Digital Lighting Systems www.digitallighting.com

PROTOCL DIMMING SYSTEM

Four Channel PROTOCOL to PWM Module - Page 1

INTO4-DMX PCB Legend

- Microprocessor. 1
- 2 Nonvolatile Memory. (Not used with this model)
- 3 Communications Chip.
- 4 Quartz Crystal.
- 5 Power Supply Capacitor.
- 6 Voltage Regulator.
- 7 Signal & Power Connector.
- 8 Output LED Monitors.
- 9 Jumper for over 256 addresses
- S1-S2 Address Selectors.

Overall Dimensions:

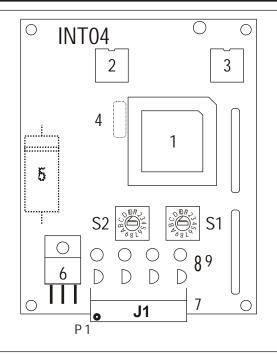
MOUNTING: O.C. dimensions:

Length: 3.20"

Width : 2.50" Length: 3.80"

Width: 2.80" PC Board Mounts with 4 # 4-

40 screws.



General features:

Depth : 1.00"

The INTO4 is a 4 Channel <u>PROTOCOL</u> to Pulse width modulation firing card. It can trigger Digital Lighting Dimmer packs, Solid State Relays or any Thyristor via an additional optical coupler. It can retain the last Data sent even after PROTOCOL signal stops and has a built in DC components eliminator to protect inductive loads. Perfect for retrofitting existing Analog dimmers.

Technical DATA:

Minimum

INPUT SIGNAL

Standard DMX512

Maximum

OUTPUT SIGNALS

4x 80 mA sinking @ 5 Volts

SUPPLY VOLTAGE: 7.50 VAC

13 VAC

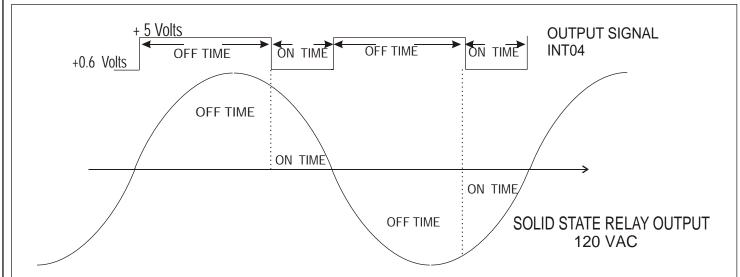
OUTPUT LOW (ON) :

+ 0.6 Volts at 10 MA

SUPPLY CURRENT: 60 MA

400 MA

OUTPUT HIGH (**OFF**): +5 Volts



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TYPICAL RETROFIT FOR UP TO 4 DIMMERS ON SAME PHASE

