



SimpleLink Analog Signal Converter 0D411SB2

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Features

- Powered by DC 12V
- Isolated 0-10V converter
- 0-10V and 10V PWM selectable output
- Support Igniter Mode
- Max analog signal drawing – Draining 40mA, Sourcing 10mA
- Open detectable on analog lines
- DALI-2 dimming, IEC 62386 - 102
- Global safety compliant
- Suitable for home and office



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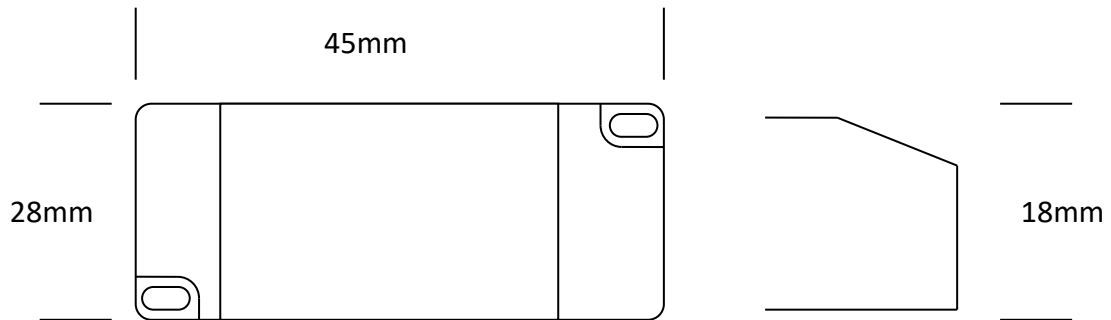
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2. Specification

Technical Data

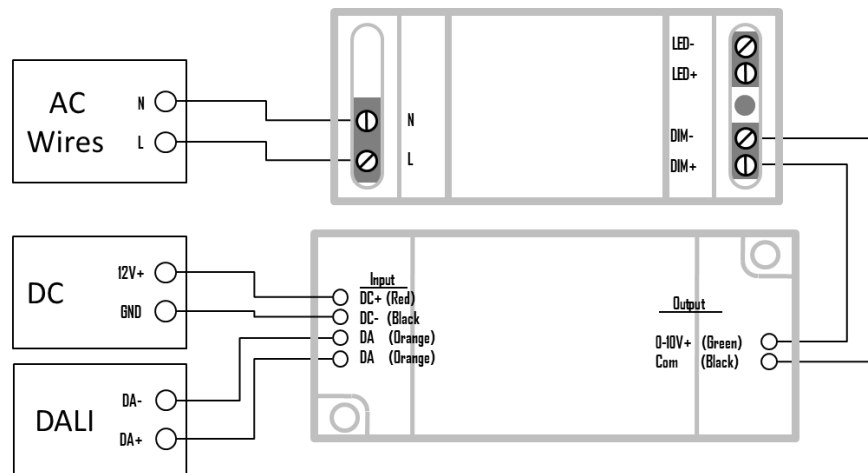
Model		AGD-0D411SB2
Output	Signal Type	0-10V
	Max Driving I	Draining 40 mA
	Max Sourcing I	Sourcing 10mA
Input	Voltage	DC 12V
	Current	6~50mA
Protection		0-10V Open Detection
Working Environment	Temperature	-30 ~ +40°C
	Humidity	20 ~ 95%
	Storage	-40 ~ 80°C, 10 ~ 95%
Dimming	DALI	IEC 62386 -102
	Dimming Mode	0-10V (10V PWM available)

Dimension



3. Installation

Wiring and circuit diagram



- Please select a correct model for open-drain or push-pull 0-10V/PWM converter. Open-Drain does not provide current source to 0-10V/PWM driver, and only poll low on signal wires. Push-pull converter will provide active source and poll the signal level to high.
- Wrong wiring of dry switch may cause damage to this device or controlled devices.

Hot plug-in

Hot plug-in is okay on DALI wires. For controlled devices, please refer to its datasheet for hot plug-in.

4. Others

Warning / Caution !!

- Risk of electrical shock and energy hazard. All failure should be examined by a qualified technician. Please do not remove the case of the device by yourself!
- The openings should be protected from foreign objects or dripping liquids.
- Never exceed the rated input and output voltage and current on the specifications.
- If the cases or terminal connector of this device is damaged, it shall be exclusively replaced by the manufacturer or his service agent or a similar qualified person in order to avoid a hazard.

- The DALI is designed as FELV circuit, its terminal shall connect to FELV circuit. Connecting to SELV will lower its isolation level to FELV.