

# SETTINGS




## 1) TECHNICAL SPECIFICATIONS

Power Supply	: 220 VAC, L1-N -earth
Sensor inputs	: 2 parallelly
Number of outputs	: 4 relays, RLY1 -RLY2 -RLY3-RLY4
Tone signal for overload	: <b>RL1 ( AL-0 ) gives flashing tone signal when activated</b>
Relay positions	: All position of relays can be changed as ON Or OFF RLY1-2-3 have same COM, RLY4 has separate
HOLD	: 24.....220 VAC / DC
Working temperature	: -20.....50 C
Analog output	: 0.....10 DC 4.....20 mA (optinal)

## 2) PROGRAMMING ADDRESSES

8 8 8 8.....	Load in the cabin
CERO.....	Adjust to set the car empty
CAL.....	Calibration of the sensors and control unit
RLY1/AL-0.....	Adjust the weight of Overload-Alarm
RLY2/ AL-C.....	Adjust the weight of Completeload-Alarm
RLY3 / AL-A.....	Adjust the weight of Minimum load-Alarm
RLY4.....	Relay for using of any safety circuit
DAC.....	Analog output 0.....10V
STN.....	Factory Setting
rL.....	Adjusting of output-relay ON or OFF




## 3) PROGRAMMING KEYS

	..... Calling the programming addresses
	..... 1) Entering into the address ..... 2) Change the programming digit {8888}
	..... Change the value of digit





## 4) 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.
- Pls start with programming  
AFTER YOU SEE THAT THE DIGIT OF CONTROL UNIT INCREASES IN POSITIVE DIRECTION WHEN YOU PUT A LOAD INTO THE CABIN.
- When you put a weigh into the cabin the digit must increase in positive direction.

### Step 1 Adjusting to Cero: The cabin must be empty




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



### Step 2 Calibration: Pls be sure that the cabin is empty and the digit of control unit shows 0000. {

-  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)
-  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.

-  Press ..... come to the adress RLY1, RLY2, RLY3 and RLY4
-  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.}
-  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.

### Step 4 HOLD and DAC Adjustment

#### HOLD:






HOLD input prevents the measuring of control unit during travel. The changes of load during accelaration and stopping will be not sensed by control unit.  
DO NOT SUPPLY ANY VOLTAGE WHEN THE CABIN IS NOT MOVING.  
Input voltage : 24.....220 VAC or VDC

#### DAC Adjustment (Optional)

By pressing  pls find the adress DAC . Press  and enter into the adress. By using  and  you have to teach the control unit the maximum load of the elevator. According the load in the cabin you can get output as DC voltage or mA from control unit . They can be used by your controlling system.




## 5) r L RELAY POSITIONS

All the Output relays RLY1, RLY2, RLY3 and RLY 4 can be adjusted as activated { ON } or non activated { OFF } at non - loaded condition

-  Press and come to the adress **rL**
-  By pressing the bottom you can choose the relays (RLY1,2,3,4)
-  By pressing the bottom you can make the relay position On or OFF
-  Press and see " DONE " on the digit.
-  Press and finish the adjusting. You can repeat this for each relay again.

## 6) FACTORY SETTING

-Connect the sensors to the control unit.

- PRESS  come to the adress Stnd.
- PRESS  go into the adress.
- PRESS  4 seconds until the digit counts 9999-8888.....0000 now the factory settings is finished.

  
**SKY ELEVATOR**