

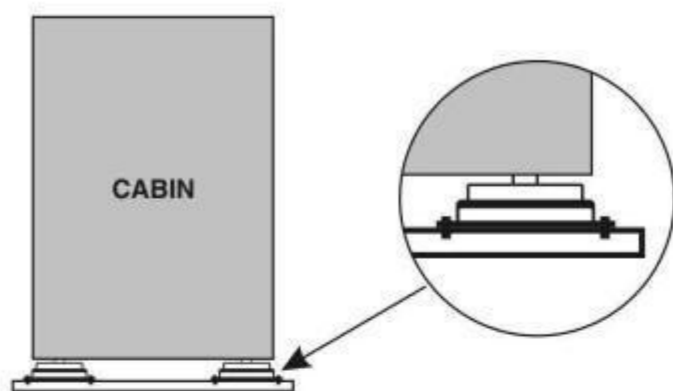
Sky elevator®

OVERLOAD SYSTEM

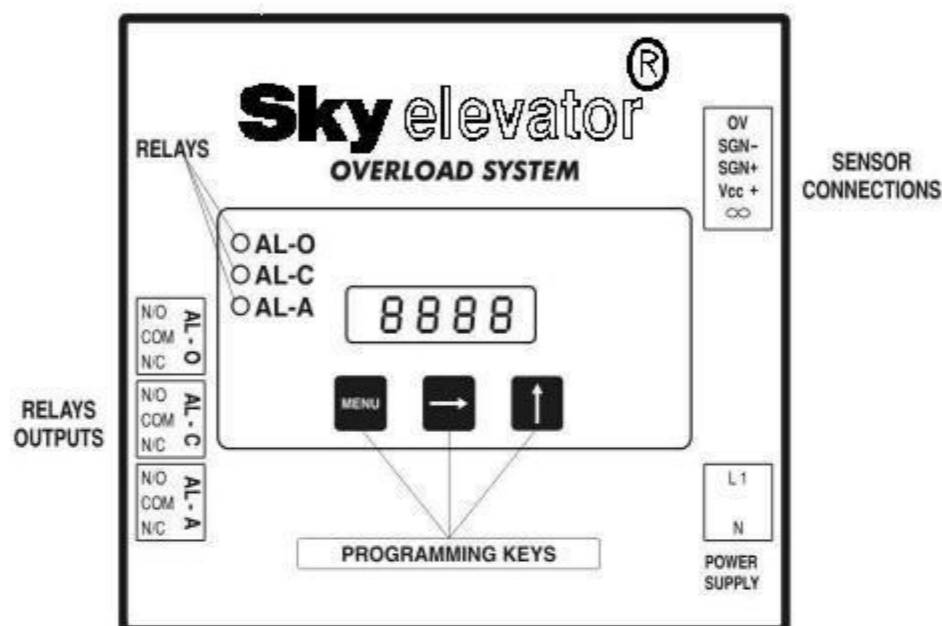
INSTRUCTION MANUAL

1) CONNECTIONS

Mechanical



Electrical



2) TECHNICAL SPECIFICATIONS

Power Supply	:.....	220 VAC ± %10
Number of Outputs	:.....	3
Relay Contact	:.....	6A - 24VDC
Mechanical Capacity	:.....	2200 kg (Cabin+Capacity)
Bridge Supply	:.....	5 VDC
Sensitivity	:.....	2 mV/V

3) PROGRAMMING ADDRESSES

8888	:.....	Load in the cabin
CERO	:.....	Adjust to set the car empty
CAL	:.....	Calibration of the sensors and control unit
AL-O	:.....	Adjust the weight of Overload-Alarm
AL-C	:.....	Adjust the weight of Completeload-Alarm
AL-A	:.....	Adjust the weight of Minumumload-Alarm

4) PROGRAMMING KEYS

MENU	:.....	Calling the programming addresses
→	:.....	1) Entering into the address 2) Change the programming digit (8888)
↑	:.....	Change the number of digit

5) PROGRAMMING

- All mechanical, electrical and decorative works must be finished before starting.
- Finish the electrical connections of Load-cell unit and read a value on the display.

Step 1 Adjusting to Zero: The cabin must be empty

- MENU** Press come to CERO.
- Press enter into the adress.
- ↑** Press digit will start to 9999 - 8888.....0000 and finally it will appear 0000. This will be the weight in the cabin.

Step 2 Calibration: Put into the cabin a known weight (for example 25% x capacity) and read the value on the display. If the value is not correct.

- MENU** Press Call the adress CAL
Enter the adress and write the value of the weight onto the display using the **→** and **↑** keys (for example 0125)
- MENU** Press. Digit will start to count 9999-8888.....0000 and finally it will appear the weight in the cabin. Calibration is finished.

Important: During the calibration the weight in the cabin must be constant.

Step 3 Load Settings: 3 different loads can be programmed.

- MENU** Press come to the adress AL-O or AL-C or AL-A
- Press Enter into the adress and write onto digit the weight you want to get a signal from control unit for example (1100-0630-0030 etc.)
- MENU** Press. For each contact you have to repeat the adjusting.

Important: If the programming keys are not used longer than 6 minutes, the digit turns off automatically and only one segment is visible.

Press **↑** or **→** for normal condition.

Adaptor: In case of failure of one active sensor, pls connect to adaptor to the system instead of the defected sensor and repeat the adjustment ZERO and CALIBRATING.



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