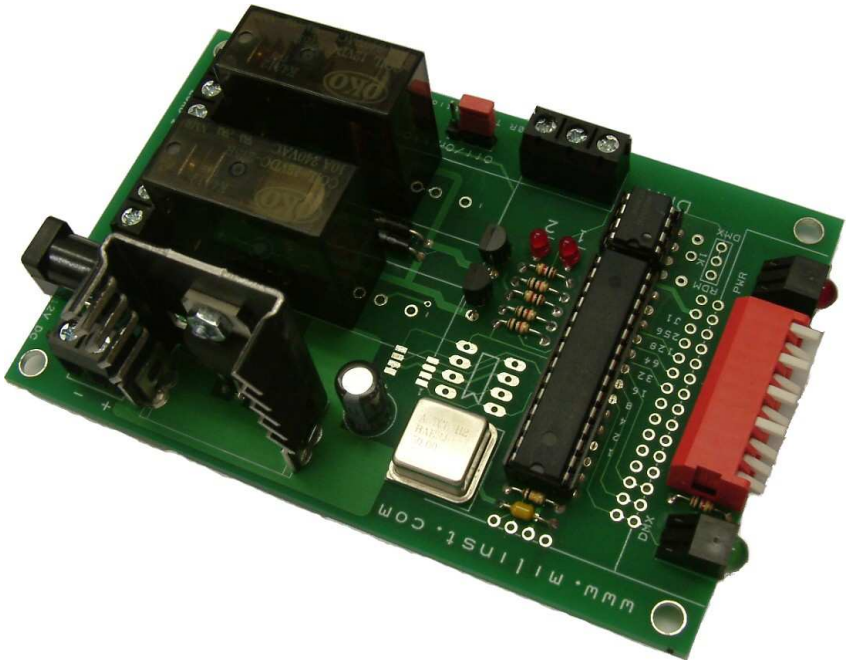
Rev 1.3 28/07/2012

Dual DMX-Switch PRO



Overview
A dual channel DMX switch for switching loads up to 10A at 240V AC.
The DMX-switch operates on the standard DMX512 network and requires 2 channels for operation. The address may be set between 1 and 511.
Standard board fitted with two 10A/240V AC mechanical relays.
The dual DMX switch can also be supplied for 24Vdc operation with mechanical or solid-state relays P.O.A.

Connections
DMX: 3-pin screw terminal connection for input/output, 120R termination resistor
Loads: Twin 3-way terminal blocks
Power Supply: 12V at 500mA via 2.1mm socket (centre positive) or 2 way terminal block.

Settings
Base address
Set the required base address using the DIP switches 1 through 9. Add-up the values where the switch is set to the on position. The base address is read continuously.

Relay status JP1 OFF
Indicator Leds show the state of each relay DMX value <87% 224 Off / > 87% 223 On

JP1 ON
When set to the ON position, relays are interconnected and operate from the base channel address as follows

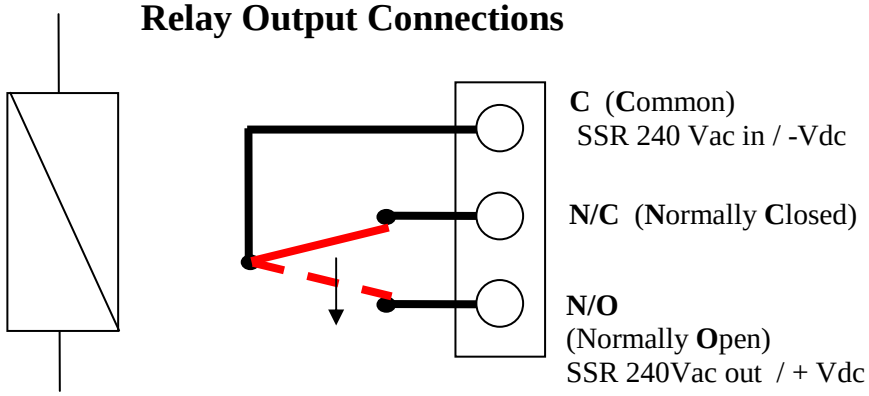
DMX Data Value	Relay 1 Status	Relay 2 Status
Less than 80/32%	ON	OFF
Between 80 and 160/ 32-62%	OFF	OFF
Greater than 160/62%	OFF	ON

Power Led
Lit when power supply is connected.

DMX Led
Lit when valid DMX signal is being received flashes when no signal is being received.

PCB Size
109 x 77 x 30mm high 4mm mounting holes @ 101mm x 63.5mm

Relay Output Connections



N.B. when using Solid State DC relays the load N/O terminal must be positive with respect to the Com terminal.