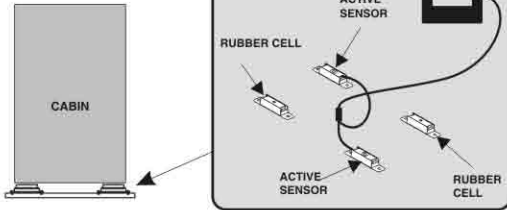




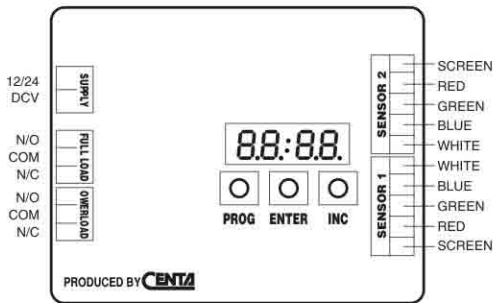
OVERLOAD SYSTEM for ELEVATORS INSTRUCTION MANUAL

1) CONNECTIONS

Mechanical



Electrical



2) TECHNICAL SPECIFICATIONS

Power Supply	: 24/12 VDC
Number of Outputs	: 2
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

4) PROGRAMMING KEYS

PROG	: Calling the programming addresses
ENTER	: 1) Entering into the address 2) Change the programming digit (8888)
INC	: 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

- PROG** Press come to CERO.
- ENTER** Press enter into the adress.
- INC** Press digit will start to 9999 - 8888.....0000 and finally it will appear 0000.

Step 2 Calibration: Put into the cabin a known weight (for example 40% x capacity) and read the value on the display. If the value is not correct.

- PROG** Press Call the adress **CAL**
- Enter the adress and write the value of the weight onto the display using the **ENTER** and **INC** keys (for example 0200)
- PROG** 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: 2 different loads can be programmed.

- PROG** Press come to the adress AL-O or AL-C
- ENTER** 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.)
- PROG** Press

Full-and overload points have n/c, com and n/o outputs.

The output signals are shown flashingly as **Over** **Full**

6) FACTORY SETTINGS

- Disconnect the sensor from the control unit.

Press **ENTER** and **INC** and connect the power at the some time

Digit will start to show 9999 - 8888.....0000 and finally it will appear **CntA**

System has the factory settings now.

CENTA

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