



LIGHTRONICS IDW206 DMX Optical Isolator Instruction Manual

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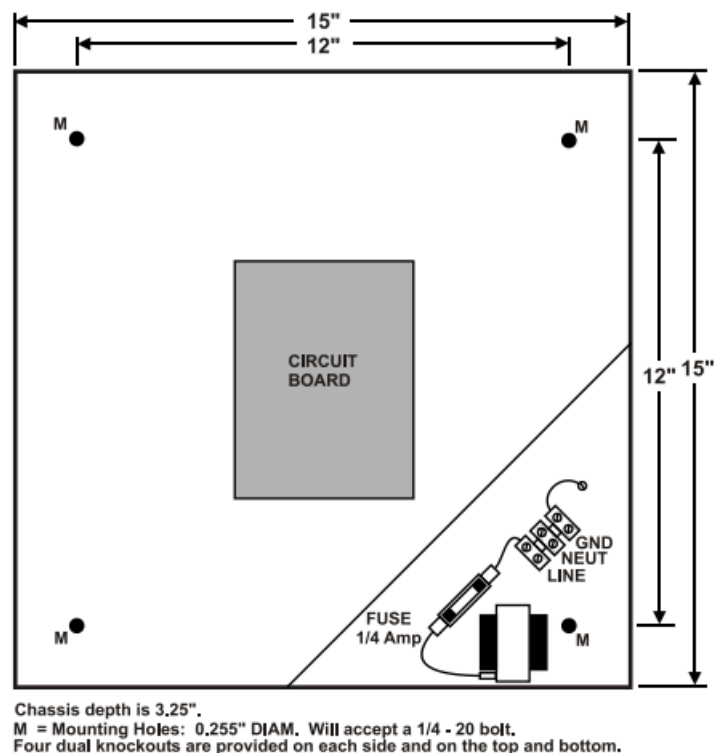
LIGHTRONICS IDW206 DMX Optical Isolator



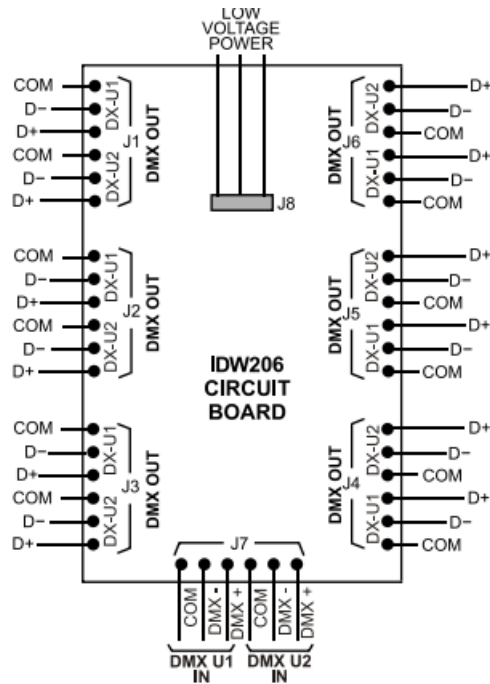
DESCRIPTION

- The IDW206 is an optically isolated DMX splitter for two DMX universes. Each universe has six independent DMX output circuits.
- Each DMX input is overcurrent and overvoltage protected in each of the three DMX lines (Data-, Data+, and Common).
- Each of the twelve DMX output circuits also have overcurrent and overvoltage protection in each of the three DMX lines (Data-, Data+, and Common).
- The unit is supplied in a wall mount metal box with appropriate mounting holes. Knockouts are provided for power and signal access.
- The IDW206 is intended for INDOOR USE ONLY.
- DMX IN and DMX OUT connections are push on connectors with screw down terminals.
- The unit's dimensions are 15"W x 15"H x 3.25"D.
- The unit weight is 9 lbs.

IDW206 FA CE VIEW (Cover



IDW206 INTERNAL CIRCUIT BOARD



INSTALLATION

WARNING: RISK OF ELECTRIC SHOCK

WARNING: RISK OF FIRE

REMOVE ALL POWER FROM THE UNIT BEFORE MAKING OR CHANGING ANY CONNECTIONS

POWER SUPPLY

The IDW206 operates from 120 VAC, 60Hz power and has a 1/4 Amp fuse. Power should be connected to the 3 pole terminal strip as shown in the diagram IDW206 FACE VIEW. www.lightronics.com

SIGNAL CONNECTIONS

All DMX input and output connections are made directly on the circuit board.

Six push on connectors with screw down terminals are provided for the DMX outputs. There are two DMX output signals on each connector, one for each universe. Each DMX output signal consists of 3 connector terminals (COM, D-, D+). The diagram IDW206 INTERNAL CIRCUIT BOARD above shows all signal connections.

OPERATION

- Operation is automatic when power is applied, and a DMX input signal is connected.
- The circuit board contains a RED LED indicator which is on when power is applied.
- A GREEN LED indicator for each universe is on when its DMX input signal is present.

MAINTENANCE

FUSE REPLACEMENT

WARNING: RISK OF ELECTRIC SHOCK

WARNING: RISK OF FIRE

REMOVE ALL POWER FROM THE UNIT BEFORE HANDLING OR REPLACING THE FUSE

The fuse is shown in the IDW206 FACE VIEW diagram. Replace the fuse ONLY with a 1/4 Amp, 250V, Fast

Acting Fuse. The fuse is 1 1/4" long and 1/4" diameter.

OTHER USER MAINTENANCE

There are no other user serviceable parts in the unit. Internal service on the unit by other than Lightronics authorized agents will void the warranty.

Dealer and Lightronics factory personnel can help you with operation or maintenance problems. Please read the applicable parts of this manual before calling for assistance.

If service is required – contact the dealer from whom you purchased the unit or contact Lightronics, Service Department, 509 Central Drive, Virginia Beach, VA 23454

WARRANTY

WARRANTY INFORMATION AND REGISTRATION – CLICK LINK BELOW:

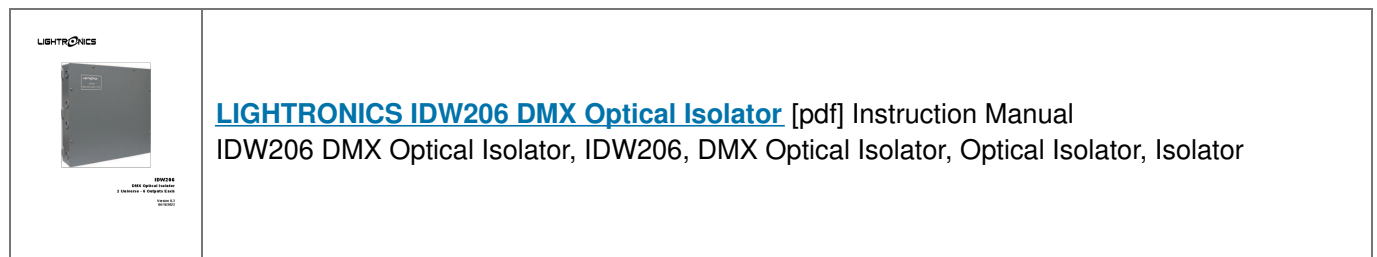
www.lightronics.com/warranty.html

www.lightronics.com

509 Central Drive, Virginia Beach, VA 23454

757 486 3588

Documents / Resources



References

- [Lightronics - Complete Lighting and Control Systems](#)
- [Lightronics Lighting Control Product Warranty Information](#)