

DMX512 decoder D4 to DIN, 4-channel, 12-24V DC

Product codes:

Reference: AM2974

EAN13: -

UPC: 94059900



Product features:

Voltage: 12-24 V DC

Output current: 20 A

Waterproof grade: IP22

Product attributes:

Product description:

DMX512 decoder D4 is a professional control unit designed for precise control of LED strips and LED luminaires in systems controlled by the DMX512 protocol. It offers four output channels, high PWM resolution, a digital display for easy configuration and supports RGB, RGBW and single-color LED strips. Thanks to its DIN rail mounting, it is ideal for distribution cabinets, architectural installations and stage lighting.

Technical specifications

- Model: D4
 - Control protocol: DMX512
 - Supply voltage: 12-24 V DC
 - Number of output channels: 4
 - Output current: 4 × 5 A (total max. 20 A)
 - Maximum power: 4 × 60 W at 12 V DC / 4 × 120 W at 24 V DC
 - Output type: constant voltage
 - PWM frequency: 500 / 1000 / 2000 / 4000 / 8000 / 16000 Hz (optional)
 - Dimming resolution: 8bit (256 levels) / 16bit (65536 levels)
 - Dimming curve: linear or logarithmic
 - Display: digital LED display
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- Control: buttons on the device
- Mounting: DIN rail TS35
- Protection: IP20
- Operating temperature: –30 to +55 °C
- Maximum housing temperature: +75 °C
- Dimensions: 110 × 67 × 45 mm
- Weight: 130g

Functions and features

- Full compatibility with DMX512 standard
- Digital setting of DMX start address using buttons
- Support RDM communication between DMX controller and decoder
- Selectable number of DMX channels: 1 / 2 / 4
- Standalone operation mode without DMX signal
- Support for RGB, RGBW and single-color LED strips
- Automatic protection against overheating, overload and short circuit
- Automatic operation recovery after error removal

Ideal for

- Architectural and decorative LED lighting
- DMX controlled LED installation
- Theater and stage lighting
- Lighting for bars, clubs and commercial spaces
- Distribution board installations with DIN rail

Package contents

- 1× DMX512 decoder D4

Why choose this product?

- Reliable, high-performance DMX512 decoder
- Smooth dimming thanks to up to 16-bit resolution
- Flexible use for different types of LED strips
- Easy installation on DIN rail
- Comprehensive protection for long device life

Product gallery:



