

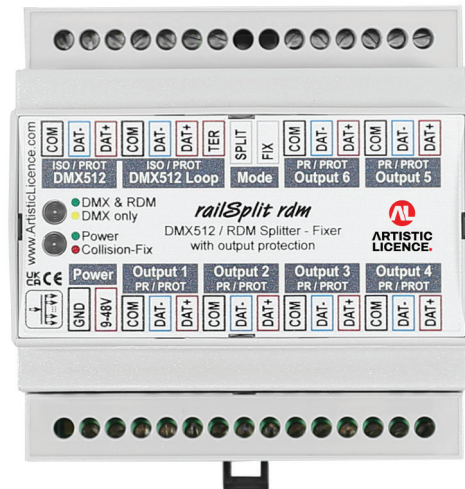
railSplit RDM

Description

railSplit RDM is a DIN Rail mounted, 6 output, DMX512 splitter providing DMX and RDM distribution in a compact, installation friendly format.

With an optically isolated DMX512 input and 6 buffered outputs, railSplit RDM is a robust and reliable choice for any fixed installation environment. The product also offers high levels of electrical protection. It can survive mains electrocution of up to 425 VAC continuous connection on the input, loop and outputs

railSplit RDM supports the RDM (Remote Device Management) Standard. RDM allows bidirectional communication over the DMX cable.



Mechanical

- Mounting: DIN rail (35 mm) or surface
- Material: Polycarbonate Plastic - UL94-V0 rated
- Overall Dimensions: 88mm / 5M (W) x 90mm (H) x 62mm (D)
- Mass: 0.2 kg

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, WEEE, RoHS

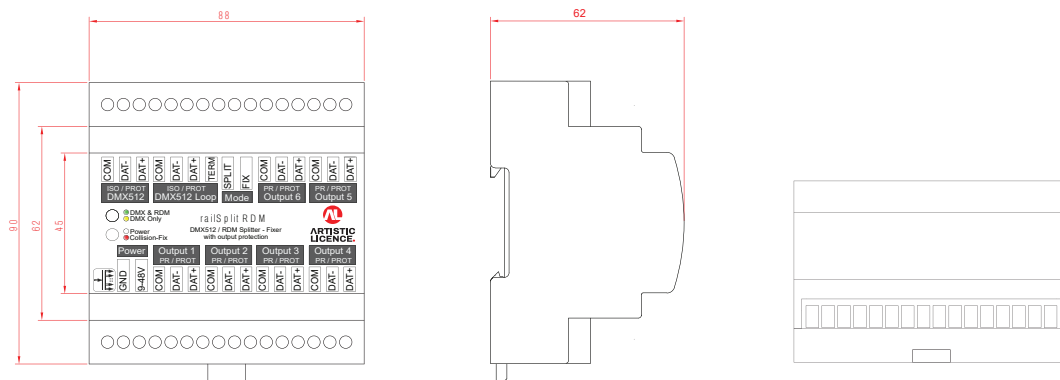
Power & Electrical

- Input voltage: 9-48 VDC
- Input power (max): 8W
- DC fuse: Internal resettable fuse for control electronics
- Terminal Type: rising clamp
 - Max capacity: 2.5mm CSA – quantity 1
 - Torque: Recommended 0.5Nm. Maximum 0.6Nm
 - Stripping length: 5.5-6.5mm

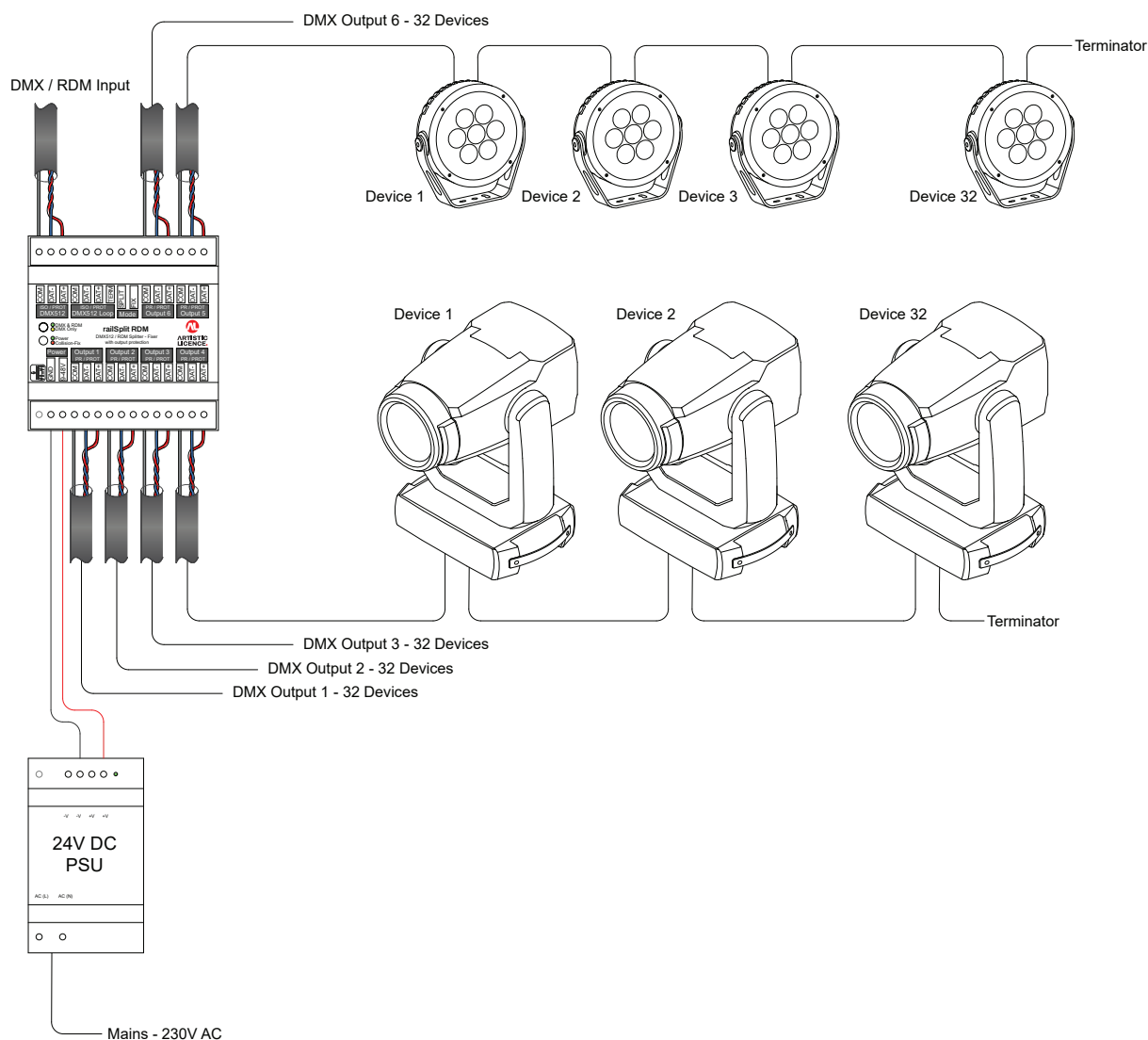
Inputs, Outputs & Indicators

- Power input - quantity 1
 - 2-pin screw terminal
- DMX input/loop - quantity 1
 - Input: 3-pin screw terminal
 - Loop: 3-pin screw terminal + Terminator
 - Protocols: DMX512, DMX512(1990), DMX512-A
 - RDM V1.0 (E1.20 - 2006 ESTA Standard)
 - Input mode: Optically isolated
 - Input ESD protection: 15 kV
 - Input voltage protection: +/- 80 V
- DMX outputs - quantity 6
 - Outputs: 3-pin screw terminals
 - Protocols: Follows input
 - Output mode: Ground referenced
 - Output ESD protection: 10 kV
 - Output voltage protection: +/- 10 V
 - Electrocution protection: Input, Loop and all outputs protected against continuous connection to 425 VAC (self-healing)
- LED Indicators
 - Power
 - DMX
 - RDM

Dimensions



Application diagram



railSplit RDM datasheet 20260608 V0

info@artisticlicence.com

www.artisticlicence.com

Tel: +44 (0)208 863 4515

Artistic Licence Engineering Ltd
The Mould Making Workshop,
Soby Mews, Bovey Tracey
TQ13 9JG

Due to our policy of continuing
product improvement
specifications are subject to
change without notice. (E&OE).

All products are covered from date of
purchase by a 2-year return to base
warranty.