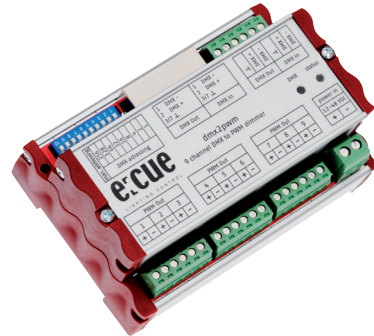


## e:cue Interfaces

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.



## DMX2PWM 9Ch

DMX2PWM Dimmers are used to control low-voltage LED fixtures by a DMX controller. Using PWM (Pulse-Width Modulation) technique they are designed for use with constant voltage LEDs with a maximum output current of 2A per channel. The DMX signal is also amplified through DMX2PWM Dimmers for convenient daisy-chaining in projects where one DMX input signal must be distributed among several of these devices.

DMX2PWM Dimmers' flexibility makes installations easy with auto and manual DMX addressing modes and the option of using an RJ45 connector or loose wire for DMX connection. The reverse supply protection and self-resetting over-current protection ensure against possible damage due to incorrect wiring. This version is conveniently mountable inside equipment racks using standard 35 mm wide DIN rails.

## Main features

- LED dimming using pulse width modulation (PWM)
- For use with constant voltage fixtures
- 9 individually controllable PWM channels
- Manual address setting or auto-addressing selectable
- Input voltage range: 12 ... 48 VDC
- Max. output current of 2 A per channel
- Max. continuous input current: 14 A
- 14 bit PWM resolution
- Low side switching
- DMX in/out
- Reverse supply protection
- Overcurrent protection (self resetting)
- Two status LEDs
- DIN rail housing

## Delivery scope

- DMX2PWM 9ch  
Setup Manual

Item code  
AA623910135

## Technical data

Dimensions (W x H x D)	107 x 76 x 59 mm/ 4.21 x 2.99 x 2.32 inch
Weight	0.228 kg/0.5 lbs
Power	12 ... 48 V DC (screw term.)
Max. output current	2 A per channel
Max. input current at "power in"	14 A
Max. output load capacitance	1 µF
PWM frequency	488 Hz
Operating temperature	0 ... 50 °C/32 ... 122 °F
Storage temperature	-20 ... 80 °C/-4 ... 176 °F
Operating/storage humidity	0 ... 80% non-condensing
Protection class	IP20
Housing	Aluminium, plastic
Certifications	CE, ETL

## Interfaces

Input	DMX512 (RJ45 or screw terminals)
Outputs	DMX512 (RJ45 or screw terminals) for chaining multiple devices 9 output channels (screw terminals): + connector: identical to 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



Intertek

4000805

Conforms to ANSI/UL Std. 60950-1

Certified to CSA Std. C22.2 NO. 60950-1

## Dimensions

All dimensions in mm/inch

