

RdmSplitter (Terminal)

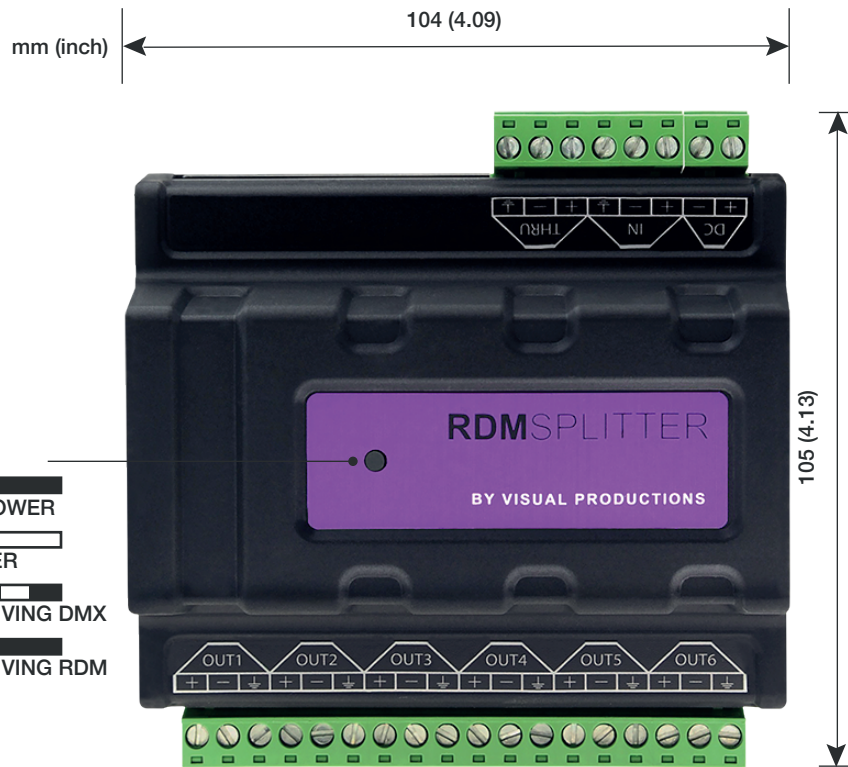
The widespread data protocol for lighting equipment is DMX-512. It is a very successful protocol with, however, a few limitations. The maximum number of attached devices is limited to 32 and they all have to be connected in bus-topology having one cable running via each device. Furthermore, a DMX cable should not be longer than 300 meters.

The RdmSplitter from Visual Productions helps tackle those inconvenient limitations. The splitter takes a DMX signal and sends it out again on its 6 DMX output ports allowing a star-topology for efficient cable usage. Each output port is capable of driving 32 more devices. The splitter can also function as a signal booster as each port supports another 300 meter long connection.

The RdmSplitter features RDM compatibility. The RDM protocol provides two-way communication over a DMX infrastructure. It enables automatic addressing and allows fixtures to provide status information back to the lighting controller.

SPECIFICATIONS

- DIN Rail mounting
- DMX512-A (ANSI E1.11)
- RDM (ANSI E1.20)
- Screw terminals
- 6 Outputs
- Optical Isolation (individual per port)
- 9-24V DC 5W (PSU optional)
- Operating temperature -20°C to +50°C (-4°F to 122°F)
- Operating relative humidity 10% to 80% non-condensing
- Compliance EN55103-1 EN55103-2



PINOUT

- 1 OUT1 +
- 2 OUT1 -
- 3 OUT1 \perp
- 4 OUT2 +
- 5 OUT2 -
- 6 OUT2 \perp
- 7 OUT3 +
- 8 OUT3 -
- 9 OUT3 \perp
- 10 OUT4 +
- 11 OUT4 -
- 12 OUT4 \perp
- 13 OUT5 +
- 14 OUT5 -
- 15 OUT5 \perp
- 16 OUT6 +
- 17 OUT6 -
- 18 OUT6 \perp



PINOUT

- 1 DC +
- 2 DC -
- 3 INPUT +
- 4 INPUT -
- 5 INPUT \perp
- 6 THRU +
- 7 THRU -
- 8 THRU \perp

