



**notiziario tecnico**  
*installation wiring diagrams*

**CITOFONIA**  
**AUDIO DOOR ENTRY SYSTEM**  
**2002**



**AMPLYVOX**





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## Note

- a) Amplyvox S.p.A. suggests to use original components only.
- b) All the products included in this brochure are better described in our general catalogue.
- c) Amplyvox, reserves the right to modify the design, construction, composition and equipment as it shall think fit without notifying the buyer and to supply products which may not be in strict accordance with agreed specification.

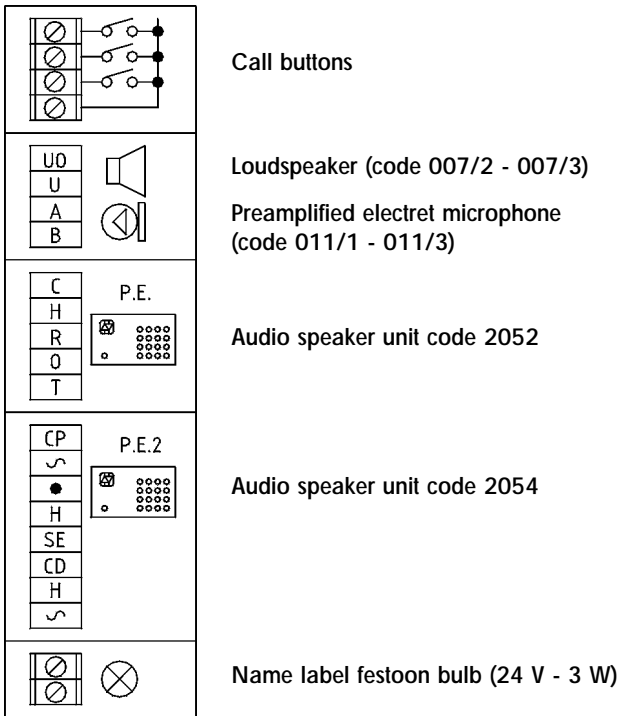
TO FACILITATE THE READING OF THE DIAGRAM, TERMINAL DATA MAY NOT CORRESPOND TO THE POSITION INDICATED ON THE EQUIPMENT.

TO AVOID DAMAGE THE PRINTED CIRCUIT, WE SUGGEST THAT TERMINALS ARE NOT OVERTIGHTENED.



AMPLIVOX

**Entrance panel components**



**LEGEND:**

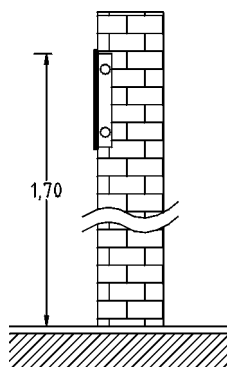
- Y** : door opener button
- J** : apartment call
- S.E.** : electric lock 12 Vac - 18 VA
- W** : external contact

**Section of wires**

100 mt.		200 mt.	
	1 mm		2 mm
	0,5 mm		1 mm

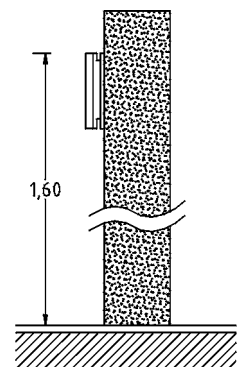
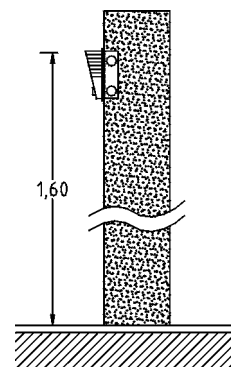
**Suggested installation heights**

**ENTRANCE PANEL:**  
 Componibile  
 Single Plate  
 Mosaico



**VIVAVOCE**

**TELEPHONES**





## Suggestions for the correct installation

- 1) Do not execute any connection, replacement or operation with the system powered.
- 2) Do not run the cables of the audio door system in the same duct of the mains network.
- 3) Use an interinterface relay (code 859/20) to drive the electrical door lock opening in systems with long connection lines, in order to avoid possible noises due to alternate induction on the cable.
- 4) A relay is suggested to control external devices like electric bell, light, etc.
- 5) There are more than one "H" terminals on the equipments, it makes no difference which "H" terminal is used.
- 6) To supply the name label festoon bulbs in the entrance panel a dedicated transformer and its wires connection are suggested.
- 7) "Duplex speech" systems: where possible, twisted "A" and "B" wires and twisted "U" and "UO" wires are suggested. Twisted wires avoid possible inductions, specially in case of long connection lines.
- 8) "Duplex speech" systems: in case "Symbol" handsets have to be installed in the system a 100 ohm ¼ W resistor must be installed on handset "T" terminal.

## Preliminary checks

Before main connections:

- 1) Check that the connections are made following the drawing supplied with the equipment.
- 2) Check that no short circuit exists between terminals "H" and "+" in the power supplies codes 202 - 202/E - 203.

## Test of operation

- 1) Power the system.
- 2) Push the call button of the external entrance panel and check if the call sounds at the telephone.
- 3) The phonic test must be effected talking at a distance of 20 cms. from the external audio entrance panel.  
The volume of the amplifier (code 428) and of the audio speaker unit (codes 2052 - 2054) is normally factory set, however if the amplification proves to be too high or too low, this can be adjusted accordingly via the two potentiometer "A" and "B".

"A" = regulates the volume from the inside to the outside

"B" = regulates the volume from the outside to the inside

The amplification setting must be carried out with the unit in operation, so as to hear the effect of the settings.

It is important to start the adjustments with potentiometer "A".

However it is important to avoid increasing the volume to a very high level that will produce the feedback whistle due to larsen effect.



## Troubleshooting

### "Duplex speech" system

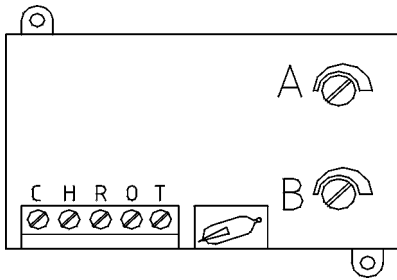
- A) THE FEEDBACK WHISTLE DUE TO LARSEN EFFECT.
- Check connections are correct, then reduce both volumes controls until the whistle is eliminated.
  - It is recommended to set channel "A" volume greater than channel "B".
- B) INTERNAL VOLUME TOO LOW
- Check that there are no cross connections between terminals "A" and "B" of the microphone in the external entrance panel.
  - The efficiency of the microphone might have fallen and its replacement would be necessary.
  - Fault in the channel "B" of the amplifier (code 428). Replace the amplifier.
- C) EXTERNAL VOLUME TOO LOW
- The efficiency of the loudspeaker in the external entrance panel might have fallen and its replacement would be necessary.
  - Fault in the channel "A" of the amplifier (code 428). Replace the amplifier.
- D) NO PHONIC IN BOTH CHANNEL
- Check that a voltage (15 Vac) is present between the terminal "H" and "S-C" of the amplifier code 428.
  - Check fuse (250 mA - 2 A) in the amplifier.
  - Replace the fuse if blown and replace the amplifier if the fuse continue to blow.

### Audio door system

- A) THE FEEDBACK WHISTLE DUE TO LARSEN EFFECT
- Check connection are correct, then reduce both volumes controls until the whistle is eliminated.
  - It is recommended to set channel "A" volume greater than channel "B".
- B) EXTERNAL VOLUME TOO LOW
- Check that all the handsets are hooked properly in place. Disconnect the wire "R" from the audio unit (code 2052) and measure the resistance between the wires "R" and "O". This value must be about 1-5 Kohm.
  - If the value is lower than 1-5 Kohm, check that there are no cross connections.
  - If may happen that although the handsets are hooked on correctly in place the contacts may not operate properly. To check this leave the handset hooked on in place and speak near to the handset, if the voice is heard from the outside, then the switching device is not working. In this case the control lever and the microswitch must be checked.

### Services

- A) TELEPHONE DOES NOT RELEASE THE ELECTRIC LOCK
- Check the continuity of the wire "Z" .
  - Check that a voltage of 15 Vac is present between terminals "H" and "S" of the power supply.

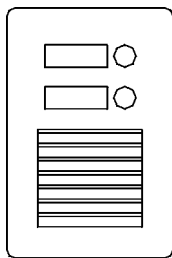


**Audio speaker unit Code 2052**

Dimensions : 94 x 57 x 35 mm  
 Housing : ABS

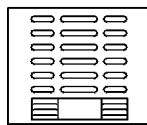
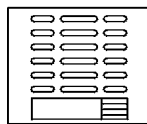
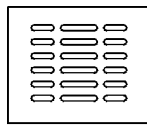
Regulations : **A** volume from the inside to the outside  
**B** volume from the outside to the inside

To use with entrance panels:



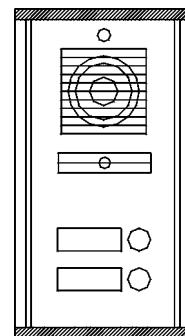
**SINGLE PLATE**

Code 2011/..  
 Code 2012/..  
 Code 2014/..



**MOSAICO**

Audio speaker module Code 2901/0  
 Audio speaker module Code 2901/1  
 Audio speaker module Code 2901/2DP



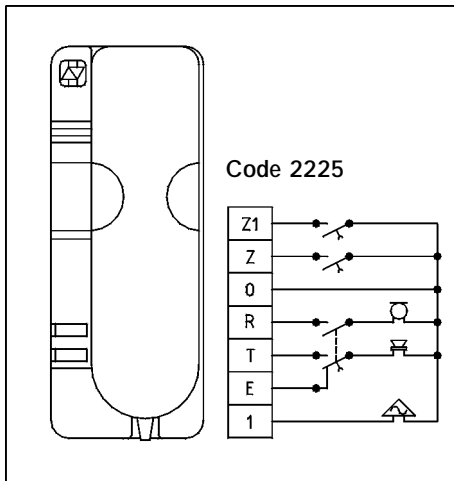
**COMPONIBILE**

Code 2060/....  
 Code 2061/....  
 Code 2062/....  
 Code 2063/....  
 Code 2064/....

**Terminal functions**

Code 2052

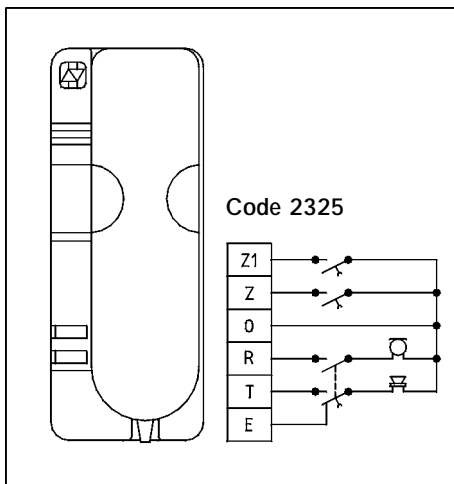
T.	Value	Function	Note
C	12 V =/~	Audio unit supply	Stand on terminal
H	0 V	General earth	Stand on terminal
T	1 V p.p.	Audio signal loudspeaker telephone	Stand on terminal
R	Opened 12 V = Closed 4 V =	Audio unit microphone	Modulate voltage during conversation
O	0 V	Phonic earth	Stand on terminal



**Telephone SYMBOL "universal"**

- Code 2211 withe-grey 1 push-button
- Code 2214 black 1 push-button
- Code 2215 withe 1 push-button
- Code 2216 rubyred 1 push-button
  
- Code 2221 withe-grey 2 push-buttons
- Code 2224 black 2 push-buttons
- Code 2225 withe 2 push-buttons
- Code 2226 rubyred 2 push-buttons

Dimensions : 85 x 219 x 35 mm  
Housing : antistatic technopolymers



**Telephone SYMBOL "electronic call"**

- Code 2311 withe-grey 1 push-button
- Code 2314 black 1 push-button
- Code 2315 withe 1 push-button
- Code 2316 rubyred 1 push-button
  
- Code 2321 withe-grey 2 push-buttons
- Code 2324 black 2 push-buttons
- Code 2325 withe 2 push-buttons
- Code 2326 rubyred 2 push-buttons

Dimensions : 85 x 219 x 35 mm  
Housing : antistatic technopolymers

**Only use with power supplies codes 202 - 202/E**

**Terminal functions**

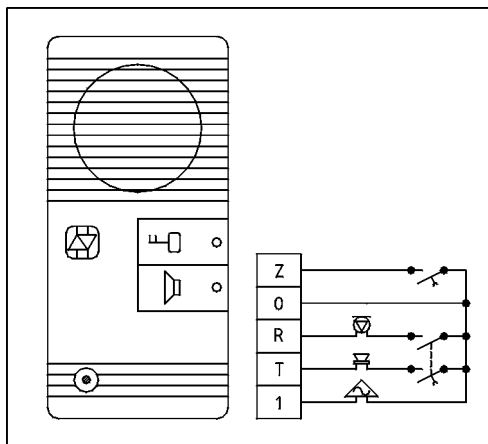
T.	Value	Function	Note
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**Telephone "universal"**

T	50 Ohm 0,25W	Audio signal loudspeaker	Stand on terminal
R	Opened 12 V = Closed 4 V =	Carbon microphone capsule (100 - 500 Ohm)	Modulated voltage during conversation
O	0 V	Phonic earth	Stand on terminal
E		L.F. input signal	Modulated signal
1	12/15 V~	Call	Buzzer (22 Ohm)
Z	Open. 12/15 V~ Closed 0 V	Electric lock release control	Closed to earth when the relay is activated
Z1	Open. 12/15 V~ Closed 0 V	Additional electric lock release control	Closed to earth when the relay is activated

**Telephone "electronic"**

T	50 Ohm 0,25W	Audio signal loudspeaker	Stand on terminal
R	Opened 12 V = Closed 4 V =	Carbon microphone capsule (100 - 500 Ohm)	Modulated voltage during conversation
O	0 V	Phonic earth	Stand on terminal
E		L.F. input signal	Modulated signal
Z	Open. 12/15 V~ Closed 0 V	Electric lock release control	Closed to earth when the relay is activated
Z1	Open. 12/15 V~ Closed 0 V	Additional electric lock release control	Closed to earth when the relay is activated

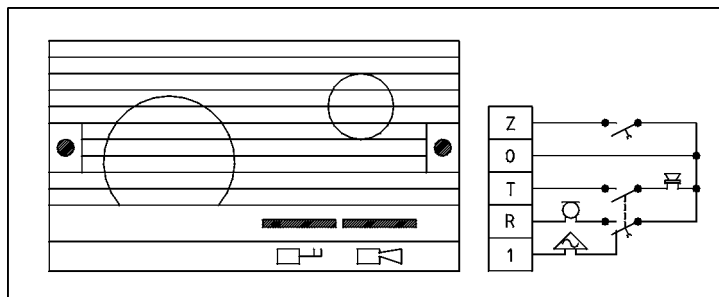


### Speech telephone VIVAVOCE

Code 442 wall mount Withe-Grey  
Code 444 wall mount Withe

Dimensions : 83 x 173 x 35 mm  
Housing : ABS

To use with power supply - amplifier code 428



### Speech telephone VIVAVOCE

Code 440 flush mounting Grey  
Code 441 flush mounting White

Frontplate : 161 x 110 x 11 mm  
Dept : 30 mm  
Housing : ABS

To use with power supply - amplifier code 428

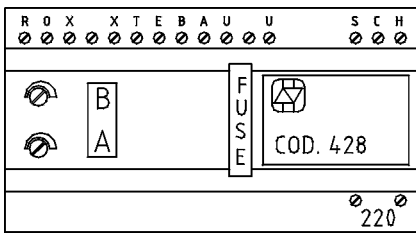
### Terminal functions

#### Code 440 - 441

T.	Value	Function	Note
T	8 Ohm 0,5 W	Audio signal loudspeaker	Stand on terminal
R	Opened 12 V= Closed 4 V=	Carbon microphone capsule (100 - 500 Ohm)	Modulated voltage during conversation
O	0 V	Phonic earth	Stand on terminal
1	12/15 V~	Call	Buzzer (22 Ohm)
Z	Opened 15 V~ Closed 0 V	Electric lock release control	Closed to earth when the relay is activated

#### Code 442 - 444

T	8 Ohm 0,5 W	Audio signal loudspeaker	Stand on terminal
R	Opened 12 V = Closed 4 V =	Carbon microphone capsule (800 - 12 Kohm)	Modulated voltage during conversation
O	0 V	Phonic earth	Stand on terminal
1	12/15V~	Call	Buzzer (22 Ohm)
Z	Opened 15 V~ Closed 0 V	Electric lock release control	Closed to earth when the relay is activated



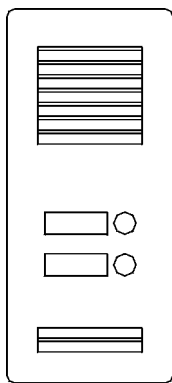
**Power supply - amplifier Code 428**

Dimensions : 185 x 100 x 77 mm  
Housing : ABS (DIN module)

Protections : fuse 250 mA (primary)  
fuse 2 A (secondary)

Regulations : **B** volume from the outside to the inside  
**A** volume from the inside to the outside

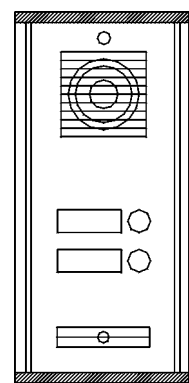
**To use with entrance panels**



**SINGLE-PLATE**  
Code 4011/..  
Code 4012/..  
Code 4014/..



**MOSAICO \***  
Speaker module Code 2921/0  
..... module Code ...  
Microphone module Code 2911/..



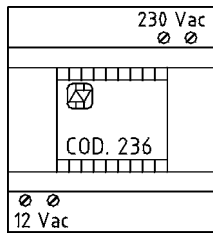
**COMPONIBILE**  
Code 4091/..  
Code 4092/..  
Code 4093/..  
Code 4094/..

**Terminal functions**

**Code 428**

T.	Value	Function	Note
H	0 V	General earth	All voltage reference level
C	15 V ~	Services input voltage	Stand on terminal
S	15 V ~	Services input voltage	Stand on terminal (max 1,5 A)
T	2 V p.p.	Audio signal loudspeaker telephone	Stand on terminal
R	Opened 12 V = Closed 4 V =	Audio unit microphone	Modulated voltage during conversation
O	0 V	Phonic earth	Stand on terminal
X		Gain control	Special function
X		Gain control	Special function
E		Entrance panel dinamic microphone	
U	0 V	Entrance panel loudspeaker earth	Stand on terminal
U	3 V p.p.	Entrance panel loudspeaker audio signal	Stand on terminal
A	Opened 12 V = Closed 3,5 V =	Entrance panel preamplifier microphone	Modulated voltage during conversation
B	0 V	Entrance panel microphone earth	Stand on terminal
220	230 V ~	Input voltage	Main

\* **NOTE :**  
Speaker module and microphone module must be ever separate by another module (BLANK - INFORMATION - BUTTON).

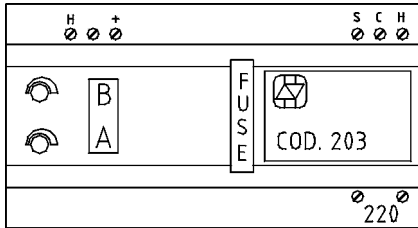


**Transformer Code 236**

Dimensions : 87 x 100 x 77 mm  
 Housing : ABS (DIN module)

Input voltage : 230 Vac  
 Output voltage : 12 Vac  
 Power : 18 VA

**Utilisation:** Single and dual residence kit

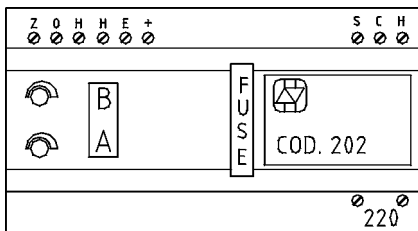


**Power supply Code 203**

Dimensions : 185 x 100 x 77 mm  
 Housing : ABS (DIN module)

Protections : fuse 250 mA (primary)  
 fuse 2 A (secondary)

**Utilisation:** Multi users system - automatic switching system etc..



**Power supply Codes 202 - 202/E**

Dimensions : 185 x 100 x 77 mm  
 Housing : ABS (DIN module)

Protections : fuse 250 mA (primary)  
 fuse 2 A (secondary)

**Utilisation:** Multi users system with electronic telephone (codes 202 - 202/E)  
 Intercom system without external entrance panel (code 202)

**Terminal functions**

T.	Value	Function	Note
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**Code 236**

12Vac	12 V ~	Services input voltage	Stand on terminal (max 1,5 A)
230Vac	230 V ~	Input voltage	Main

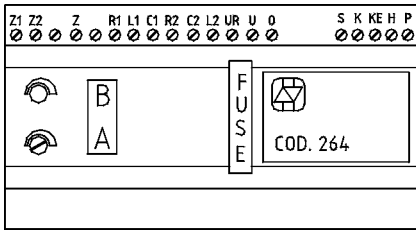
**Code 203**

H	0 V	General earth	All voltage reference level
S	15 V ~	Services input voltage	Stand on terminal (max 1,5 A)
C	10 V ~	Services input voltage	Stand on terminal (0,5 A)
+	+12 V =	Permanent voltage	Stand on terminal (max 150 mA)
220	230 V ~	Input voltage	Main

**Code 202/E  
202**

H	0 V	General earth	All voltage reference level
S	15 V ~	Services input voltage	Stand on terminal (max 1,5 A)
C	10 V ~	Services input voltage	Stand on terminal (max 0,5 A)
+	+12 V =	Permanent voltage	Stand on terminal (max 150 mA)
O	0 V	Phonic earth	Stand on terminal
Z	8 V =	Intercom input voltage	Special fuction ( <b>only code 202</b> )
E	19 V =	L.F. output signal	Modulated signal
220	230 V ~	Input voltage	Main

ENGLISH



**Automatic switches Codes 264 - 266**

Dimensions : 185 x 100 x 77 mm  
 Housing : ABS (DIN module)

Protections : fuse 1 A

Regulations : B no present  
 A timer ( 20 - 120 sec.)

**Utilisation:** Automatic switching system.

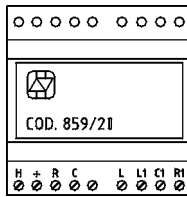
**NOTE :**

Code 264: it opens one door lock a time (main door OR stairs door)  
 Code 266: it opens main AND stairs door locks contemporarily

**Terminal functions**

**Codes 264 - 266**

T.	Value	Function	Note
H	0 V	General earth	All voltage reference terminal
S	15 V ~	Services input voltage	Stand on terminal
K	15 V ~	Common push buttons	Audio speaker unit timing start
KE	15 V ~	Cascade switching input	Special function
P	15 V ~	Common push buttons	Audio speaker unit timing reset
UR	12 V =	Voltage present at rest	Special function
O		Junction terminal	Wire fixing function (not connected)
U	12 V =	Voltage present on when timer is working	Special function
Z		Electric lock relay	Common contact
Z2		Electric lock relay	NO contact
Z1		Electric lock relay	NC contact
C1		Relay 1	Common contact
L1		Relay 1	NO contact
R1		Relay 1	NC contact
C2		Relay 2	Common contact
L2		Relay 2	NO contact
R2		Relay 2	NC contact

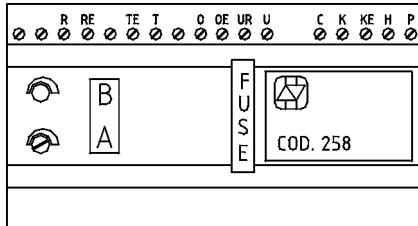


### Relay Code 859/20

Dimensions : 70 x 86 x 71 mm  
Housing : ABS (DIN module)

Current : 5 A  
Input voltage : 12 - 24 Vdc/ac

Utilisation: universal control relay



### Automatic switch Code 258

Dimensions : 185 x 100 x 77 mm  
Housing : ABS (DIN module)

Protections : fuse 1 A

Regulations : B no present  
A timer ( 20 - 120 sec.)

Utilisation: Intercom system with external entrance panel

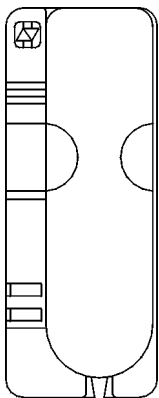
### Terminal functions

#### Code 859/20

T.	Value	Function	Note
H	0 V	General earth	All voltage reference level
+	12 - 24 V =/~	Input voltage	Vdc - Vac
C		Switch 1	Common contact
L		Switch 1	NO contact
R		Switch 1	NC contact
C1		Switch 2	Common contact
L1		Switch 2	NO contact
R1		Switch 2	NC contact

#### Code 258

C	12 V =/~	Amplifier supply	Stand on terminal
H	0 V	General earth	All voltage reference level
T	0 V Audio signal	Telephone loudspeaker	Intercommunication External communication
R	7 V= Op12V=/CI 4V=	Telephone microphone	Intercommunication External communication
O	Open circuit 0 V	Telephone phonic earth	Intercommunication External communication
TE	Audio signal	Phonic signal	Stand on terminal
RE	Opened 12 V = Closed 4 V =	Phonic signal	Modulated voltage during conversation
OE	0 V	Phonic earth	Stand on terminal
U	+12 V =	Voltage present during conversation	Special function
UR	+12 V =	Voltage present at rest	Special function
K	12 V =/ ~	External common push buttons	External audio speaker unit timing start
KE	12 V =/ ~	Cascade switching input	Special function
P	12 V =/ ~	Intercom push buttons	External audio speaker unit timing reset

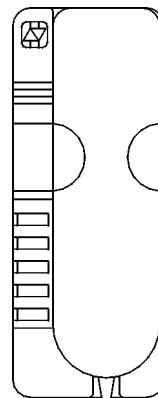


**Telephone SYMBOL**  
"Intercommunicating"

Code 2224/2 black  
Code 2225/2 white  
Code 2226/2 rubyred

Dimensions : 85 x 219 x 35 mm  
Housing : antistatic technopolymers

Utilisation: intercom kit.



**Telephone SYMBOL**  
"Intercommunicating"

Code 2254 black  
Code 2255 white  
Code 2256 rubyred

Dimensions : 85 x 219 x 35 mm  
Housing : antistatic technopolymers

Utilisation: multi users intercom system.

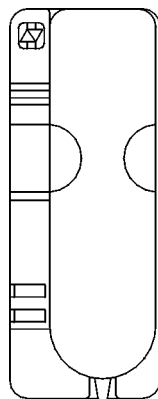
**Terminal functions**

Code 2224/2  
2225/2  
2226/2

T.	Value	Function	Note
T	0 V Audio signal	Loudspeaker (50 ohm - 0,25 W)	Intercommunication External communication
R	7 V = Op12V=/CI 4V=	Carbon microphone capsule (100 - 500 ohm)	Intercommunication External communication
Z	Open. 12/15 V ~ Closed 0 V	Electric lock release control	Closed to earth when the relay is activated
X	12 V =/~	Intercommunicating call	Buzzer (Vdc/Vac)
Y	12 V =/~	External call	Buzzer (Vdc/Vac)
H	0 V	General earth	All voltage reference level
OD	Open circuit 0 V	Phonic earth	Intercommunication External communication
CP	12 V =/~	Intercom common push buttons	Common contact
D	12 V =/~	Intercom push buttons	NO contact

Code 2254  
2255  
2256

T	0 V Audio signal	Loudspeaker (50 ohm - 0,25 W)	Intercommunication External communication
R	7 V = Op12V=/CI 4V=	Carbon microphone capsule (100 - 500 ohm)	Intercommunication External communication
O	0 V	Phonic earth	Stand on terminal
E	Opened 19V = Closed 5 V =	L.F. input signal	Modulated signal 10 V p.p.
1	12 V =	Call	Buzzer Vdc
Z	Open. 12/15 V ~ Closed 0 V	Electric lock release control	Closed to earth when the relay is activated
X	12 V =	Intercommunicating call	Buzzer 3 Kohm (Vdc)
Y	12 V =	Call	Buzzer 3 Kohm (Vdc)
H	0 V	General earth	All voltage reference level
OD	Open circuit 0 V	Phonic earth	Intercommunication External communication
CP	12 V =	Intercom common push buttons	Common contact
A	12 V =	Intercom push button	NO contact
B	12 V =	Intercom push button	NO contact
C	12 V =	Intercom push button	NO contact
D	12 V =	Intercom push button	NO contact



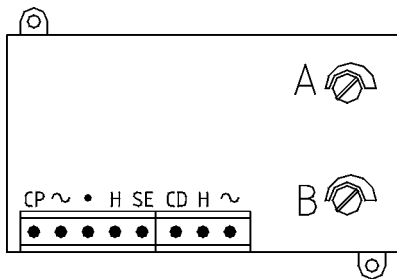
**Telephone SYMBOL**

- Code 2715      white      1 push-button
- Code 2725      white      2 push-buttons
- Code 2725/R   white      2 push-buttons + buzzer

**Telephone with privacy**

- Code 2815      white      1 push-button
- Code 2825      white      2 push-buttons
- Code 2825/R   white      2 push-buttons + buzzer

Dimensions :      85 x 219 x 35 mm  
 Housing :          antistatic technopolymers



**Audio speaker unit Code 2054**

Dimensions :      94 x 57 x 35 mm  
 Housing :          ABS

- Regulations :      **A** volume from the inside to the outside  
                          **B** volume from the outside to the inside

**Utilisation:** with entrance panels (to return page 5/UK)

**Terminal functions**

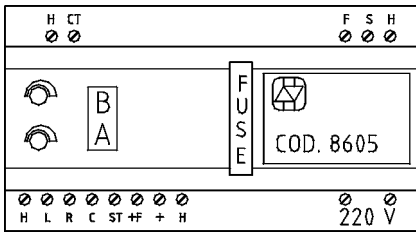
Code 2054

T.	Value	Function	Note
H	0 V	General earth	All voltage reference level
CP		Common push buttons	
.		Switch set	
~	12 V ~	Supply	Stand on terminal
CD		Common anode diodes circuit	
SE	Opened 12 V ~ Closed 0 V	Electric lock release control	Closed to earth when the relay is activated

Code 27..  
28..

R	+10 V = Closed + 5 V = Open. - 5 V ~ 0 V	Phonic input Electronic call Electric lock release control	
O	0 V	Phonic earth	Stand on terminal
1		Additional call	Buzzer
Z	Opened 12 V ~ Closed 0 V	Electric lock release control	Closed to earth when the relay is activated
Z1	Opened 12 V ~ Closed 0 V	Additional electric lock release control	Closed to earth when the relay is activated

ENGLISH



**Power supply Code 8605**

Dimensions : 185 x 100 x 77 mm  
 Housing : ABS (DIN module)

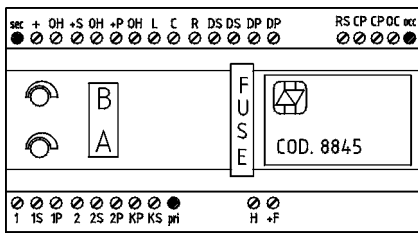
Protections : fuse 500 mAT (primary)  
 fuse 3 A (secondary)

**Utilisation:** automatic switching for multi users system

**Terminal functions**

Code 8605

T.	Value	Function	Note
H	0 V	General earth	All voltage reference level
F	16 V ~	Audio speaker unit supply	Stand on terminal
+F	+18 V =	Automatic switch supply	Stand on terminal
CT		External timer set	Additional supply function
+	+18 V =	Timed voltage	Additional supply function
ST	+18 V =	Voltage present at rest	Special function
L	NO contact	Auxiliary contact at rest	Special function
R	NC contact	Auxiliary contact at rest	Special function
C	Common contact	Auxiliary common contact	Special function
S	22 V ~	Services input voltage	Stand on terminal
220	230 V ~	Input voltage	Main



**Automatic switch Code 8845**

Dimensions : 185 x 100 x 77 mm

Housing : ABS (DIN module)

Protections : fuse 1 A

Utilisation: automatic switch for multi users system audio and video.

**Leds**

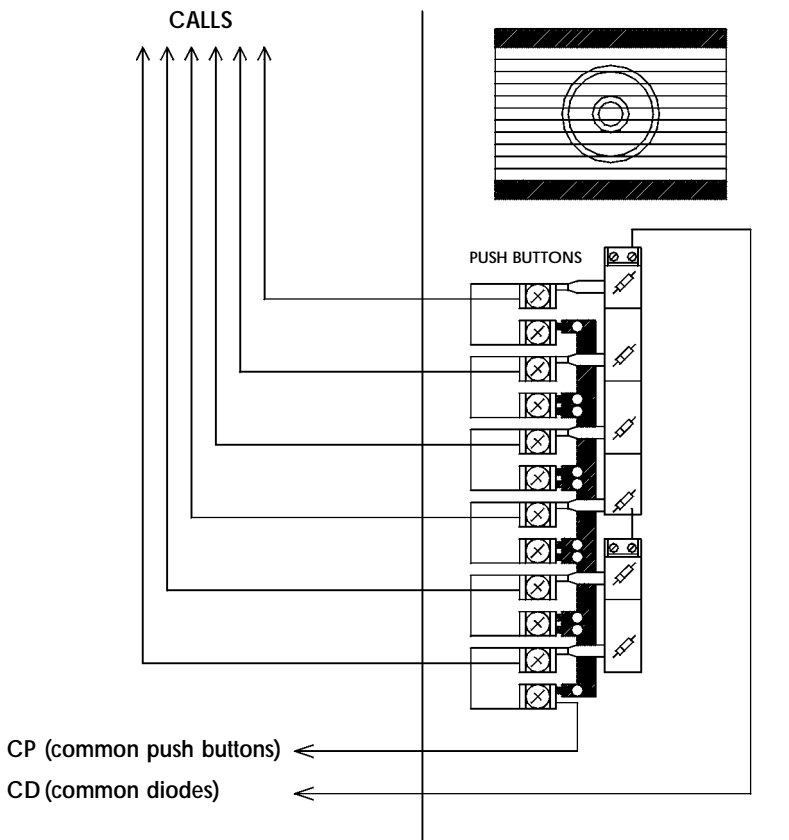
- PRI Common contacts close with NC contacts
- SEC Common contacts close with NO contacts
- OCC Busy signal works

**Terminal functions**

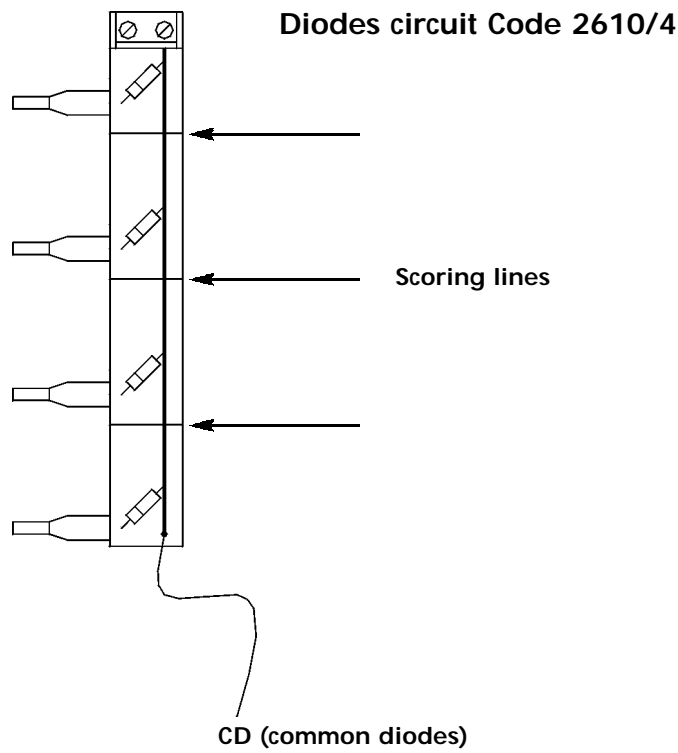
**Code 8845**

T.	Value	Function	Note
+F	+18 V =	Supply	Stand on terminal
OH	0 V	General earth	All voltage reference level
KP	+12 V = at rest 0 V call	Reset control	
KS	+12 V = at rest 0 V call	Set control	
RS		Busy signal	Special function
OC		Busy signal	Special function
1		Positive video signal	Common contacts
1P		Positive video signal	NC contact
1S		Positive video signal	NO contact
2		Negative video signal	Common contact
2P		Negative video signal	NC contact
2S		Negative video signal	NO contact
+	+18 V =	Monitors supply	Common contact
+P	+18 V =	Monitors supply	NC contact
+S	+18 V =	Monitors supply	NO contact
DS		Common anode diodes circuit	Common contact
DS		Common anode diodes circuit	NO contact
DP		Common anode diodes circuit	Common contact
DP		Common anode diodes circuit	NC contact
CP		Common push buttons	Common contact
CP		Common push buttons	NC contact
C		Auxiliary contact	Common contact
R		Auxiliary contact	NC contact
L		Auxiliary contact	NO contact

ENGLISH



Internal connection  
(entrance panel)



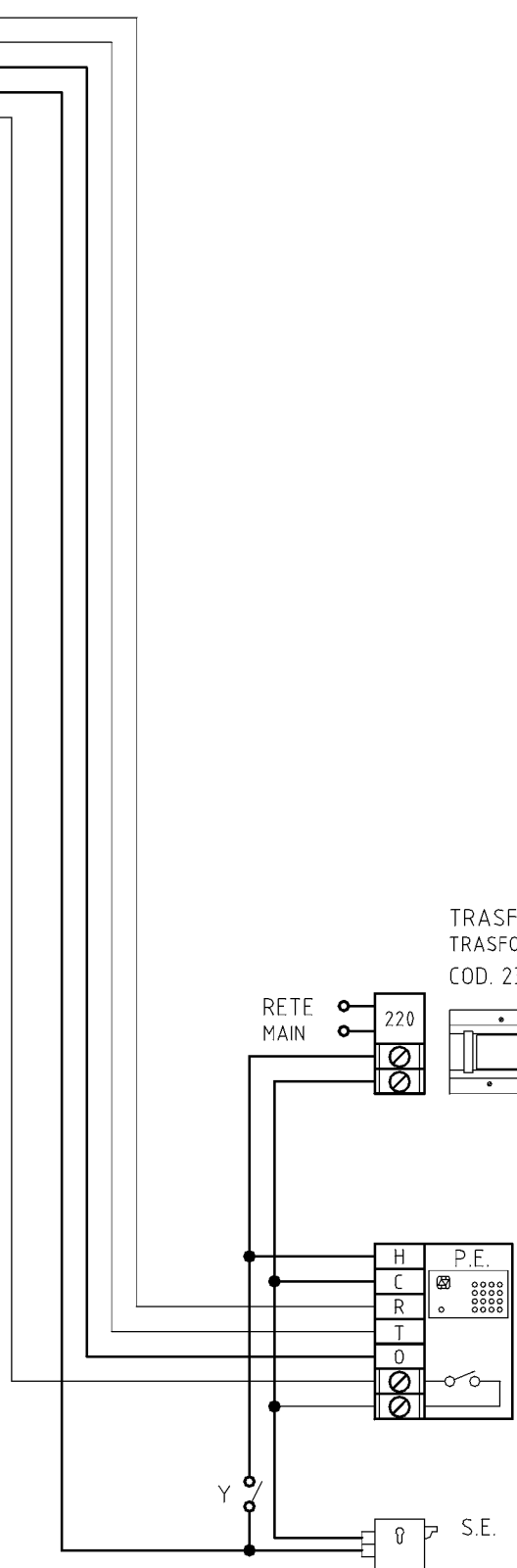
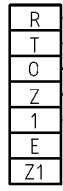
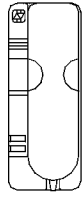


# schemi di collegamento

## *wiring diagrams*



SYMBOL  
 COD. 2225



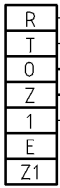
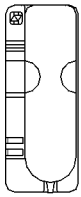
SCHEMI WIRING DIAGRAMS

**Kit unifamiliare**      cod.      2275/1    2285/1    2295/1  
 Single residence kit    code

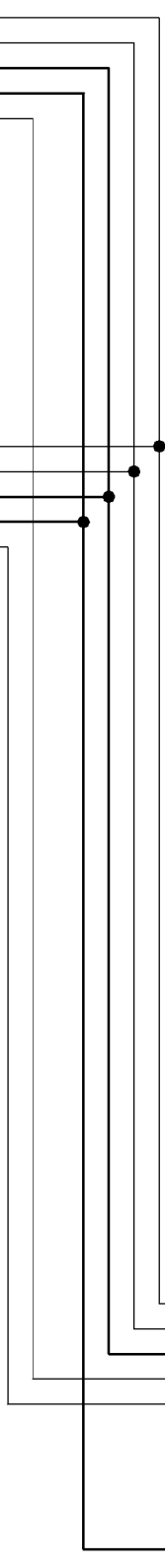
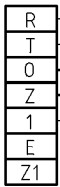
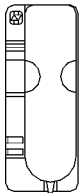
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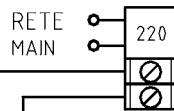
SYMBOL  
 COD. 2225



SYMBOL  
 COD. 2225

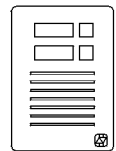
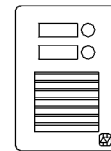
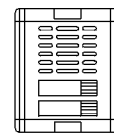


TRASFORMATORE  
 TRANSFORMER  
 COD. 236



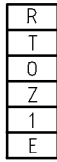
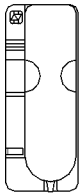
PULSANTIERA  
 ENTRANCE PANEL

COD. 2270/P2    COD. 2280/P2    COD. 2290/P2

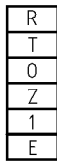
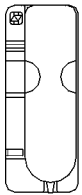




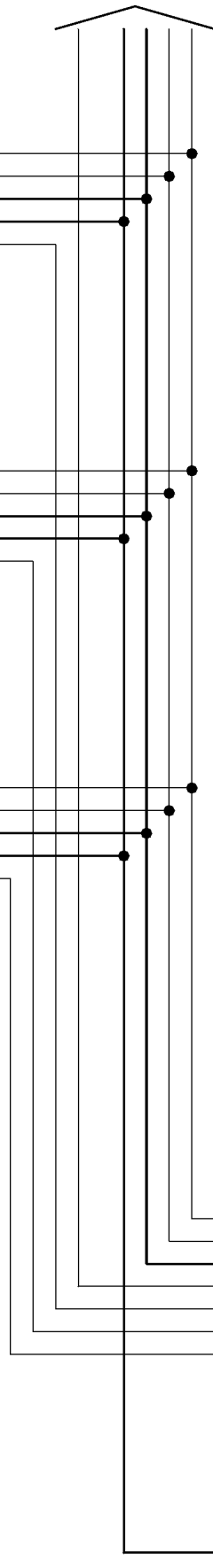
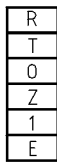
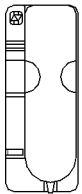
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COD. 2215



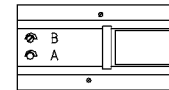
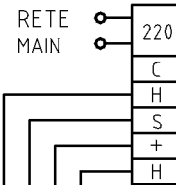
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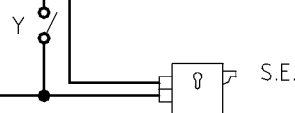
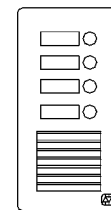
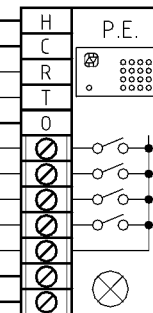
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COD. 2215

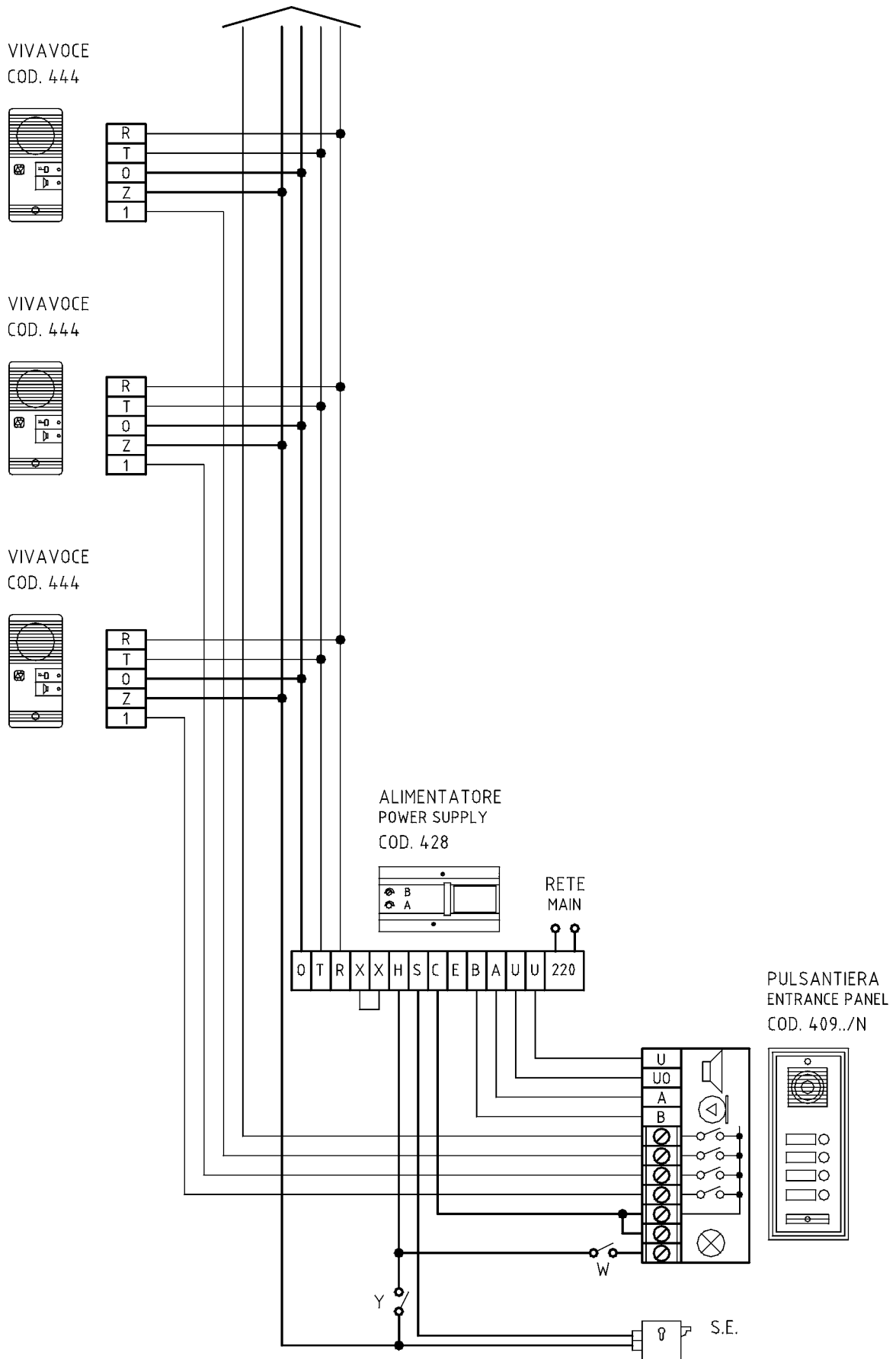


ALIMENTATORE  
POWER SUPPLY  
COD. 203



PULSANTIERA  
ENTRANCE PANEL  
COD. 201../N



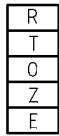
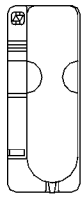


**Impianto plurifamiliare bicanale**  
 "Duplex speech" audio door entry multiway system

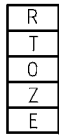
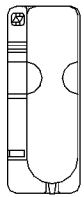
**sch. 2321#**



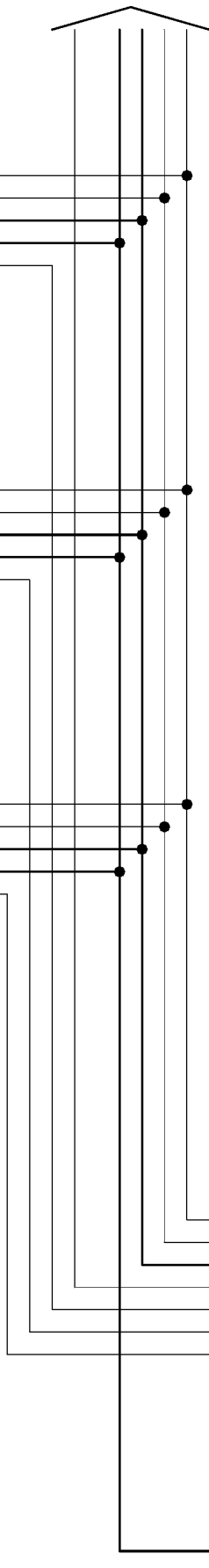
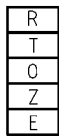
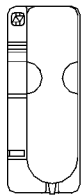
SYMBOL  
COD. 2315



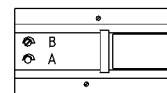
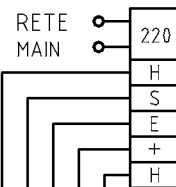
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COD. 2315



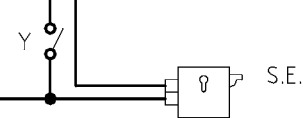
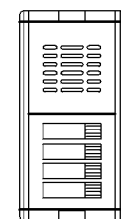
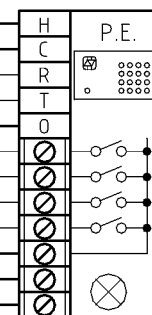
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COD. 2315

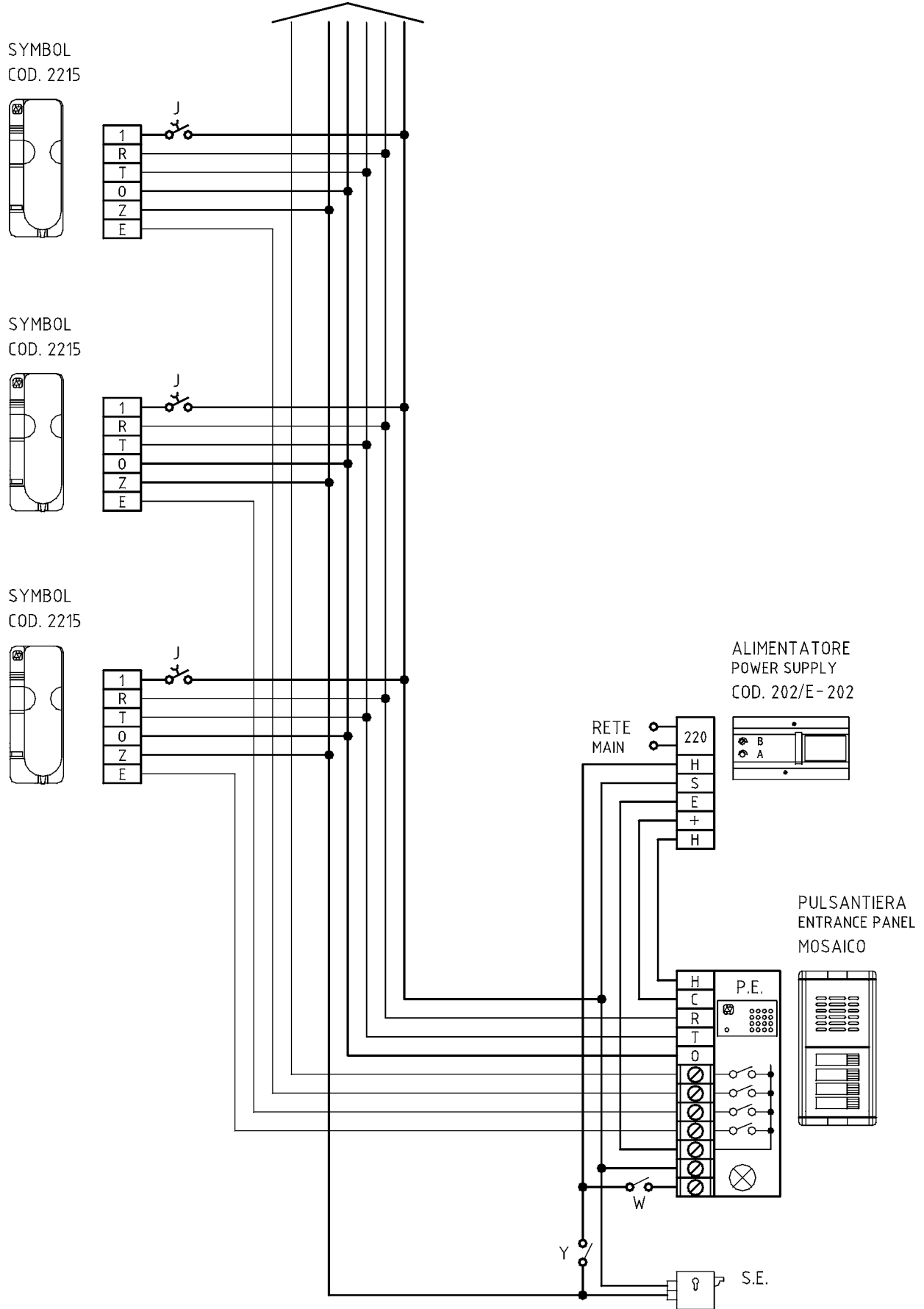


ALIMENTATORE  
POWER SUPPLY  
COD. 202/E - 202



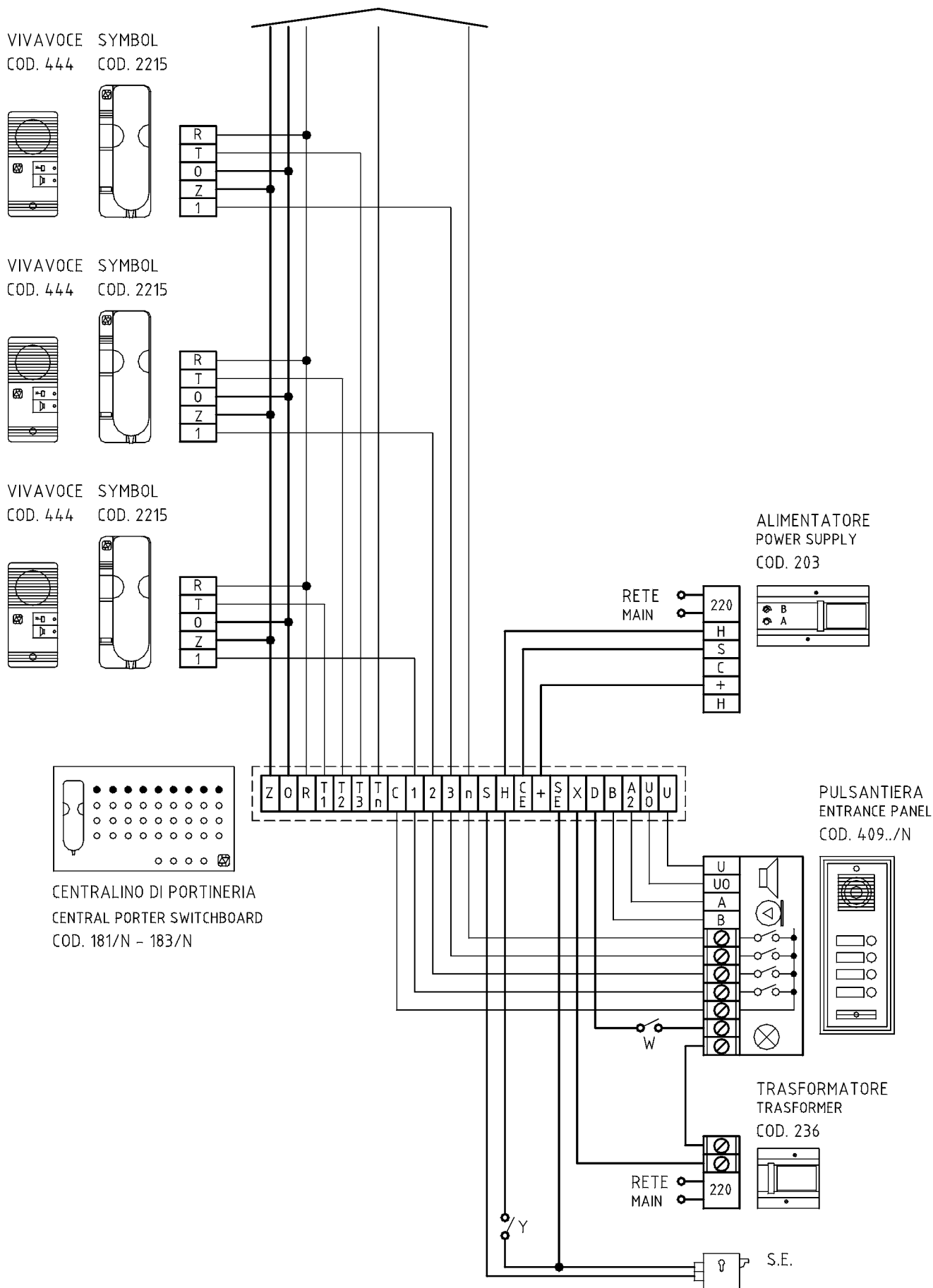
PULSANTIERA  
ENTRANCE PANEL  
MOSAICO





**Impianto plurifamiliare con chiamata di piano**  
 Apartment entrance door call for multiway system

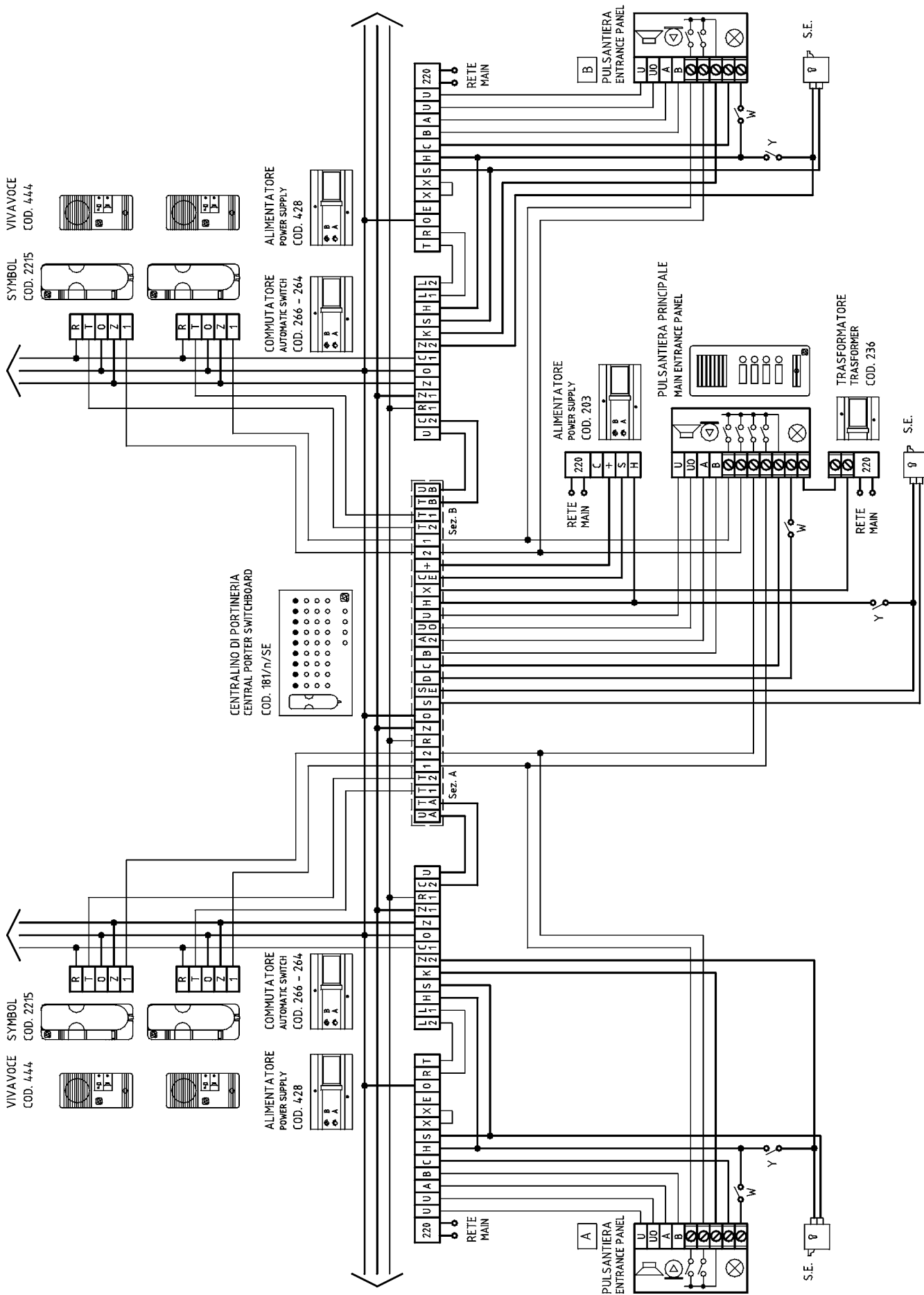
sch. 2310#



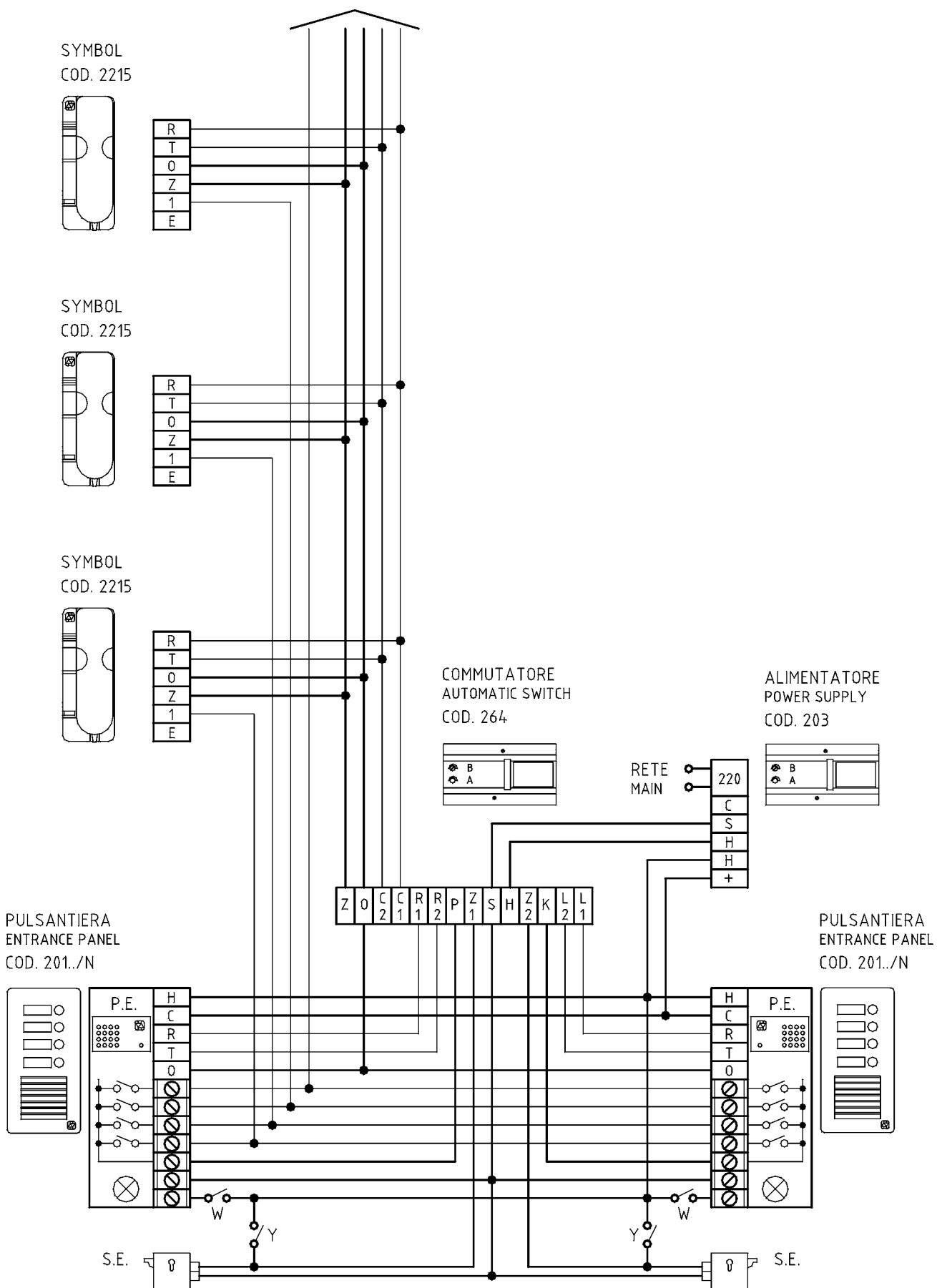
SCHEMI WIRING DIAGRAMS

**Impianto con centralino di portineria**  
 Audio door entry system with central porter switchboard

sch. 2350#

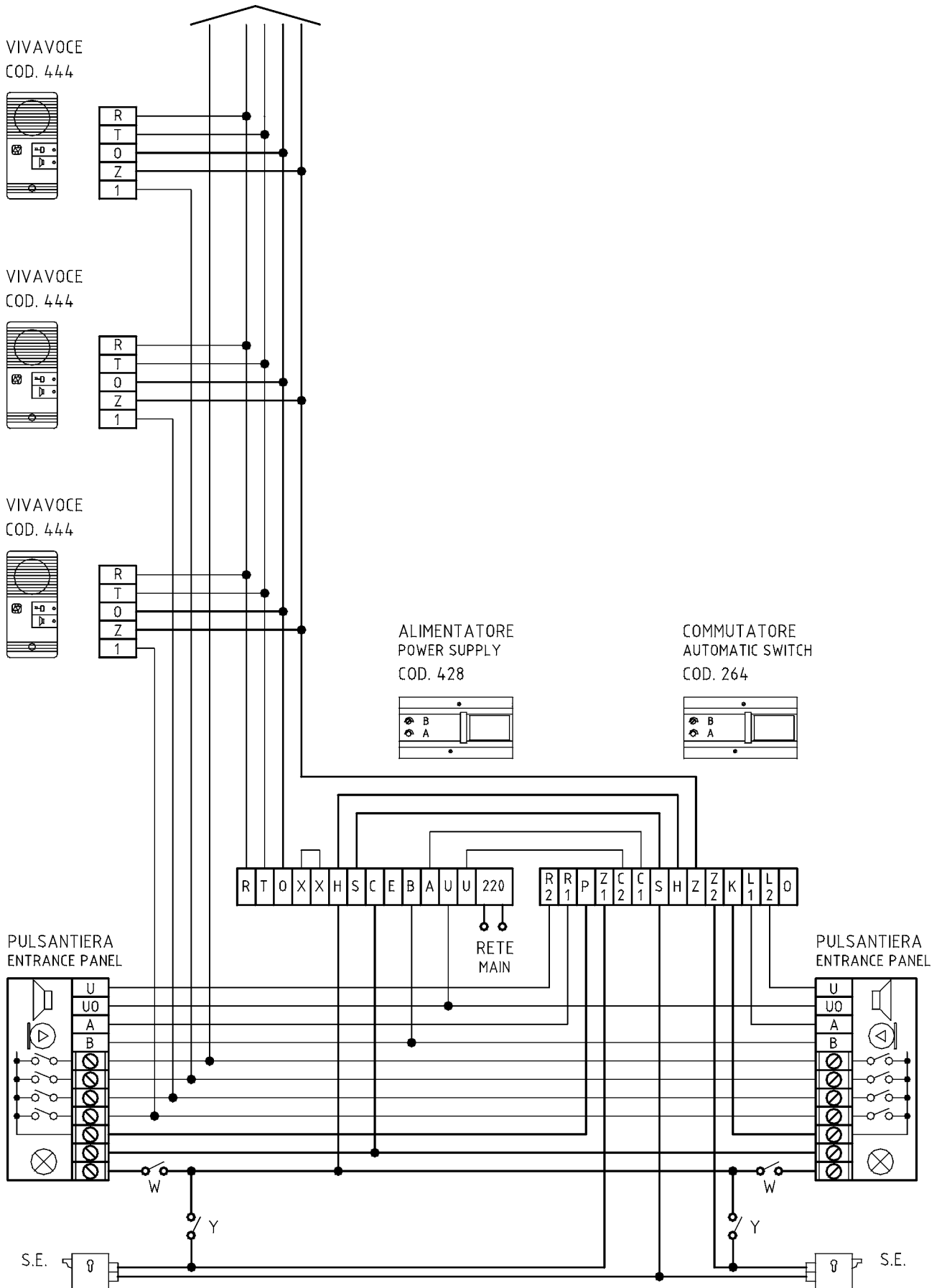


**Impianto con centralino di portineria a sezioni**  
 Main entrance panel, central porter switchboard and more stair/lift entrance panels sch. 2351#



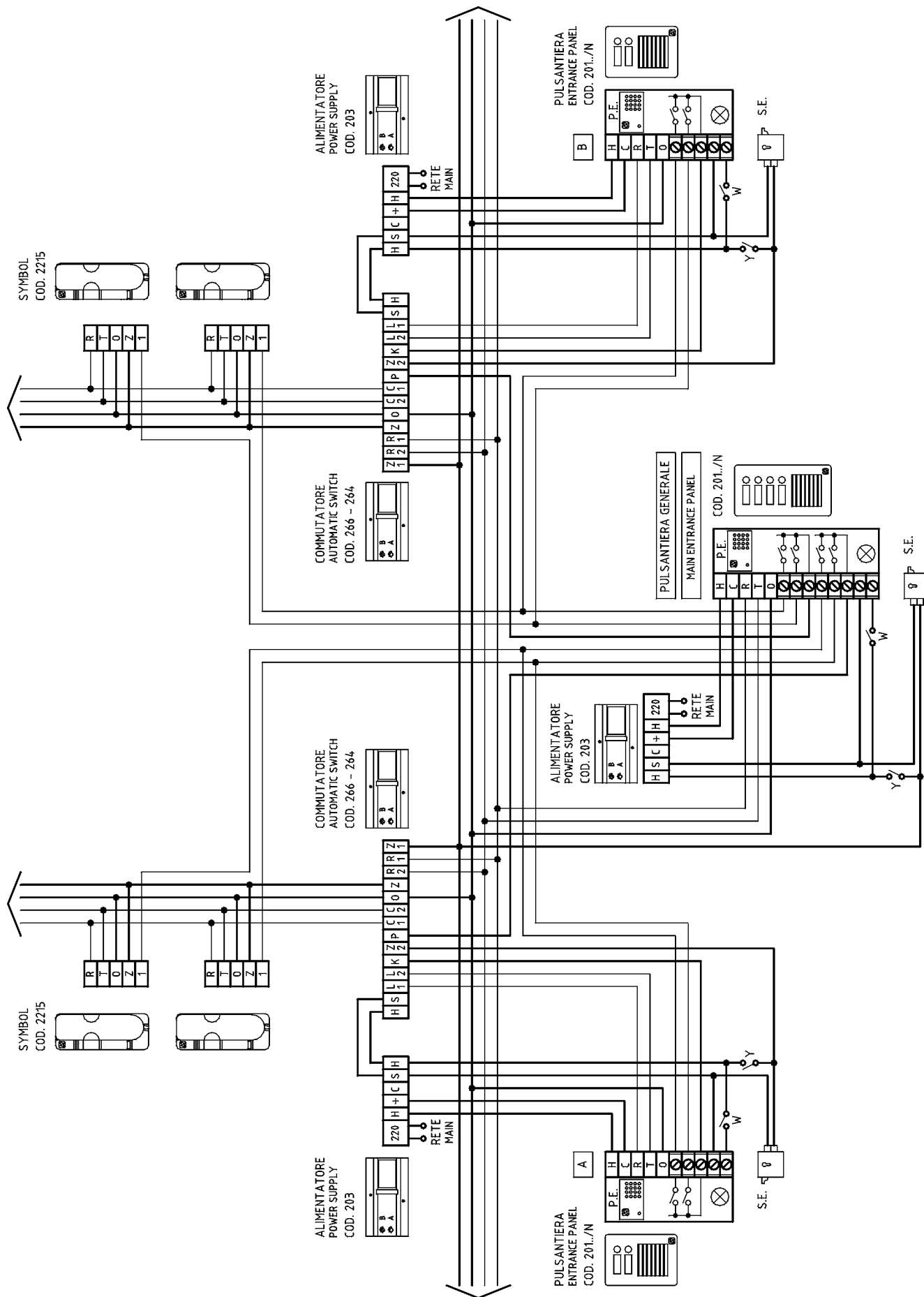
**Impianto commutato: due pulsantiere principali**  
 Multiway system with two main entrance panels

sch. 2410#



**Impianto bicanale commutato: due pulsantiere principali**  
 "Duplex speech" multiway system with two main entrance panels

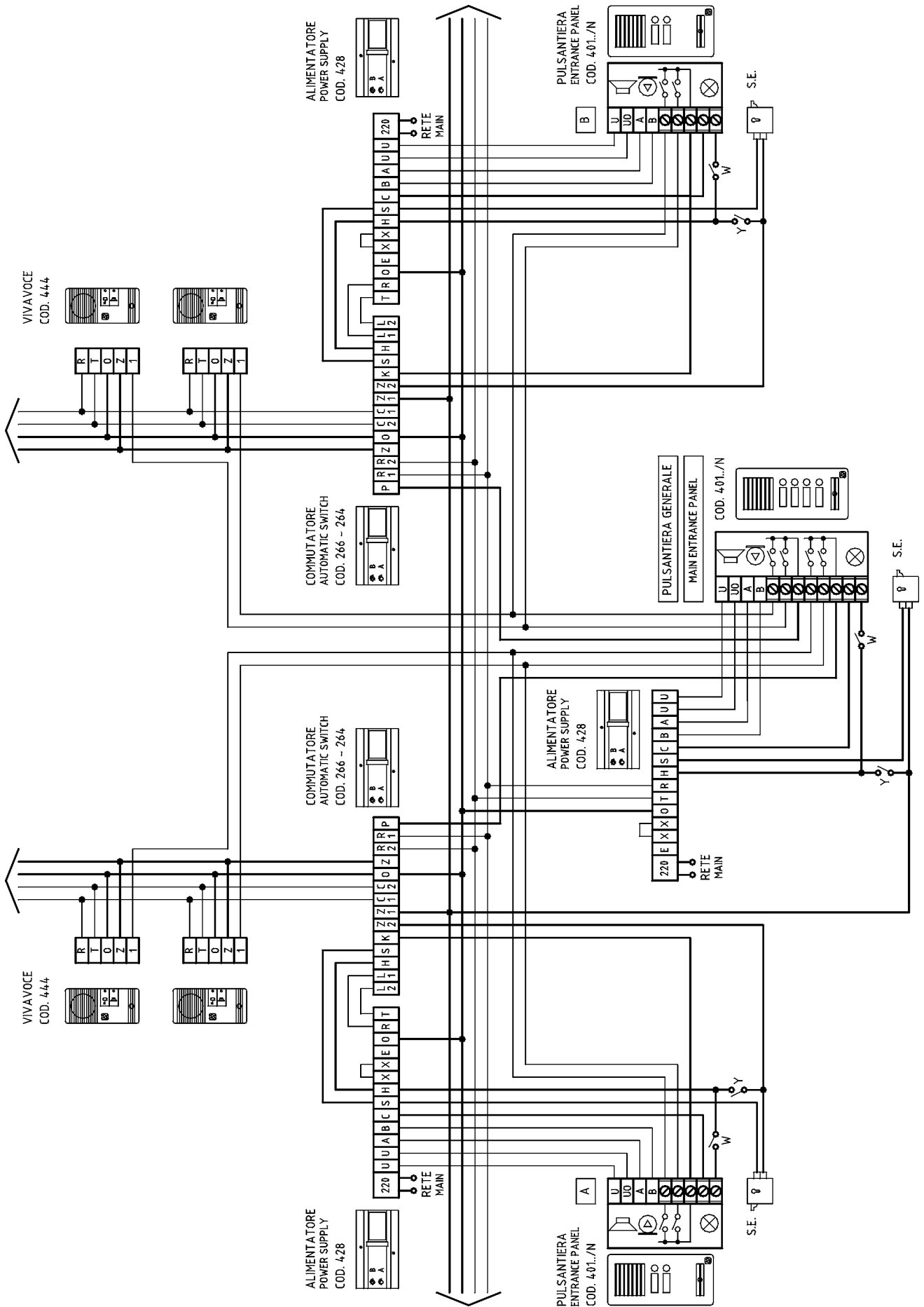
sch. 2411#



SCHEMI WIRING DIAGRAMS

**Impianto commutato con pulsantiera generale e pulsantiere di scala**  
 Automatic switching for 1 main entrance panel and more stair/lift entrance panels

sch. 2451#



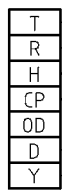
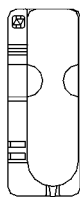
**Impianto bicanale commutato: pulsantiera generale e pulsantiere di scala**

"Duplex speech" 1 main entrance panel and more stair/lift entrance panels

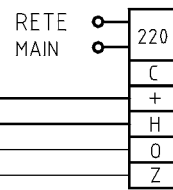
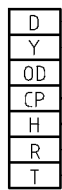
sch. 2452#



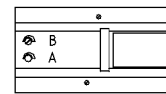
SYMBOL  
 COD. 2225/2



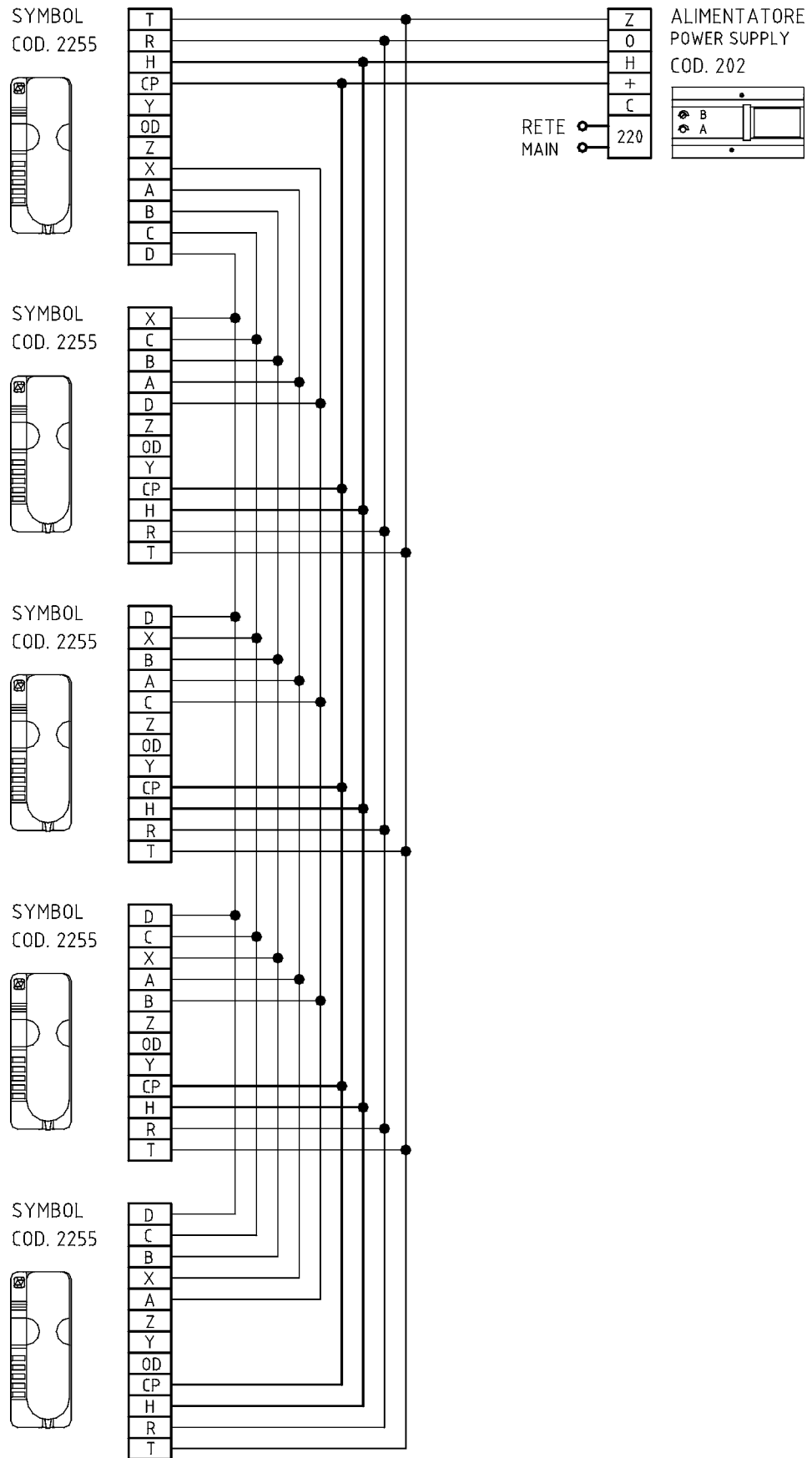
SYMBOL  
 COD. 2225/2



ALIMENTATORE  
 POWER SUPPLY  
 COD. 202



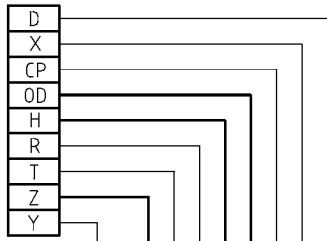
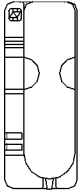
SCHEMI WIRING DIAGRAMS





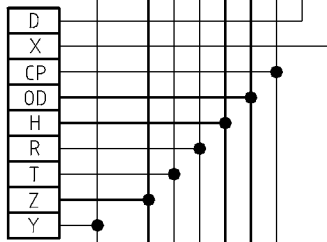
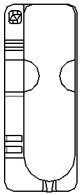
SYMBOL

COD. 2225/2

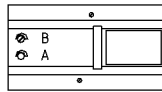


SYMBOL

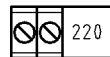
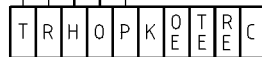
COD. 2225/2



COMMUTATORE  
AUTOMATIC SWITCH  
COD. 258

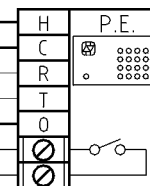
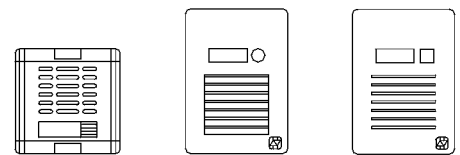


TRASFORMATORE  
TRANSFORMER  
COD. 236



RETE  
MAIN

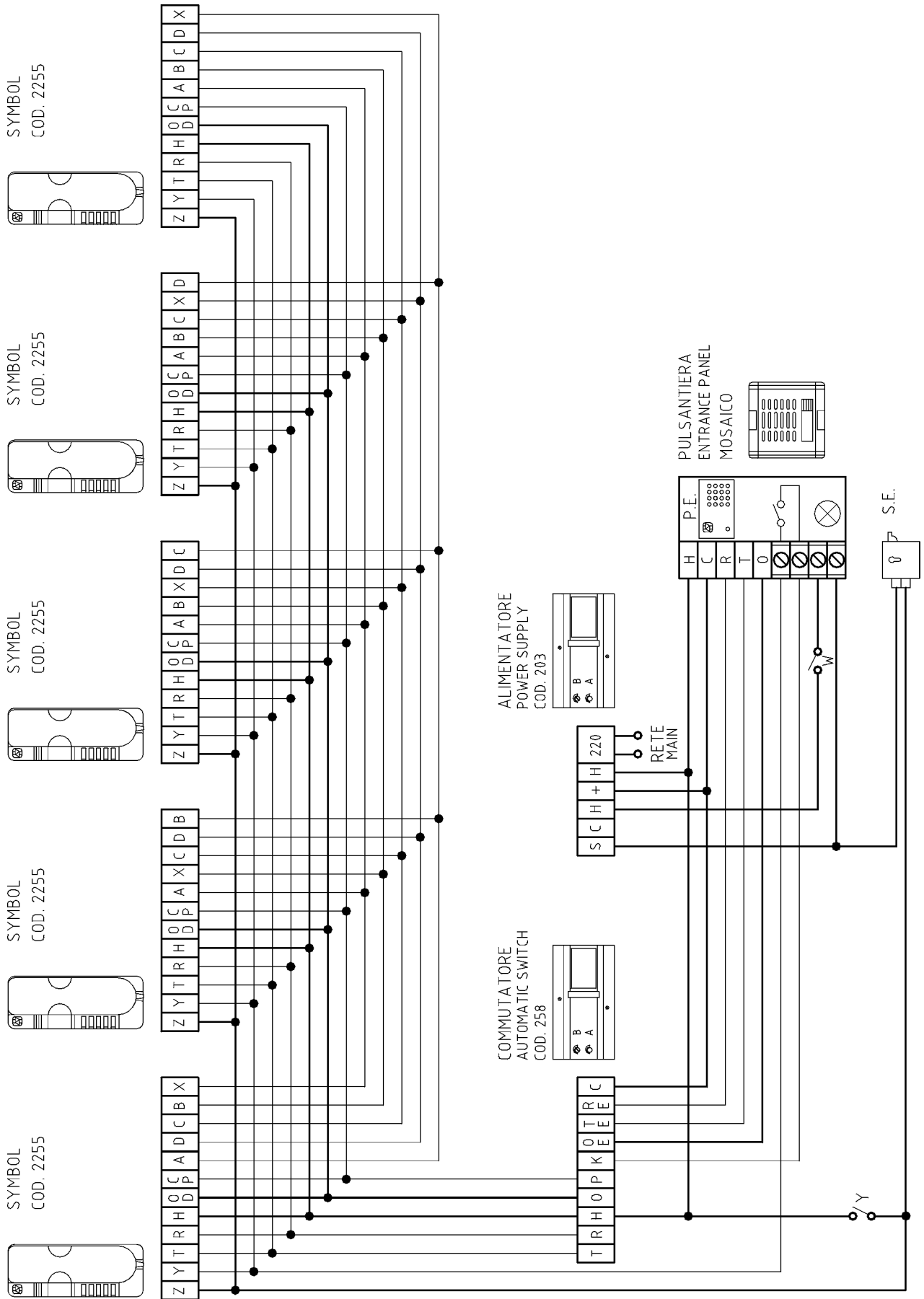
PULSANTIERA  
ENTRANCE PANEL  
COD. 2270/P1    COD. 2280/P1    COD. 2290/P1



S.E.

**Kit unifamiliare intercomunicante con posto esterno**  
Single residence intercom kit with external entrance panel

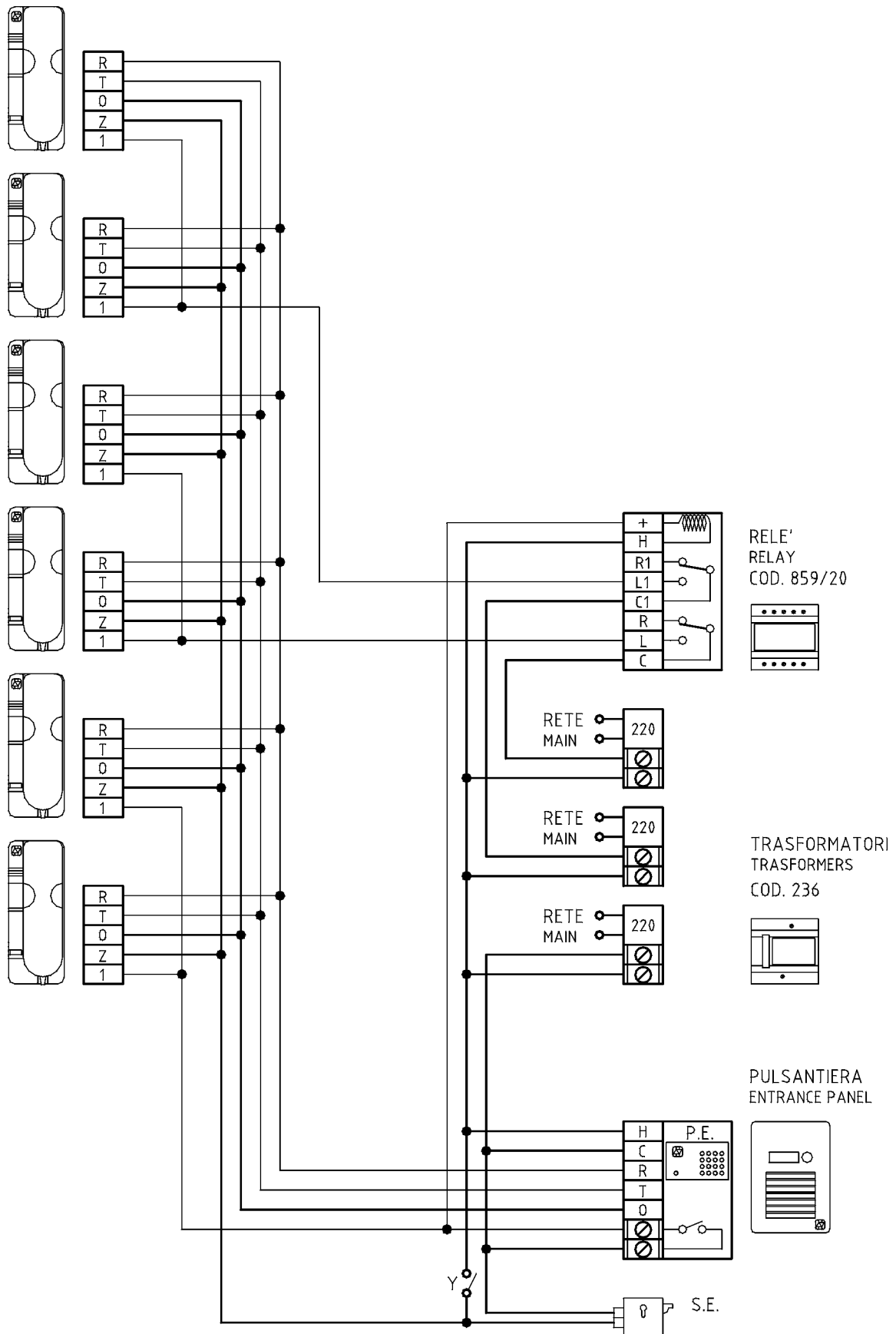
cod. sch. 2701#  
code 2375/1 2385/1 2395/1



**Impianto unifamiliare intercomunicante con posto esterno**  
 Single residence intercom system with external entrance panel

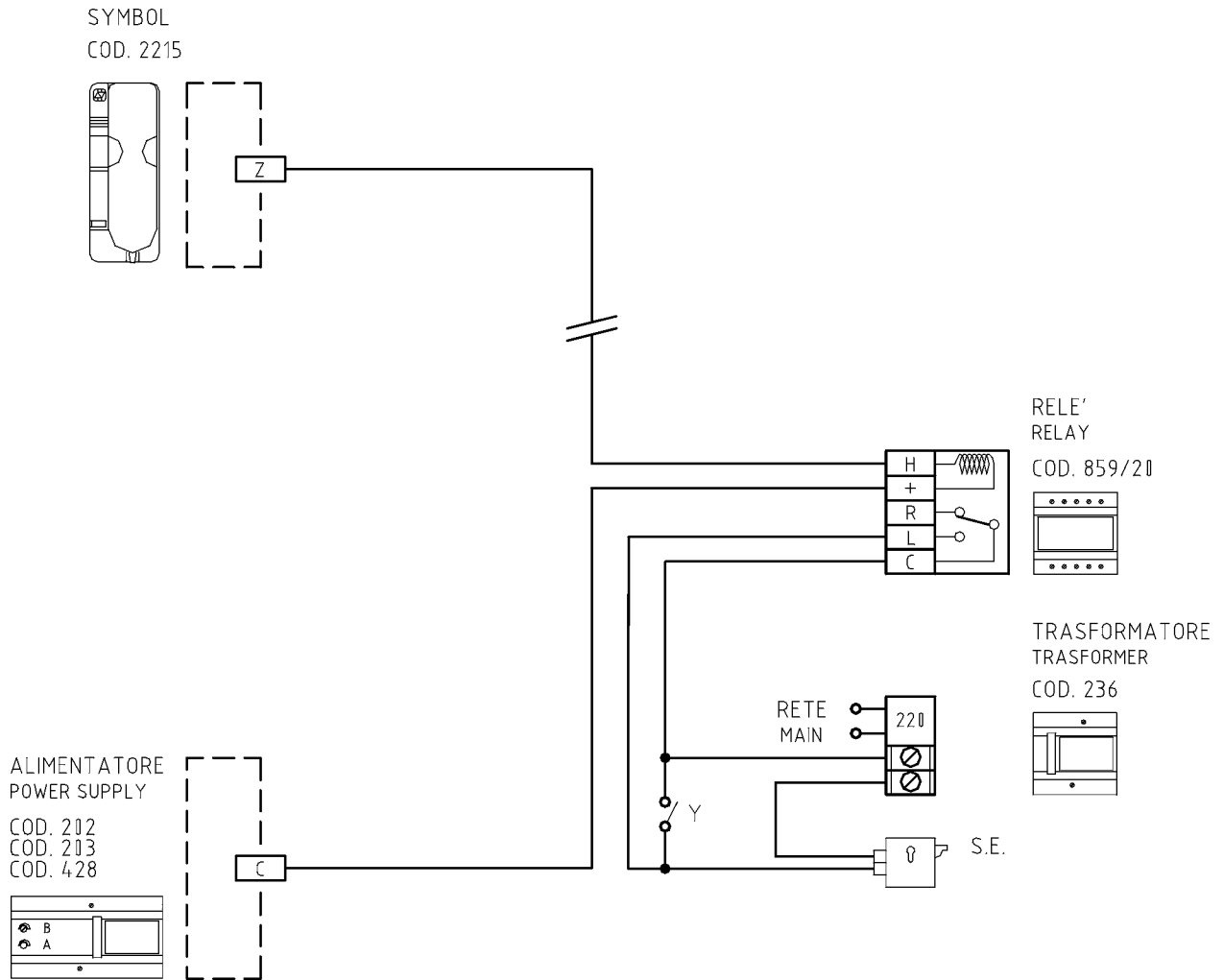
sch. 2702#

SYMBOL  
 COD. 2215

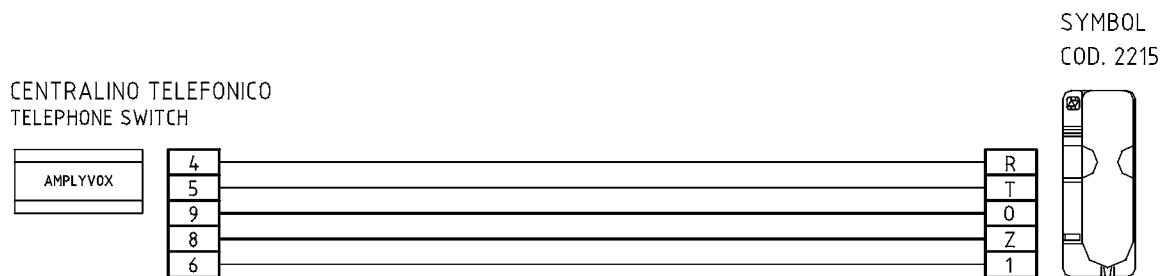


SCHEMI WIRING DIAGRAMS

**Collegamento di piu' citofoni in parallelo**  
 Connection of more telephones in parallel



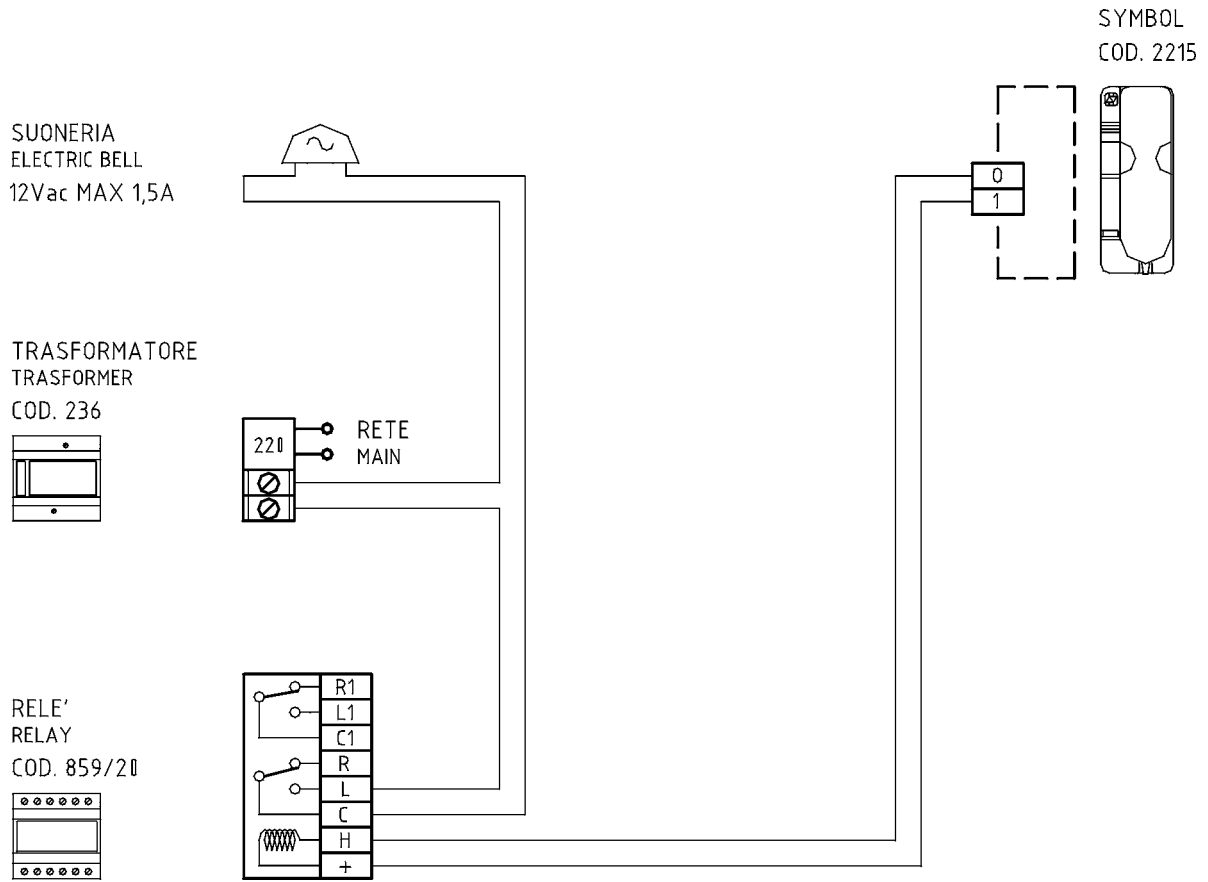
**Collegamento relè interfaccia serratura**  
 Electric lock control relay



**NOTE :**

ALL'INTERNO DEL CENTRALINO BISOGNA INSERIRE LA SCHEDE INTERFACCIA COD. 245/1  
 MAKE SURE THAT THE INTERFACE PCB CODE 245/1 IS INSTALLED WITH IN THE TELEPHONE SWITCH

**Collegamento centralino telefonico**  
 Connection for "Teledoor"



**Collegamento di una suoneria supplementare**  
 Additional electric bell

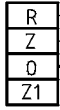
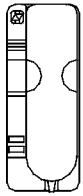


**Collegamento di una suoneria**  
 Additional piezoelectric buzzer

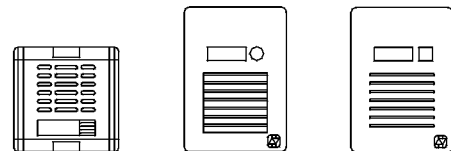
cod. code 853



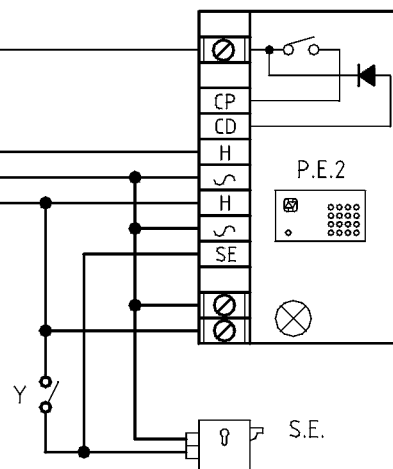
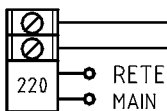
SYMBOL  
COD. 2725



PULSANTIERA  
ENTRANCE PANEL  
COD. 2470/P1 COD. 2480/P1 COD. 2490/P1



TRASFORMATORE  
TRANSFORMER  
COD. 236



**Kit unifamiliare**  
Single residence kit

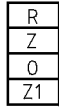
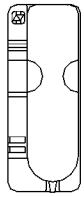
cod. 2475/1 2485/1 2495/1  
code

sch. 2211#

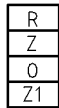
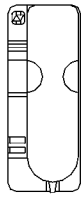


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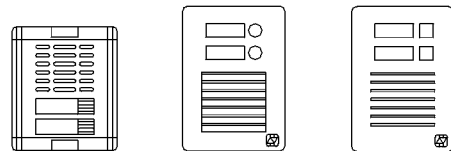
SYMBOL  
COD. 2725



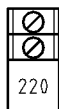
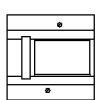
SYMBOL  
COD. 2725



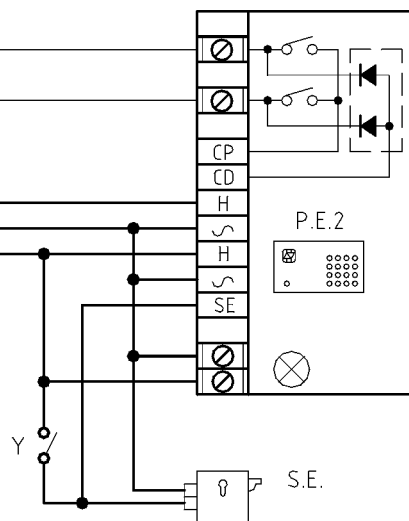
PULSANTIERA  
ENTRANCE PANEL  
COD. 2470/P2 COD. 2480/P2 COD. 2490/P2

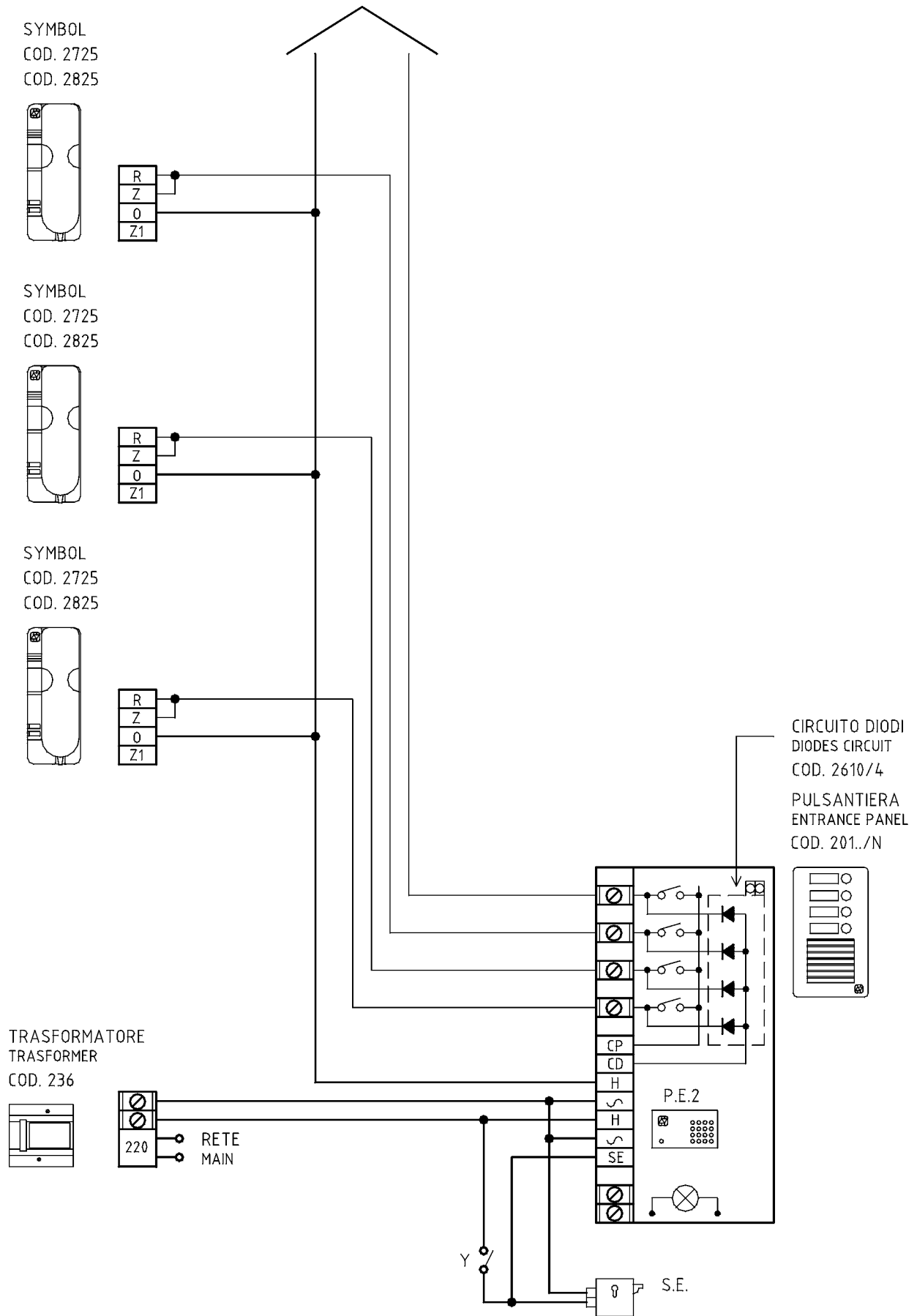


TRASFORMATORE  
TRANSFORMER  
COD. 236



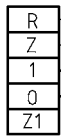
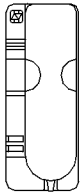
RETE  
MAIN



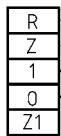
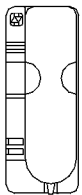




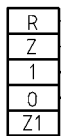
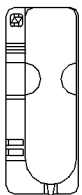
SYMBOL  
COD. 2725/R  
COD. 2825/R



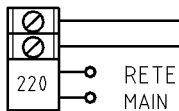
SYMBOL  
COD. 2725/R  
COD. 2825/R



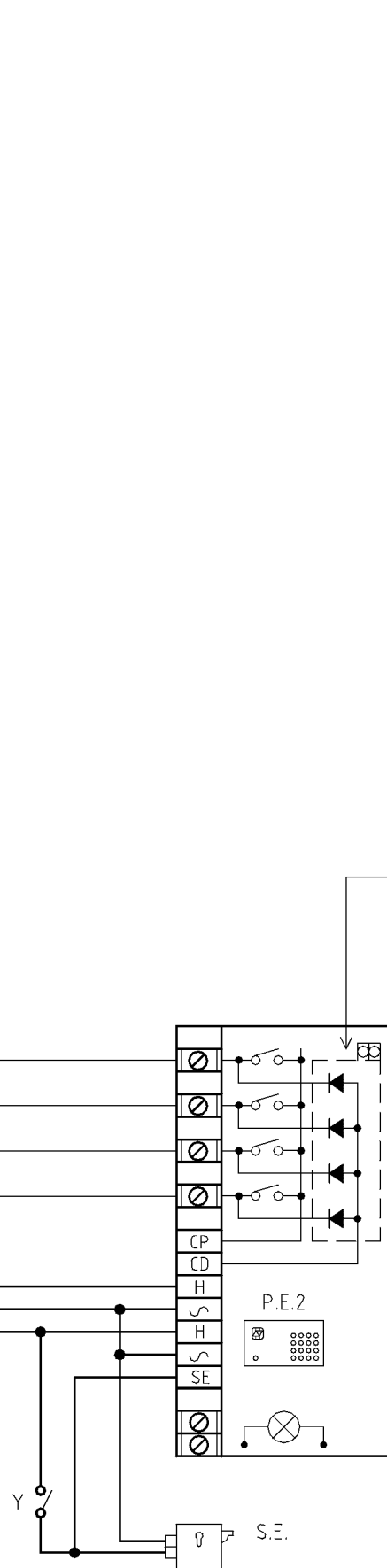
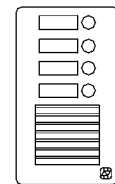
SYMBOL  
COD. 2725/R  
COD. 2825/R

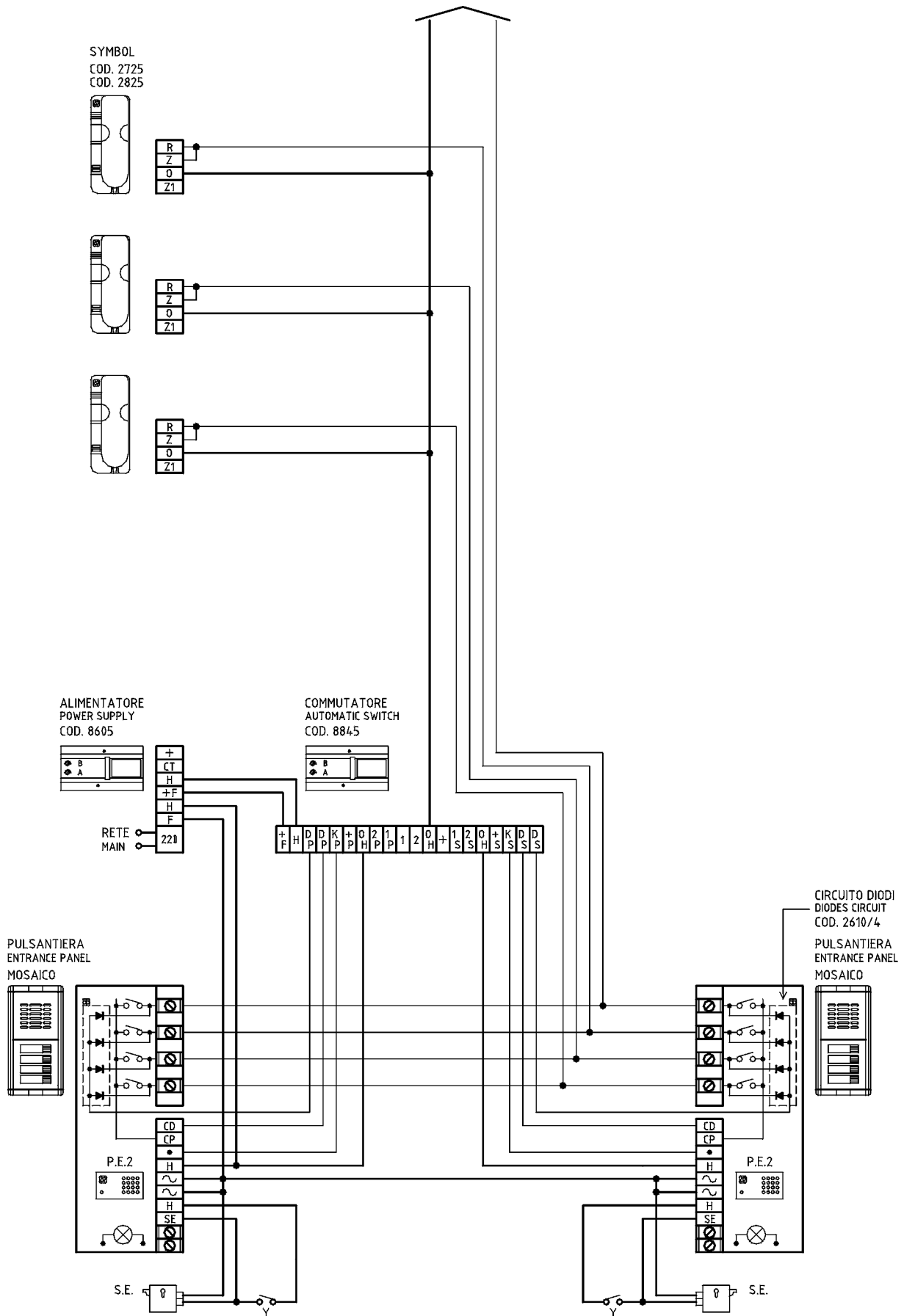


TRASFORMATORE  
TRASFORMER  
COD. 236



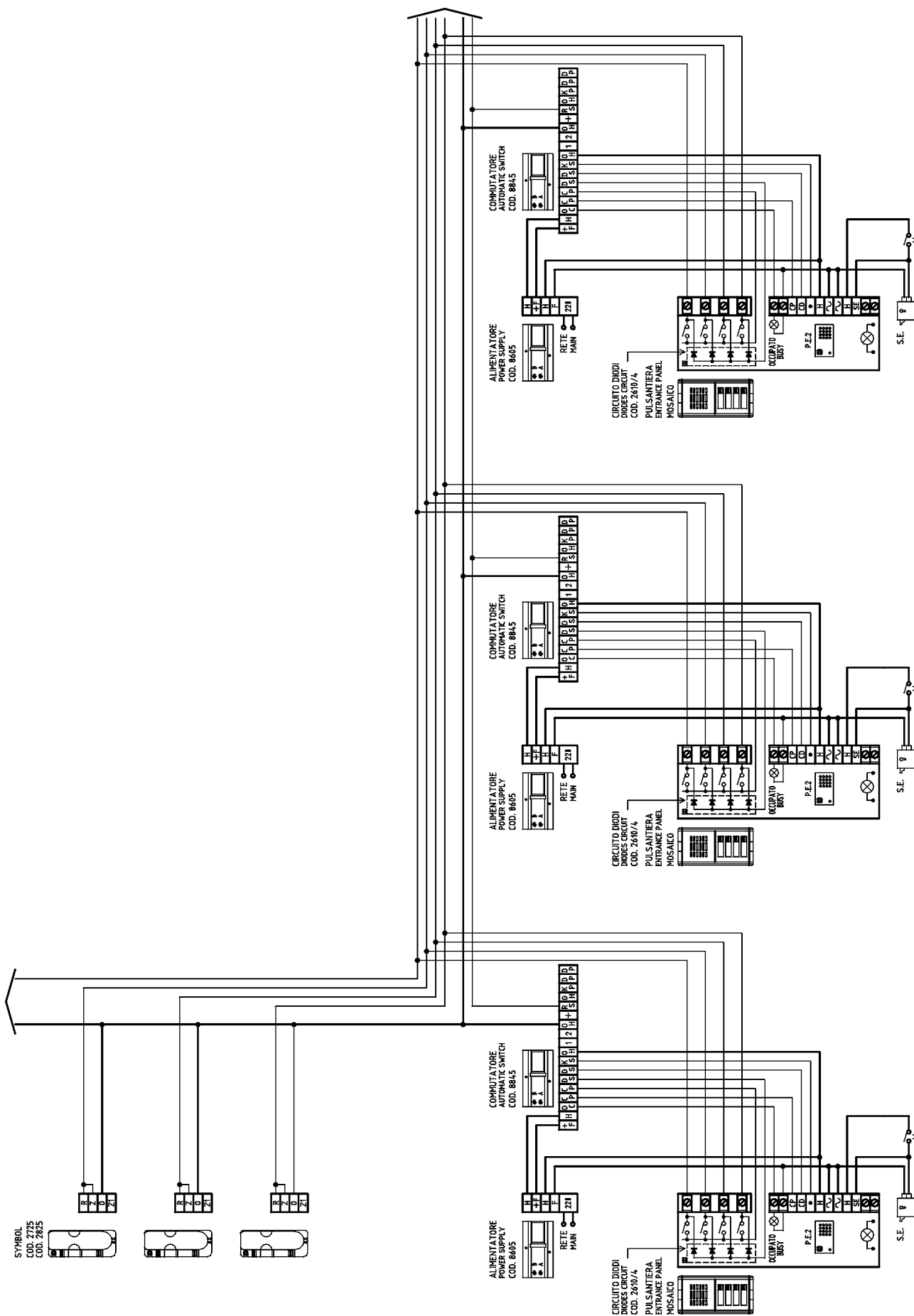
CIRCUITO DIODI  
DIODES CIRCUIT  
COD. 2610/4  
PULSANTIERA  
ENTRANCE PANEL  
COD. 201../N





**Impianto commutato: 2 pulsantiere principali**  
 Automatic switching for 2 main entrance panels

sch. 2240#

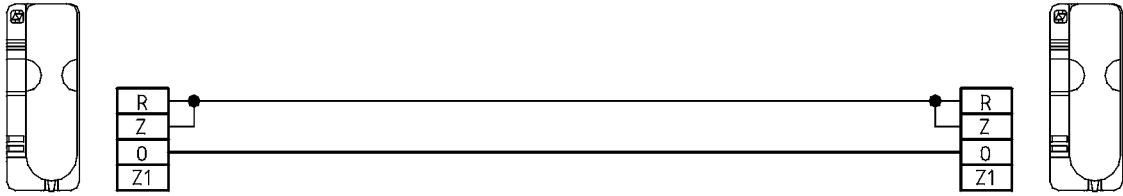


SCHEMI WIRING DIAGRAMS

**Impianto commutato: 3 o piu' pulsantiere principali**  
 Automatic switching for 3 or more main entrance panels

sch. 2241#

SYMBOL  
COD. 2725  
COD. 2825



SYMBOL  
COD. 2725  
COD. 2825

**IMPORTANTE :**

COD. 2725 : CITOFONO 2 FILI SENZA SEGRETO DI CONVERSAZIONE

COD. 2825 : CITOFONO 2 FILI CON SEGRETO DI CONVERSAZIONE

**IMPORTANT :**

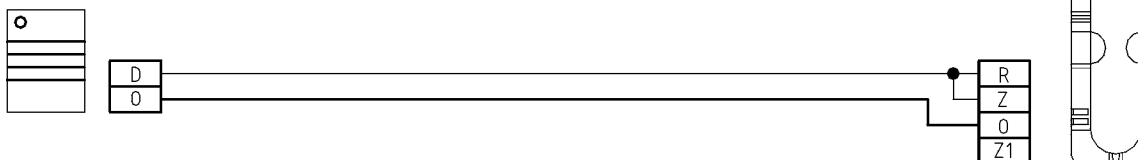
CODE 2725 : TELEPHONE 2 WIRES WITHOUT PRIVACY

CODE 2825 : TELEPHONE 2 WIRES WITH PRIVACY

**Collegamento di un citofono in parallelo**

Telephone in parallel

SUONERIA  
BUZZER  
COD. 853/1

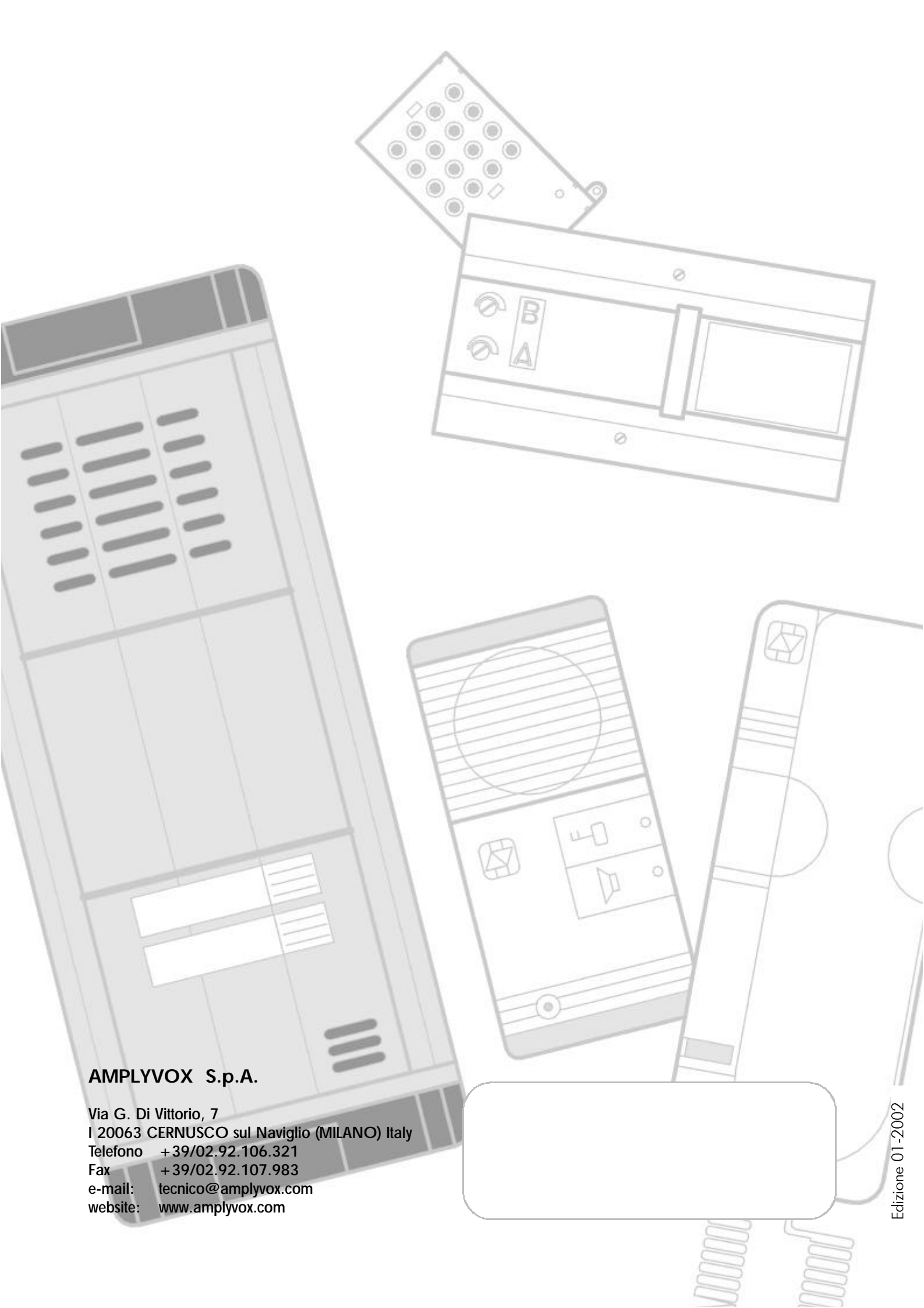


SYMBOL  
COD. 2725  
COD. 2825

**Collegamento di una suoneria**  
Additional piezoelectric buzzer

cod.  
code 853/1





**AMPLYVOX S.p.A.**

Via G. Di Vittorio, 7  
I 20063 CERNUSCO sul Naviglio (MILANO) Italy  
Telefono +39/02.92.106.321  
Fax +39/02.92.107.983  
e-mail: [tecnico@amplyvox.com](mailto:tecnico@amplyvox.com)  
website: [www.amplyvox.com](http://www.amplyvox.com)