

## Description

The device can be configured through any **CANopen** lift configuration tool using the corresponding EDS file: CANopen\_REV\_LIGHT.eds. You can download the file here:

<https://semitron.atlassian.net/wiki/spaces/PS/pages/1540259841/CANopen+REV+LIGHT>

## 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 Car I/O panels are 16 to 20.

### 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. By default this parameter is set to 0 as a car/cabin device. (in case the device is used as a floor panel/LOP, this value should be 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.*

## Inputs

Index	Name	Description													
● 0x6100	● Virtual input	<ul style="list-style-type: none"> <li>11 inputs can be configured to support several input signals. These can be inspection signals, hall calls, etc.</li> </ul>													
● 0x6120	● Input State Parameters	<ul style="list-style-type: none"> <li>This configuration parameter can be used to enable or disable the corresponding input.</li> </ul> <p><b>Inputs enable status (default: ON)</b></p>													
● 0x6160	● Input Calibration Parameters	<ul style="list-style-type: none"> <li>This configuration parameter can be used in order to define the button debounce time and the polarity of the corresponding input.</li> </ul> <p><b>Button debounce time – default: 20ms</b> The debounce-time refers to the amount of time which is required to trigger an input to transmit the input signal.</p> <p><b>Polarity (invert)</b></p> <table> <tr> <th>Polarity</th><th>Voltage</th><th>Input</th></tr> <tr> <td rowspan="2">0</td><td>+24V</td><td>Enable</td></tr> <tr> <td>0V</td><td>Disable</td></tr> <tr> <td rowspan="2">1</td><td>+24V</td><td>Disable</td></tr> <tr> <td>0V</td><td>Enable</td></tr> </table>	Polarity	Voltage	Input	0	+24V	Enable	0V	Disable	1	+24V	Disable	0V	Enable
Polarity	Voltage	Input													
0	+24V	Enable													
	0V	Disable													
1	+24V	Disable													
	0V	Enable													

## Outputs

Index	Name	Description													
<ul style="list-style-type: none"> <li>0x6200</li> </ul>	<ul style="list-style-type: none"> <li>Virtual Output</li> </ul>	<ul style="list-style-type: none"> <li>5 outputs can be configured to support several output signals. These can be door controlling signals, load indications, etc.</li> </ul>													
<ul style="list-style-type: none"> <li>0x6220</li> </ul>	<ul style="list-style-type: none"> <li>Output State Parameters</li> </ul>	<ul style="list-style-type: none"> <li>This configuration parameter can be used to enable or disable the corresponding output.</li> </ul> <p><b>Outputs enable status (default: ON)</b></p>													
<ul style="list-style-type: none"> <li>0x6260</li> </ul>	<ul style="list-style-type: none"> <li>Output Calibration Parameters</li> </ul>	<ul style="list-style-type: none"> <li>This configuration parameter can be used in order to define the polarity of the corresponding output.</li> </ul> <p><b>Polarity (invert)</b></p> <table> <tr> <th>Polarity</th><th>Voltage</th><th>Output</th></tr> <tr> <td rowspan="2">0</td><td>+24V</td><td>Enable</td></tr> <tr> <td>0V</td><td>Disable</td></tr> <tr> <td rowspan="2">1</td><td>+24V</td><td>Disable</td></tr> <tr> <td>0V</td><td>Enable</td></tr> </table>	Polarity	Voltage	Output	0	+24V	Enable	0V	Disable	1	+24V	Disable	0V	Enable
Polarity	Voltage	Output													
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1	+24V	Disable													
	0V	Enable													

## 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

