Description

The device can be configured through any **CAN**open lift configuration tool using the corresponding EDS file:
CAN_IO_DOT_MATRIX.eds.You can download the file here:
https://semitron.atlassian.net/wiki/spaces/PS/pages/1519648784/CAN+IO+DOT+MATRIX

Node-ID

The node-ID is an identifier that is unique to every CANopen device connected on the same bus. To change the node-ID, set the desired value on index 0x2000. To apply the change, click on store parameters on your preferred configuration tool and reset the node.
Recommended node-ID values for Floor I/O panels are 21 to 84.

📂 General entries

Index	Name	Description
● 0x6001	● Lift number	● Specifies which lift (1-8) the device is assigned to (for multi-lift applications).
● 0x6002	● Floor number	● Floor number of the device (1–255)
● 0x6003	● Door number	● Specifies which door(s) the device is assigned to (for floors with multiple doors).

⚠️ *These entries determine the overall behavior of the device. Display and sound indications rely on the general entries to function correctly.*

Inputs

Index	Name	Description
0x6100	Call input group	8 inputs can be configured to support several input signal modes. These can be hall calls, car calls, etc.
0x6120	Input State Parameters	This configuration parameter can be used to enable or disable the corresponding input. **Inputs enable status (default: ON)**
0x6160	Input Calibration Parameters	This configuration parameter defines can be used in order to define the button debounce time and the polarity. **Button debounce time – default: 20ms** The debounce-time refers to the amount of time which is required to trigger an input to transmit the input signal **Polarity (invert)**
0x2020	GPIO Pull UP/Down	Each input can be configured to be enabled to +24V (when user chooses 'Pull down') or to 0V (when user chooses 'Pull up'). -Choose FALSE(0) to configure 'Pull down' -Choose TRUE(1) to configure 'Pull up'

Polarity (invert) table (for 0x6160):

Polarity	Voltage	Input
0	+24V	Enable
	0V	Disable
1	+24V	Disable
	0V	Enable

Outputs

Index	Name	Description
0x6200	Call Output group	8 outputs can be configured to support several output signal modes. These can be call acknowledgements, direction indications, arrival indications, etc.
0x6210	Special Indication Output group	16 special indications such as "Overload" and "Out of order", can be configured to display a custom message.The display message for each special indication, can be specified on index 0x62b1.
0x6220	Output State Parameters	This configuration parameter can be used to enable or disable the corresponding output. **Outputs enable status (default: ON)**
0x6260	Output Calibration Parameters	This configuration parameter can be used in order to define the polarity. **Polarity (invert)**

Polarity (invert) table (for 0x6260):

Polarity	Voltage	Input
0	+24V	Enable
	0V	Disable
1	+24V	Disable
	0V	Enable

Display Options

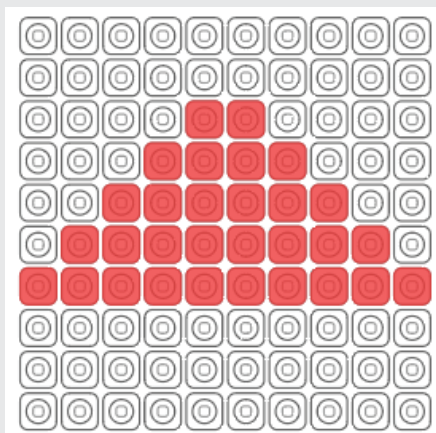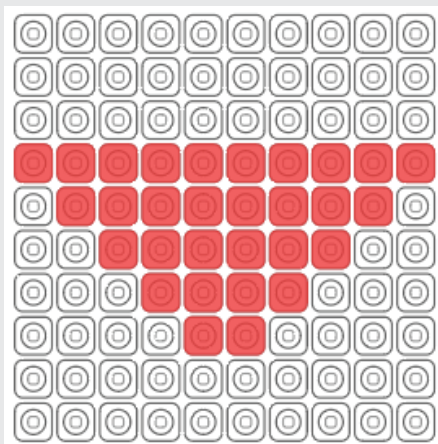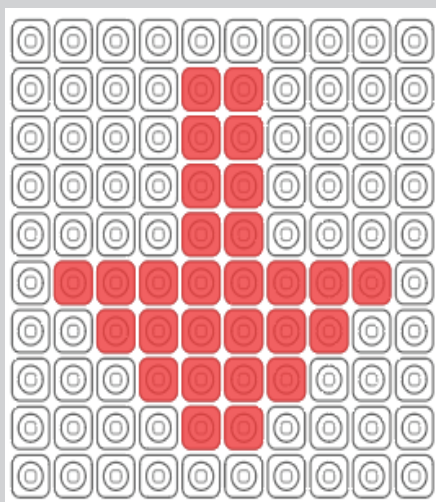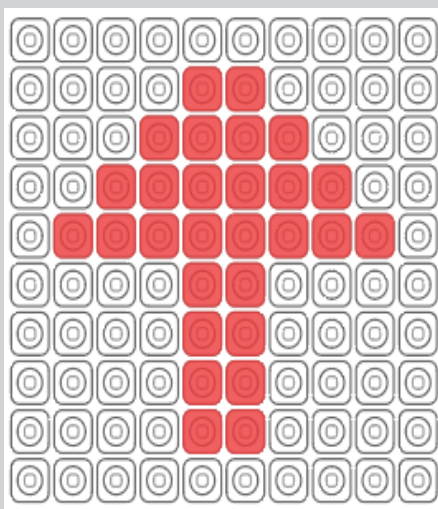| Index	Name	Description
● 0x62b0	● Floor name	● Floors display names (up to 32 floors)
● 0x62b1	● Special indications text	● Special indications display message

0x2005 - Display / Graphic Options		
Sub - Index	**Name**	**Description**
1	Display Brightness	Display Brightness (1-5)
2	Display Orientation	● Portrait mode (default) ● Landscape mode
3	Arrow Graphic Type	Arrow Graphic selection (1-2 see table below)
4	Arrow Speed	Moving Arrow speed (1-5)
5	Text Speed	Moving Text speed (1-5)
6	Arrow Offscreen Time	Refers to the delay of the arrow reappearance every time it disappears after the completion of its movement. (0-5 which correspond to 0-1.5s)

1	
2	

🔊 Sound Options

	0x2010 - Sound Options	
Sub - Index	**Name**	**Description**
1	Arrival Gong	Enable Sound indication on arrival| *(ON/OFF)*
2	Call Acknowledge Sound	Enable call acknowledge tone *(ON/OFF)*

Firmware Updates

Firmware updates are supported to provide the latest features and bug fixes for the device. Click on the "Update firmware" option on your preferred configuration tool and select the update file. The tool will guide you through the process and notify you, once the update is finished.

📝 *To apply any changes done to the parameters, click on store parameters on your preferred configuration tool.*

CANopen device profile for Lift

Conformed with quality management systems standards