![BTicino logo]

Sfera audio codelock entry kit   1

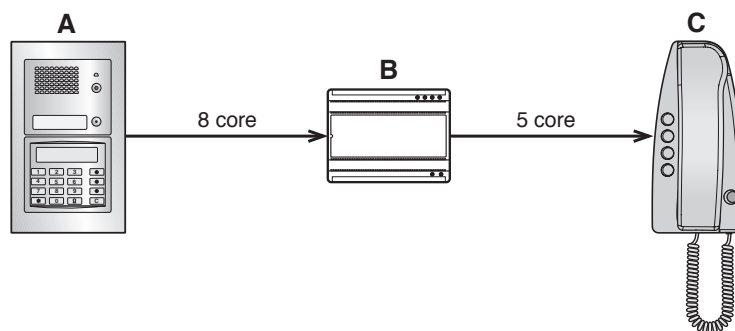### Fitting entrance panels and name plates   Fitting handsets

cm
160 - 165

ABCD

clack
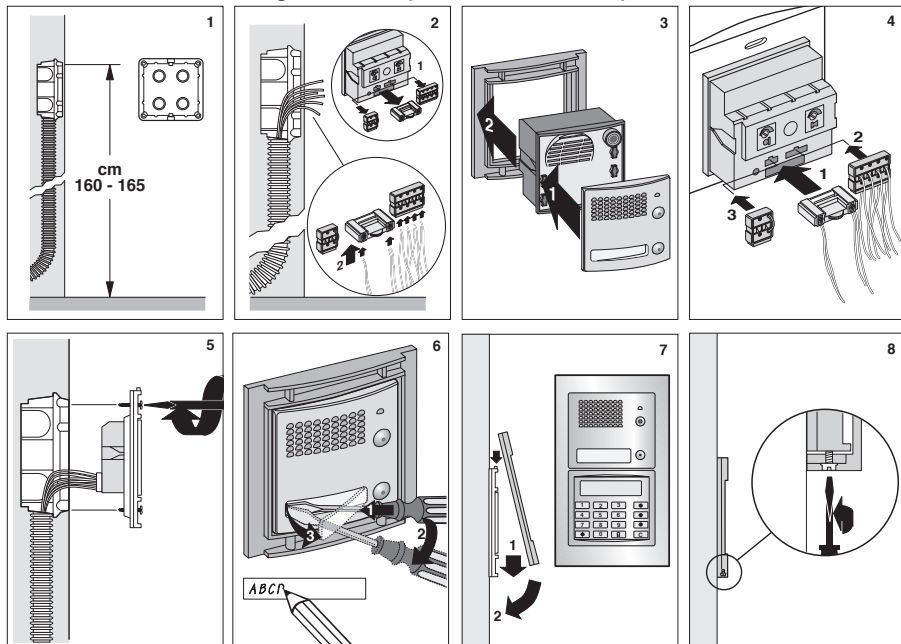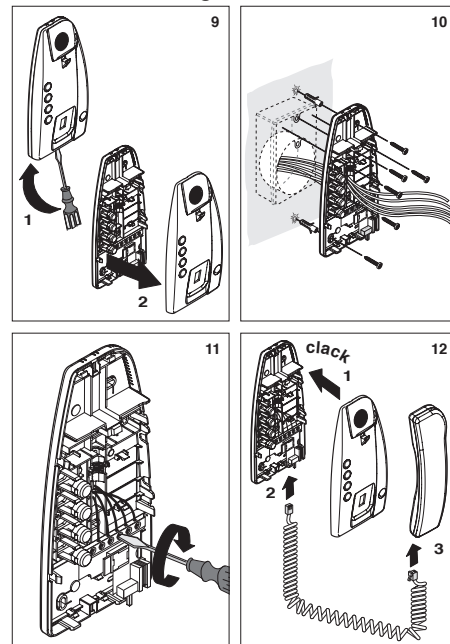
General installation requirements   2

A   C

B

8 core   5 core

|	Connections	Distance			
		25m	50 m	100m	150m
B-C	1	0-28 mm^2			
A-C	3-4-5	0-28 mm^2			
A-B	1 - 12	0-28 mm^2			
B-A	22-24	0-28 mm^2	0-5 mm^2	1 mm^2	1-5 mm^2

Check that the cross-section of cables used in the wiring diagram are not less than those indicated in the table below

Testing the installation

- Check that the entrance panel name plates are illuminated
- Press the pushbutton on the entrance panel and the selected handset will signal the call
- Press lock release pushbutton on handset and check operation of release mechanism, if fitted

Testing the speech circuit

- The entrance panel contains two potentiometers for adjusting the power of the microphone (⌐) and loudspeaker (☊)
- In case of a whistle (feedback), first reduce the power of the microphone until an acceptable level is reached
Should whistle persist adjust the loudspeaker volume
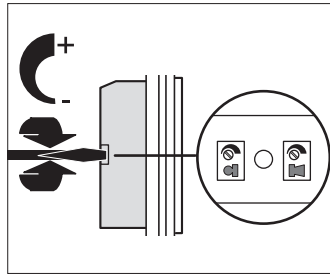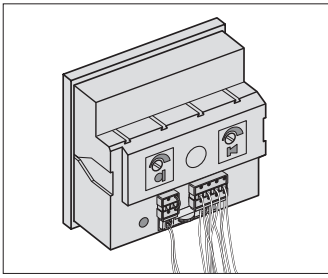
Fault finding

No speech or call signal:
Check for 12 V DC on terminal 12 +ve and terminal 1 -ve in the entrance panel

No call signal:
Ensure a link is inserted between 9 and 10 in the entrance panel

Nothing Is working:
A short circuit in the wiring causing a thermal fuse to operate in the power supply. Disconnect from mains and remove short circuit. Reconnect after aproximately 5 mins

Connection diagram

For programming information of the keypad see enclosed instruction booklet

NB. Ensure links are inserted between
9 to 10 on voice module
22 on voice module to 1 on keypad
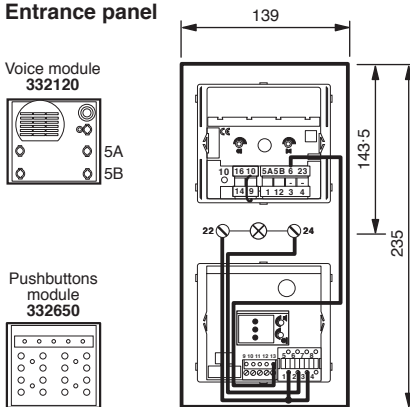24 on voice module to 2 on keypad
in entrance panel

Voice module
332120
5A
SP 5B

Pushbuttons module
332650

Outdoor station
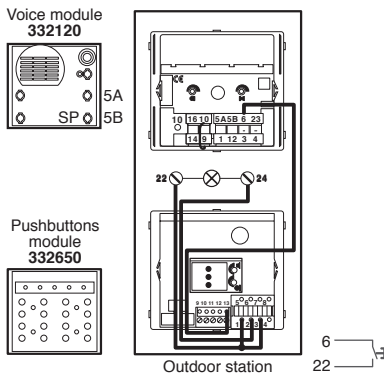
NB. For press to exit a door lock pushbutton must be connected to codelock module terminals 3 and 4

Power supply and connector block
1
24
22
12

Lock release 12V ac
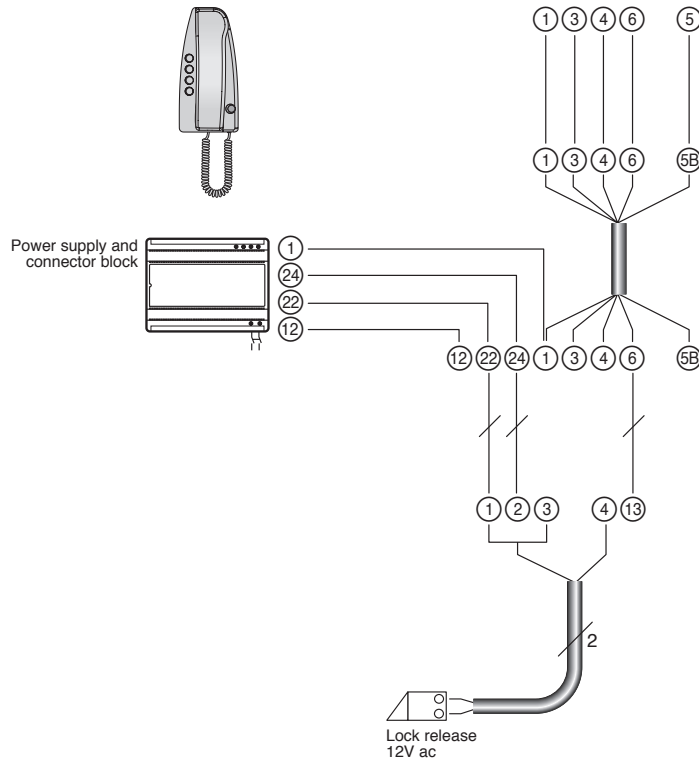
Technical Specifications

Entrance panel

Voice module
332120
5A
5B

Pushbuttons module
332650

139
143·5
235

Connection terminals:
1 OVDC
3 microphone output
4 speaker input
5 call wire
9 call tone generator output
10 common feed for pushbuttons
12 12 V DC speech circuit and call signal
22 0 V AC for lock and lamp
24 12 V AC for lock and lamp
Spare lamp Cat. No. 820811

For technical information on codelock module 332650 please refer to instruction booklet

Power supply unit Cat. No. 336000

107
61
90

- DIN enclosure 6 modules
- Input 230 V ~ ± 10 % 50-60 Hz 25VA

Connection terminals:
1 0 V DC
12 12 V DC speech and call signal
22 0 V AC lamp
24 12 VAC lock and lamp

Hanset Cat. No. 334202

101
56
216

1 - Door lock release pushbutton
2 - Call signal volume control
3 - Housings for extra pushbuttons
It may be wall mounted with the screws supplied
Flex cord with 2 RJ connectors
Adjustable electronic call
Amplified electret microphone
Loudspeaker with mylar diaphragm

Connection terminals:
1 0 VD C
3 speaker input
4 microphone output
5 call input
6 0 V lock output
1A not used