



# DIN RDS4 – Specification

4 way DMX/RDM splitter in compact 4-module DIN-rail form factor.



## General

1. The DMX Opto-Splitter shall be a solid-state device specifically designed as an optically isolated DMX512 splitter with 1500V isolation.
2. There shall be a visual status indicator on the DMX Opto-Splitter showing status of its outputs and active protocols.
3. The DMX Opto-Splitter shall support 1 DMX512-A input.
4. The DMX Opto-Splitter shall support 4 DMX512-A outputs.
5. The DMX Opto-Splitter shall support RDM E1.20.
6. The DMX Opto-Splitter shall be provided with a 3 year manufacturer warranty.
7. The DMX Opto-Splitter shall support various DMX Input framerates.
8. The DMX Opto-Splitter shall be CE/UKCA/FCC compliant.

## Physical

1. The DMX Opto-Splitter shall be a compact, electrically insulated 4 unit DIN enclosure measuring (100.5 \* 72.25 \* 34mm).
2. The DMX Opto-Splitter shall be entirely solid-state with no moving parts or fans.
3. The DMX Opto-Splitter shall support surface mounting and DIN-rail mounting with provided TS35 DIN-rail mount.

## 4. Connectors:

- a. The DMX Opto-Splitter shall support 1 \* 3 pole pluggable terminal input for DMX512-A / RDM.
- b. The DMX Opto-Splitter shall support 4 \* 3 pole pluggable terminal outputs for DMX512-A / RDM.
- c. The DMX Opto-Splitter shall support 1 \* 2 pole pluggable terminal input for DC power input.

## Power

1. The DMX Opto-Splitter must support 7-24V DC power input.
2. The DMX Opto-Splitter shall draw a maximum of 5 Watts power.

## Environmental

1. The DMX Opto-Splitter shall operate in a temperature range from -20°C to 50°C (-4°F to 122°F).
2. The DMX Opto-Splitter shall operate in a non-condensing humidity of 5-95%.
3. The DMX Opto-Splitter shall be IP20 rated.

## Ordering Information

For further support and to browse ENTTEC's range of products visit the [ENTTEC website](#).

Item	Part No.
DIN RDS4	72004

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