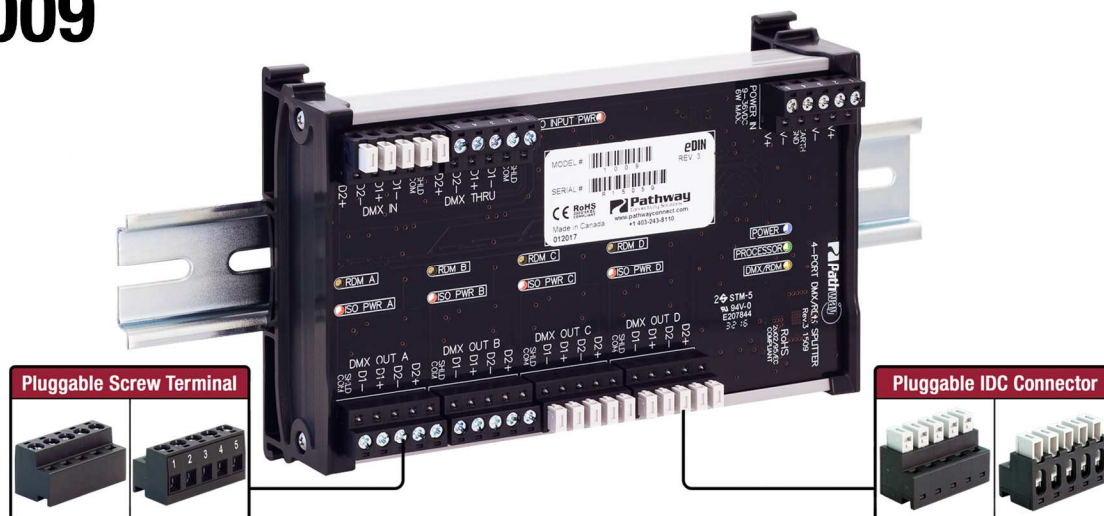


eDIN 4-WAY DMX512/RDM OPTO-SPLITTER

#1009



PRODUCT OVERVIEW

The eDIN #1009 is a DIN-rail mountable four-way opto-splitter that supports the bi-directional communication standard E1.20 Remote Device Management (“RDM”), as well as DMX512. Used in installations that require ‘star’ wiring configurations, all output ports are separate electrical entities, fully opto-isolated and independently protected against fault voltages.

FEATURES

- One DMX512 input
- Four fully isolated DMX512/RDM bi-directional output ports
- One active DMX512/RDM bi-directional thru port
- Pluggable screw terminal connector block for power IN and OUT
- Two sets of pluggable terminal blocks for all DMX512/RDM 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
- Auto-termination of DMX THRU
- No fuses - self-resetting port protection recovers from voltage faults

SPECIFICATIONS

- 1500V opto-isolation between input and output ports
- 250V fault protection on input and output ports
- Input operating voltage: 9-30 VDC
- 6W power consumption
- Operating conditions: -10 to + 50°C; 10-90% relative humidity, non-condensing

STANDARDS COMPLIANCE

- ANSI E1.11 DMX512-A(2008)/USITT DMX512(1990)
- ANSI E1.20 RDM(2010) - Remote Device Management
- CE/FCC
- RoHS 2002/95/EC
- Class 2 Low Voltage

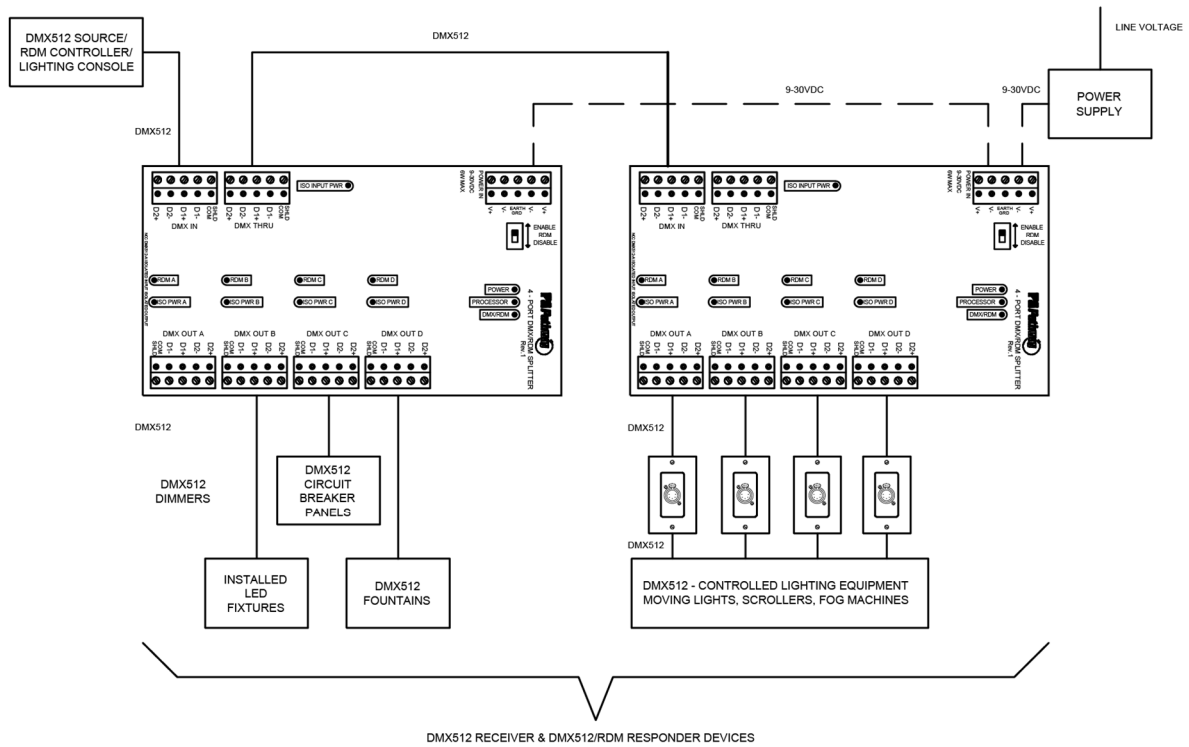
WEIGHTS AND DIMENSIONS

- 0.70 lbs (0.316 kg)
- 3.6”W x 6.25”L x 1.5”H (91mm x 160mm x 38mm)

INCLUDED FURNISHINGS

- DIN tray (housing) with end caps
- 12” (300mm) x 35mm DIN rail
- Installation/Operations manual

APPLICATION RISER



DMX512/RDM PINOUT : FOR SHIELDED TWISTED PAIR	XLR PIN #	PURPOSE
	1	Shield
	2	Data - (complement)
	3	Data + (true)
	4	Data - (pair 2 complement)
	5	Data + (pair 2 true)

DMX512/RDM PINOUT : FOR CAT 5/6	XLR PIN #	Cat5/6 Color and Pin #	PURPOSE
	3	1 - White/Orange	Data 1 + (true)
	2	2 - Orange	Data 1 - (complement)
	5	3 - White Green	Data 2 + (true)
	4	6 - Green	Data 2 - (complement)
	-	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
1009	eDIN DMX512/RDM Opto-Splitter, 1 in/4 out
ACCESSORIES	
1001-30	24VDC - 30W DIN-mountable power supply
1103	Rack-mount panel Kit (2RU) with two 16.5" (420mm) sections of DIN rail
1105	Small eDIN System Enclosure (NEMA1) with 9.5" (240mm) of vertical DIN rail
1106	Large eDIN System Enclosure (NEMA1) with 19.5" (495mm) of vertical DIN rail
1107	Large eDIN System Enclosure (NEMA1) with three horizontal 9.5" (240mm) horizontal DIN rail
1108	Small eDIN System Enclosure (NEMA1) with two horizontal 9.5" (240mm) DIN rail
1109	Expanded eDIN System Enclosure (NEMA1) with three vertical 24" (610mm) DIN rail