

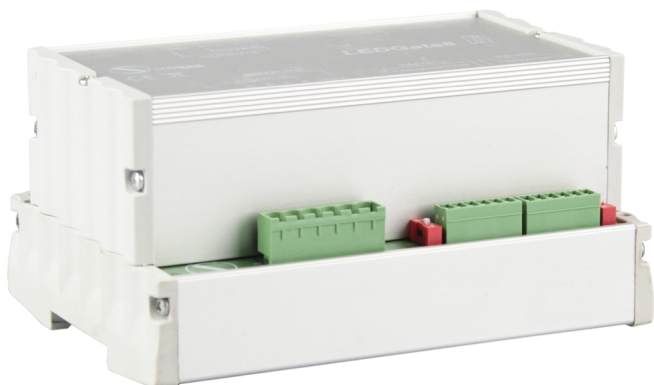
# DMX 512

Lighting Control Series

Version: 1.01  
Date of Issue: 10/01/17

## LEDGate DIN

Compact LED driver



LEDGate DIN is compact LED driver with DMX512/RS-485 input.

Powered from 12/24 VDC source, LEDGate is capable to control and dim 4 or 8 output lines for direct connection with LED equipment: duralight, driverless LED luminaires, etc, with independent short-circuit protection on each channel.

Thanks to innovative embedded algorithms, LEDGate provides a smooth, stepless regulation in full range of intensity.

## Key Features



Supports RDM



UltraStart



Galvanically Isolated Ports

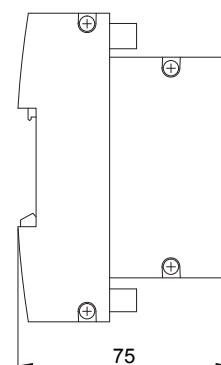
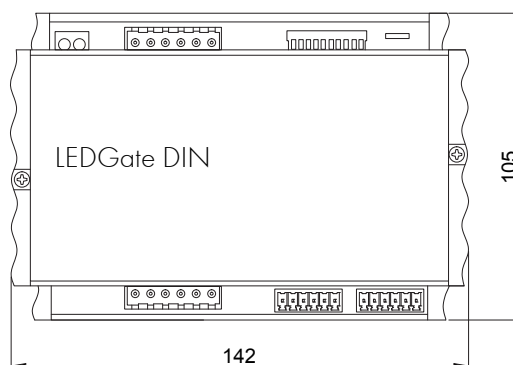


Natural Heat Convection



Permanent Laser Engraving

- Smooth light regulation
- Independent short-circuit protection on each channel
- Direct connection with LED equipment



## DIN series

Lightweight and compact DIN Series devices are the best choices for fixed cabinet-based installations with DIN rail mounting available. All the advantages of standard converters, designed in DIN cases. Spacesaving enclosures with resistant LaserText engraving. Natural heat convection. All ports are galvanically isolated. UltraStart Technology guarantees ready device in less than 3 seconds after power supply. 15EDGV Terminal Blocks provide ultrafast dismount opportunities (UltraLock).



**SUNDRAX**  
electronics  
lighter than ever



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### Technical Specifications

#### Mechanical

- Housing: DIN mounted case (8 modules)
- Material: Metal, Plastic
- Dimensions, mm: 142(D) x 105(H) x 75(W)
- Mass: 0.45 kg
- Mounting: Power cabinet

#### Power & Electrical

- Power supply: 12/24 VDC
- Max current per channel: 10 A
- Total current on outputs: 40 A
- Input Power (max): 1 kW

#### Environmental

- Operating Temperature: -40...+70°C
- Storage Temperature: -50...+80°C
- Operating Relative Humidity (max): 95%
- IP Rating: IP 20
- Certification: CE, RoHS
- Warranty: 36 Month (Return to base)

#### Control / Data Connections

- Control interface: DMX512
- Supported protocols: DMX512, RDM
- DMX data refresh rate: 44 Hz

#### Inputs / Outputs

- LED outputs: 4 or 8
- DMX512 interfaces: 1
- Additional port: RS-485
- DMX connectors: Terminal blocks 15EDGVC

#### Package Contents

- LEDGate DIN
- Connectors kit
- User guide

#### Configuration / Indication

- Setup: DIP switcher
- Indication: LEDs for DMX activity

### Product Line

Name	Modification	Product code
LED Gate DIN	4 LED outputs, 1 DMX input 8 LED outputs, 1 DMX input	LGD-1-D4LED LGD-1-D8LED



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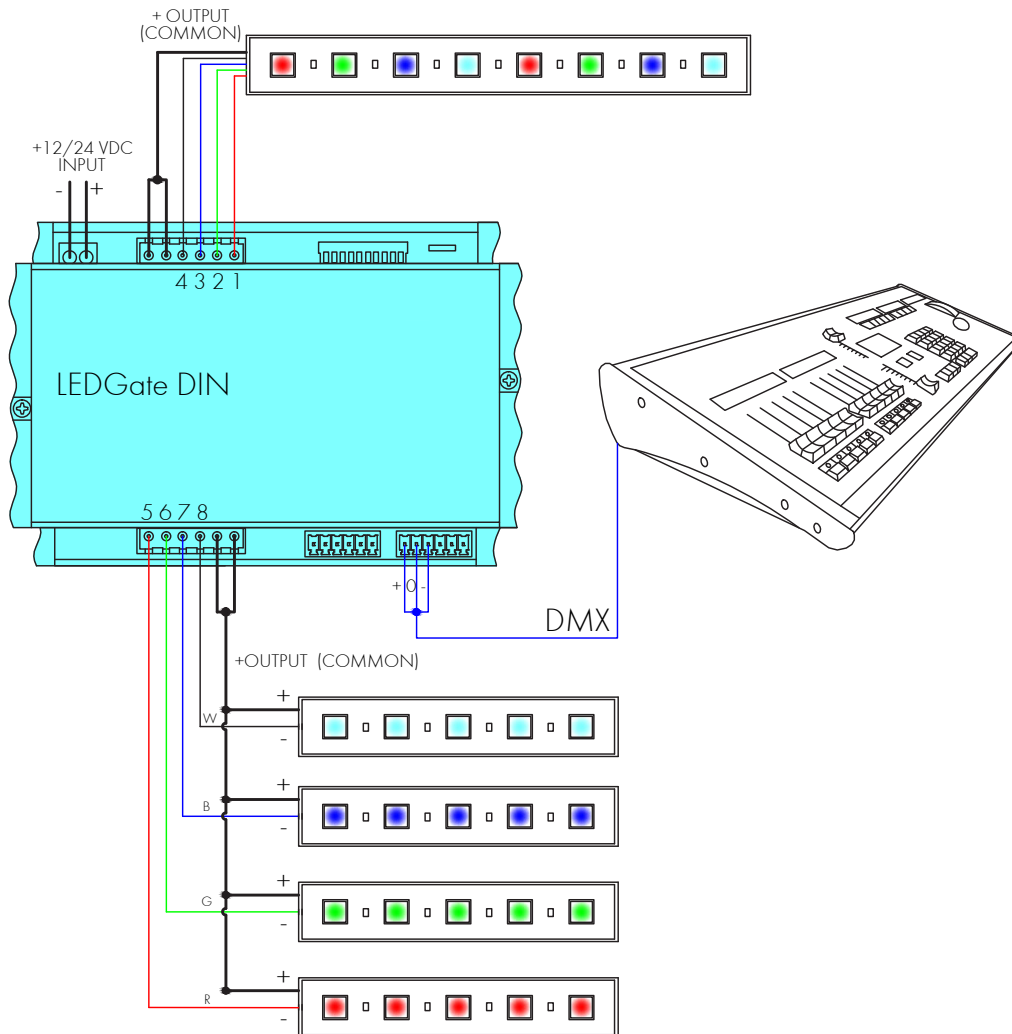
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### Connection Scheme



### Accessories

Name	Product code
DIN rail mounting kit	MCA-1-DIN
Waterproof box (IP65)	MCA-1-IP65

#### Disclaimer

To the best of our knowledge, the technical data contained herein is true and accurate at the date of issuance and is subject to change without prior notice. No liability accepted for errors or omissions. Always make sure to use the most recent release and contact Sundrax Electronics to verify correctness before placing your order.