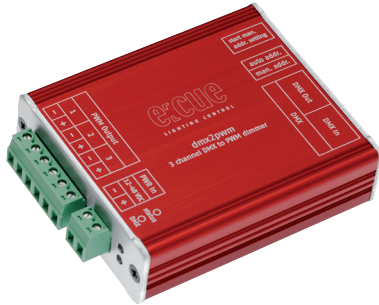


DMX2PWM 3CH



DMX2PWM 3Ch

The e:cue DMX2PWM LED dimmer is a 3 channel dimmer for use with constant voltage fixtures. The input voltage is variable from 12 ... 48 VDC and each output channel has a maximum output current of 2.5 A. Each output channel can be individually controlled via DMX, a DMX output allows chaining of multiple devices. The option to either manually or automatically address the dimmer on a DMX channel provides a simple solution for small to complex control scenarios. The reverse supply protection and self-resetting overcurrent protection avoid malfunction and damage caused by wrong connections. Two status LEDs show the status of the dimmer and the status of the incoming DMX signal. Power input and output are on screw terminals, that are also used for connecting the DMX inputs and outputs.

Main features

- LED dimming using pulse width modulation (PWM)
- For use with constant voltage fixtures
- Three outputs individually controllable via DMX
- Two user selectable DMX addressing modes: auto addressing or manual addressing
- Input voltage range: 12 ... 48 VDC
- Max. output current of 2.5 A per channel for 0 ... 50 °C ambient temperature
- Max. output current of 2.0 A per channel for 50 ... 60 °C ambient temperature
- DMX in/out
- Low side switching
- Reverse supply protection
- 14 bit PWM resolution
- Overcurrent protection (self resetting)
- Two status LEDs

Delivery scope

Item code

- | | |
|------------------------|-------------|
| • DMX2PWM 3ch | AA623900031 |
| • Welcome note | |
| • Screw terminal plugs | |
| • Screw driver | |

e:cue Interfaces

Lighting applications are heterogenous by nature. e:cue interfaces serve to integrate many networks, protocols and third party products into e:cue solutions. They also aid in applying special control functions for fixtures, they integrate analog or mechanical signaling into the digital world and offer bridging functions. e:cue interfaces are the links to bring together the many techniques and technologies of lighting control.

Technical data

Dimensions (W x H x D)	94 x 71.5 x 24 mm/ 3.66 x 2.81 x 0.94 inch
Weight	0.08 kg / 0.18 lbs
Power supply	12 ... 48 V DC (screw terminals)
Quiescent current (no load)	12 V: 35 mA 24 V: 21 mA 48 V: 15 mA
Max. output current	2.5 A per channel @ 0 ... 50 °C / 32 ... 122 °F ambient temperature 2.0 A per channel @ 50 ... 60 °C / 122 ... 140 °F ambient temperature
Operating temperature	0 ... 50 °C/32 ... 122 °F
Storage temperature	-20 ... 85 °C/-4 ... 185 °F
Electrical safety	SELV
Op./storage humidity	0 ... 90% non-condensing
Protection Class	IP20
Housing material	Aluminium
Certification	CE, ETL, UKCA

Interface specifications

Inputs	DMX512 (RJ45)
Outputs	DMX512 (RJ45) for chaining multiple devices 3 output channels (screw terminals) + connector: on input voltage - connector: low side PWM switch

Always select the power supply output voltage accordingly to your LED fixture input voltage!

- 12 V PSU for 12 V LED
- 24 V PSU for 24 V LED
- 48 V PSU for 48 V LED



Conforms to ANSi/UL Std. 60950-1
Certified to CSA Std. C22.2 No. 60950-1

DMX2PWM 3CH

Dimensions

All dimensions in mm/inch

