



SODIMAS[®]

ascenseurs

Electrical Renovation

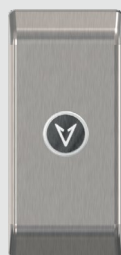
RESIDENTIAL
PAK





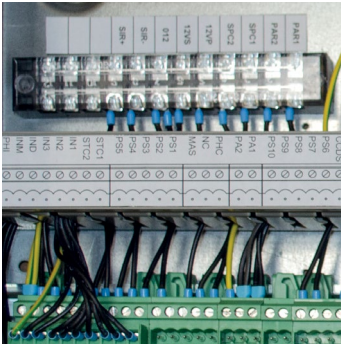
The « **Residential PAK** » brings together all the Sodimas knowledge for the renovation of your lift . It meets all standard regulations , safety, environmental and accessibility standards of your lift.

Developed specifically for the low-rise building market, the « **Residential PAK** » was also built on the economic criteria while bringing an innovative, up-to-date technology.



The **QI TOUCH** board with its integrated TFT touchscreen, compatible with the new standard EN 81. 20/50 and the advanced drive FUJI 2, supply the « Residential PAK »

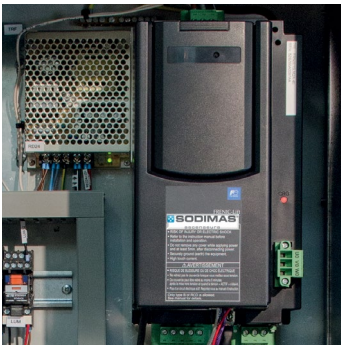




Top of car pre-wired.



Limax absolute sensor.



Drive wvf FUJI 2



Touch screen tool



Color TFT display

MAIN FEATURES

- **Mainboard Qi touch** with integrated tool – Conform to EN81-20 and 50 - Connectivity USB, Wifi, SD and compatible remote monitoring Sodi@com.

- **Advanced Fuji frenic 2** - Asynchronous open loop or closed loop, synchronous and multi-encoders - Integrated EMC filtering and energy saving management.

- **Limax positioning system** by absolute real sensor control (without battery) and shaft encoded magnetic tape for millimeter resolution.

- **Cop and landing fixtures** according to EN81-70 with a programmable color TFT display.

MATERIALS INCLUDED

Controller

Single metal case with integrated drive, delivered with emergency recall operation, door position light, brackets, drawings.

Electrical wiring

- **Car** : Travelling cable plug and play , inspection box and pre-wired connection box, emergency power supply 12 vcc , siren, component cables , bracket and accessories.

- **Machineroom** : Main power supply cable, motor screen cable, components (governor, brakes, ..) cables, plastic trucking and accessories.

- **Shaft** : Mixed wiring, for power security and control (Colors and numbers), plastic trucking, pit stop, bracket and accessories.

Positioning

- **Top of car embedded** plug-in system with inox magnetic tape and came in shaft.

- **Altitude by absolute sensor** Limax.

- **Final and inspection mechanical** limit switch.

Push buttons (Cop/Lop)

- **Surface mounting range M3** : Cyntia black buttons – Blue led - Adjustable audio call record.

- **COP** : Stainless steel surface mounting 1060x220x35mm – Usb adjustable TFT color 4.3 inch display with voice announcer – Instructions.

- **LOP** : Stainless steel surface mounting 185x85x25mm.

- **Landing display** : Usb adjustable TFT color 3.5 inch display - Vertical or horizontal position by switch.

« Residential PAK » scope of application

Main features :

- Main power supply 3 phases 380/400V -50/60hz.
- Levels : 8 max.
- Speed : Up to 1 m/s.
- Motor control inverter for Asynchronous open loop.
- VVVF inverter power : Up to 11 kw / 24 amp.
- Entrance : 1 or 2 (same door operator type).
- Short level : > 30 mm.
- Operation : Simplex sapb / down collective / full collective.
- Car door : Automatic VVVF / master door.
- Landing door : Automatic.
- Safety chain power supply : 110 vac.
- Brake power supply : 48 dvc / 110vdc / 220vac.

Compatible options :

- Motor control : Close loop asynchronous / synchronous gearless.
- Encoder : Incrémental 5vcc / 12vcc- Absolute sin/cos or ENdat.
- Fireman operation.
- Car-door operation control operator by contactors.
- Manual landing door.
- Electrical retiring cam - Multi voltage.
- Multi voltage electrical brake.
- Pre-opening / relevelling.
- Governor remote control.
- Car / Motor fan.
- Automatic hall light switching.
- Existing push buttons (24 vcc – 1.2 w max).

Additional options « Residential PAK »

- Sodimas COP / LOP and landing fixtures range.
- Additional electrical equipment (light curtain, shaft lighting, load weighting device, ...).
- Additional mechanical equipment (frame, gearless, bedframe, doors, ...).

Siège social

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