Model No.: LCM-DALI-A1

This converter is compatible with Solu-M LED driver

Overview

The DALI to 0-10V converter is a lighting control device used to control any standard 0-10V dimmable LED Driver using DALI. It allows dimming control by converting DALI commands into 0-10V dimming signal and On/Off control.

Features

- Interface in accordance with the DALI standard (Meets IEC62386-102, 207)
  - This converter provides all functions of IEC62386 207 part except that below optional functions:
    1. Load Increase / Decrease
    2. Thermal Shutdown / Overload
    3. Current protector & Reference system power
- DALI Lines: Basic insulation, polarity free & overvoltage (AC Input) protection
- 1-channel 0-10V analog signal output
- 5~100% dimming ratio, Logarithmic & Linear curve
  - The default setting is logarithmic curve, change to linear curve by DALI command 227 (207 part)

Specifications

<table>
<thead>
<tr>
<th>Supply</th>
<th>12VDC / 20mA typ.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Input</td>
<td>DALI standard, &lt;2mA</td>
</tr>
<tr>
<td>Output</td>
<td>0-10V analog source</td>
</tr>
<tr>
<td>Temperature</td>
<td>0°C ~ 50°C</td>
</tr>
<tr>
<td>Protective type</td>
<td>IP20</td>
</tr>
<tr>
<td>Dimension</td>
<td>56(L)x26(W)x10(H)</td>
</tr>
</tbody>
</table>

Dimensions [mm]

![Diagram]

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TEL: +82-1588-0502, www.solu-m.com
**Dimming**

- Logarithmic or Linear: 5% ~ 100%
- Output voltage 9V @ dimming max. (100%)
- Output voltage 0.8V @ dimming min. (5%)

![Dimming Voltage Graph]

**Connection description**

![Connection Diagram]

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