

DMX 512

Lighting control Series

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DimGate DIN

8-channel DMX to AC/1-10V Hybrid Dimmer



DimGate DIN is hybrid DIN-rail dimmer that converts DMX512 signal into 4 independent 110-230 VAC outputs up to 1.2 kW each to handle dimming of incandescent lamps. Additional 4 separate 1-10V (or 0-10V) outputs are supplied to integrate devices with 1-10V dimming drivers and electronic ballasts into DMX controlled surroundings.

With DIN rail mounting hassle-free installation and DMX input, DimGate DIN is ideal as indoor solution for mixed lighting control purposes in theatres, small venues, architectural installations, industrial, warehouse, and agricultural lighting.

Key Features



Supports RDM



UltraStart



Galvanically Isolated Ports

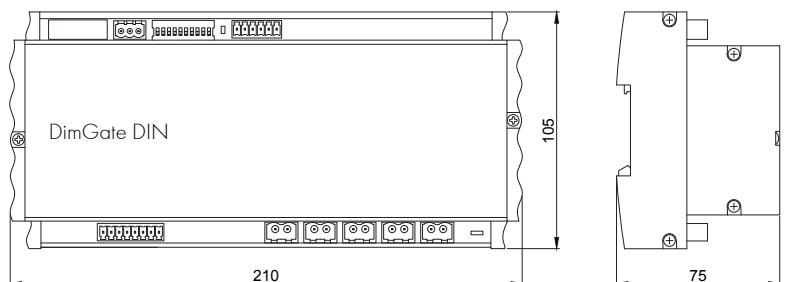


Natural Heat Convection



Permanent Laser Engraving

- Two-in-one dimming methods
- DIN rail mounting
- Independent phase inputs for dimmable channels 230V
- Active analog outputs 1-10V/0-10V, with up to 100 drivers/ballasts connection capability
- RDM support



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 (12 modules)
- Material: Metal, Plastic
- Dimensions, mm: 210(D) x 105(H) x 75(W)
- Mass: 0.85 kg
- Mounting: DIN rail in the power cabinet or individual waterproof box.

Power & Electrical

- Input Voltage: AC 90-230 V, 50 Hz
- Max current per channel 230 V: 5A
- Maximum load power: 1.2 kW per channel
- Mains Fuse: 0.5 A

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)

Inputs / Outputs

- Controllable output lines: 4 AC and 4 analogue 1-10V
- Connectors: Terminal blocks

Control / Data Connections

- Control interface: DMX512, RDM
- Number of DMX addresses: 8

Configuration / Indication

- Setup: DIP switchers, RDM
- Indication: DMX status LED

Package Contents

- DimGate DIN
- User guide
- Connectors kit

Product Line

| Name | Modification | Product code |
|-------------|--|----------------|
| DimGate DIN | 1 DMX input, 4 AC and 4 analogue 1-10V outputs | DGD-1-D4DIM4AC |



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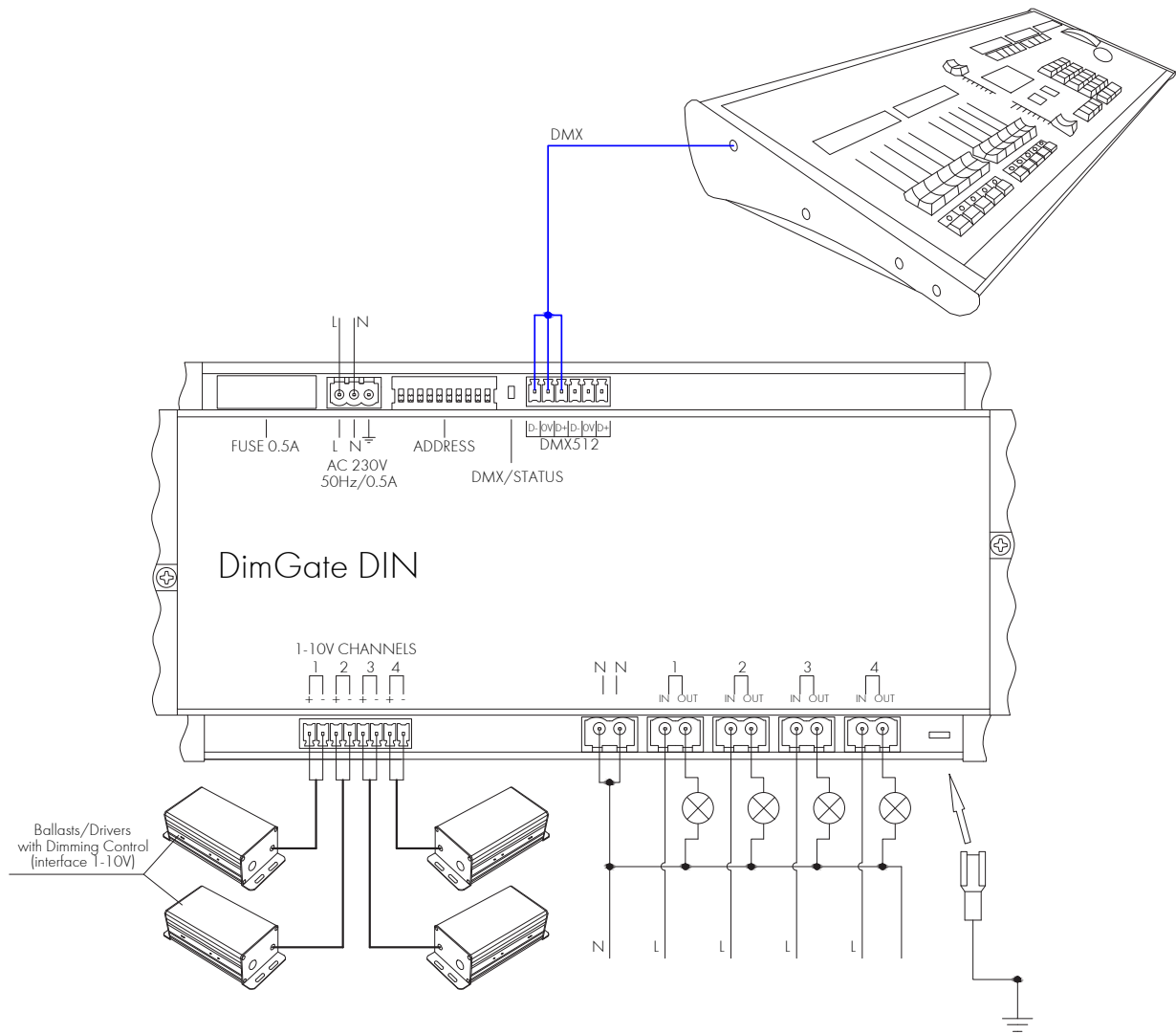
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Connection Scheme



Accessories

| Name | Product code |
|-----------------------|---------------|
| Waterproof box | QUL-C-AC-IP65 |
| DIN rail mounting kit | QUL-C-AC-DIN |

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.



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