

# BEG

CONTROLLERS | CONTROL PANELS  
PREWIRED SYSTEMS FOR LIFTS





**BEG**



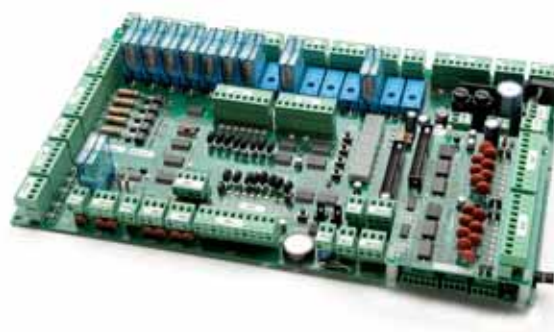
company

BEG was born in 1989 as an electronic plan office. Since 1990, cooperating with other companies, it gains experiences and know-how in the lift sector. In 1993, the first lift control panel is realized with digital technology, product with which BEG conquers the competitive Italian market.

Subsequently, the product range is amplified with a new type of control panels based on the serial communication system CAN Bus (Controller Area Network) integrated with displays and push button strips completed with prewired electric lines.

BEG Srl is a reliable partner. The good knowledge of the lift sector allows us to satisfy the different requests, taking care of the customer from the pre-sale phase and in accordance to the actual laws.

Professionality, constant technological improvement, high quality standards and careful post-sale assistance are the most important aims of the company policy that counts on the total client satisfaction.





# products

All BEG products are manufactured and realized in our factory, considering the customers advices. This allows us to facilitate mounting of new installations and on restructurings, where we can offer the complete item (control panel - push button strips - electric lines).

## CONTROL PANEL FOR HYDRAULIC INSTALLATIONS

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## CONTROL PANEL FOR ELECTRIC INSTALLATIONS

[control panel VVVF](#)

[control panel VVVF MRL](#)

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## CONTROL PANEL FOR HOME LIFTS

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## PREWIRED SYSTEM

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## PUSH BUTTONS SERIES SL

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[car push buttons \(C.O.P.\) series SL](#)

[floor push buttons \(L.O.P.\) series SL](#)

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## PUSH BUTTONS SERIES FL

[car push buttons \(C.O.P.\) series FL](#)

[floor push buttons \(L.O.P.\) series FL](#)

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## PUSH BUTTONS

[TM37](#)

[TM40](#)

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## DISPLAY

[car display SIL911](#)

[floor display DISP911](#)

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## BOARDS AND SPARE PARTS

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## SHAFT LIGHTING KIT

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## LAMPS TORPEDO LED TECHNOLOGY

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## TELEPHONE DIALER

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## control panels for home lifts

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They use MICRELB electronic boards | Operation of hydraulic power station | 1 or 2 speed starts | Manual or automatic doors management | Emergency descent | Universal manoeuvre for 6 floors

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## control panels for hydraulic installations

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They use electronic boards based on serial communication CAN Bus | Possibility of serial communication with the car only or car + floors | Operation of any type of hydraulic power station | Direct starts - star/triangle - soft starter | Operation of any type of automatic door | Emergency descent and doors reopening with all type of door | Universal manoeuvre, duplo, full collective, simplex, duplex, triplex | Pre-assembled car roof box with maintenance push button strip on not prewired lifts

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## control panels VVVF

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They use electronic boards based on serial communication CAN Bus | Possibility of serial communication with the car only or car + floors | Operation with any type of asynchronous - synchronous motor | Direct starts - settled with VVVF in open or close loop | Operation of any type of automatic door | Emergency descent and doors reopening with any type of door | Universal manoeuvre, duplo, full collective, simplex, duplex, triplex, in battery. Pre-assembled car roof box with maintenance push button strip on not prewired lifts.

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## control panel VVVF in MRL

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They use electronic boards based on serial communication CAN Bus. Possibility of serial communication with the car only or car + floors. In addition to the above features, the particular plan avoids encumbrance at the top floor as the control panel can be inserted into the door jamb or in a reduced wardrobe.

### control panel VVVF in MRL type 1



### control panel VVVF in MRL type 2



Remote control panel positioned in the door jamb (last floor)



Logic and security control panel positioned in the shaft



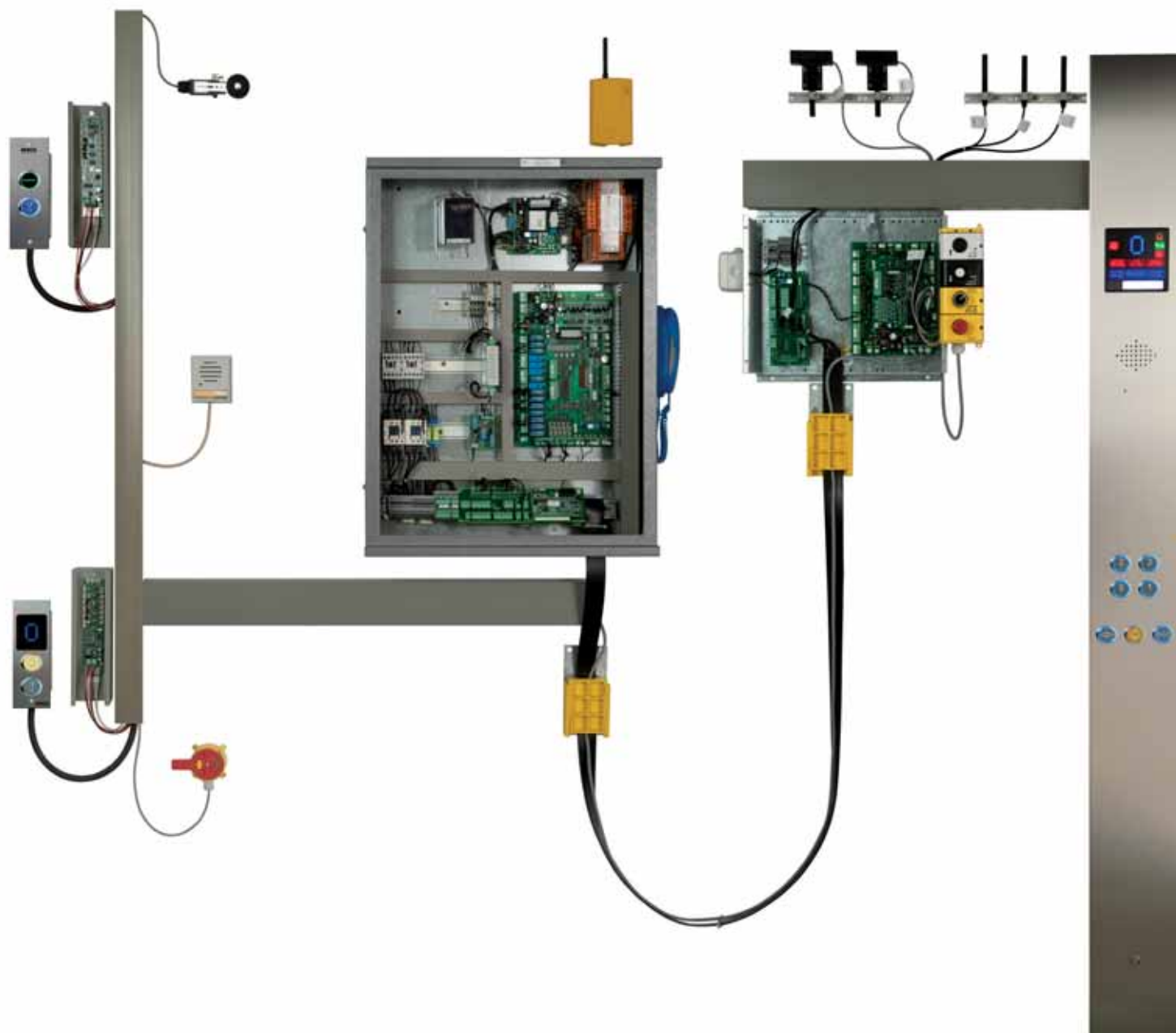
Control panel VVVF positioned in the shaft

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## prewired system

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BEG has realized different prewired systems to simplify and to speed up mounting. Prewired lines are realized with linked components and fully tested. In the latest serial system, you can connect the floor boards MIPIA with only 2 cables (CAN Bus).





# prewired system - system components

Shaft wires



Flexible wires



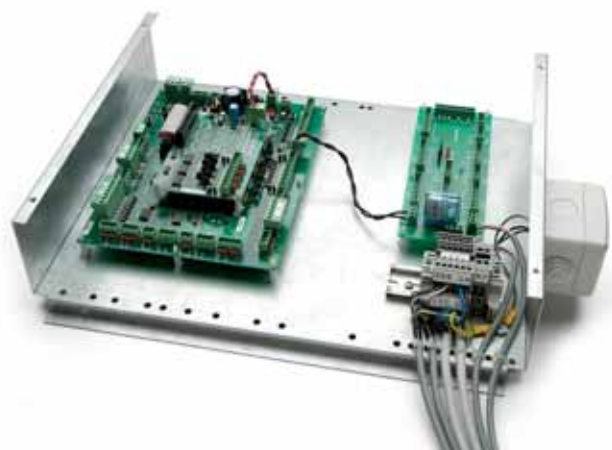
Shaft devices



Shaft devices



Car box



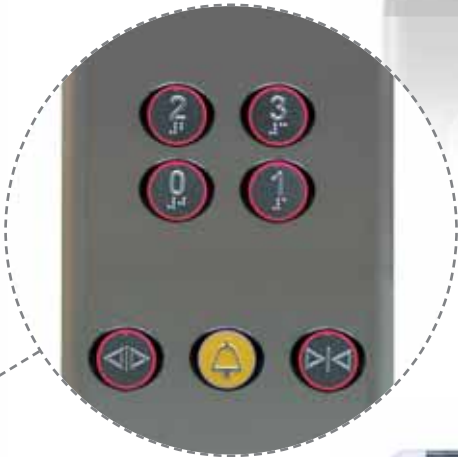
Push button maintenance



push buttons series SL



Car push button (C.O.P.)



Floor push button (L.O.P.)



Dark vision

push buttons series SL



Car push button (C.O.P.)



Floor push button (L.O.P.)



Dark vision

push buttons series SL



Car push button (C.O.P.)



Floor push button (L.O.P.)



Dark vision



push buttons series SL



Car push button (C.O.P.)



Floor push button (L.O.P.)



Dark vision



push buttons series FL



Car push button (C.O.P.)



Floor push button (L.O.P.)



push buttons series FL



Car push button (C.O.P.)



Dark vision

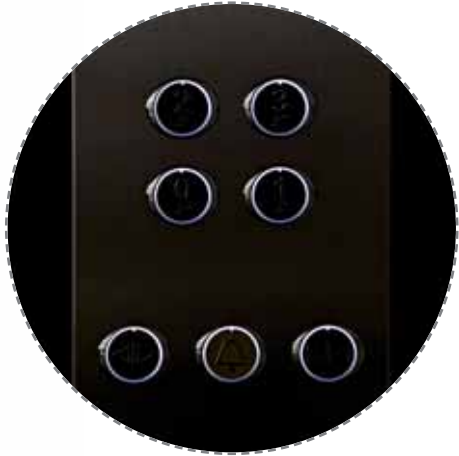


Floor push button (L.O.P.)

push buttons series FL



Car push button (C.O.P.)



Dark vision



Floor push button (L.O.P.)



Car push button (C.O.P.)

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## push buttons

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### TM37 push buttons

Oval polycarbonate push button with coloured metal ring or chromed of 37mm diameter with numbers in relief and in accordance to EN81.70. | L.E.D. 24Vcc lighting. | Frontal mounting with pressure and linked wiring.



### TM40 push buttons

Round polycarbonate push button with chromed metal ring of 45mm diameter with numbers in relief and in accordance to EN81.70. | L.E.D. 24Vcc lighting. | Threaded metal ring fixing.



# display

## car display SIL911

Synoptic with all the car signals integrated.

Matrix points display with 2 threads connection to use BEG boards. | In conformity with EN81.70 | Frontal mounting and linked wiring | Plastic box dim. 132 x 132 mm

It can visualize:

personalized logo | label data | signals for EN81.28 | alarm signal | emergency light | floors number | Ascent/discent arrow and next direction arrows | Out of service signal | Surcharge signal | Firemen manoeuvre signal | Floor arrival signal.



## floor display LCD - LCD color - DISP911 - DISP TM37

LCD display or dot matrix with 2 threads connection to use BEG boards. | Vertical and horizontal possible use.

In conformity with EN81.70. | Frontal mounting and linked wiring. | Dim. 65 x 75 mm

It can visualize:

floor numbers | Ascent/discent arrow and next direction arrows | Out of service signal | Surcharge signal | Firemen manoeuvre signal | Alarm sent signaling and alarm received signaling (LCD only).



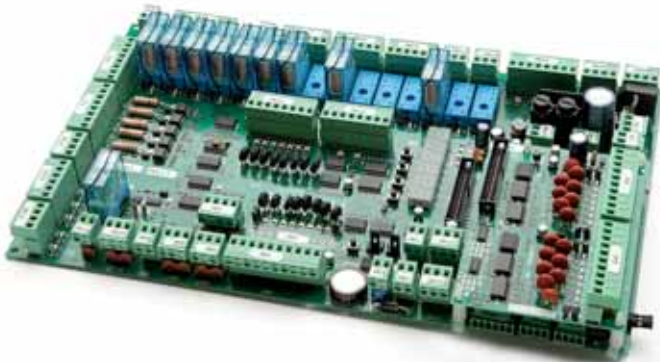


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## boards and spare parts

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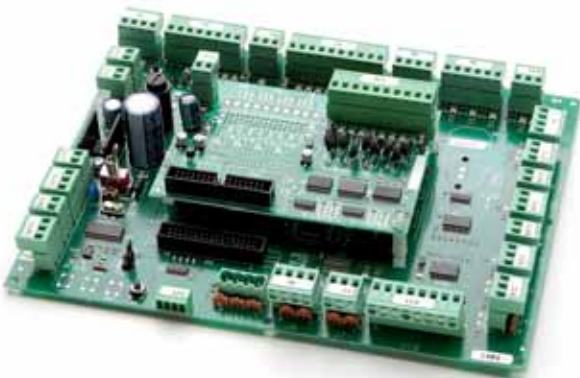
### Miqua.Can board



To be used with any type of universal manoeuvre (single or coupled) | Full collective ascent/descent (simplex or duplex) | Floors number 16 (expandable) | To be used with any type of doors | Display to visualize the faults | Display and push buttons to programme the installation data | Programming protected by customer password | Memory of the last 8 faults related to the floor where they have occurred | Races counter | Components lift check | Environment temperature check integrated | Safety devices check | Short floors management, different times and programmed maintenance check | Signals of "busy", "on arrival", "position", "direction", "booked" | Signal L.E.D. on inputs and outputs.

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### Micab.Can board



Electronic serial board for car lift based on the communication serial system CAN Bus (Controller Area Network) | Possibility of serial communication with the central unit (lift control panel) | It checks all the car components.

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### Mimca.Can board



Electronic board for floor calls and car calls | Inputs/outputs number 16 | Protected against shortcuts Max. 3W x line.

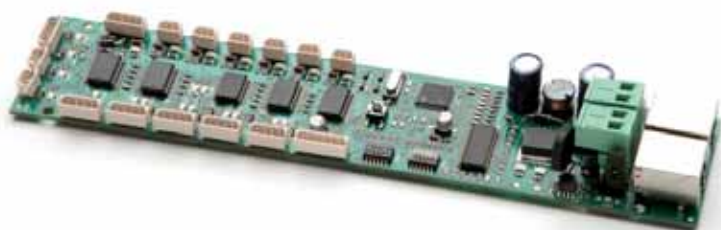
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## boards and spare parts

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### Mipia.Can board



Electronic serial floor board based on the serial communication system CAN Bus (Controller Area Network) | Electronic board for floor inputs outputs management | Protected against shortcuts Max. 3W x line.

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### Istop board



Electronic interface board | Input: two threads (2W BEG) | Outputs: 8 expandable digitals

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### SACI0500 board



Safety circuit board for door by-pass in accordance to law EN81.1 & 2 for lift control panels.

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### CB12 board



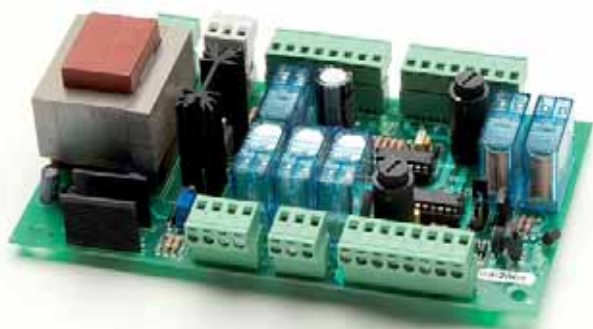
Battery charge board 12V 2Ah + emergency light.

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## boards and spare parts

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### CB48 board



Electronic board to repower hydraulic control panel in emergency with possibility to reopen doors at 48Vdc | Battery charge 12V 2Ah + emergency light

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### SWB board



Electronic board to repower hydraulic control panel in emergency with possibility to reopen doors at 48Vdc | Battery charge 12V 7Ah + emergency light

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### EMOBm board



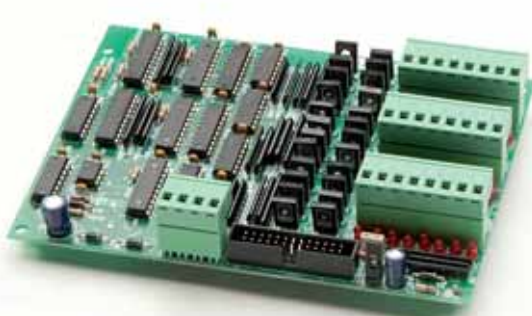
Electronic board to repower hydraulic/rope control panel in emergency with possibility to reopen any type of door | Battery charge 2X12V 7Ah + emergency light

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### Also available:



MICRELB board

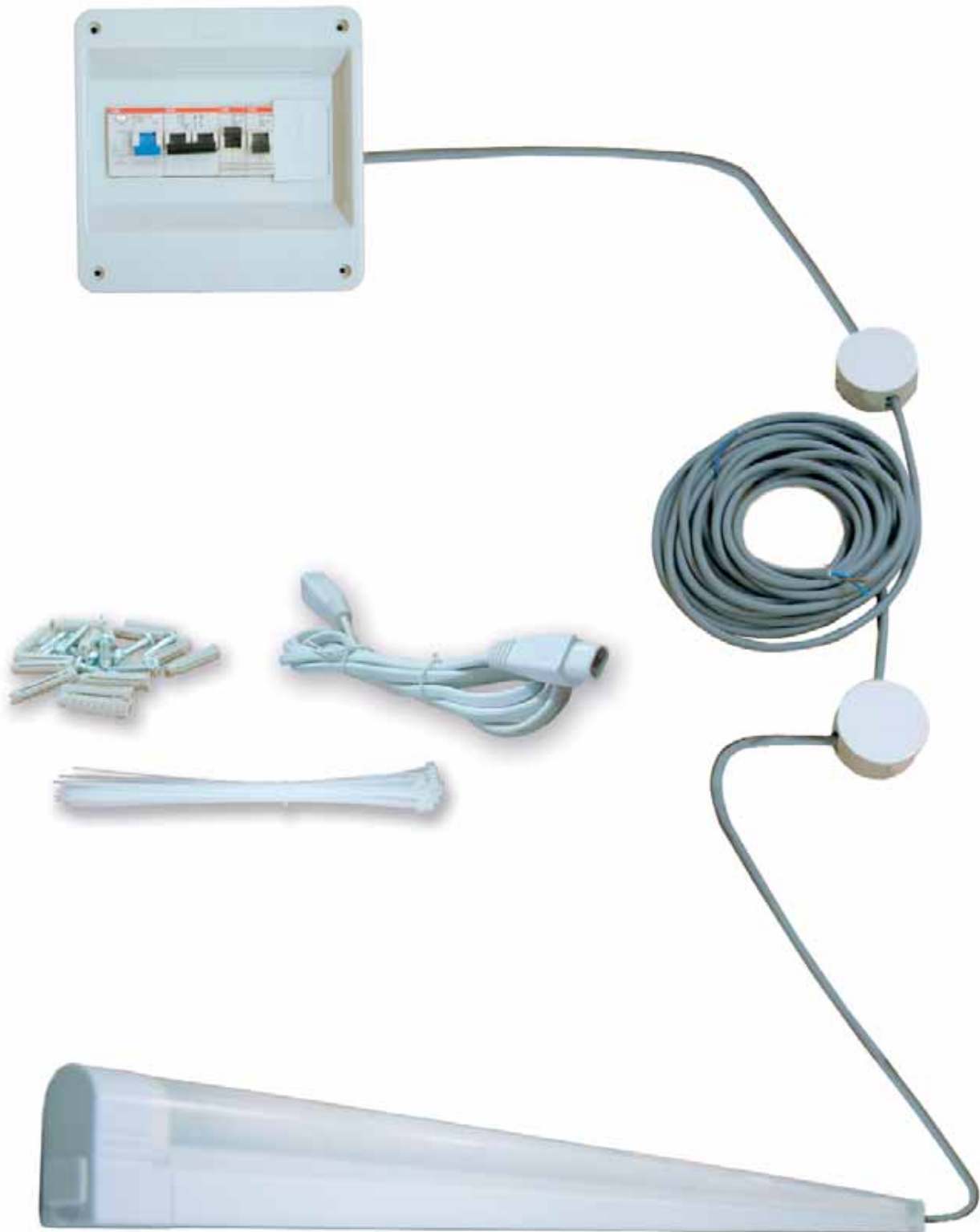


MICRESP8 board

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## shaft lighting kit

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### saving time

The prewired connections allow to save time during assembly

### easy assembly

The special cables do not need to be intubated and can be fixed directly to the wall using supports with a fischer and a cable tie supplied with the kit.



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## lamps torpedo LED technology

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Lamp 6x38



Lamp 6x30



Lamp 8x30



### energy saving

**LED technology saves up 70% compared to incandescent bulbs.**

The absence of glass parts and filament makes it more robust and durable, requiring no maintenance.

### compatibility

The LED lamps are designed to be universal. They can work in DC and AC.

### technical characteristics

Power to 12 e 24 V without polarity | Working in direct current and alternative current | Life over 50.000 hours  
Use on old lift with lamp torpedo | Light and shade lasting | High efficiency and low power consumption.



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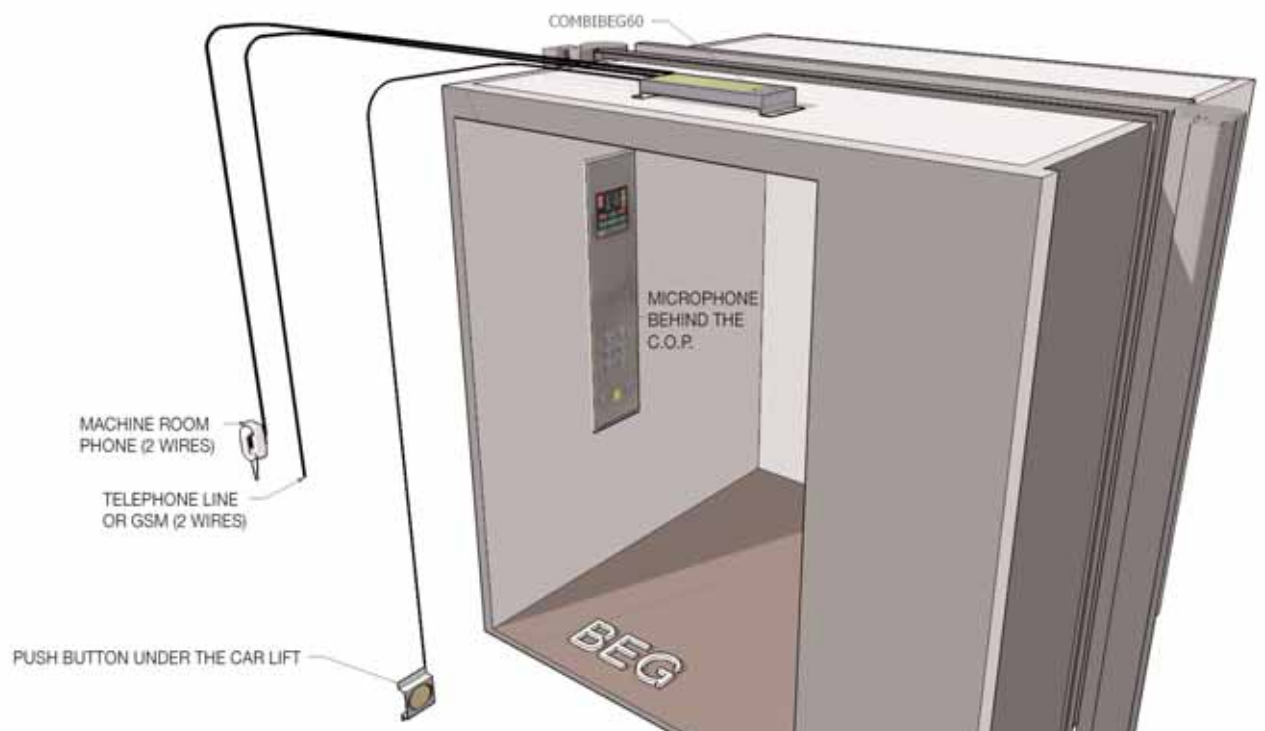
# telephone dialer COMBIBEG60

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## characteristics

Easy assembly and easy to use | Connecting dialer with only 4 flexible wires (2 for the telephone line and 2 for the phone in the machine room) | Interface with the best known Call Center.

**OPTIONAL** GSM connection | Possibility to use the dialer as speech synthesis BEG serial system.



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## kit including

Telephone dialer on the car roof | Microphone and speaker on the car roof | Microphone in the car lift  
Alarm push button connection in car lift | Alarm push button under the car lift

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## technical support

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