



Rail-Split extreme

Category

A) DMX Splitters & Wireless DMX

Description

Serial nos. 151 upwards.

6 port DMX512 splitter/fixer, housed in a DIN Rail Enclosure, with support for RDM and high level protection.

Mechanical

- Housing: DIN Rail Case
- Material: Lexan Plastic - UL94-V0 rated
- Overall Dimensions: 88mm (W) x 90mm (H) x 62mm (D)
- Mass: 0.2kg
- Mounting: 35mm DIN Rail or Surface Mount
- Country of Manufacture: United Kingdom

Power & Electrical

- Input Voltage: 9-48 VDC
- Input Connector: (1) 2-pin screw terminal
- Input Power (max): 8W
- Duty Cycle: 100% @ 25°C
- DC fuse: internal resettable fuse for control electronics

Environmental

- Operating Temperature: 0°C to 40°C
- Storage Temperature: -10°C to +50°C
- Operating Relative Humidity (max): 80% Non-Condensing
- IP Rating: IP20 Indoor Use Only
- Certification: CE FCC, WEEE, RoHS
- Warranty: 2 Year (Return to Base)

LED Indication

- Power / DMX / RDM



Control / Data Connections

- Control: 6 Port DMX / RDM Splitter & Fixer
- Input Protocols: DMX512, DMX512(1990), DMX512-A, RDM V1.0 (E1.20 - 2006 ESTA Standard)
- Output Protocols: Same as input
- Input connector: (1) 3-pin screw terminal
- Loop-through connector: (1) 3-pin screw terminal
- Output Connector: (6) 3-pin screw terminal

DMX512 Input/Outputs

- Input & Loop mode: Optically isolated
- Input & Loop isolation: 1 kV
- Output mode: ground referenced
- Electrocutation protection: Input, Loop and all outputs protected against continuous connection to 425 VAC (self-healing)
- Surge protection devices (Input, Loop and all outputs): GDT (gas discharge tube) conforming to IEC61643-311 (sacrificial)
- Surge protection max Impulse Discharge Current: IDC 30,000A (8/20uS) - 1 operation; IDC 20,000A (8/20uS) - 10 operations; IDC 20A (10/1000uS) - 1500 operations

Package Contents

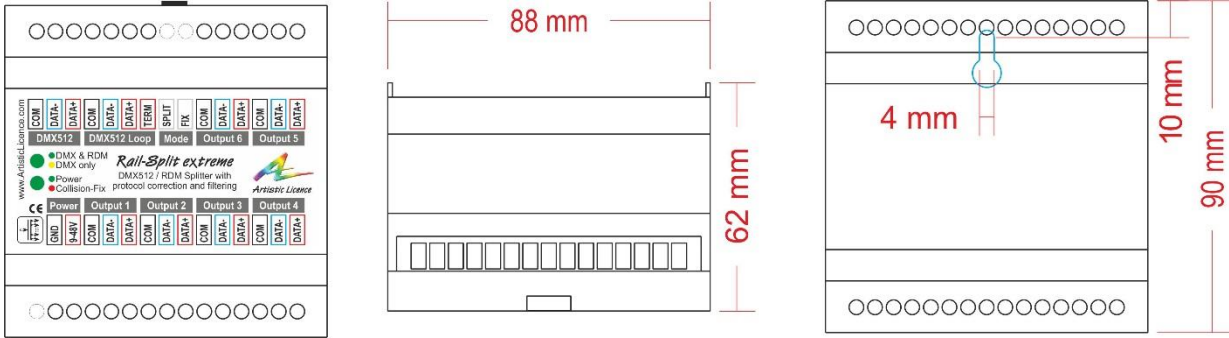
- Rail-Split extreme
- User Guide

Ordering Info

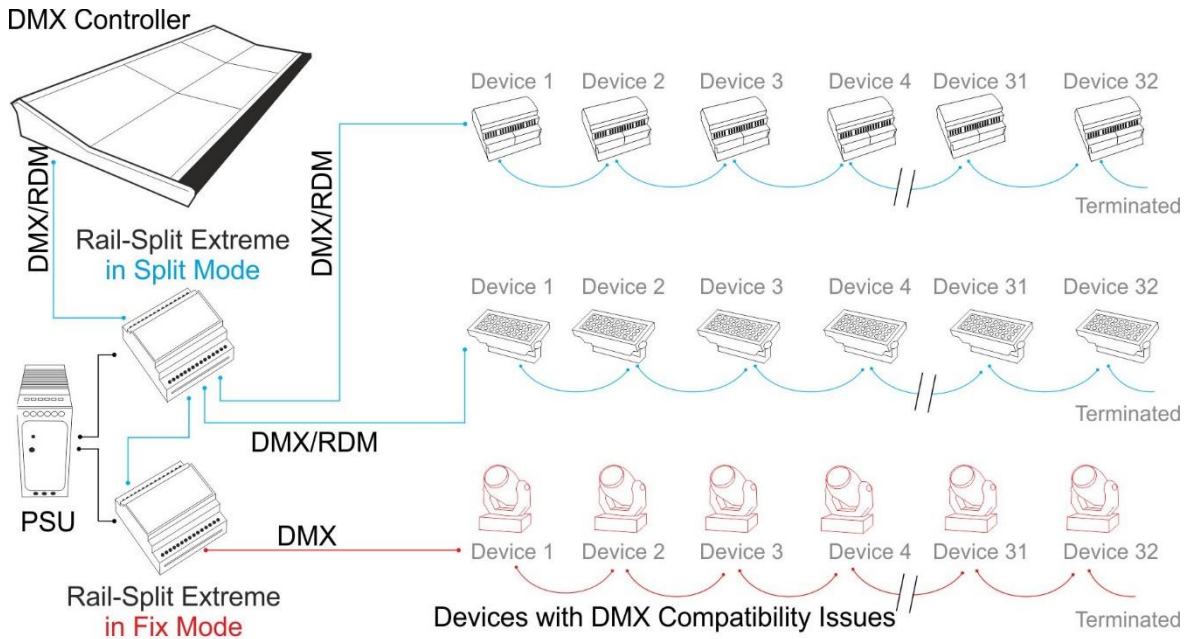
Product Code: Rail-Split extreme
Accessories (not included): PSU-9-1.5-FER



Mounting Drawing



Application Drawing



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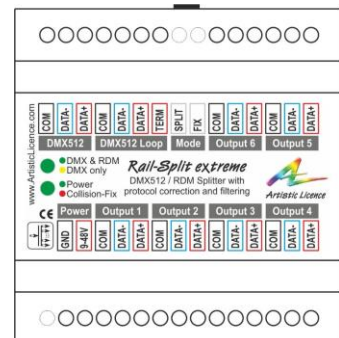
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All products are covered from date of purchase by a two-year return to base warranty.

Due to our policy of continuing product improvement, specifications are subject to change without notice.



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