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

Reference: AM2974
EAN13: -
HS code: 94059900

Product attributes:

Product features:

Voltage: 12-24 V DC
Output current: 20 A
Waterproof grade: IP22

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
- 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

GND	DMX output +
DMX input -	DMX output -
DMX input +	GND
	Digital display
	Setting key
Output LED +	Output Red LED -
Output LED +	Output Green LED -
Power Input -	Output White LED -
Power Input +	Output Blue LED -
	Installation rack