Eurolift ASCENSEURS

EUROLIFT · EDEL ELECTRICAL EQUIPMENT

Edel Advanced K2

Edel Advanced K2 lift controller

Up to 32 floors | Simplex to quadruplex | 2.2 to 45 kW in 3VF | EN 81-20 / EN 81-50



The contactor-free controller from Spanish manufacturer Edel, compliant with EN 81-20 and EN 81-50, supplied with its pre-assembled Plug & Play wiring and remotely managed with EDELCONNECT.

Made by Edel, Spain

edel *Electrónica de elevadores*

euro-lift.fr

EDEL ADVANCED K2

Five versions, one board set

The Advanced series covers most installations on the market: geared or gearless machines, 2-speed electric lifts and hydraulic lifts with direct or star-delta start. It works with CAN Bus in the car and on the landings, or CAN Bus in the car with traditional wire-to-wire landing wiring. The control board set is the same for every version: fewer spare parts for the maintenance company to stock.

Version	Application	Power	Cabinet (mm)
2-speed	1 or 2-speed electric lift, 64MdP275 board, thermal relays, 65, 110 or 190 V brake	25 to 50 A	700 × 600 × 250
3VF with machine room	Programmed Fuji Frenic Lift2 drive, induction or gearless motor, braking resistor, certified contactor-free	2.2 to 45 kW	700 × 600 × 250
3VF machine-room-less	Gearless machine, cabinet in the shaft, manual or automatic rescue by brake release, braking resistor and UPS supplied	2.2 to 45 kW	2000 × 310 × 180
MDP (door frame)	Control accessible in the landing door frame, power and drive in the shaft	2.2 to 45 kW	2000 × 150 + shaft cabinet 400 × 400 × 260
Hydraulic	Any power unit, GMV version with NGV valves, direct or star-delta start, battery rescue, double down valve (A3), open-door relevelling	38 to 185 A	700 × 600 × 250

Edel manufacturer data. Photos non-binding. Cabinet dimensions vary with the amperage.

Common features

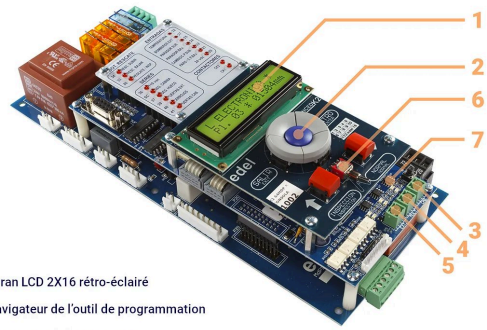
- Up to 29 floors with mixed wiring and 32 floors with full CAN Bus
- Universal, down-collective or full-collective operation
- Built-in programming console: backlit 2-line, 16-character LCD
- Log of the last 100 faults: type, date and time, departure and destination floors, door status
- Simplex, duplex, triplex and quadruplex linked by a single cable, no group cabinet
- Short or very short floors, double and selective double access
- Single-phase, 3VF or three-phase door operators, up to two accesses as standard
- Optional absolute encoder positioning, with no extra detectors
- Automatic learning of the shaft, number of stops and maximum travel time
- 24 Vdc direction, busy, door-open and call indicators
- 2 PIN levels for the maintenance company, optional voice synthesis
- Energy-saving standby in 3VF, suitable for reduced pit and headroom
- Menus in Spanish, English, French, Portuguese and Italian (up to 3 per board version)
- 230/400 V, 50/60 Hz supply, electromagnetic compatibility certificate

EDEL ADVANCED K2

Pre-assembled Plug & Play installation

The Advanced controller is designed to be supplied with the pre-assembled wiring, for new builds and full refurbishments: labelled branches, screen-printed colour-coded connectors, already connected.

1. MDP controller or SCM landing controller
2. Motor and encoder cable, Weidmüller connectors
3. Plug & Play shaft cable
4. Positioning by magnets or absolute encoder
5. Car operating panel, LCD or TFT displays
6. Landing stations and displays
7. Alarm and firefighter service
8. Shaft elements: safeties, stop, LED lighting
9. Flat travelling cable: CAN Bus, safety chain, signals
10. Inspection box with controls
11. Blade or roller limit switch
12. GSM module, voice and data



1. Ecran LCD 2X16 rétro-éclairé
2. Navigateur de l'outil de programmation
3. Connecteur CAN-BUS cabine
4. Connecteur pour câble de communication duplex
5. Connecteur CAN-BUS extérieurs
6. Bouton inspection intégré
7. Bouton reset

Advanced K2 main board: 2×16 LCD, navigator, CAN Bus connectors, built-in inspection and reset



Drives



Fuji Frenic Lift2

Standard drive of the 3VF versions, supplied programmed with its Advanced console.



Ziehl-Abegg

Optional drive on the Advanced series.

Standards and certifications

UNE EN 81-20 · UNE EN 81-50 · EN 81-21:2018 · EN 81-28:2018+AC:2019 · EN 81-70:2018 · EN 81-71:2018+AC:2019 · EN 81-72:2015 · EN 81-73:2016 · EN 81-76 · 2014/33/UE · 2014/30/UE · 2014/35/UE · UNE EN 50214 · UNE EN 60332-1-2

CONNECTIVITY

EDELCONNECT, remote control of your controllers

EDELCONNECT is Edel's online platform to manage a fleet of controllers from a computer or a phone, 24/7, 365 days a year. The platform is updated automatically and free of charge, with nothing to install in the controllers.

Real-time alerts

Breakdown notification, diagnosis and decision: on-site visit or remote fix.

Remote console

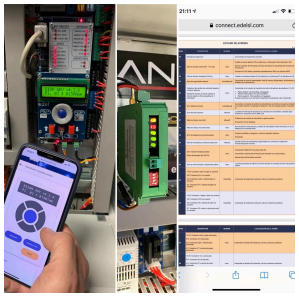
View, change, reset and correct parameters just as on the controller board.

History and access

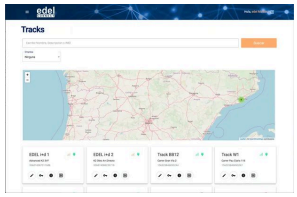
Fault history per installation, access control and notes with custom instructions.

Map and route

Location of each controller and best route via Google Maps, international coverage.



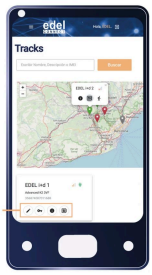
EDELCONNECT remote console on a phone



Controllers located on a map



Remote console: the same settings as on site



EDELCONNECT menus: edit, permissions, info, remote tool

Compatible with K2 and Advanced K2 boards already installed, through a firmware update, and with the EDEL-775/875 GSM module.

Contact

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