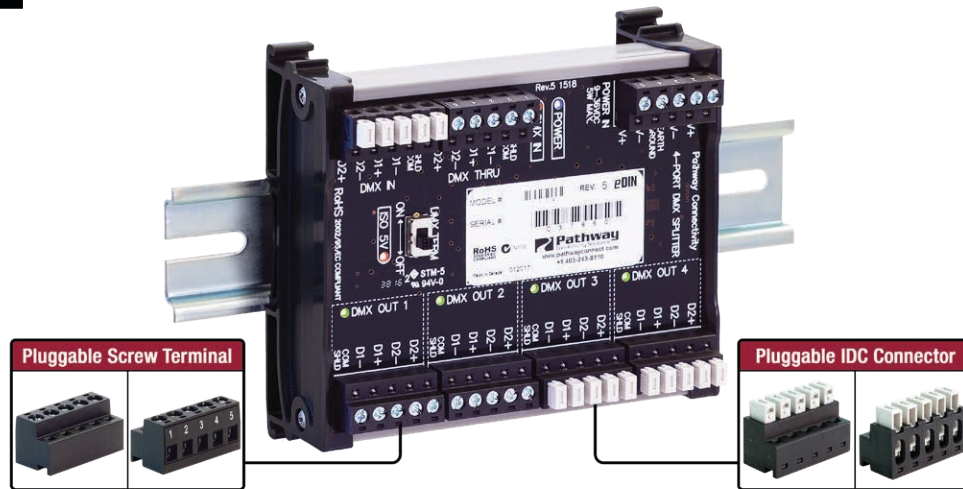


## DMX REPEATER, 4-WAY, eDIN

# #1002



## PRODUCT OVERVIEW

An essential part of any permanent DMX512 distribution system, the DIN-rail mountable eDIN #1002 enables "star" wiring configurations of DMX512 data lines.

Each buffered output is isolated from the DMX input and protects all connected end-devices from harmful electrical faults and ground loops.

## SPECIFICATIONS

- 1000V opto-isolation between DMX ports
- 250V fault protection on DMX ports
- Input operating voltage: 9-30 VDC
- 5W power consumption
- Operating Conditions: 14°F-104°F (-10°C to 40°C); 10-90% relative humidity, non-condensing

## FEATURES

- One DMX512 input
- Four buffered DMX512 outputs
- One passive DMX512 thru connector
- Pluggable screw terminal connector block for power IN and THRU
- Two sets of pluggable terminal blocks for all DMX512 connections to support both shielded twisted pair and CAT5/6
- Power and data easily daisy-chained between modules
- DMX IN indicator
- DC power input indicator
- ISO 5V indicator
- Termination switch
- No fuses - self-resetting port protection recovers from voltage faults

## STANDARDS COMPLIANCE

- ANSI E1.11 DMX512-A(2008)/USITT DMX512(1990)
- RoHS 2011/65/EU
- CE
- Class 2 Low Voltage

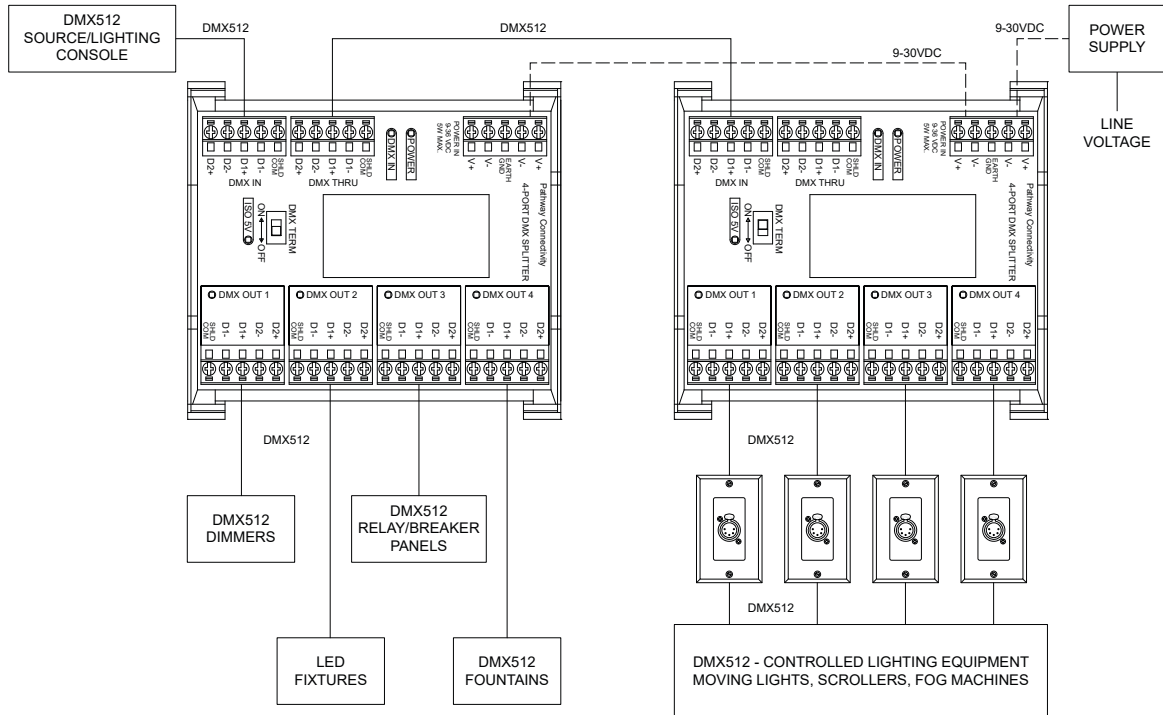
## WEIGHTS AND DIMENSIONS

- 0.5 lbs (0.26 kg)
- 4.5"W x 4"H x 1.5"D (113mm x 103mm x 38mm)

## INCLUDED FURNISHINGS

- DIN tray (housing) with end caps
- 11" (280mm) x 35mm DIN rail
- Installation/Operations manual

## APPLICATION RISER



DMX512  
PINOUT:  
FOR SHIELDED  
TWISTED PAIR

XLR PIN #	PURPOSE
1	Shield
2	Data - (complement)
3	Data + (true)
4	Not Used
5	Not Used

DMX512 PINOUT:  
FOR CAT 5/6

XLR PIN #	CAT5/6 Pin # and Color	PURPOSE
3	1 - White/Orange	Data 1 + (true)
2	2 - Orange	Data 1 - (complement)
5	3 - White/Green	Not Used
4	6 - Green	Not Used
-	4 - Blue	Not Used - do not connect
-	5 - White/Blue	Not Used - do not connect
1	7 - White/Brown	Shield/COM
1	8 - Brown	Shield/COM

## ORDERING INFORMATION

PART #	DESCRIPTION
1002	DMX Repeater, 4-way, eDIN, Isolated Inputs
<b>ACCESSORIES</b>	
1001-050-24-DIN	50 Watt, 24VDC Power Supply, eDIN
1103	eDIN Rack Mount Panel, 2RU high, two 16.5" DIN Rail
1105	eDIN System Enclosure 10" x 13" x 4.5" c/w One 9" Vertical DIN Rail
1106	eDIN System Enclosure 10" x 23" x 4.5" c/w One 19" Vertical DIN Rail
1107	eDIN System Enclosure 10" x 23" x 4.5" c/w Three 9" Horizontal DIN Rail
1108	eDIN System Enclosure 10" x 13" x 4.5" c/w Two 9" Horizontal DIN Rail
1109	Expanded eDIN System Enclosure 18.5" x 31.5" x 6.5" c/w Three 24" Vertical DIN Rail, One 18" DIN Rail in Class 1 section, two 3-gang knockouts in removable door