

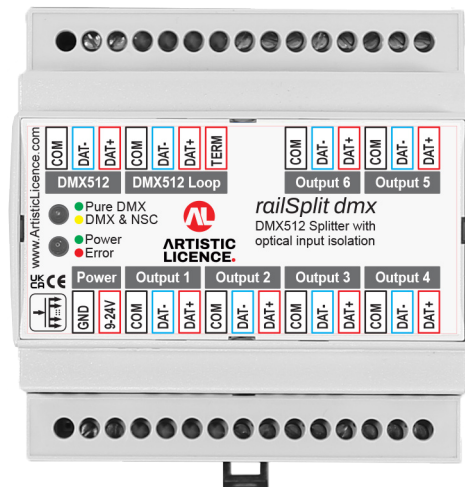
railSplit DMX

Description

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

With an optically isolated DMX512 input and 6 buffered outputs, railSplit DMX is a robust and reliable choice for any fixed installation environment.

railSplit DMX does not support the RDM (Remote Device Management) Standard, RDM data is simply ignored. Should you need an RDM compliant DMX splitter please see railSplit RDM.



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

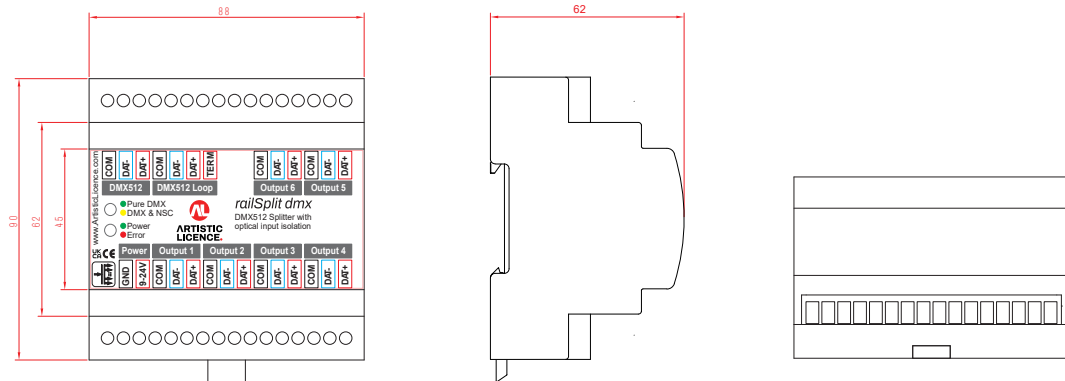
Power & Electrical

- 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

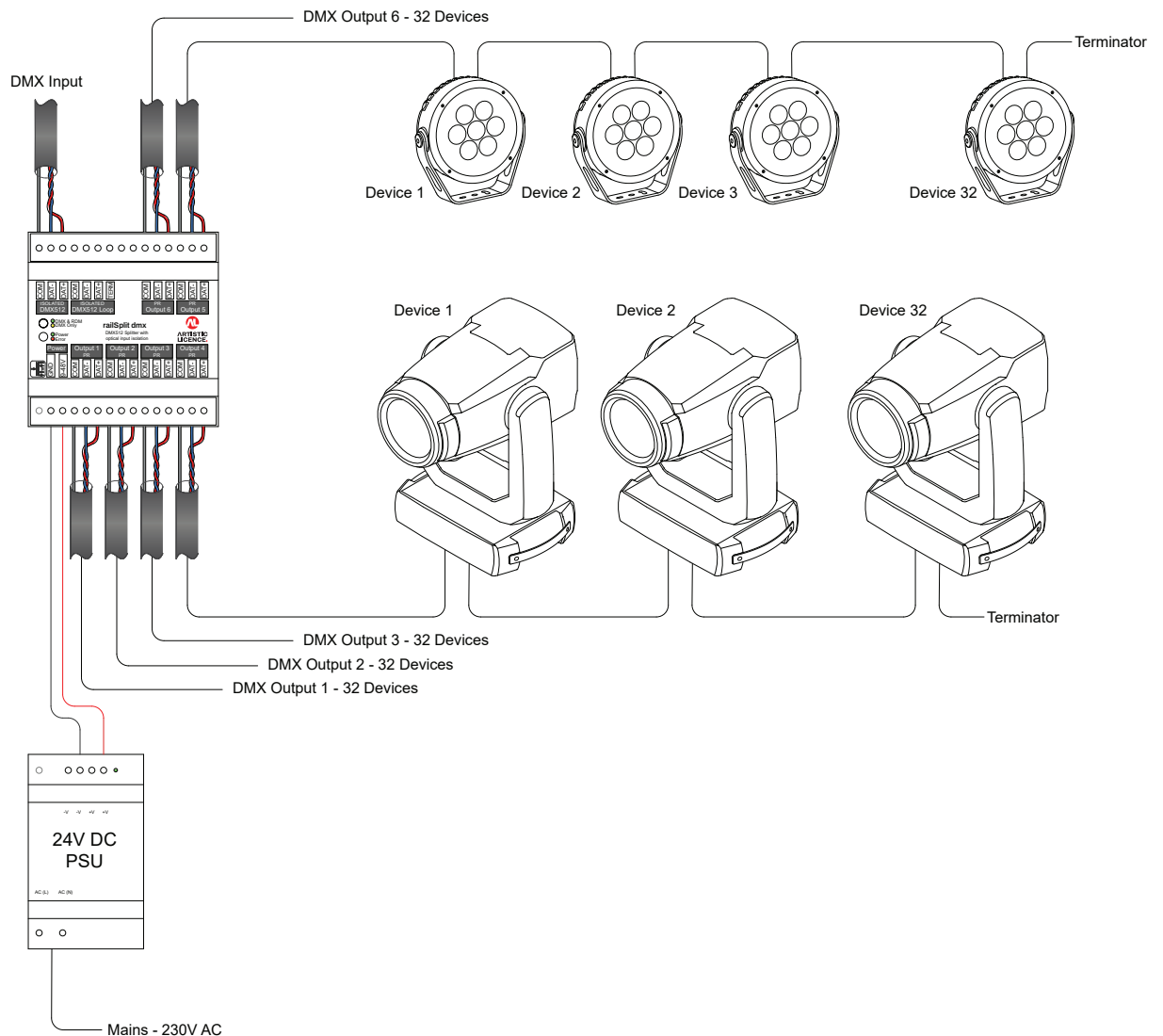
Inputs, Outputs & Indicators

- 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
 - 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
- LED Indicators
 - Power
 - DMX

Dimensions



Application diagram



railSplit DMX datasheet 20250512 V1.2

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