DATASHEET

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 DIN-Rail DMX Splitter 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.
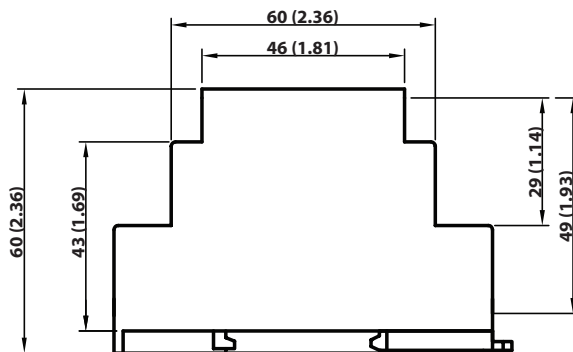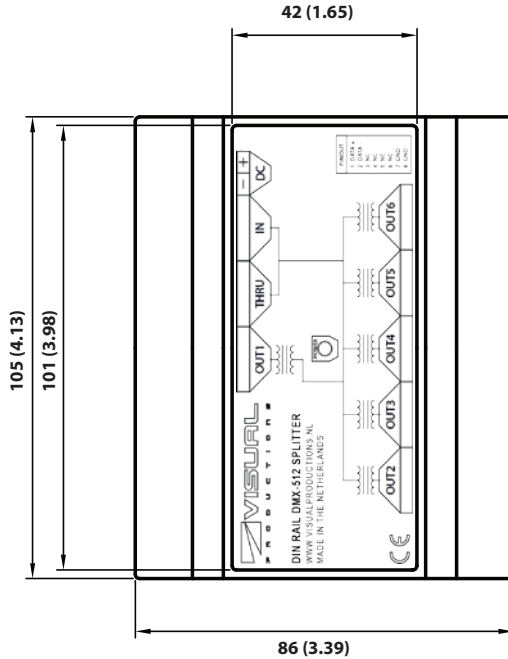
Specifications

- 512 DMX channels

- 6 RJ-45 Outputs, indivdually isolated

- 8-12V DC 500mA power input (optional external PSU)

- Dimensions 105 x 86 x 60 mm (4.1 x 3.4 x 2.4 inch)

- Weights 120 gram (0.26 lbs)

RJ-45 Pinout

1 DATA +
2 DATA -
3 NC
4 NC
5 NC
6 NC
7 GND
8 GND

VISUAL
P R O D U C T I O N S

42 (1.65)

105 (4.13)
101 (3.98)

DC − | +
IN
THRU
OUT1
OUT2
OUT3
OUT4
OUT5
OUT6

VISUAL
PRODUCTIONS

DIN RAIL DMX-512 SPLITTER
WWW.VISUALPRODUCTIONS.NL
MADE IN THE NETHERLANDS

CE

86 (3.39)

60 (2.36)
46 (1.81)

60 (2.36)
43 (1.69)

29 (1.14)
49 (1.93)

mm (inch)