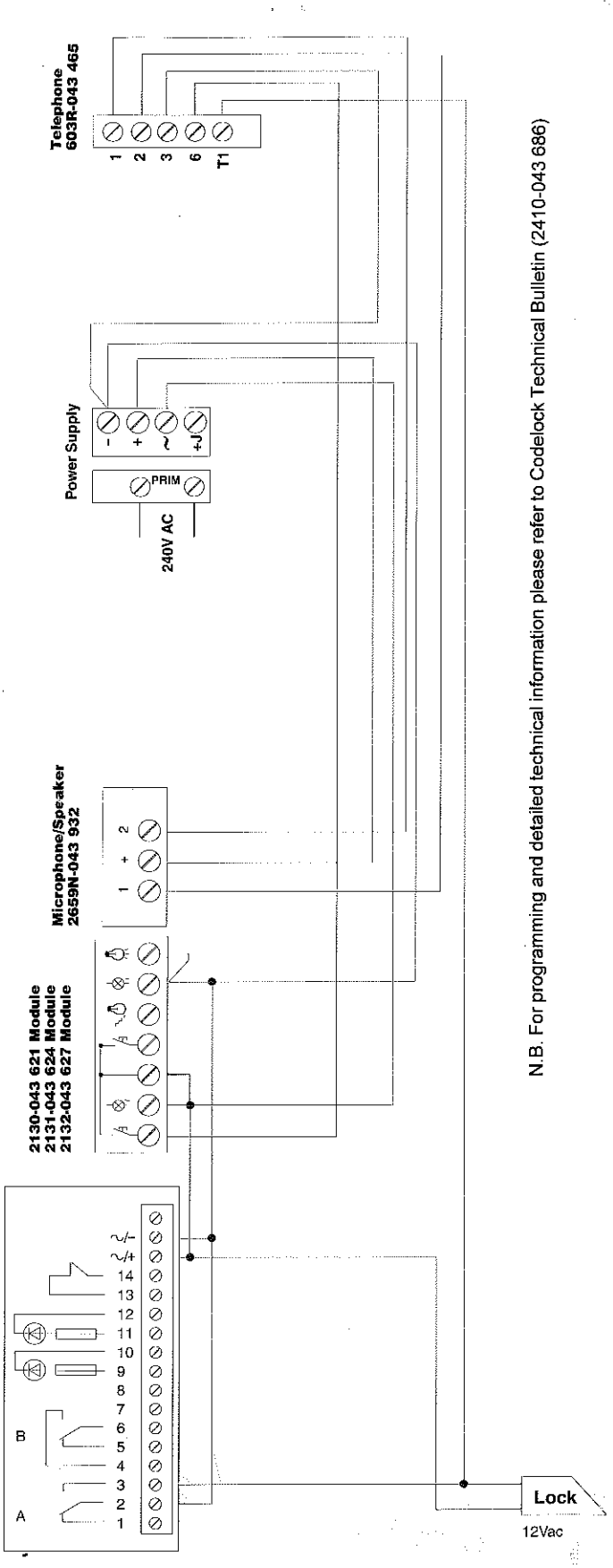
Combined audio/code lock kit CODEK 2.240-043 411



A 1-2-3 max. 5A 24Vac . 5A 250Vac

B 4-5-6 max 1A 24Vac . 0,2A 125Vac

General instructions and Tables

- Check that during cabling operations the power supply unit is not connected to the mains supply.

- Check that the cross-section of the cables is not less than the data indicated in the specification table below right hand panel. The table shows cross-sections for connecting cables between power supply unit and the furthest telephone or between power supply unit and entrance call unit.

Distance (m)	Speech Signal	Power supply (wires in red on the diagrams)
up to 50	0.3	0.8
up to 100	0.5	1.5
100-200	0.8	2.5

Cross-sectional area (mm^2)

Testing the Installation

The operation described below must be carried out after all connections have been made in accordance with the installation procedures already described.

Preliminary Operations

Check that the connections of the equipment have been made in accordance with the corresponding diagram and that the power supply unit is properly connected to the mains supply. Check with a tester that there is 8V DC between the + and - terminals of the power supply unit.
In addition to the test already described check the speech connection with the entrance call unit and the operation of of the electromagnetic lock.

Testing the speech circuit

The "Porter" art. 2659N-043 932 has two potentiometers for varying the power of microphone and loudspeaker both are preset on an average volume.

Volume adjustment

In case of a whistle (Larsen effect), first reduce the microphone power, adjusting the corresponding potentiometer with a screwdriver, until an acceptable level is reached.
Should the whistle persist, adjust the loudspeaker volume in order to eliminate the problem.
If the volume is too low then, increase first the potentiometer of the loudspeaker and secondly the one for the microphone, bearing in mind that a clear and noise-free reception is preferable than one just before whistling (Larsen).
In case of any defect in the operation of a TERKIT installation always carry out first the following preliminary checks:

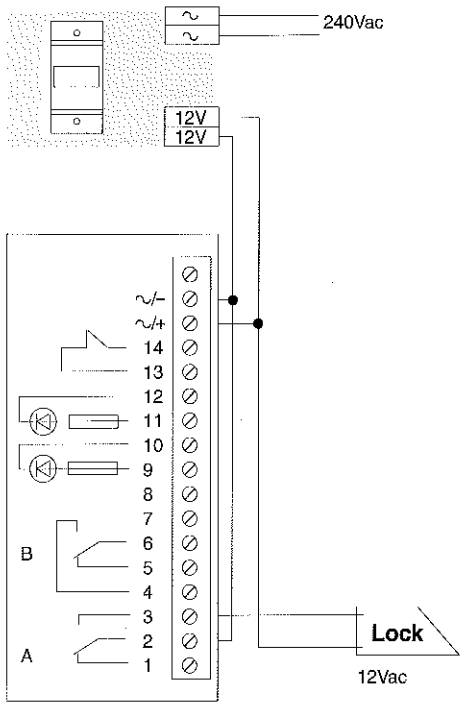
- Check that the power supply unit is connected to the mains.
- Check the output voltage of the 672.240-043 454 power supply. The power supply unit contains protection circuits which, in the event of a short circuit, shut down the power supply. To reset the output voltages it is sufficient to cut the mains supply for about 1 minute and, after removing the short circuit, to reconnect Part No. 672.240-043 454 again.

Locks

Electromagnetic Locks:
Use relay 40.92-043 918 and the appropriate power supply for locks which operate at a voltage other than that available from power unit 672.240-043 454.

Stand alone code lock kit CODEK 1.240-043 410

- Check that cross section of the cables is not less than the data indicated in the specification table. The table below shows the cross section for connection cables between transformer and the lock release.



Distance (m)	Power supply (wires in red on the diagrams)
up to 50	0.8
up to 100	1.5
100-200	2.5

Cross-sectional area (mm²)

N.B.: For programming and detailed technical information please refer to Codelock Technical Bulletin (2410-043 686).

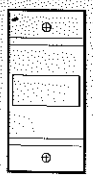
A 1-2-3- max 5A 24Vac - 5A 250Vac
B 4-5-6 max 1A 24Vdc - 0.2A 125Vdc

Technical Specifications

Part No. 2410-043 686

-/-	0 Vac or 0Vdc Supply connections	6	Relay B output common
-/+	12 Vac or 12 Vdc Supply connections	5	Relay B NC output
14	Anti-tamper contact	4	Relay B NO output
13	Anti-tamper contact	3	Relay A NO output
12	0V dc green LED	2	Relay A output common
11	12V dc green LED	1	Relay A NC output
10	0 Vdc red LED		
9	12V dc red LED		
8/7	External timer contact input for tradesman operation		

Part No. TU1218-043 342



Characteristics

- 18VA Double insulated
- DIN Housing 3 modules
- Primary 240V 50Hz
- Secondary 12V

Technical Specifications

Pushbuttons output

Module light power supply and LED for pushbutton with symbol

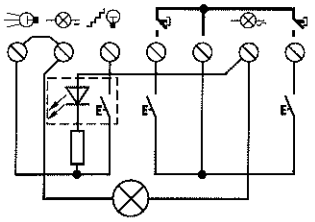
Pushbutton common

Stairway light relay control and temporary lighting of pushbutton panel

Module light power supply

Power supply for pushbutton LED with symbol

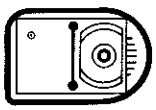
Connecting terminals:



2131-043 624

Part. No. 2659N-043 932 - Microphone/Speaker Unit

To be used in all pushbutton panels

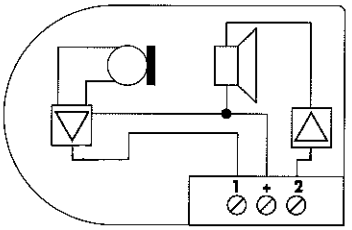


Connecting Terminals:

1 microphone output

+ 8V DC power supply

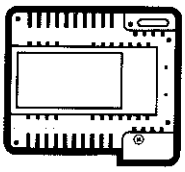
2 Loudspeaker input

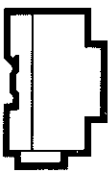


Characteristics
- Electret microphone and loudspeaker amplifier
- weight 0.130 kg

Part. No. 672.240-043 454 - Power supply unit

Complete with transformer, electronic circuits, protection circuit and terminal board.
Colour: grey



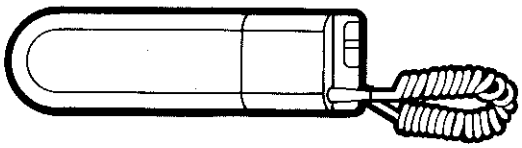


Characteristics:

- 30VA transformer self-protected against short circuits and overloads both on the primary and the secondary by thermistors
- DIN Housing 6 modules
- \- 0 Volt for power supply to electromagnetic lock, speech power supply pushbutton pilot lights and telephone buzzer
- \+ Speech power supply 8V DC 0,2A self protected against short circuits and overloads
- ~ 12V AC power supply self-protected against short circuits and overloads for:
  pushbutton pilot lights; electromagnetic lock (1A non-continuous); telephone buzzers(1A non-continuous)

  PRIM. connection to mains 220V or 240V 50/60Hz

Part. No. 603R-043 465 - Telephone



Characteristics
- One pushbutton for opening the door
- 12V AC buzzer
- Weight 0.320 kg

Connecting terminals:

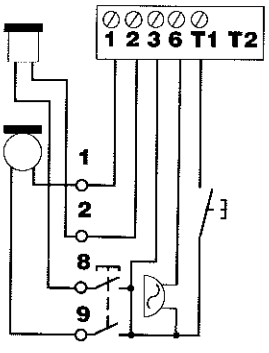
1 Microphone connection

2 Receiver connection

3 0 volt for speech circuit,call signals and open door release

6 Input for call signal from entrance call unit

T1 Door release control



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