

DS Series

DMX/RDM Decoder Specifications

Project _____

Date _____ Type _____



Description

DS series DMX512 decoders allow LED lights to be connected to and controlled with DMX/RDM systems. Digital display with simple controls makes it easy to control strip lights or other LED lamps. These offer preset standalone RGB modes or the ability to assign addresses for 3-4 channels (depending on model).

Construction

- DMX master and decoder mode with RDM function
- Converts DMX512 signals to single color, tunable white, or RGB LED strips and fixtures
- Standalone RGB mode with 30 dynamic programs
- Standalone dimmer mode
- Digital display for easy navigation and programming
- -22°-131° F (-30°-55° C) operating temperature
- IP20 environmental rating

Electrical

- 1-3 channel (DS-DMX36) or 1-4 channel (DS-DMX45) configurations
- Terminal block connection for DMX signal in and out
- 12-24 VDC input/output
- Max output current of 6 A per channel (DS-DMX36, 18 A total) or 5 A per channel (DS-DMX45, 20 A total)
- PWM frequency can be set to 500 Hz or 2 kHz
- Overheat, overload, and short circuit protection

Warranty

Five (5) Year Warranty

Certifications and Compliances

These DMX/RDM decoders are CE compliant.

Available Models¹

3-Channel

DS-DMX36

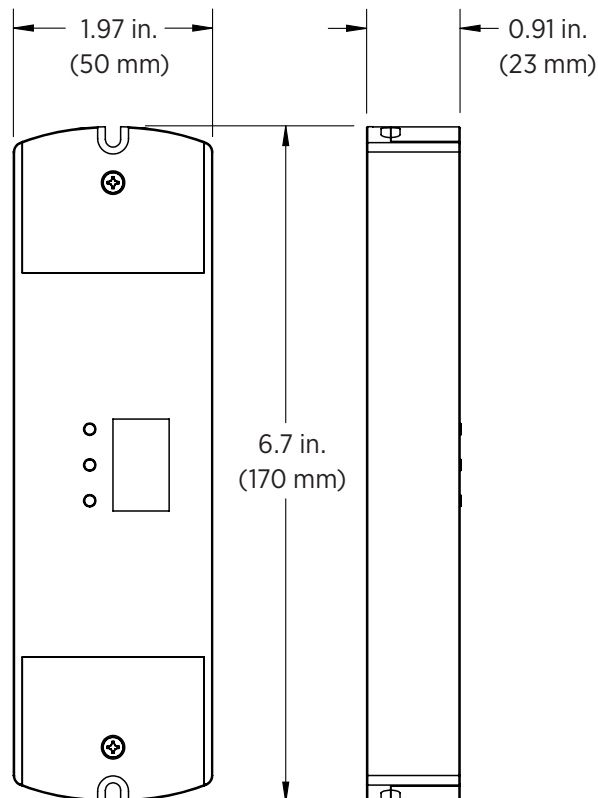
4-Channel

DS-DMX45

Specifications

| Model | DS-DMX36 | DS-DMX45 |
|-------------------------------|---|---|
| Input Voltage | 12-24 VDC | |
| Max. Input Current | 18.5 A | 20.5 A |
| Max. Output Current | 6 A (per channel) | 5 A (per channel) |
| Max. Output Wattage | 72-144 W (per channel, varies by voltage) | 60-120 W (per channel, varies by voltage) |
| Output Channels | 3 | 4 |
| Connection Type | screw terminal | |
| IP Rating | IP20 | |
| Ambient Operating Temperature | -22°-131° F (-30°-55° C) | |

Dimensions



¹Contact customer service if interested in options other than those listed.

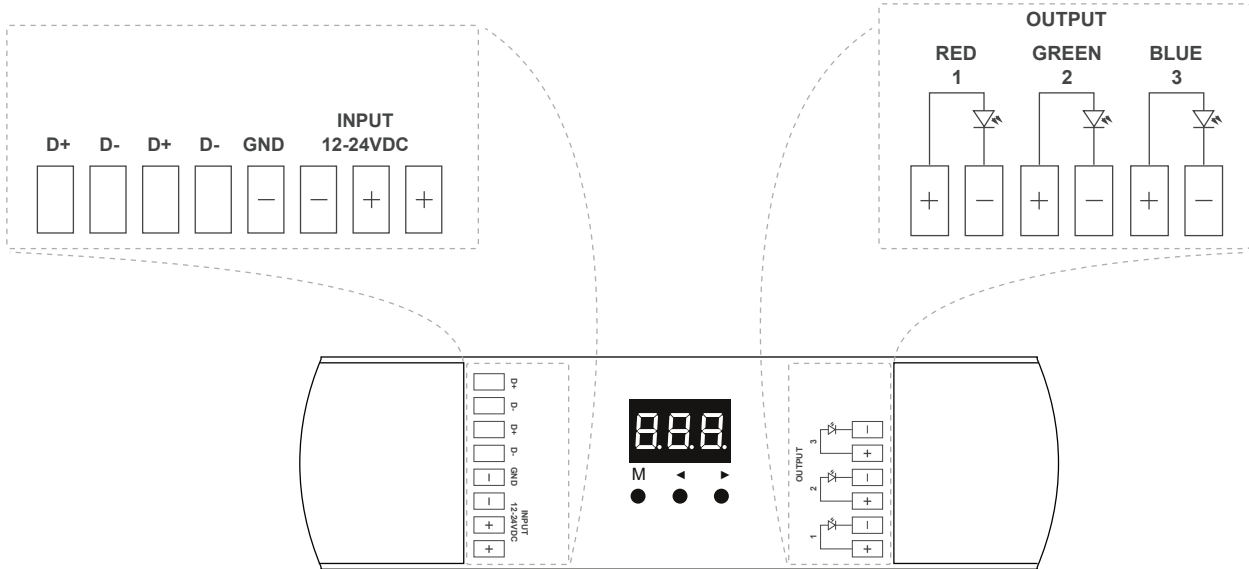


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Wiring Connection Diagrams

DS-DMX36



DS-DMX45

