Open Protcol Lighting Controls

casDMX

Casambi Enabled 8-Channel DMX Master

Created By **DMX** Engineering

Powered By **CASAMBI**

Features & Benefits:

• In Fixture Module

• Control 8 DMX Channels

• Allow control of any DMX fixture

• Wireless DMX

Product Description

casDMX is a Bluetooth controllable, Casambi enabled, eight channel DMX-512 master dimmer. It drives one DMX-512 universe, connecting to DMX enabled lighting devices and fixtures. The casDMX is connected between a 12-24 VDC Class 2 power supply and provides a non-isolated DMX-512 universe, relay output, and sensor input.

casDMX can control up to eight DMX channels (slots) making it an ideal partner for RGBW and tunable white (TW) applications. Multiple Casambi profiles allow for straight eight channel, straight four channel and Casambi color-picker compatible 4-channel control.

www.energiocontrols.com   sales@energiocontrols.com

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Specifications:

Technical Data

Input Voltage range: 12-24 VDC, Class 2 No-load input current: 30 mA

DMX-512 Input: 3-wire non-isolated DMX-512

Radio transceiver: Operating frequencies: 2.401-2.483 Ghz Maximum output power: typ. +0 dBm, +/-3dBm

Operating conditions: Ambient temperature, ta: -13...+113°F (-25...+45°C) Max. case temperature, tc: +167°F (+75°C) Storage temperature: -13...+167°F (-25...+75°C) Max. relative humidity: 0...80%, non-cond.

**Connectors:**   Wire range, solid & stranded: 0.5 - 1.5 mm2 14 - 22 AWG Wire strip length: .25" (6 - 7 mm) Tightening force: 0.4 Nm / 2.6 Lb-in

12-24VDC Class 2 Power Supply

INPUT 12-24 VDC, 30mA, Use Class 2 power supply

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Casambi enabled
8-Channel DMX

Relay output: 12-24 VDC max. 100ma

DMX+ — DMX+
DMX- — DMX-
RETURN — Ground
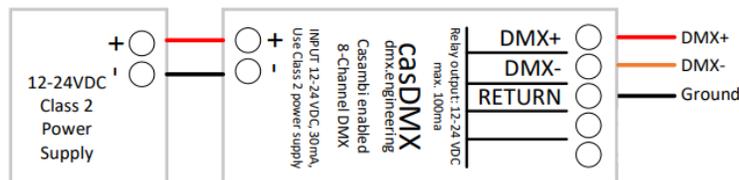
* The relay must be protected against inductive over voltage spikes, i.e. it must have a flyback diode. Do not connect a typical PCB relay without the diode.

Mechanical Data

Length 2.2 in
Width 1.2 in
Heigh 0.7 in

72.6
64.6
56.0
3.5
Tc*
15.0
15.0
30.0
18.0
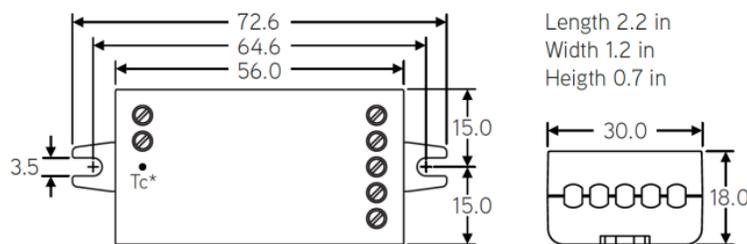
Dimensions are in mm.   * Tc point is on bottom side

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