Control unit for
MRL (Machine Roomless)
elevator systems

All our MRL control units are equipped with our

µBeta

electronic boards.

FEATURES

Description: control unit for Machine Roomless MRL elevator system, for Geared and Gearless systems, Micro Beta microprocessor electronic board, with emergency and *telecare system. Ready for pre-cabled electrical system.

External box dimensions:

- Height: 655mm
- Width: 600mm
- Depth: 250mm

Box built in painted metal sheet - RAL7032.
*On request: special dimensions, box built in stainless steel and different RAL colors.

Fixing: the box is equipped with brackets and screws for a fast and easy fix on the wall.

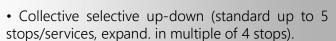**Power supply:** 240V single phase, 400/415V three-phase.

Types of systems:

- Electric: Geared/Gearless, VVVF, 2 speed.

Floors: standard up to 8 stops/services (max 24 collective stops), expandible in multiples of 8 stops/-services, serial transmission.

Operations:

- Universal (expand. in multiples of 8 stops).
- Collective selective down (expand. in multiples of 8 stops).

- Collective selective up-down (standard up to 5 stops/services, expand. in multiple of 4 stops).
- Simplex - Duplex (collective down - collective complete).

Doors:

- Manual on floors/car.
- Manual on floors/without car - with safety photo-cell.
- Automatic, up to 3 doors with alternate, simultaneous or 2 selective opening.
- Photocell, safety cam, open/close push-button.

Miscellaneous controls: stationary on main floor, reserved/preferential operations, fire service/fire fighting operations, full load, overload.

Indicator lights: available/in use (steady/flashing), arrival at floor, car/floor call accepted, binary or decimal position display, direction arrows/next direction selective at floors, overload, gong.

Shaft controls: standard pulse sensors, normal/close/short floor monitoring devices.

Emergency: alarm, emergency light 12V, prepared for downhill in the event of power cuts for electric systems:
- Return to the nearest floor and door opening, with UPS device, with Geared and Gearless.
- Displacement maneuver only with Gearless.

*Programmer PROG2: in option, used for system parameters programming and reading system errrors.

*OPTION

**Our products are certified in compliance with European Norms EN81.
Compliance with different norms on request.**