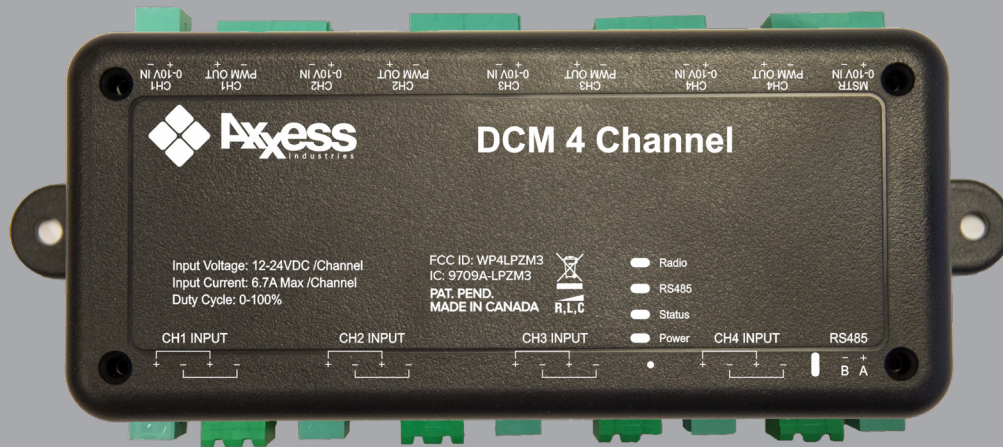


4 Channel Dimming Control Module (DCM4)



OVERVIEW

The DCM4 is a compact 4 channel LED driver, and a comprehensive solution to dimming a variety of low voltage lighting loads, such as LED strip lighting, MR16 LED spot lights, etc.

This device is ideal for installations that require smooth and consistent dimming capability of low voltage lighting.

It is capable of dimming LED loads from 0-100% duty cycle, with a maximum output power of 160 watts per channel. Each channel can have an independent power supply, or all 4 channels can be run off one power supply. (The 4 channels cannot be used for RGBW lighting)

The 4 channel DCM4 can be controlled via ZigBee Pro wireless or RS485 serial communication. Each channel also has a 0-10VDC input control. All control inputs can be applied channel by channel or as Master control for all channels. Pulse Width Modulation (PWM) frequency is at 1250 Hz for flicker-free dimming.



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INPUT

24VDC or 12VDC

Constant voltage for each channel

- 60W limit at 12VDC for Class 2
- 100W limit at 24VDC for Class 2 application
- MAX 160W at 24VDC per Channel, not Class 2 compliant

OUTPUT

24VDC OR 12VDC via PWM at 1250Hz, flicker-free

DIMMING INPUT VIA:

ZigBee Pro Compatible

RS485

0-10 Analog Input

IR

Control4 Driver Downloadable

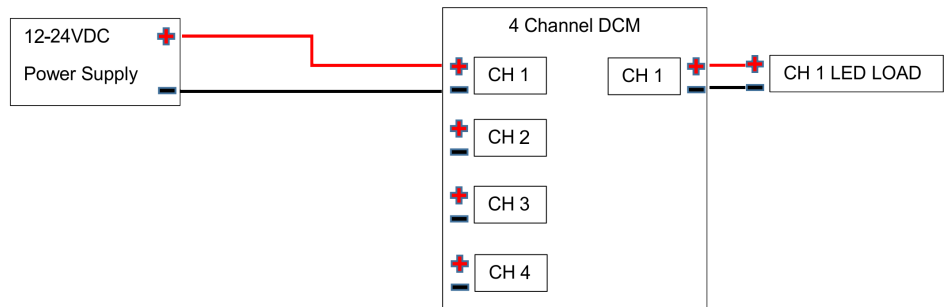
COMPLIANCE/

APPROVALS Listing to UL/
CSA in process

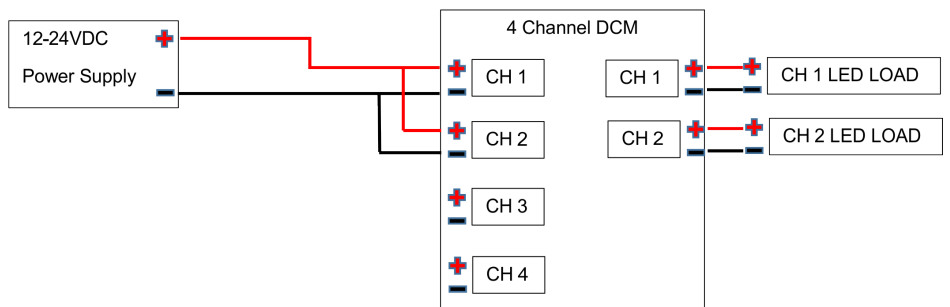
This will expand wattage to
160W per channel

Example Deployments

Single Channel Deployment



One Power Supply shared by multiple Channels



One Power Supply for each Channel

