



Converting the Digital World to Analogue

Rail-Demux converts DMX512 into analogue control voltage.

A total of 16 outputs are available, each output providing a 0 to 10V DC control voltage. An internal trimmer allows the overall output range to be adjusted between 8V and 12V.

The level of each output is set by received DMX512 using the full 8 bit resolution. This provides an accuracy of 40mV. Each output is controlled by a consecutive DMX512 channel.

The Start Address of the product is set using the DMX512/RDM interface. The Artistic Licence product Jump-Start is suitable for this purpose.

Rail-Demux can be factory configured for a 370uA current loop output as required.

Applications:

Rail-Demux is particularly useful for controlling analogue fluorescent ballasts. It can also be used to add a DMX512 interface to the majority of analogue architectural dimmer and relay products.

Specification:

- Input voltage: 24 VDC
- Power: 36 Watt
- Protocols: DMX512 / RDM V1.0
- Output Voltage: 0-10VDC
- Output Current: 4mA
- Duty Cycle: 100%
- Mounting: DIN Rail or Surface
- Listing: CE / FCC
- IP: Indoor use only



Features:

- Convert DMX512 to Analogue
- Variable gain trim of 8V to 12V
- 370uA Current Loop available to order
- 20mS response time
- Output short circuit protection
- Suitable for fluorescent ballast control
- DIN Rail or surface mounting
- DMX512 (1990) or DMX512-A
- RDM Draft V1.0

Power Supply (not included):

PSU-24-2-FER

- Input voltage: 100 - 230 VAC
- Output: 24V DC 2A
- Num. powered: 1
- Listing: CE / FCC / UL
- IP: Indoor use only