RackPack-S

Dimmer/Switch
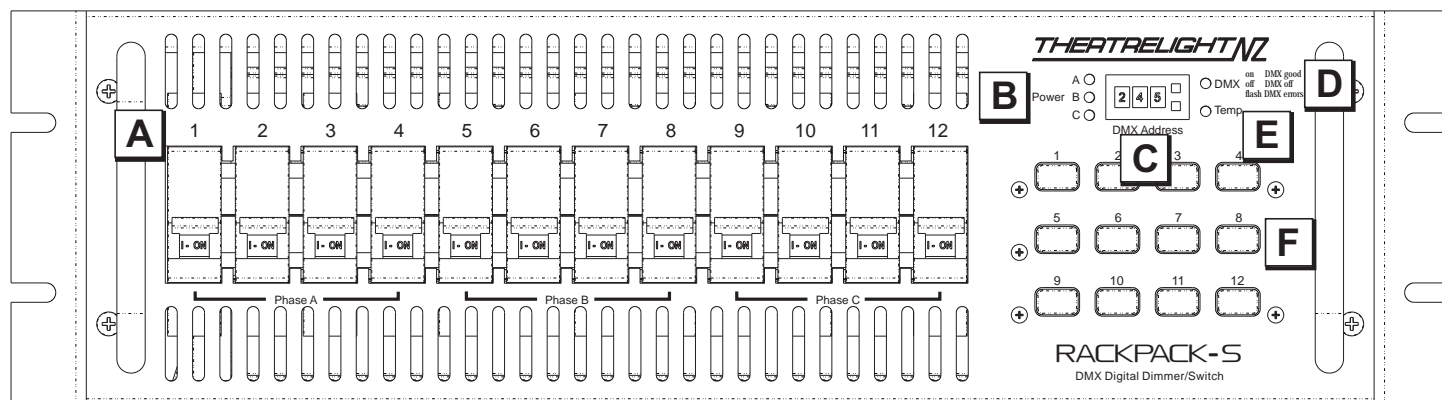
THEATRELIGHT NZ

RACKPACK-S
DMX Digital Dimmer/Switch

- Dimmer/permanent power switch per channel
- Softstart to protect lamps and circuit breakers
- DMX address setup by thumbwheel
- Fully isolated DMX Input
- Toroidal filter chokes for low EMI
- Thermal-magnetic circuit breakers
- RCD breaker per channel option

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RackPack-S Dimmer Pack

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RACKPACK-S
DMX Digital Dimmer/Switch

Simple to set up and use, the Rackpack-S adds permanent power switches to every dimmer of the original popular RackPack I. The switches allow mains power to be distributed to non-dimmable loads such as DMX controlled LED luminares, moving lights, smoke machines and motors. With the switches Off, the RackPack-S operates as a normal incandescent dimmer. Pressing in a switch provides permanent no-loss power to the load. The design of the Rackpack-S makes it particularly suitable for schools and hire use as there are no complicated setup issues- once the DMX start address is set, there is little to go wrong. The isolated DMX input presents less than 1/8 th standard loading, reducing the possibility of DMX errors. Noise filters on the zero cross sensors ensure immunity to mains interference even in the most adverse environment. The wide mains range means the Rackpack-S can work in any country. The unit may be ordered in a variety of output connectors such as Aust/NZ 3 pin or Socapex sockets,or terminals, and the option of an RCD circuit breaker per channel. Wireless DMX operation is as simple as adding one of Theatrelight's Wireless DMX receivers to the system.

Front Panel Legend

A: Thermal/Magnetic Circuit Breakers (MCB) protect each dimmer in the event of a lamp failure or short circuit
B: A B C LEDs indicate of mains power on each phase
C: 3 digit Thumbwheel sets DMX Start Address
D: DMX LED indicates DMX signal status
E: TEMP LED indicates overtemperature conditions
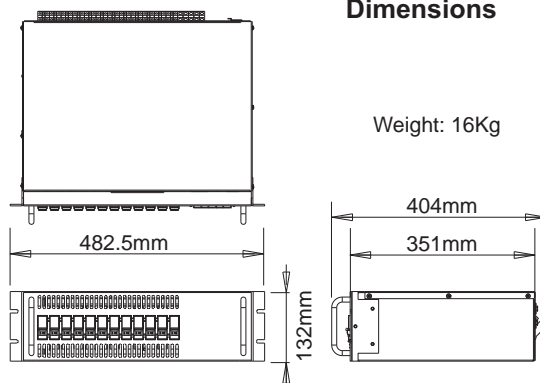F: Dimmer/permanent power switch for each dimmer

Features

- Dimmer/permanent power switch for each channel
- Simple and easy to use DMX setup by thumbwheel
- DMX LED indicates state of DMX signal
- Temp LED indicates overtemperature condition, and fade-out and restore states
- LED indicators indicate mains on phases A, B and C
- DMX-512 in and through connectors
- XLR connector options include Neutrik 3 or 5pin, and generic brand goldplated 3 or 5 pin XLRs
- Isolated, floating DMX input, 1/8 th standard RS-485 load
- Fixed 300msec softstart for long lamp life
- Variable speed fan for low acoustic noise and long fan life
- Amorphous iron powder toroidal chokes for low EMI
- High immunity to Mains interference and low DMX signal
- Protection by Thermal/Magnetic circuit breakers
- RCD circuit breaker per channel option

Specifications

Form: 3u high, 19 inch wide, powder coat zinc-plated steel case
Electronics: Flash MCU, fast pulse driven heavy duty SCRs
Input: 90 to 265 volts AC, 1, 2 or 3 phase and Neutral, 45 to 65 Hz
Output: 12 channels of dual SCRs (ST BTW69-600, Itsm 580 amps), max load 10amps per channel, 13 amp MCB or RCD per channel.
Filtering: Iron powder toroidal filter chokes
Terminations: 3 Pin AusNZ, Socapex, or custom sockets with 5 wire cable input with plug, or moving cage terminals for input and output
Control Input: DMX-512 via Neutrix 3 or 5 Pin XLR connectors with a DMX Thru output for linking other dimmer packs

Dimensions

Weight: 16Kg

482.5mm

404mm
351mm
132mm

Your Local Distributor: