

## Kit of modernisation Variation of frequency

### DESCRIPTION

- The kit of modernisation – variation of frequency allows the modernisation of the power circuit of a lifting system of a lift.
- It fits with all types of winding gear and existing cupboard.
- The kit is delivered complete, with technical and pedagogical documentation.
- All the material comes from urban lifts.
- Concerned training : Maintenance and lifters courses.



### DIDACTIC APPLICATIONS

Adaptation of a cupboard with modern technology (variator) upon a winding gear and existing cupboard

Adjustment of the variator's parameter

## Presentation of a subsystem:

- **1 mobile structure**
  - the frame allows to fix the winding gear + existing cupboard on only one mobile support with wheels
  
- **1 power cupboard « variator » integrating:**
  - allowable power: 4kW
  - inlet :
    - **quick connector** allowing the connection of the cupboard with the one we have to modernise (or with the cupboard for piloting is in option)
  - one **variator** of frequency
  - outlet:
    - **terminal** connected with the socket in order to realise cabling adapted to the winding gear
    - **safety sockets** for electric connections with the motor + braking system
  
- **options :**
  - Piloting cupboard (additional cupboard for the kit of modernisation – frequency variation integrating the control switches and indicators ; allows the running of the kit of modernisation without any grafting with another existing cupboard)
  - Piloting of the system through an automaton for automatic management of the speed commutation and acceleration steps, deceleration and stopping : only available with the option “piloting cupboard” (option here before)
  - Sockets box for quick cabling of the motor and brake of the winding gear on the kit of modernisation
  - Measurement of the rotation speed of the winding gear with displaying of the speed on piloting cupboard (kit composed of electric box, inductive sensor to be fixed on the winding gear)
  - Acquisition card for PC for continuous recording of the rotation speed of the winding gear

## UTILITIES

- **Electricity** : 400 VAC tri - 50/60 Hz
- **Dimensions** (Lxlxh in mm) = 1000x1200x1800
- **Weight** : 100kg

## Other information:

- Modernisation of an existing system can involve the return of your material (winding gear + cupboard) in our workshop for the adaptation of the kit.
- For any further information, contact us !