

Preassembled Installation

FOX Controller Hydraulic

Direct Start



The SmartLift FOX lift control system has been designed for 1 or 2 speeds traction machines, VVVF with synchronous and asynchronous motors and hydraulic direct, delta/star start or soft-starter.

The simplicity of the control cabinet and the design of the control board permit to have a fast and error free configuration.

The controller is assembled on a multilayer with coating protection printed circuit. It includes the microprocessor and the other devices of the lift control cabinet so the internal connections are reduced to the minimum.

This new concept permits to have an error free control cabinet, its dimensions and weight are reduced and therefore, it can be considered as one of the most advanced solutions in the market.

Características

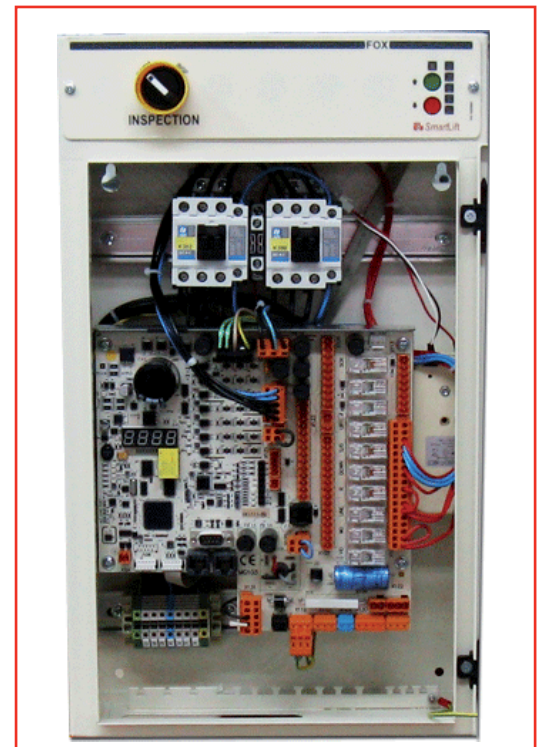
- Minimum shaft and car wiring
- Configuration for two door operators independent for each floor
- Car Light timer
- Intelligent battery charger
- The same control board can be used for all types of lift. This eliminates the necessity of having different replacements
- Clamp connectors with different colours to avoid connection's errors.
- Monitoring of all the I/O and control signals with LEDs. This permits to check the status of the lift with a "simple look"
- Environment temperature control and relay to control the phase sequence included on the controller
- Real time clock
- Low weight and reduced dimensions to handle it easily.
- One single 28 wires travelling cable. The number of stops does not modify the travelling cable.
- Fast shaft wiring without ducts due to the KonboX shaft wiring system
- Simple and fast RJ45 connections for car pushbuttons and displays
- Inspection switch and up/down pushbuttons can be reached without opening the cabinet doors because they are installed outside the cabinet
- END OF RESCUE, FLOOR LEVEL, PERSON IN THE PIT, PERSON ON THE CAR ROOF, LIFT IN INSPECTION MODE AND LIFT MOVING monitoring with LEDs installed outside the cabinet
- Mechanical contactors locking

Operation duties

Motor Power	Rated Current at 380/400 V	Cabinet dimensions	P/N
Up to 15Cv/11kW*	22A	600 x 400x 180	WA3
Up to 20Cv/15kW	40A	600 x 400x 180	WA5

Motor Power	Rated Current at 230 V	Cabinet dimensions	P/N
Up to 5,5Cv/4kW*	22A	600 x 400x 180	WA3
Up to 10Cv/7,5kW	40A	600 x 400x 180	WA5

* In case of necessity, these controllers can be delivered with smaller dimension



Fulfils with current European Standards:

- EN81/2
- EC 95/16 Lifts' Directive
- EN 81/70
- EN 81/28
- EN 81/72
- Pubel
- EN 12015
- EN 12016
- EN 50178

Power Supply	230/400 V
Errors monitoring	4 digits numerical display on the control board to display the errors of the installation. This can be also checked with the programming console
Safety circuit	110/230V _{AC}
Selectivity	Down and Up and down selective up to 16 stops
Standard output for the brake	48, 60, 110, 190V _{DC} y 230V _{AC}
Password to modify the lift programming	6 digits with 2 different level access: supervisor and technician
Installation events	The last 32 installation events are registered with the time when they occurred
Programming console	PDA and bluetooth adapter or through the RS485 communication port
Standard exception	Prepared for installation with reduced pit and escape
Connection	Simplex a Quadruplex