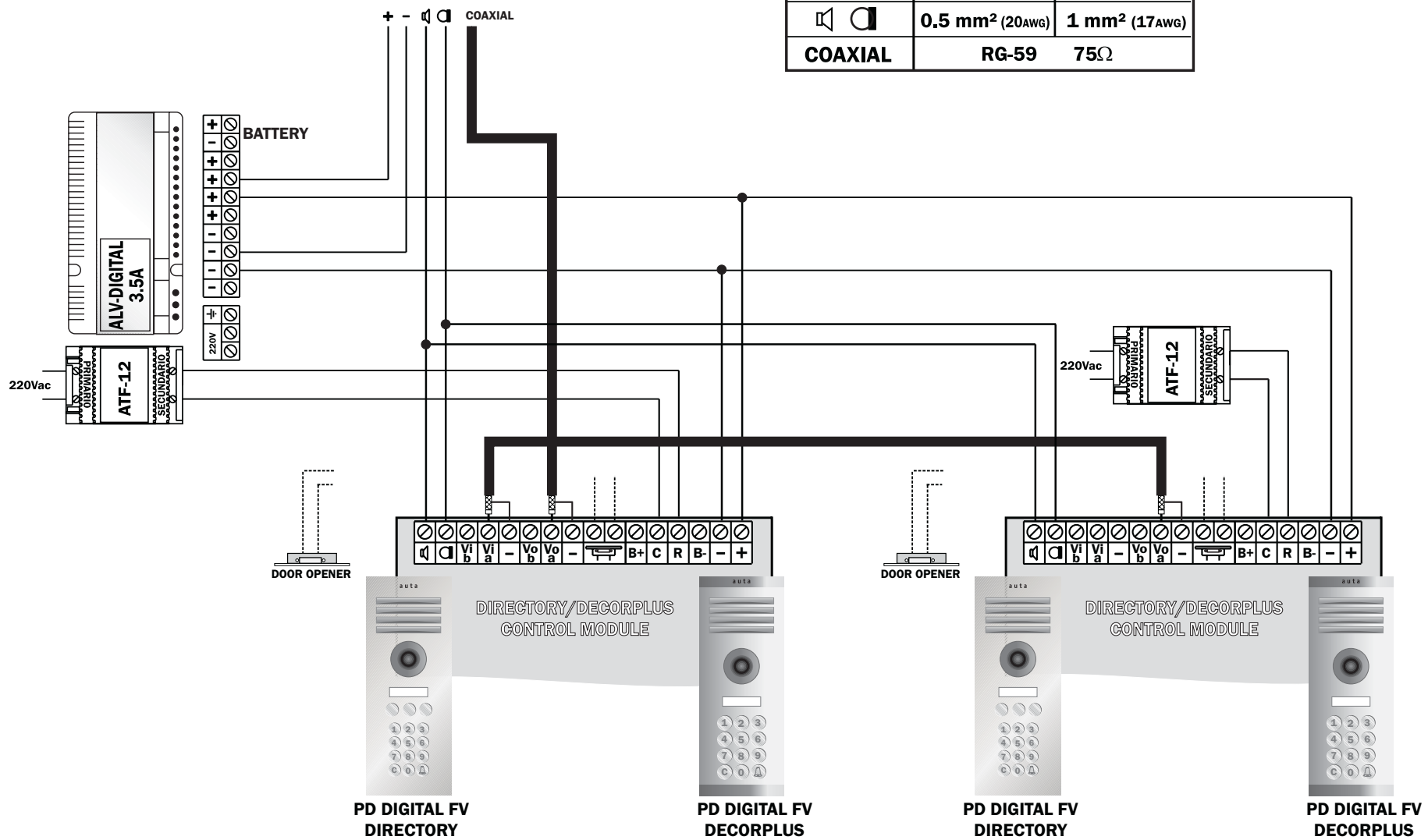
Directory and Decorplus wiring diagram is the same that a standard keypad system, the only different are the B+ and B- terminals, its funtion is an auxiliary free contact push-button for door opener.

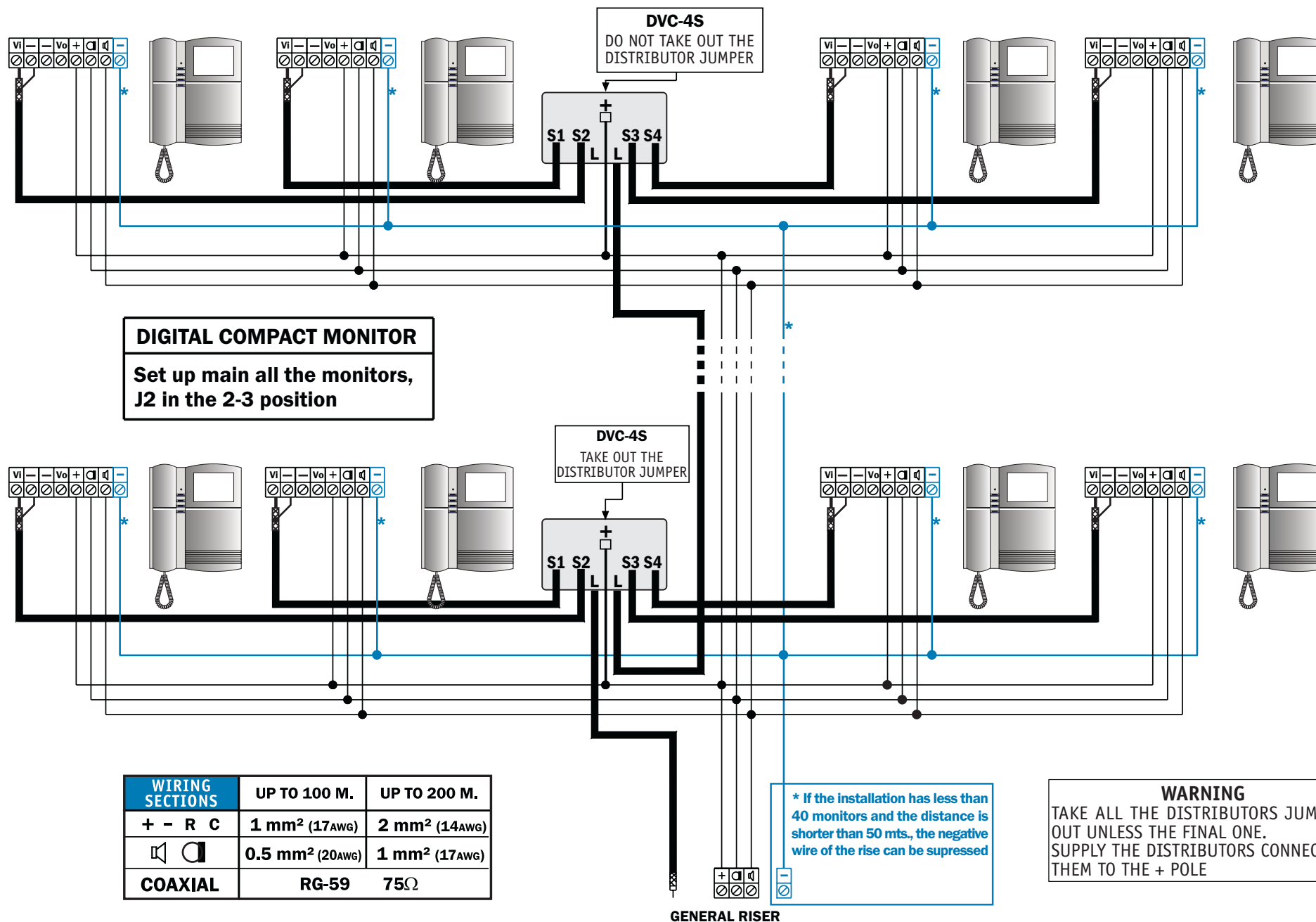
WIRING SECTIONS	UP TO 100 M.	UP TO 200 M.
+ - R C	1 mm ² (17AWG)	2 mm ² (14AWG)
 	0.5 mm ² (20AWG)	1 mm ² (17AWG)
COAXIAL	RG-59	75Ω

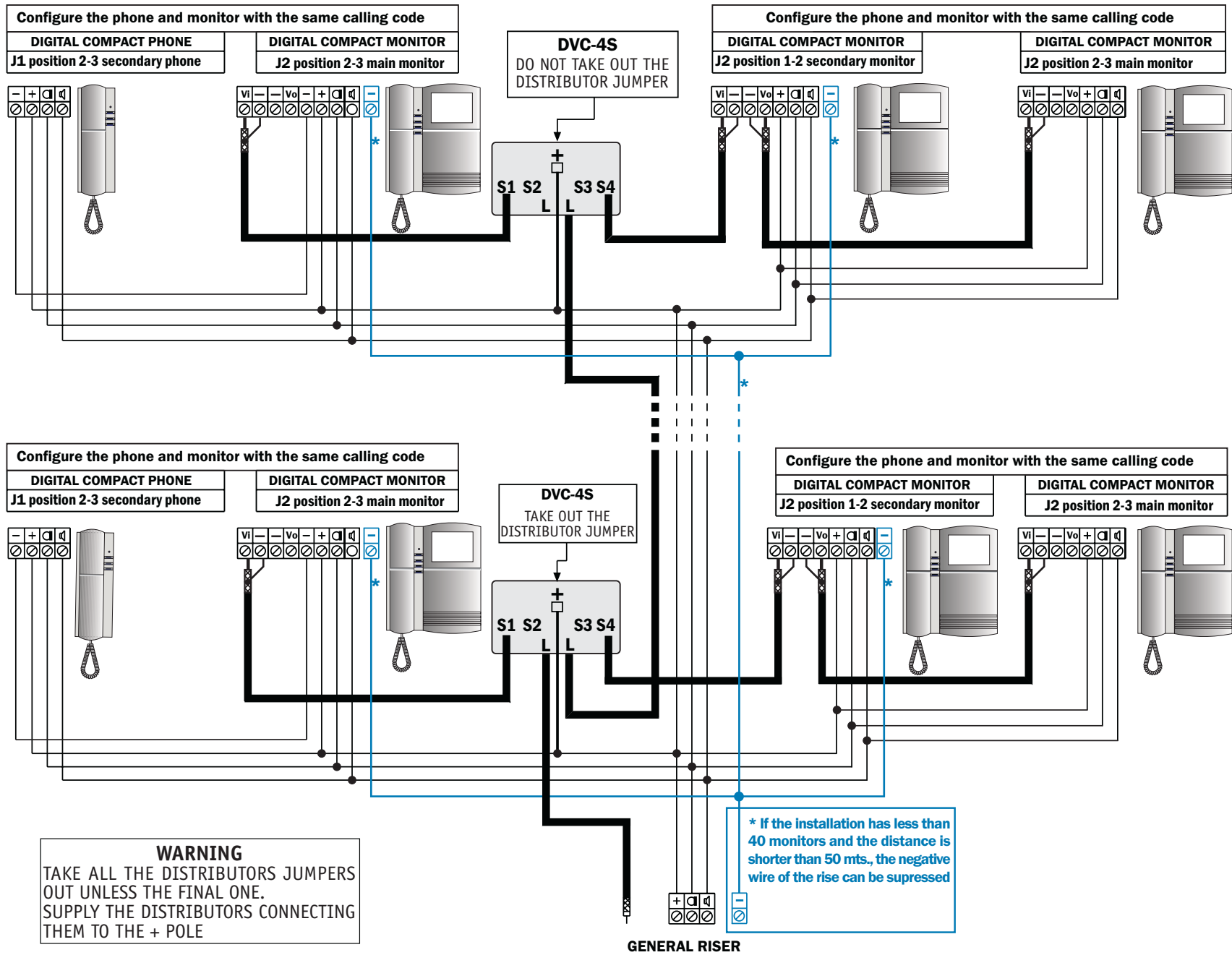


WIRING SECTIONS	UP TO 100 M.	UP TO 200 M.
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 	0.5 mm ² (20AWG)	1 mm ² (17AWG)
COAXIAL	RG-59	75Ω

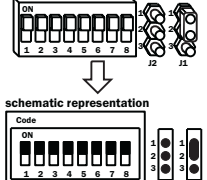
GENERAL RISER







WIRING SECTIONS	UP TO 100 M.	UP TO 200 M.
+ - R C	1 mm ² (17AWG)	2 mm ² (14AWG)
 	0.5 mm ² (20AWG)	1 mm ² (17AWG)
COAXIAL	RG-59	75Ω



CODIFICATION

1 2 3 4 5 6 7 8 - calling code.
J1 - position 1-2 self-starting ON
 posición 2-3 self-starting OFF.
J2 - posición 1-2 auxiliary monitor.
 posición 2-3 main monitor.
 Without jumper - monitor in cascade

DIGITAL COMPACT MONITOR

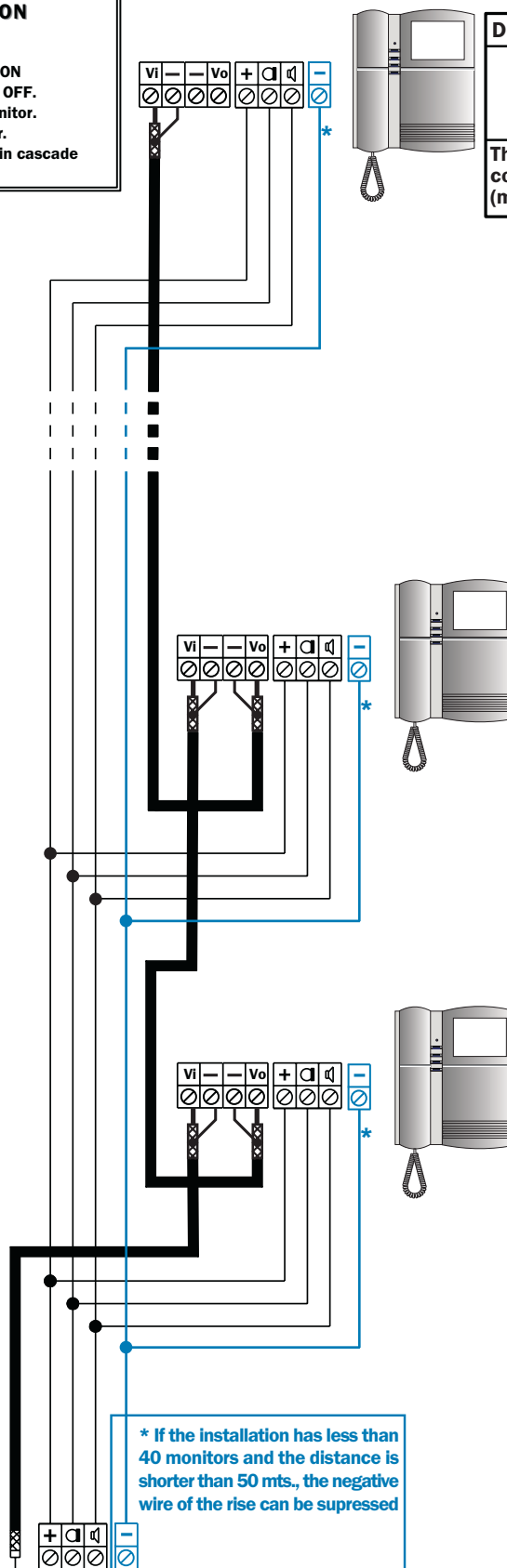


CODE 5

The last monitor in cascade is configured as J2 position 2-3 (main monitor)

POWER SUPPLY	UP TO PHONES	UP TO MONITORS
ATF-98	20	10
ALV-3.5A + ATF-12*	80	40

*The power supply unit ALV-DIGITAL 3.5A does not give A/C current (R-C). So it has to be installed with and ATF-12 power supply unit to release the electrical strike & to light the cardholder



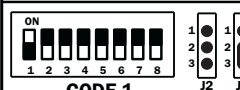
DIGITAL MONITOR



CODE 2

J2 without jumper monitor in cascade

DIGITAL MONITOR



CODE 1

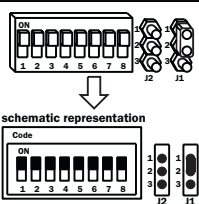
J2 without jumper monitor in cascade

FOR MORE THAN 5 MONITORS
MAKE THE VIDEO COAXIAL
CONNECTION WITH DVC-4S
DISTRIBUTORS

* If the installation has less than 40 monitors and the distance is shorter than 50 mts., the negative wire of the rise can be suppressed

GENERAL RISER

WIRING SECTIONS	UP TO 100 M.	UP TO 200 M.
+ - R C	1 mm ² (17AWG)	2 mm ² (14AWG)
	0.5 mm ² (20AWG)	1 mm ² (17AWG)
COAXIAL	RG-59	75Ω



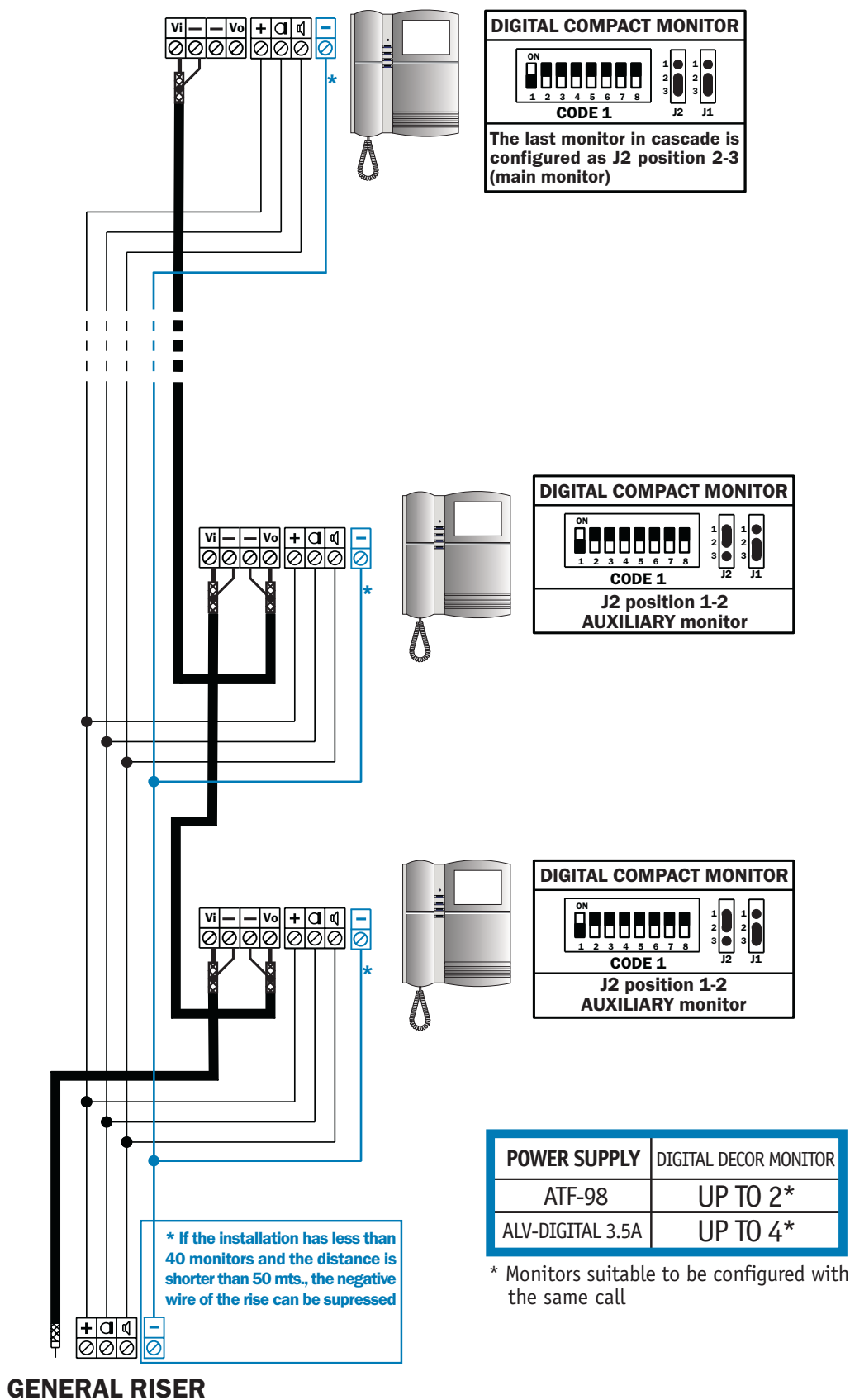
CODIFICATION

1 2 3 4 5 6 7 8 - calling code.

J1 - position 1-2 self-starting ON
posición 2-3 self-starting OFF.

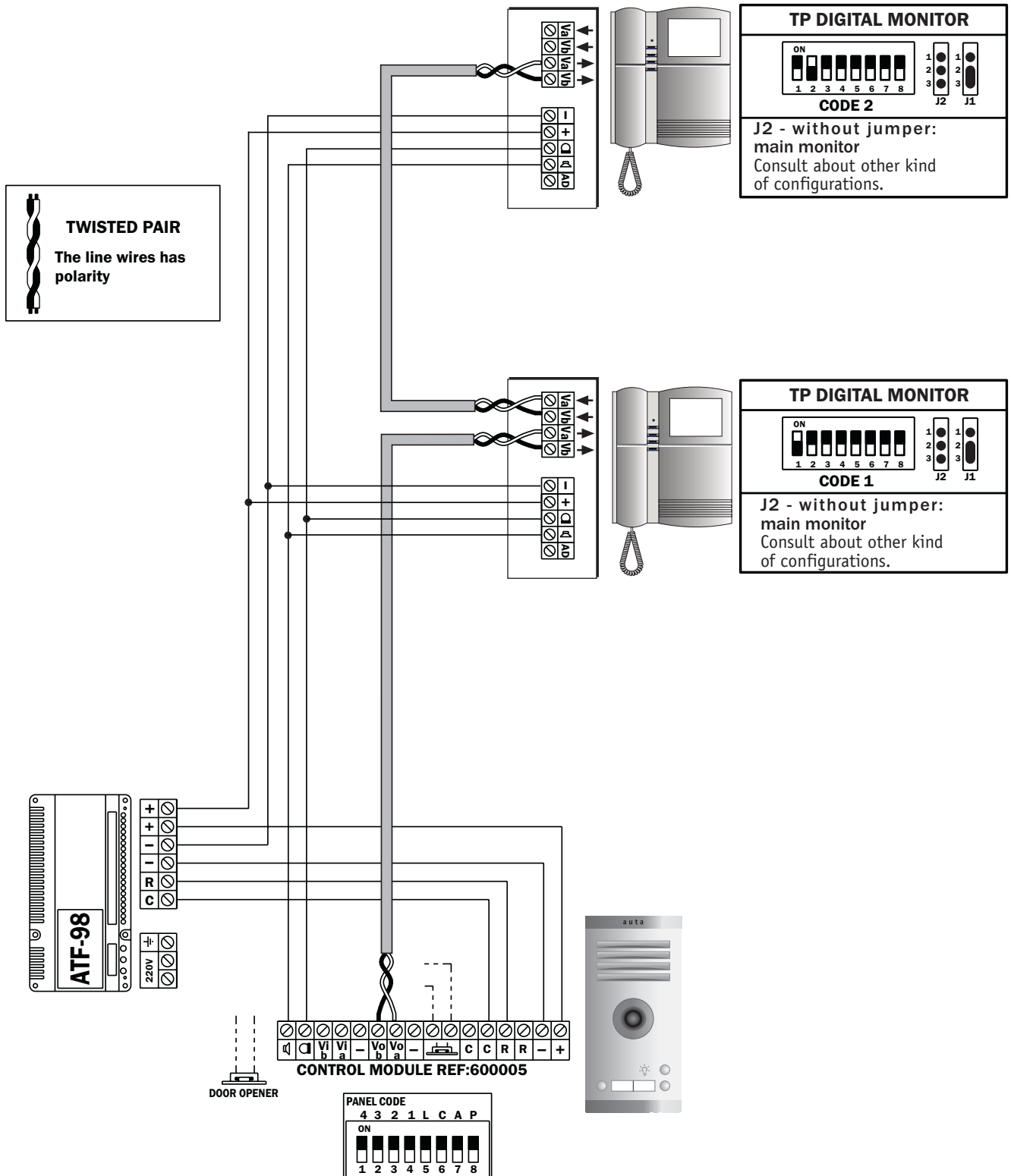
J2 - posición 1-2 auxiliary monitor.
posición 2-3 main monitor.

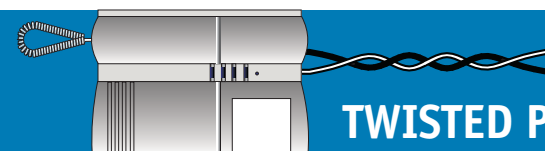
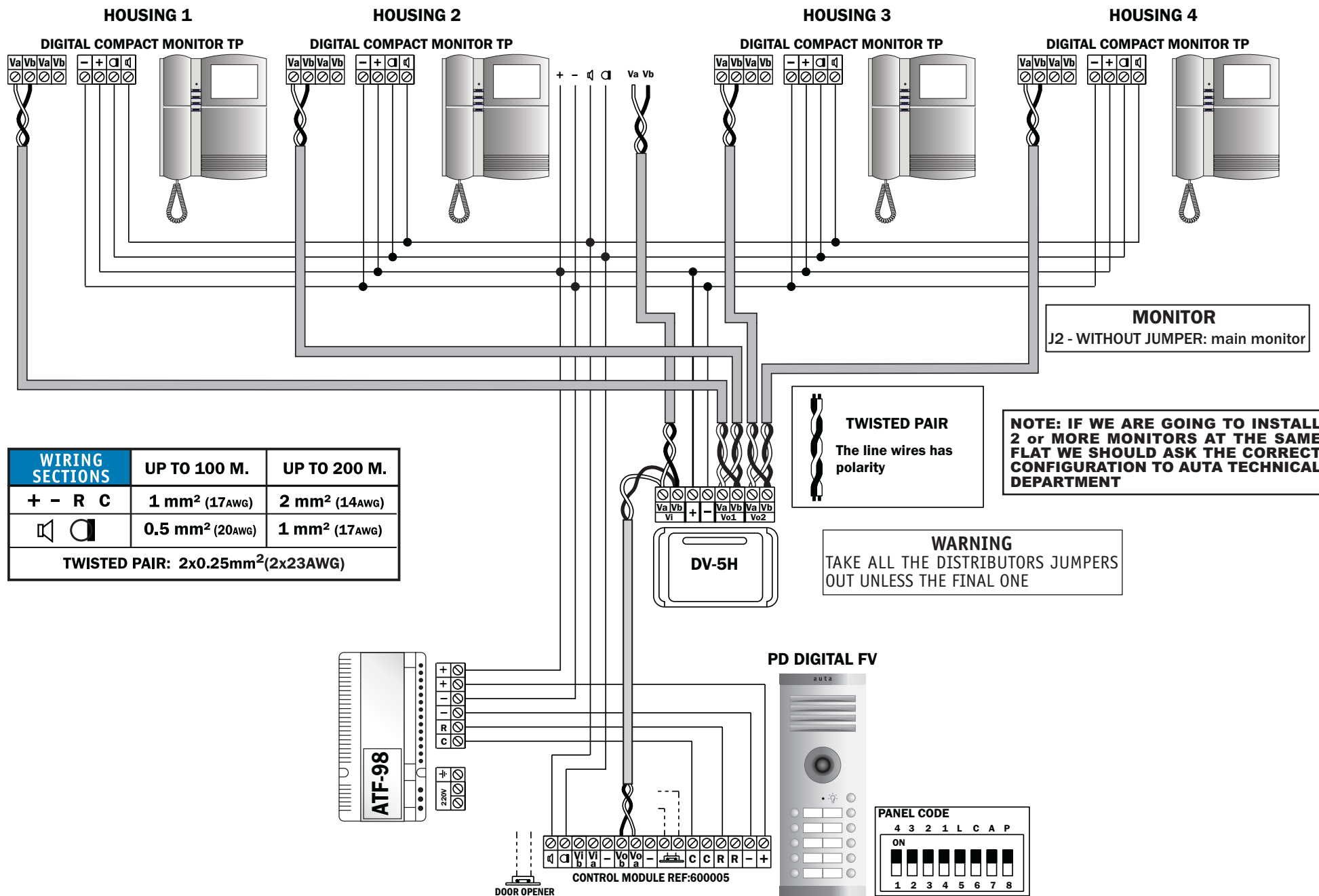
Without jumper - monitor in cascade



TWISTED PAIR

WIRING SECTIONS	UP TO 100 M.	UP TO 200 M.
+ - R C	1 mm ² (17AWG)	2 mm ² (14AWG)
 	0.5 mm ² (20AWG)	1 mm ² (17AWG)
TWISTED PAIR: 2x0.25mm ² (2x23AWG)		





WARNING
Do NOT connect the power supply units in parallel

BATTERY

ALV-DIGITAL 3.5A

220V

BATTERY

ALV-DIGITAL 3.5A

ATF-12

220V

220Vac

DOOR OPENER

CONTROL MODULE

UP TO 80 DIGITAL COMPACT PHONES
UP TO 40 DIGITAL COMPACT MONITORS

POWER SUPPLY	UP TO PHONES	UP TO MONITORS
ATF-98	20	10
ALV-3.5A + ATF-12*	80	40

*The power supply unit ALV-DIGITAL 3.5A does not give A/C (R-C). So it has to be installed with an ATF-12 power supply to release the electrical strike & to light the car.

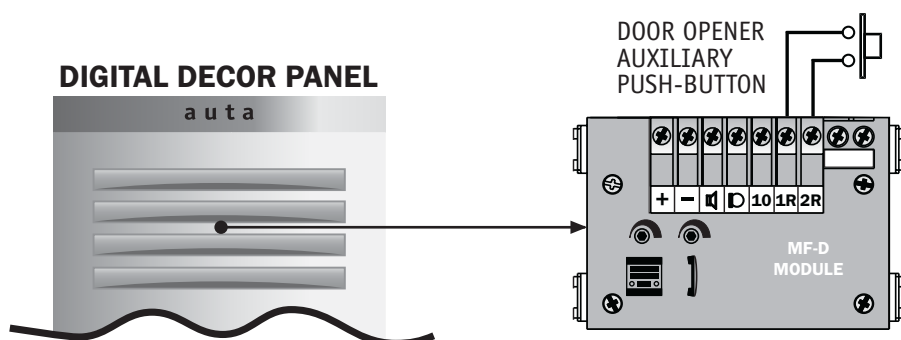
WARNING
Do NOT connect the power supply units in parallel

UP TO 20 DIGITAL COMPACT PHONES
UP TO 10 DIGITAL COMPACT MONITORS

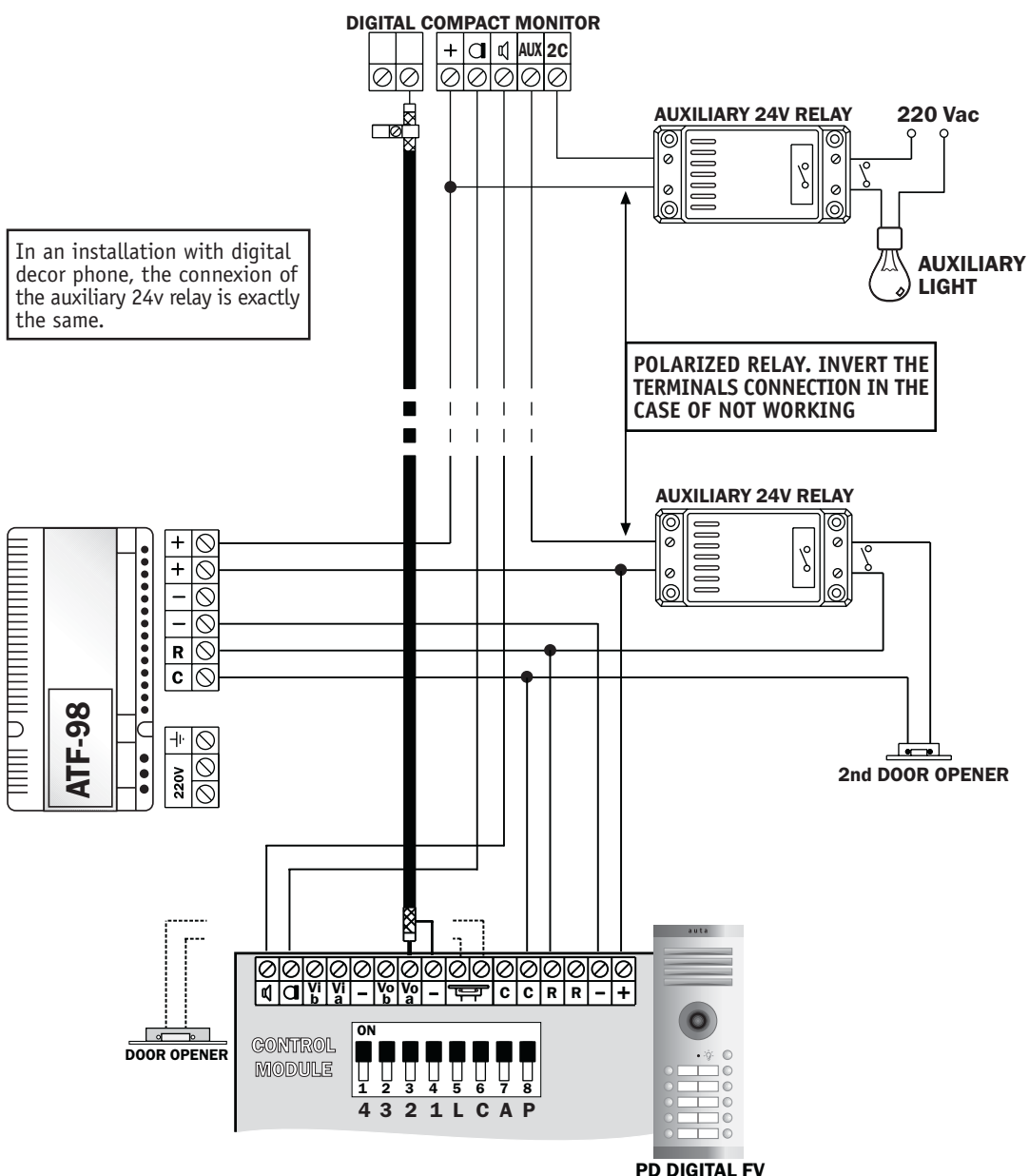
UP TO 20 DIGITAL COMPACT PHONES
UP TO 10 DIGITAL COMPACT MONITORS

DOOR OPENER

CONTROL MODULE



Auxiliary 24V relay



WIRING SECTIONS	UP TO 100 M.	UP TO 200 M.
+ - R C	1 mm ² (17AWG)	2 mm ² (14AWG)
🔊 🔊	0.5 mm ² (20AWG)	1 mm ² (17AWG)
COAXIAL	RG-59	75Ω

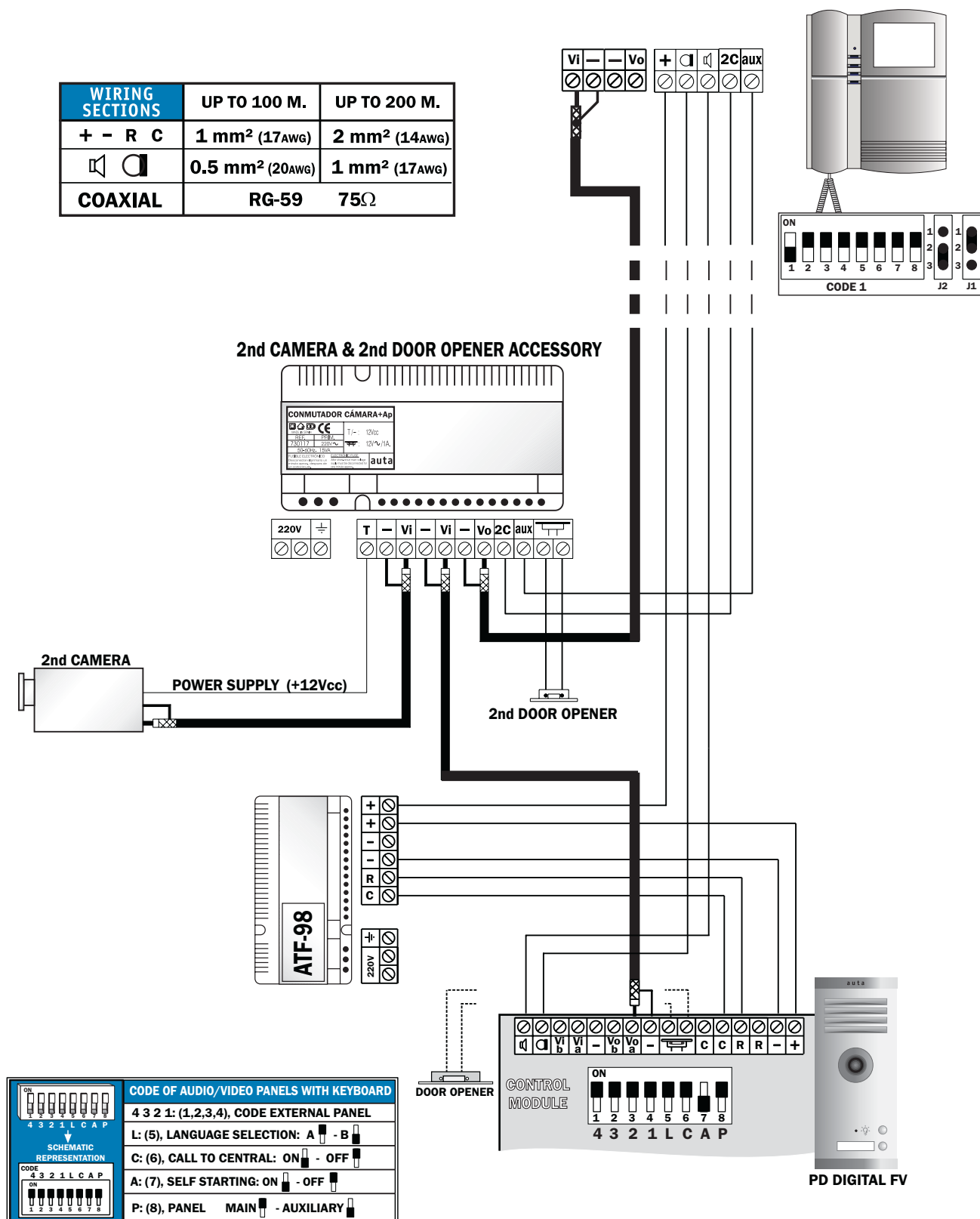
CODE OF AUDIO/VIDEO PANELS WITH KEYBOARD
4 3 2 1: (1,2,3,4), CODE EXTERNAL PANEL
L: (5), LANGUAGE SELECTION: A ☐ - B ☐
C: (6), CALL TO CENTRAL: ON ☐ - OFF ☐
A: (7), SELF STARTING: ON ☐ - OFF ☐
P: (8), PANEL MAIN ☐ - AUXILIARY ☐

Pressing the monitor key , this accessory permits us to visualise the image from the outside camera or from one auxiliary camera. To make this function is necessary enable the SELF-STARTING either in the external panel or the monitor.

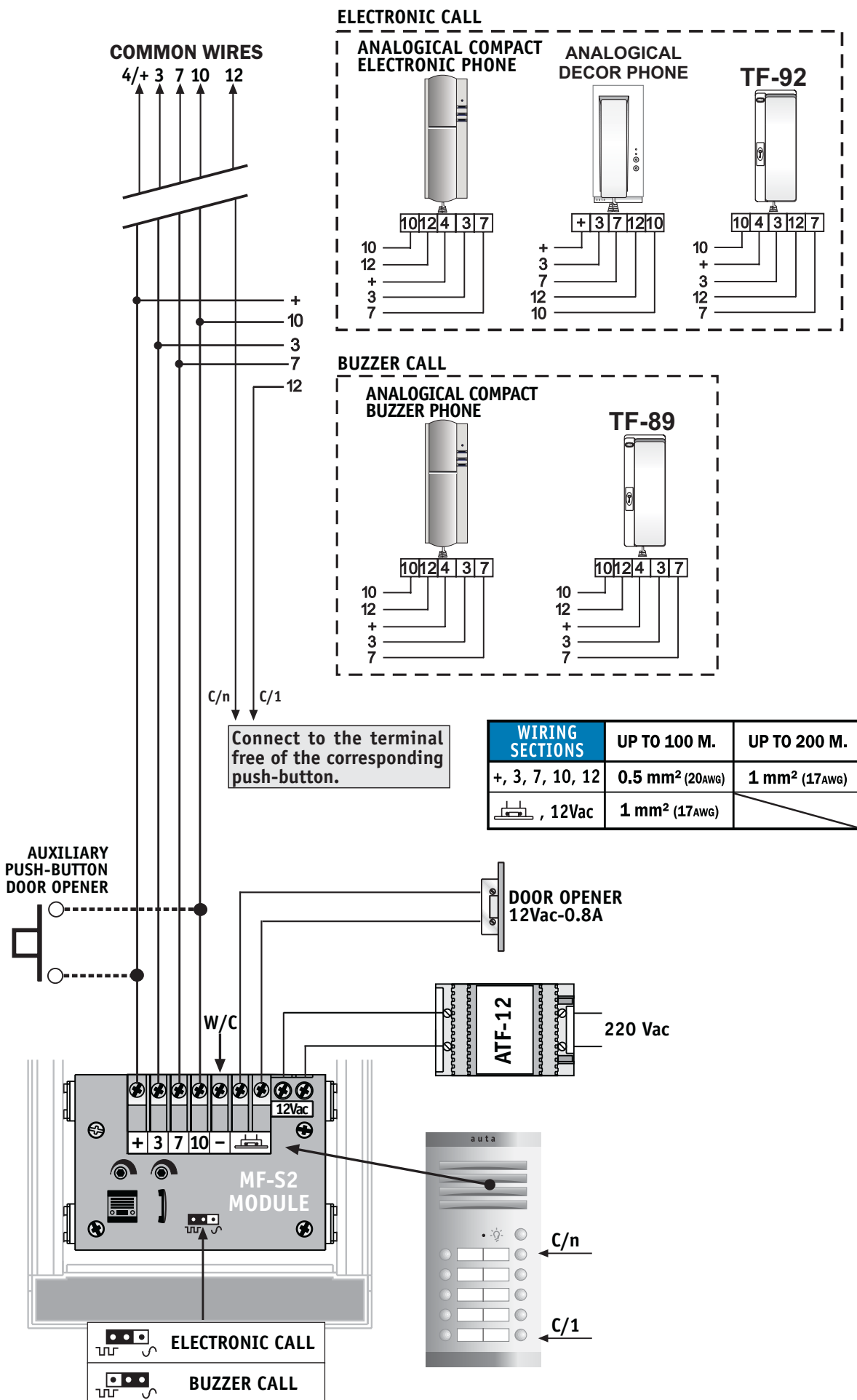
The auxiliary camera image will hold on during the key  pressing. Letting go of the key, the image of the external panel will be visualised. To get the image change is necessary to have the system on. This is with monitor image.

This accessory could also incorporate a system for a second door opener activation. It will be activated pressing the key AUX from the monitor. (The terminal AUX in the connection terminal should be wired on).

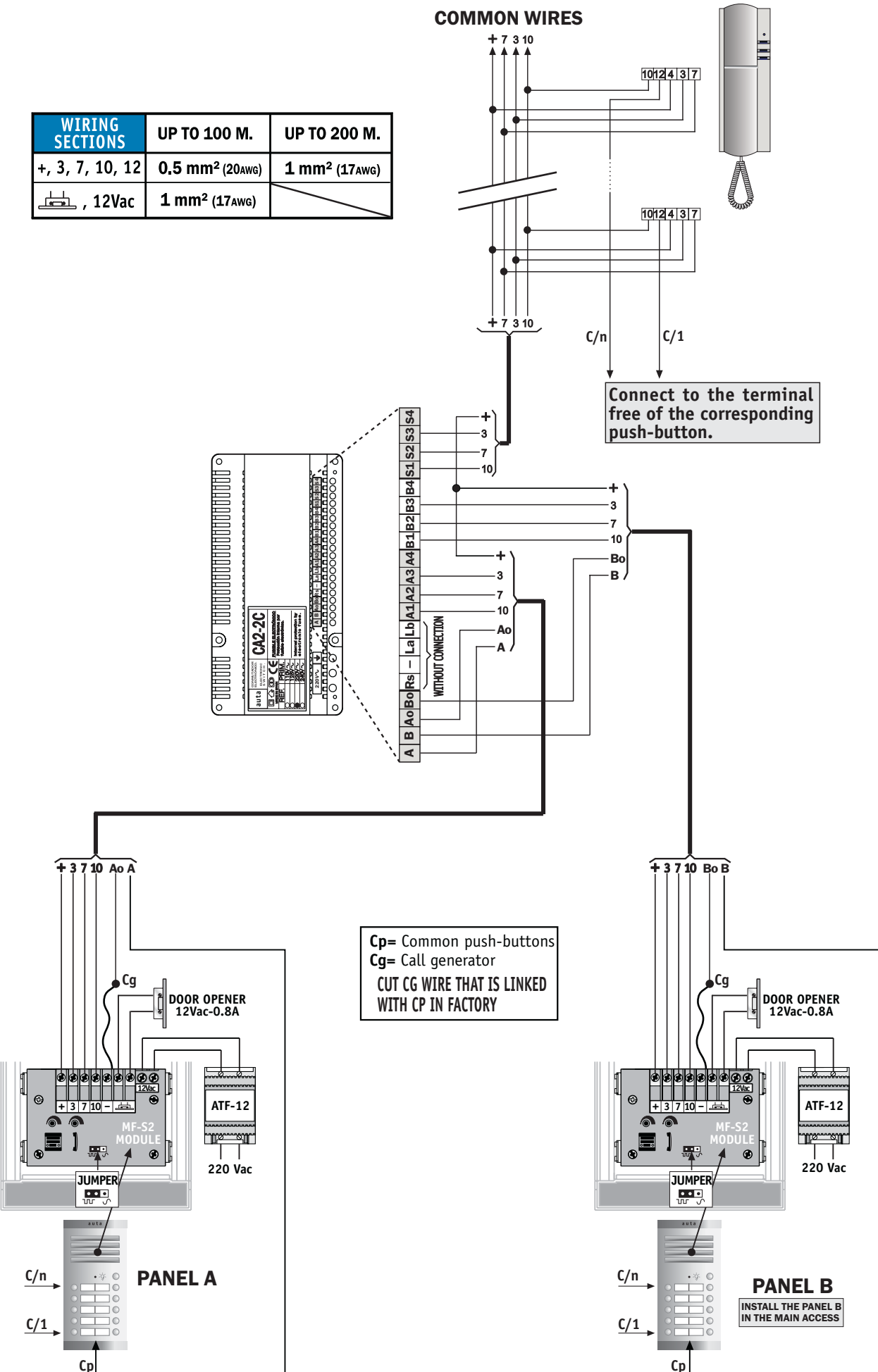
WIRING SECTIONS	UP TO 100 M.	UP TO 200 M.
+ - R C	1 mm ² (17AWG)	2 mm ² (14AWG)
 	0.5 mm ² (20AWG)	1 mm ² (17AWG)
COAXIAL	RG-59	75Ω



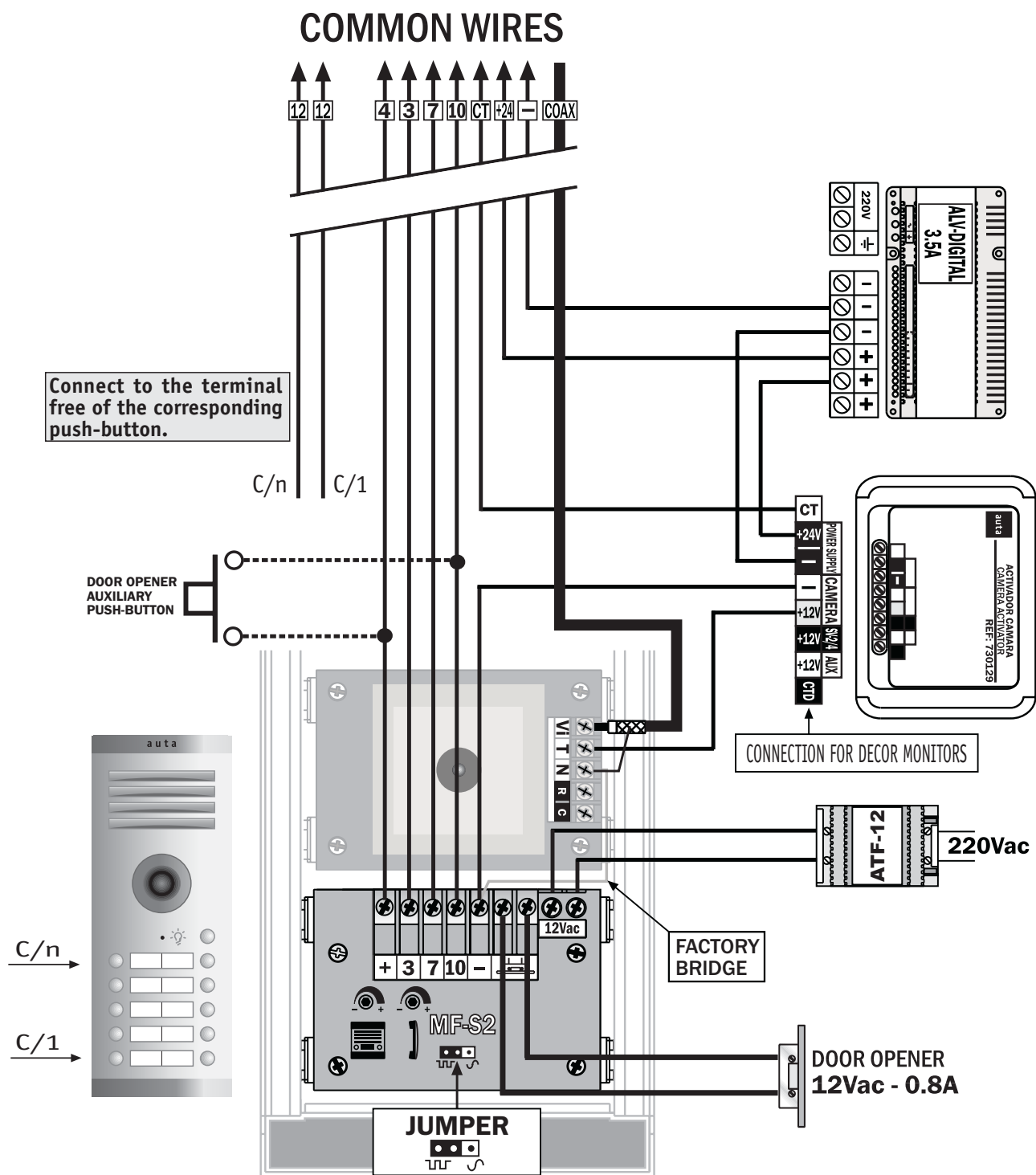


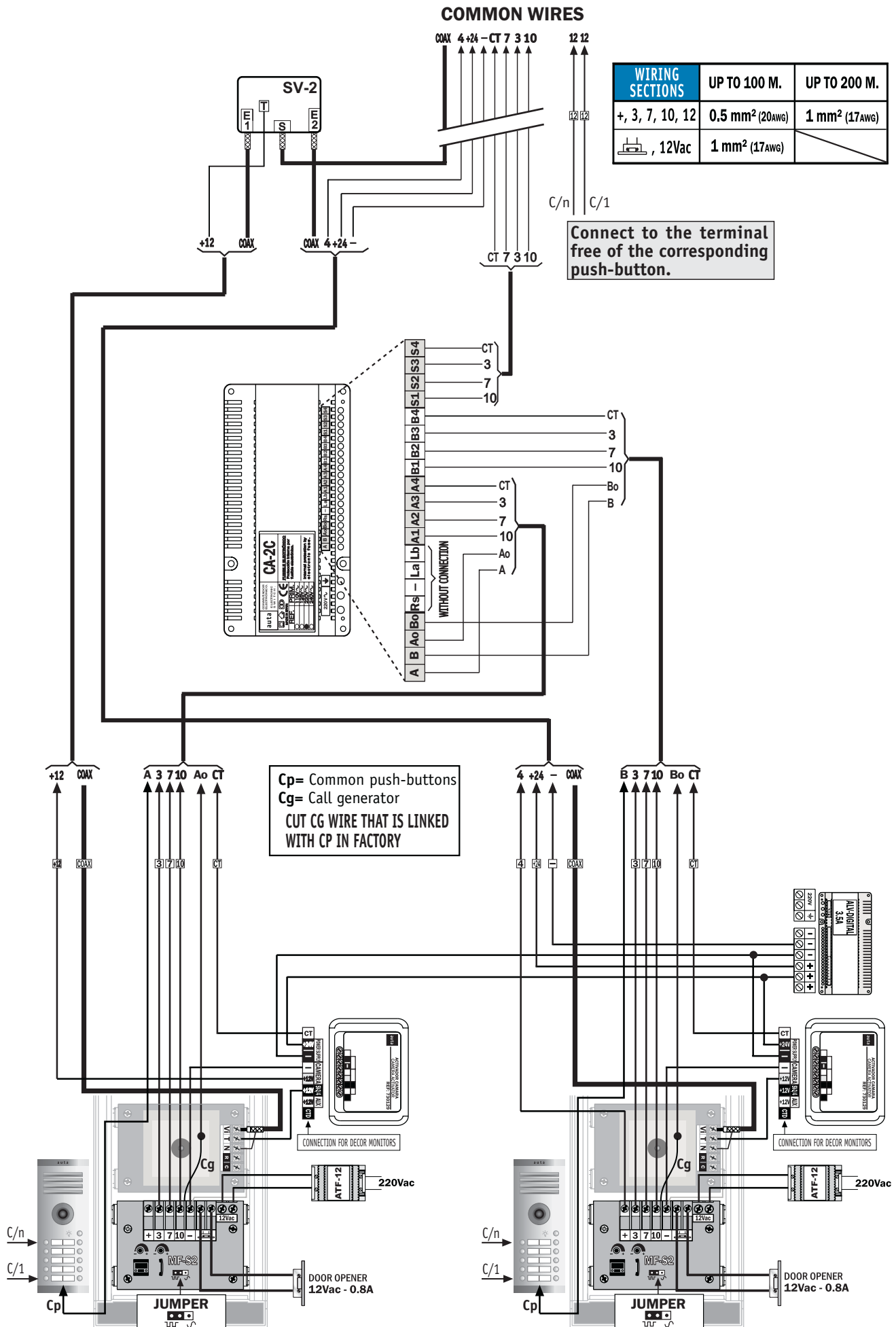


WIRING SECTIONS	UP TO 100 M.	UP TO 200 M.
+, 3, 7, 10, 12	0,5 mm ² (20AWG)	1 mm ² (17AWG)
 , 12Vac	1 mm ² (17AWG)	



WIRING SECTIONS	UP TO 100 M.	UP TO 200 M.
+, 3, 7, 10, 12	0.5 mm ² (20AWG)	1 mm ² (17AWG)
 , 12Vac	1 mm ² (17AWG)	





Description.-

The **Compact 2HTE** its a phone to increase the **2HT KIT** to 4 extensions maximun. (Main + 3 2HTE extensions).

Functioning.-

When we finish all the connections like the wiring diagram the system will be ready to work.

Standby state.-

The cardholder of the main panel will be light up.

We able to open the door from the phone as we want, without pick up the handset.

Calling.-

When we press the call push-button in the external panel, the cardholder illumination will be off.

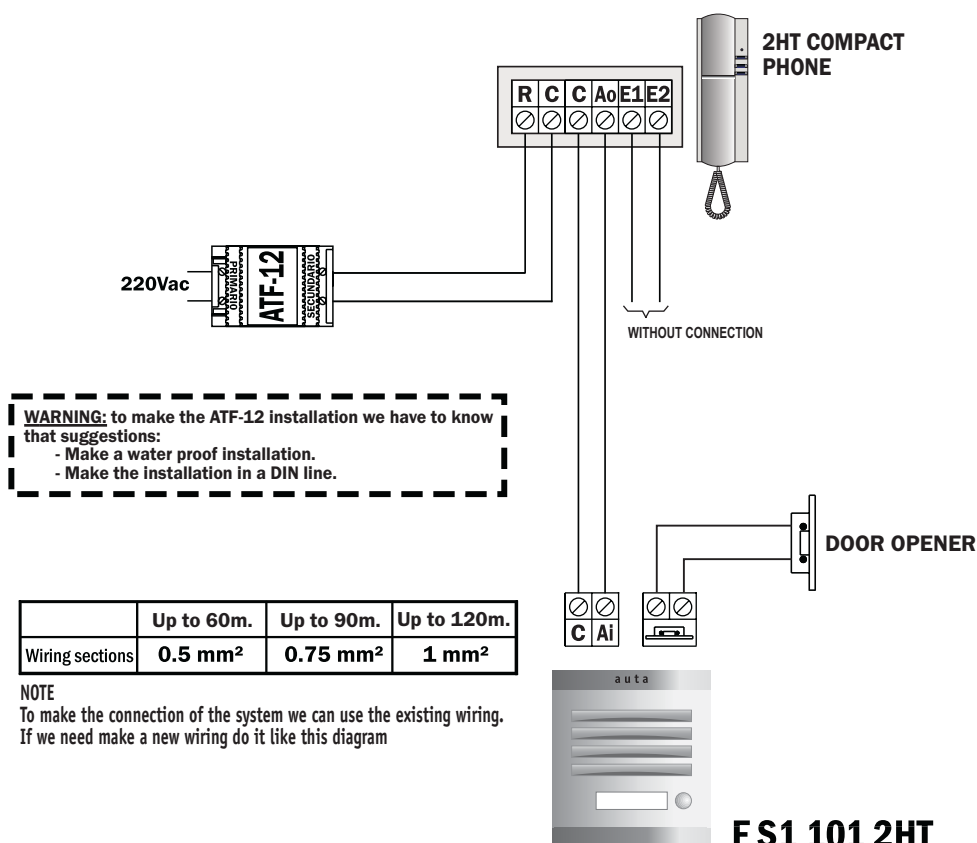
We will listen the calling in the phones (Electronic call), at the same time the LED will be on.

When we pick up the handset we have comunication between phone and panel, remember that only one phone can have the communication with the panel. The prority is for the nearest phone.

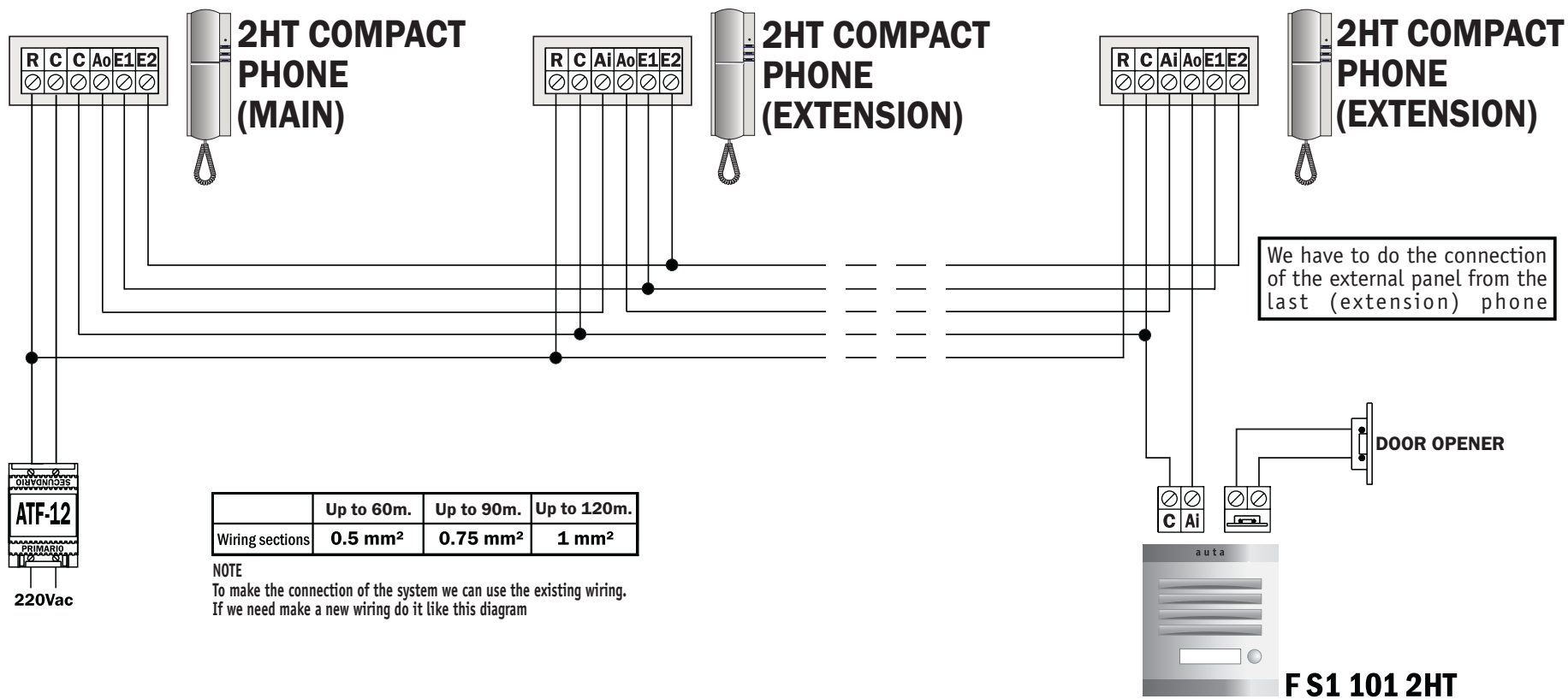
NOTE.-

If we pick up the handset of the phone or we open the door, we can listen a small buzzing in the ears, that's normal in this system.

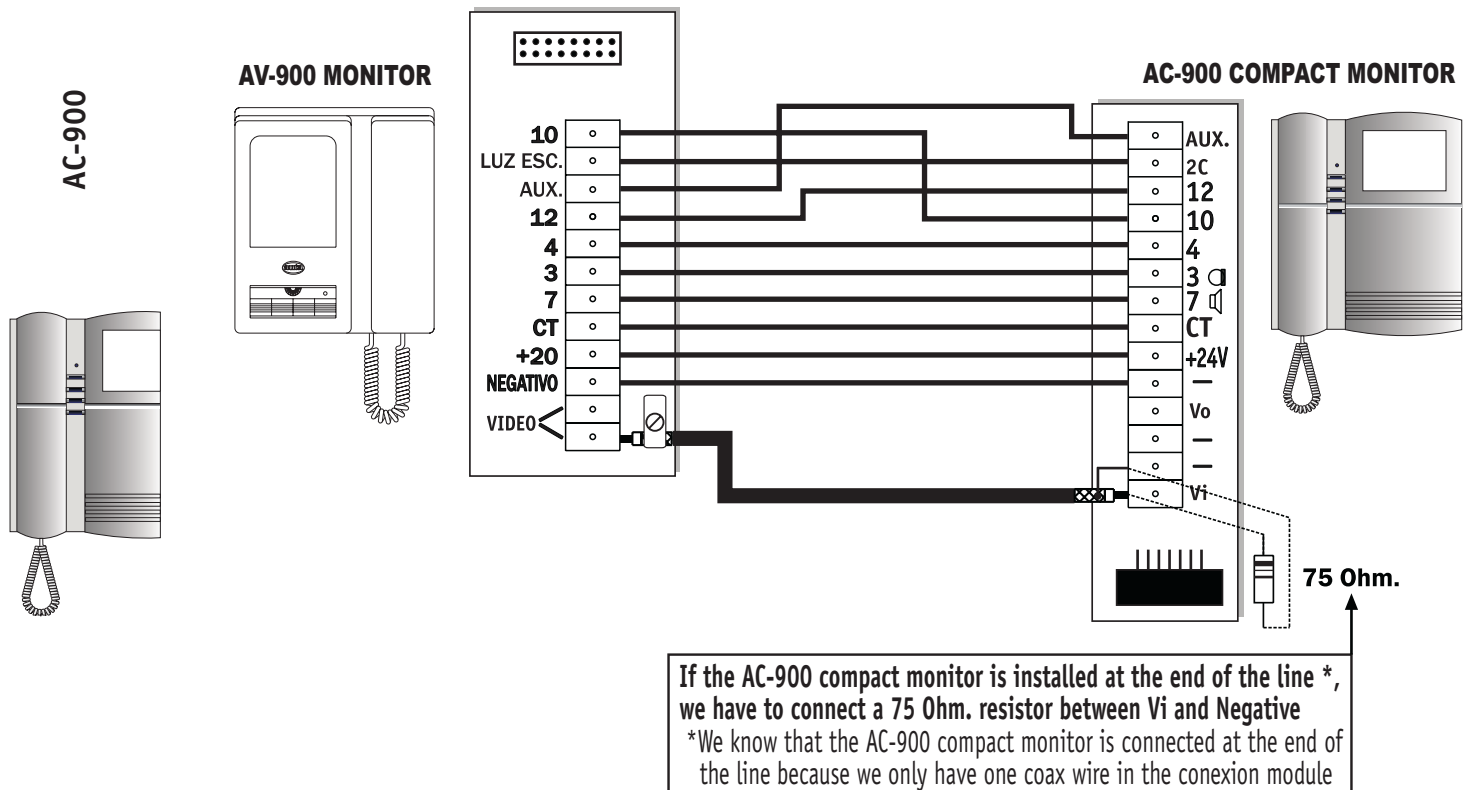
Standard Installation



Installation with 3 extensions

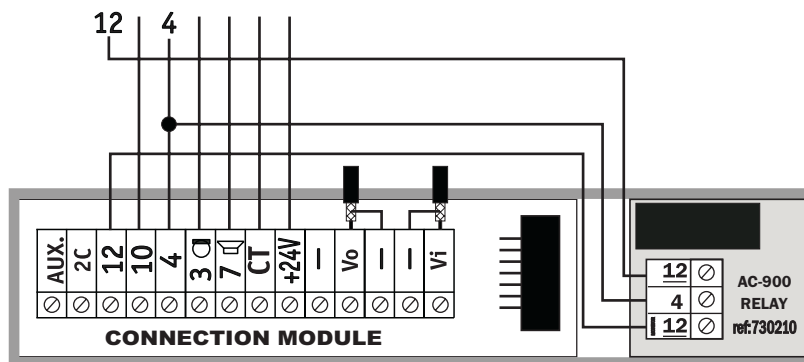


Correspondence connections between AC-900 and AV-900

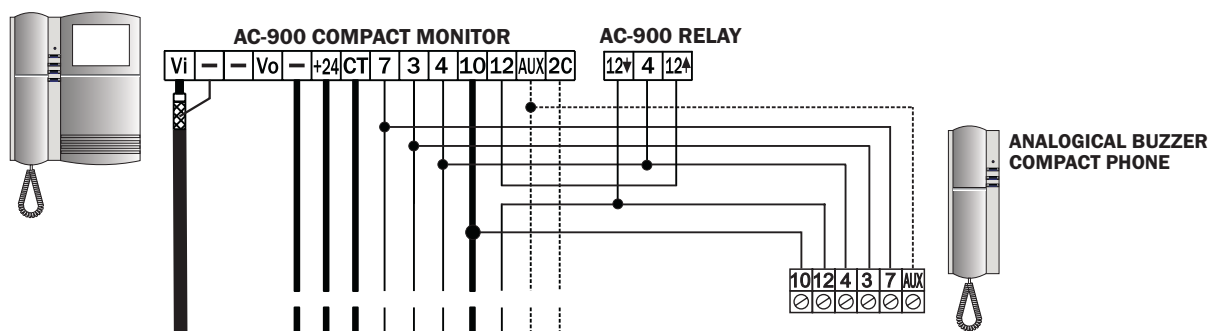


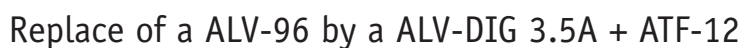
AC-900 Relay ref: 730210

If we have a 2nd AV-900 monitor, phone or an auxiliary buzzer in the flat, we have to use an AC-900 relay

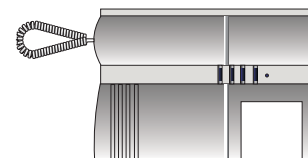


AC-900 installation with an analogical buzzer compact phone

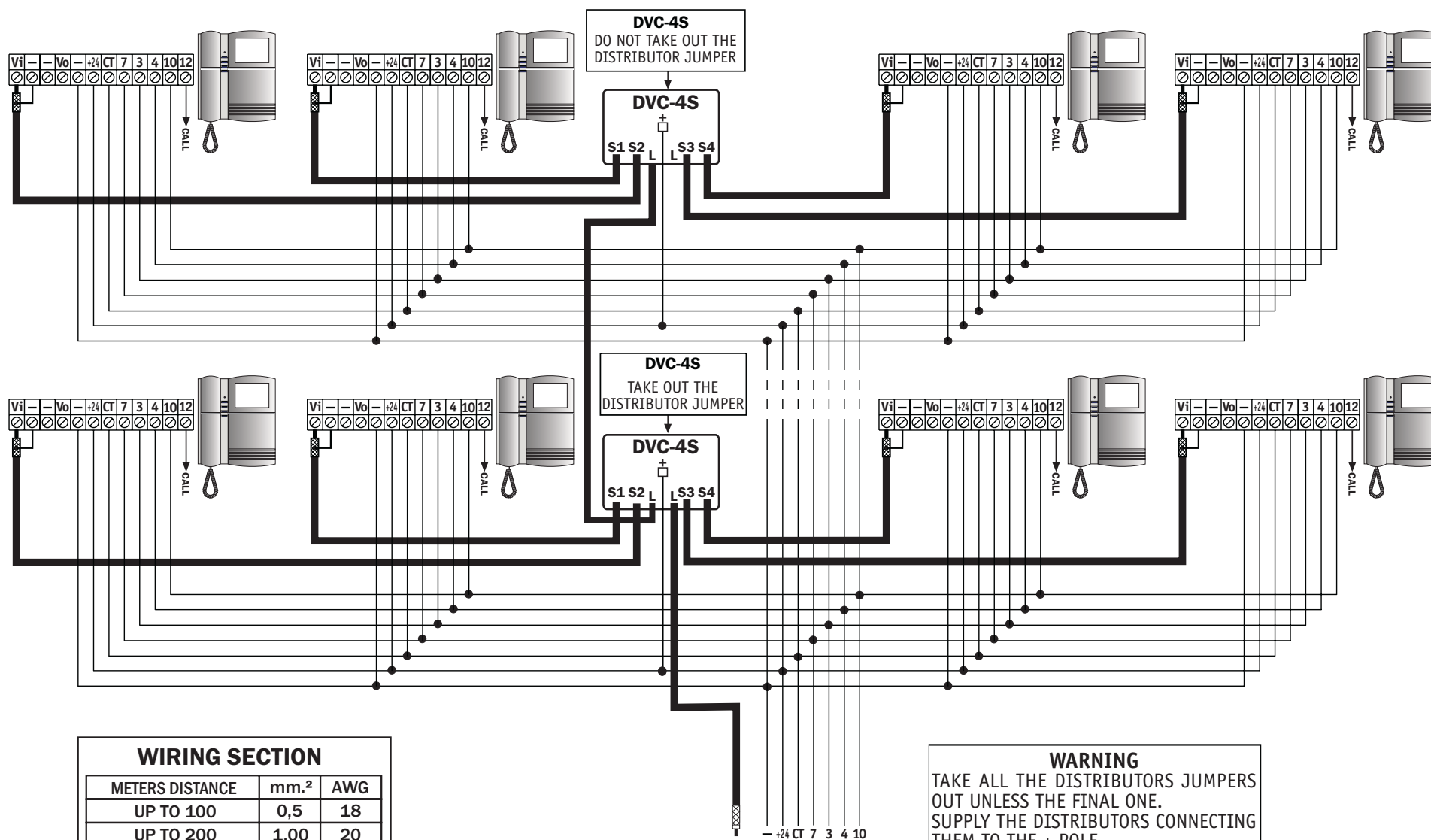


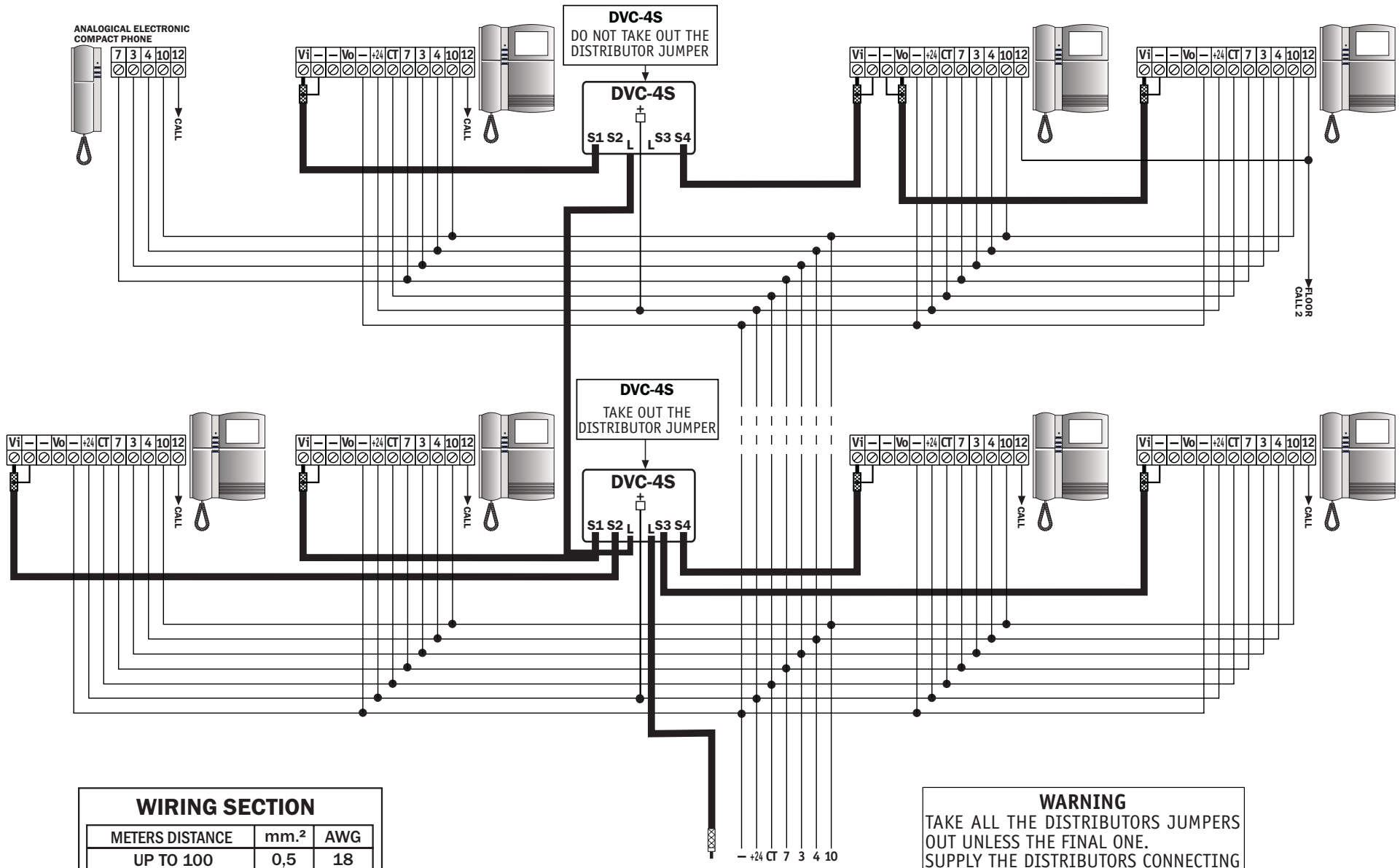


**WE CAN NOT CONNECT
THE CAMERA ACTIVATOR
WITH THE MF-S MODULE**

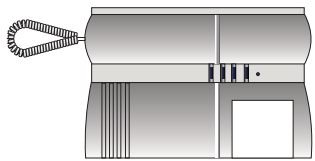


MONITORS DISTRIBUTION





MONITORS
DISTRIBUTION

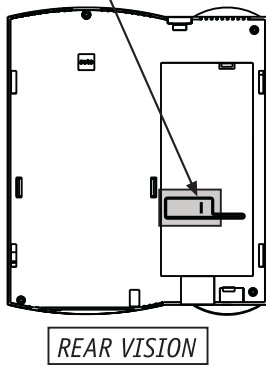


ANALOG

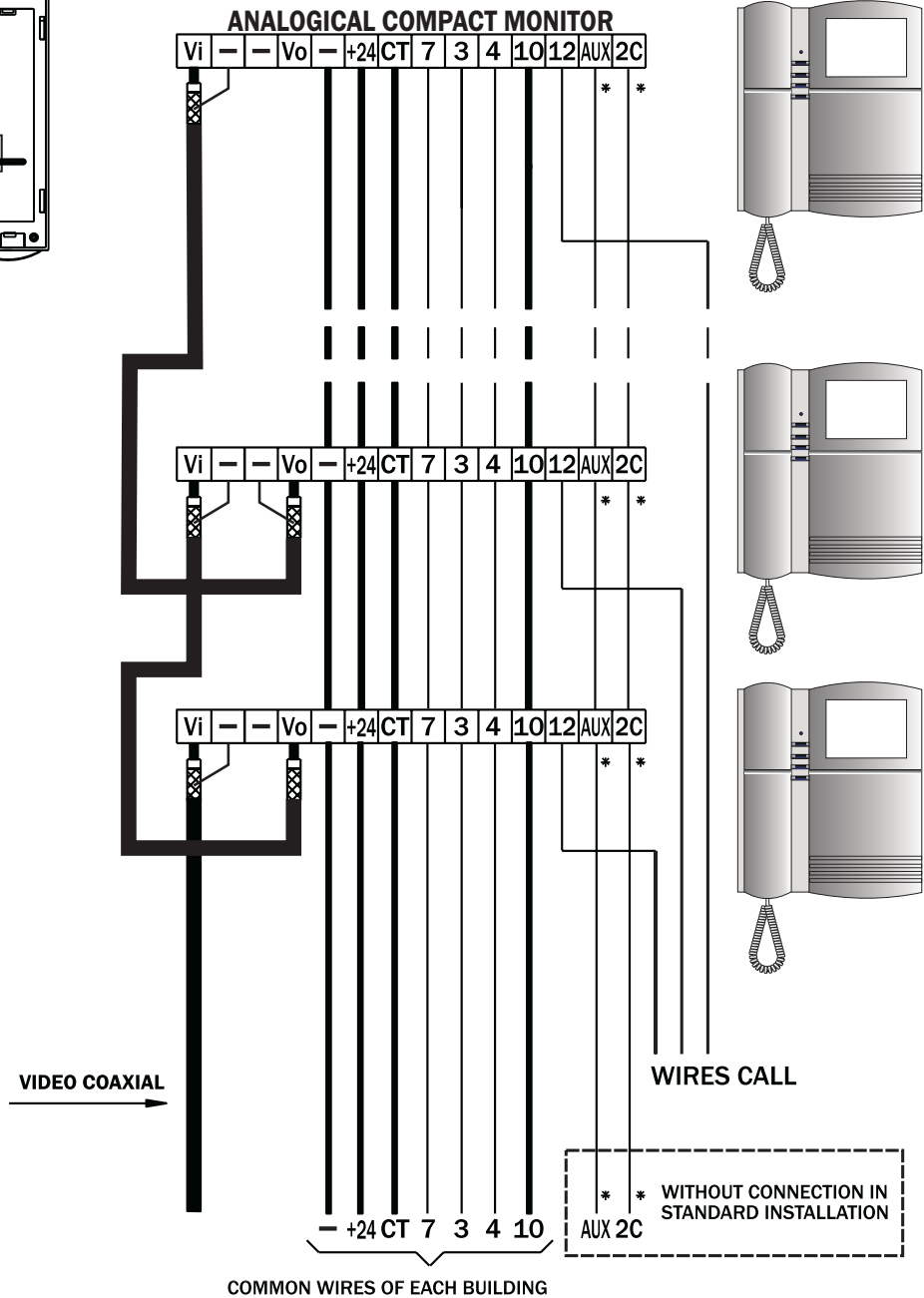
MONITORS
DISTRIBUTION



CUT THE JUMPER FOR MONITORS IN CASCADE



FOR MORE THAN 5 MONITORS MAKE THE VIDEO COAXIAL CONNECTION WITH DISTRIBUTORS

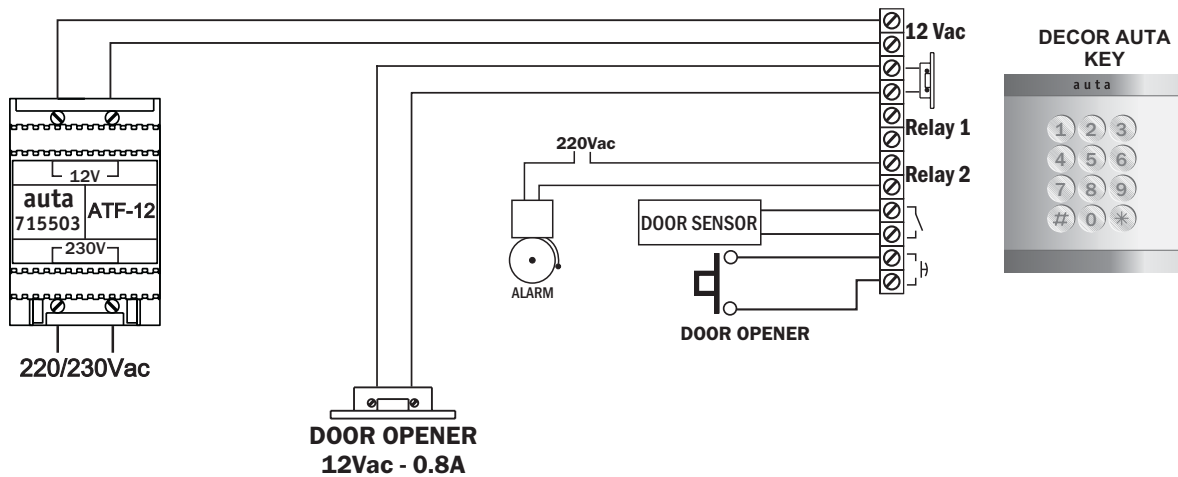


ANALOG

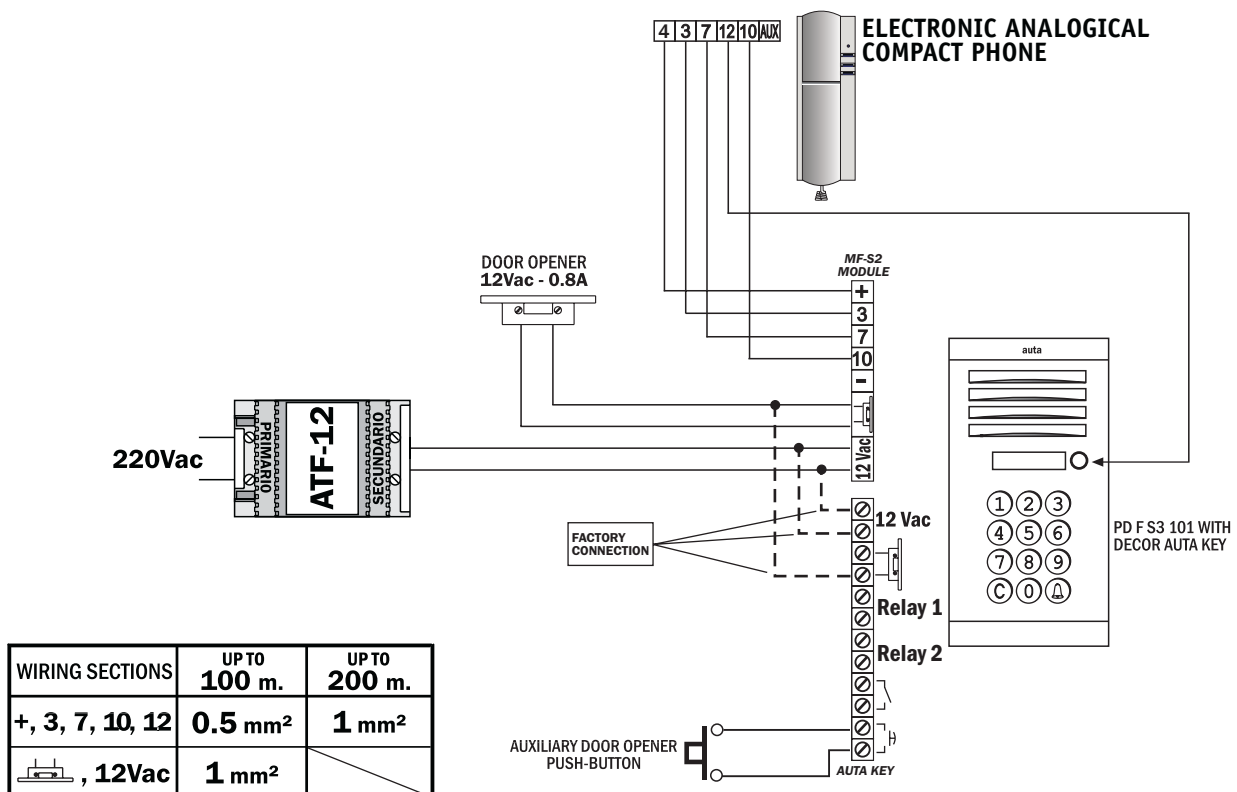
Functioning.-

Decor Auta key is an access control that can be installed either individually or integrated in a door & video door Auta panel. The codified access control lets till 300 different codes. The user could choose between codes of 5 digits. The system lets either release the door opener from inside using an auxiliary push-button or detect (if a door sensor & alarm is installed) whether the access is incorrectly done or forced.

Standard alone wiring diagram.-



Auta Key Installation diagram with decor panel.-



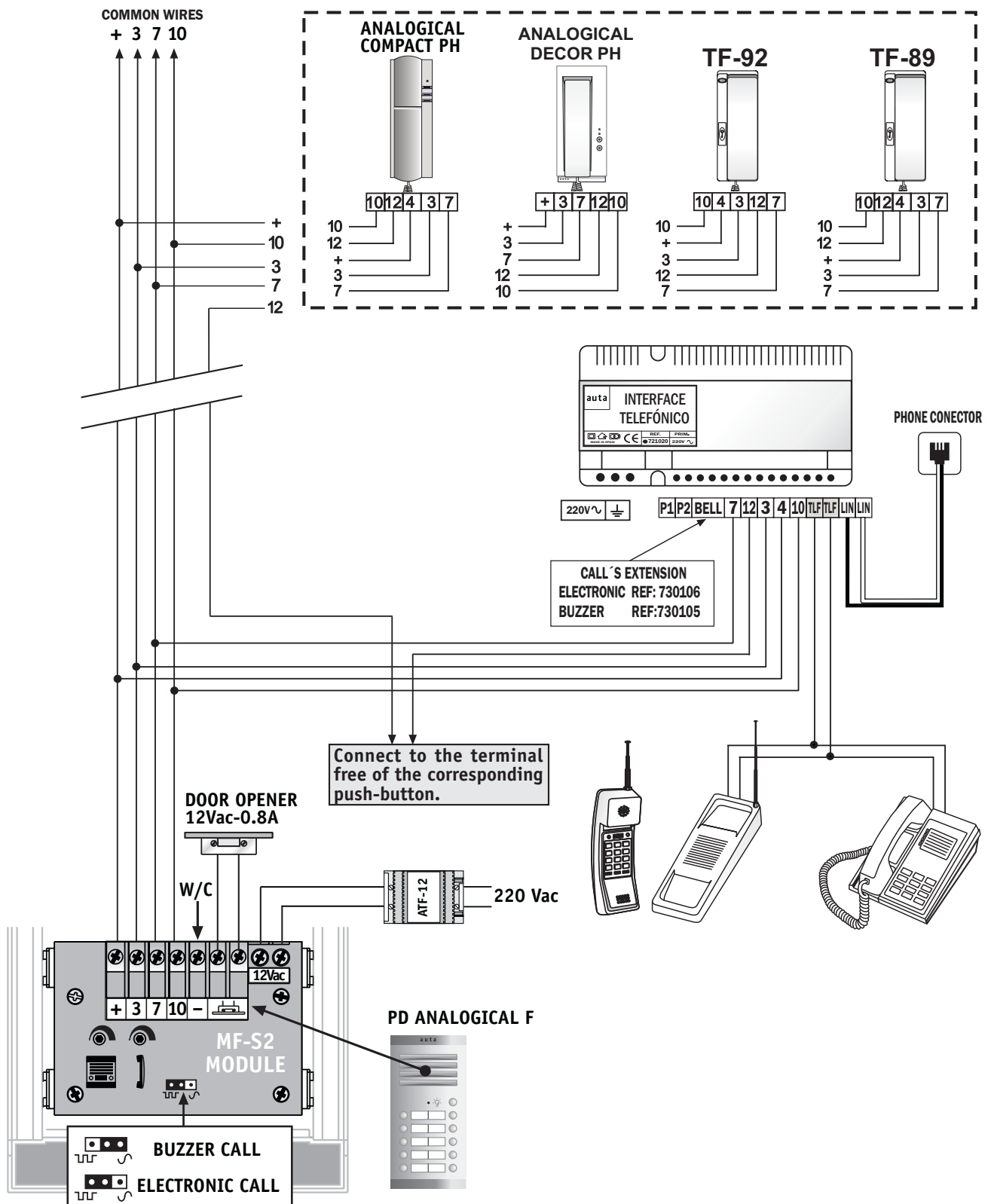
Functioning.-

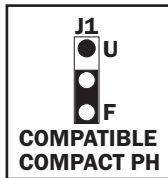
Auta's telephone interface is an accessory, which increases auta's analogical door systems facilities. Using the conventional telephone net, it lets communicate the external panel & door opener release with the same phone.

The system allows connection of any standard phone (**3 UNITS MAXIMUM**). Phones with calling by tones (Multi Frequency). With wireless phones DECT, the maximum of units given by the manufacturer of the phones.

The telephone interface only could be incorporated in installations with analogical auta equipment with buzzer call TF-89 or electronic call TF-92 ,DECOR or COMPACT.

Installation diagram.-





BRAND	DOOR	BUZZER	COMMON	MICRO	SPEAK	
COMPATIBLE COMPACT PHONE	10	Z	4	3	7	OSC.
ACET	5	9	2	10	7	
AIPHONE	4	B	3	2	1	
ALCAD TUN-001	1	6	2	3	4	5
AMPLIVOX	Z	1	0	R	T	
ARFE	1	V	2	1	3	
ATEA	2	5	3	4	1	
AUTA TF-89	10	12	4	3	7	
AUTA TF-92	10		4	3	7	12
AUTELCO	P5	2	1	A	B	
BOGEN	T	6	3	1	2	
B.P.T	2	3	4	1	5	
CENTRAMATIC	4	5	1	2	3	
CITESA	1	B	C	4	3	
CITOFONIX	3	5	2	1	4	
CITOVOK	5	T	9	10	7	
COMELIT	P1	1	4	3	2	
COSESA - AMPER TLFNO	D	E	C	A	B	
COSESA - AMPER MICRO	R	Z	+	A	B	
ELBEX		+	LOW	MIC	SPEC	
ELVOX	2	+	9	6	1	
FARFISA	5	6	3	1	2	
FECLO	F	E	C	A	B	
FERMAX TF-1Z	1	4	3	2	6	
FERMAX REKTO 4	P	E	C	A	B	
FERMAX GONDOLA	4	V-5	3	1	2	
FERMAX CITYMAX 4+n	1		3	2	6	4
FRINGE	2	4	1	3	6	
GAME-HIRSCHMAN	P	Z	3	2	1	
GIRO	2	4	1	3	6	
GOLMAR	C2	7	3	5	10	0
GOLMAR	X	N	A	M	S	
GOLMAR	11	12	3	5	4	
GOLMAR T-600	T	6	3	1	2	
GOLMAR T-2800	4	7	3	5	10	
GUARDAL	5	6	3-7	1	2	
ITALTEL	1	3	6	9	2	
LASSER (AMPLIVOX)	Z	1	0	R	T	
LT TERRANEO	T1	6	3	1	2	
MICROVOX	3	5	2	1	4	
MIGLIAVACCA	A	7	5-6	3	1	
NAGUI	8	7	2	6	4	
OSTELVI	9	7	6	2	1	
PAGANI COMPACT-71	Abr.	3	0	1	2	
PHONE	5	2	4	1	3	
PORMAT	4	V	2	3	1	
PORMAT 6 hilos	4	V	2-5	3	1	
PUYOLA (Altavoz 50Ω)	Z	LL	M	T	U	
RIPOLLES	3	4	8	1	2	
RUMBO	2	4	1	3	6	
SAFNAT	4	V	2	1	3	
SEITI	5	6	3	1	2	
SIEDLE HT-611-01	1	7	9/C	2	11	
SIEMENS	8-7	10	7-6	9	4	
SINGLE	2	4	3	1	5	
SPRINT	2	6	3	*/	2	
TAGRA	8	4	6	2	1	
T y E	8	4	6	2	7	
TECNIPHONE	4	V	3	1	2	
TEGUI-GL	3	1	2	4	5	
TEGUI-HORIZON N	3	1	2	4	5	
TEGUI-HORIZON E	3		2	4	5	1
TEGUI T-200	3		2	4	5	1
TELEVES	4	T	3	2	1	
TESLA DDZ 8S	1	4	3	2	6	
TESLA DDZ 93	Z	4	3	2	6	
TRANSVOX	10	12	4	3	1	
TRANSIFON	1	4	6	5	7	
TUNE	8	4	6	2	1	
URMET	9	7	6	2	1	
URMET	10	6	11	2	3	
URMET	10	7	11	2	12	
VE MEL	5	1	3	2	4	
VIDEX	5	6	7	1	2	
YUS PHONE	EL	B/PT	—	T	R	

DAMAGES	LIKELY REASON	SOLUTION
NO WORKING AT ALL	No power The fuse has gone Cut off or short-circuited lines	Test P.S.U. (Power Supply Unit) Test fuse Test wiring
THE CALL IN THE FLATS DOES NOT SOUND	Line 12 cut off Faulty push-button TF-89 Buzzer spool is cut off Cp line wrong connected TF-92 & ANALOG. COMPACT PHONE Loudspeaker spool is cut off Cp line wrong connected ANALOGICAL COMPACT MONITOR Loudspeaker spool is cut off Cp line wrong connected Faulty monitor's bracket The monitor's handset is incorrectly hung up	Test wiring Replace push-button Replace buzzer Connect line Cp in the terminal C Replace loudspeaker Connect line Cp in the terminal O Replace loudspeaker Connect line Cp in the terminal O Replace monitor's bracket Hung the monitor's handset correctly up
FEEDBACK	Volume excessive on panel	Volume potentiometers in speaker must be adjusted
NO AUDIO WITH HE PANEL	Inverted 3 & 7 lines No power between speaker's + & - faulty MF-S Cut off telephonic wiring	Test wiring Test wiring and power Replace MF-S Replace telephonic wiring
NO SOUND ON PANEL	Line 3 is cut off Cut off telephonic wiring faulty MF-S module	Test wiring Replace telephonic wiring Replace MF-S module
NO SOUND ON MONITOR OR PHONE	Line 7 is cut off Cut off telephonic wiring Faulty phones's loudspeaker	Test wiring Replace telephonic wiring Replace phones's loudspeaker
NO PICTURE ON THE MONITOR	Faulty coaxial cable No power Faulty CCD camera	Test coaxial cable Test T-N lines & P.S.U. Replace MV-D
GREY PICTURE & NO CONTRAST IN THE MONITOR	Unadjusted monitor's potentiometers DVC-4S incorrectly configured Direct light on the camera Faulty CCD camera	Adjust monitor's potentiometers Pull all the distributor's jumper away except the last one. Avoid direct light on the camera Replace MV-D module
ROLLING MONITOR PICTURE	DVC-4S incorrectly configured no RG-59 coaxial cable is being used	Pull all the distributor's jumper away except the last one. Replace by RG-59 or reinforce -
CARDHOLDER LIGHTING DOES NOT LIGHT ON	Burnt out lamp No power between R - C	Replace the lamp Test wiring and P.S.U.
ELECTRICAL STRIKE DOES NOT WORK	Line 10 cut off Faulty phone's or monitor's release button Faulty Electrical Strike	Test wiring Replace release button Replace electrical strike

DAMAGES	LIKELY REASON	SOLUTION
NO WORKING AT ALL	+ & - lines cut off or wrong connected No 24V tension between + & - Reset failure	Test wiring Test tension in the Power Supply Unit Disconnected P.S.U hold 30S on & reconnect
NO CALL TONE IN THE FLATS BUT CONFIRMATION CALL ON PANEL	Monitors or phones no codified Lines 1 & 2 have been inverted Columns connector wrong engaged Cp line wrong connected	Codify installation Test wiring Test connectors on encoder board Connect line Cp in the terminal C
FEEDBACK	Volume excessive on panel	Volume potentiometers in speaker must be adjusted
THE WHOLE INSTALLATION BLOCKS WHEN A CALL TO A HOUSING IS DONE	Excessive power consumption Inappropriate wiring thickness No RG-59 coaxial cable is being used Faulty Encoder Board	Reinforce the main power adding extra P.S.U Increase the wiring thickness Replace by RG-59 or reinforce – Replace Encoder Board
SOME MONITOR OR PHONE IS WELL POWERED BUT DOES NOT WORK	Lines 1 & 2 have been inverted Monitors or Phones no codified Faulty monitor bracket	Test wiring Codify installation Replace monitor bracket
WHITE SCREEN ON MONITOR	Faulty coaxial cable No powered DVC-4S video signal distributor Faulty DVC-4S video signal distributor No RG-59 coaxial cable is being used No powered CCD camera Faulty CCD camera	Test coaxial cable Power the DVC-4S video signal distributor Replace DVC-4S video signal distributor Replace by RG-59 or reinforce – Test power on MV-D Replace MV-D
GREY PICTURE & NO CONTRAST IN THE MONITOR	Unadjusted monitor's potentiometers DVC-4S incorrectly configured Direct light on the camera Faulty CCD camera	Adjust monitor's potentiometers Pull all the distributor's jumper away except the last one. Avoid direct light on the camera Replace MV-D module
ROLLING MONITOR PICTURE	DVC-4S incorrectly configured No RG-59 coaxial cable is being used	Pull all the distributor's jumper away except the last one. Replace by RG-59 or reinforce -
SELF-STARTING DOES NOT WORK	No configured self-starting No activated self-starting panel	Configure self-starting either on encoder board or monitor A first call to the monitor from the panel has to be done for self-starting activation
CARDHOLDER LIGHTING DOES NOT LIGHT ON	Burnt out lamp No power between R – C	Replace the lamp Test wiring and P.S.U.
ELECTRICAL STRIKE DOES NOT WORK	Cut off R-C lines Faulty Electrical Strike	Test wiring Replace electrical strike

NOTES