

ALYA SERIES

SERIAL COMMUNICATION LOP

INSTALLATION MANUAL



7 Segment and Dot Matrix Led Displays

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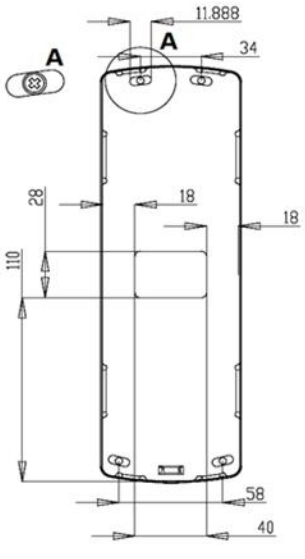


Figure 1

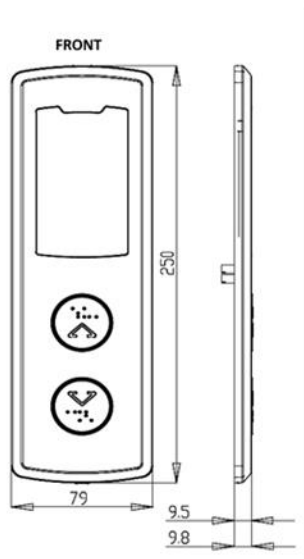


Figure 2

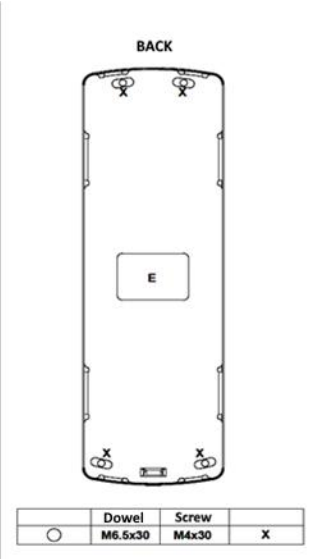


Figure 3

ALYA LOP Contents

- ALYA Serial Communication LOP
- Mounting Dowels and Screws
- User Manual and Installation Manual
- Terminating Resistor for systems without a shaft pit board with CAN interface.

1- Mechanical Installation

- 1.1 Open the front cover by pressing the spring mechanism at the bottom center of the ALYA LOP with a screwdriver.
- 1.2 Mark the holes of screws and cable by placing the rear plate onto wall you want to install.
- 1.3 Drill the holes (shown on Figure 3 by X) for M6.5 dowels.
- 1.4 Open a hole in the wall through which the rectangular socket of the panel with sizes 40x28mm can pass (shown as E in Figure 3)
- 1.5 Insert the four dowels into the drilled holes (X).
- 1.6 Attach the backplate on the wall by using 4 M4x30 screws to complete mechanical installation.

2- Electrical Connections

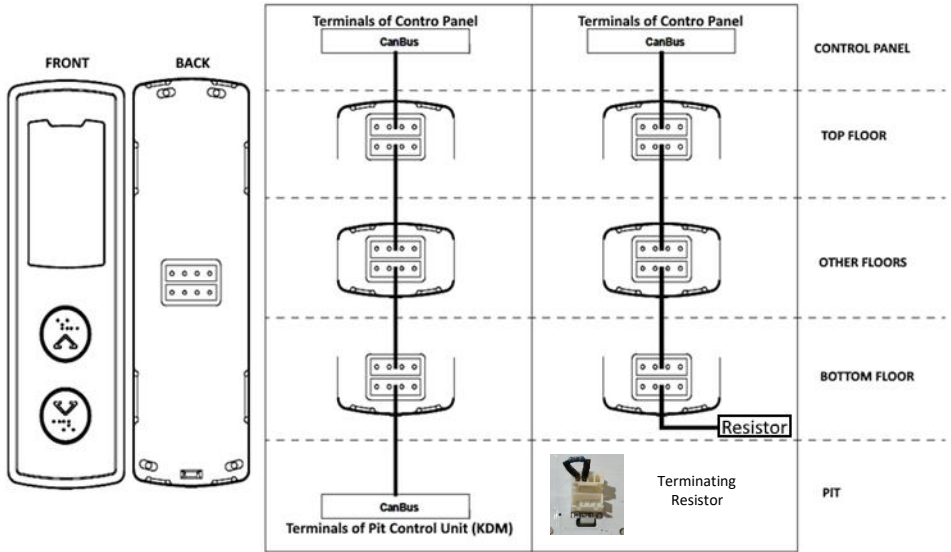


Figure 4

Figure 5

2.1 Connect the CANBUS cable terminals to the LOP interface in the control panel (100-1000-CL1-CH1).

2.2 If your system includes a **shaft pit control box with CAN interface** as shown in Figure 4, then connect all LOPs with CANBUS cables with two white rectangular sockets.

2.3 If no electronic shaft pit board with serial interface is present, then insert a terminating resistor into the lower socket of the LOP at the bottom floor as shown in Figure 5.

3- Operation and Adjustment Operations

There are 3 programming buttons on the board: UP, DOWN and ENT. You can increase the value of a parameter by pressing UP and decrease it by pressing DOWN button. After setting it to the desired value, press ENT button shortly to confirm.

In order to enter adjustment menu press 3 seconds ENT button.

You will see the floor number of the LOP (which is called as its ID) and the characters “id” flashing sequentially. Here “id” represents the parameter name and the number is its value. You can increase the floor number by pressing UP button and decrease it by pressing DOWN button. Only the floor number is displayed while one is pressing UP or DOWN buttons. When no button is being pressed then again “id” and floor number will be flashed sequentially.

When you have adjusted all parameters then press ENT button 3 secs to save the parameters and exit from menu.

The process can be summarized in the following table:

Display View	Pressed Button	Meaning
5		Floor No
5	ENT (min 3 sec.)	Floor No
Id and 2 (flashing)	UP	ID of LOP
3	UP	ID of LOP
Id and 4 (flashing)		ID of LOP
Id and 4 (flashing)	ENT	ID of LOP
bL and 2 (flashing)	ENT	Buzzer Level
FL and 0 (flashing)	ENT	Presence of at Floor Indicator
Si and 1 (flashing)	DOWN	Simulator On
0	ENT (min 3 sec)	Simulator Off
5		

Parameter Code	LOP Type	Range	Definition
id	CLS, CLD	0...63	Floor Number of LOP
bl	CLS, CLD	0...9	Buzzer Level. Increasing value makes the buzzer volume to decrease, where 1 is the loudest value. Zero value disables buzzer.
FL	CLS	0,1	0-At floor indicator is not used. 1-At floor indicator is used.
Si	CLS, CLD	0,1	0-Lift Operation Mode 1-Simulation Mode where LOP stops communication and displays numbers in the range of 0 to Simulation Floor.
SF	CLS, CLD	0...63	Maximum displayed Floor Number in simulation mode.
SL	CLD	0,1	Slide Mode 0-Floor Number does not slide when floor changes. 1-Floor Number slides when floor changes.
Ar	CLD	1...5	Arrow Type One of the five Arrow styles can be selected.
GM	CLD	0,1	Arrow-Character Location 0-Arrow is above, Floor Number below 1-Floor Number is above and Arrow is below.

4-Caution

- 4.1 Use only special stainless steel cleaners to clean the panels.
- 4.2 Do not use any detergent or acids to clean panels.
- 4.3 Avoid to contact any liquid to the LOP.
- 4.4 In case of an electrical failure, switched off the LOP and contact with Aybey Elektronik Technical Service.