

Contact 12

DMX controlled Power Pack



- User settable DMX Security Delays to guard against DMX errors
- User settable Auto Sequential On Delays for standalone operation
- Fully isolated DMX Input with DMX Thru output
- Surge protected DMX input, 1/8th standard RS485 load
- Load protection by Thermal-Magnetic MCBs or RCBOs
- 10 amp and 20 amp versions available in Terminal or Socket backs

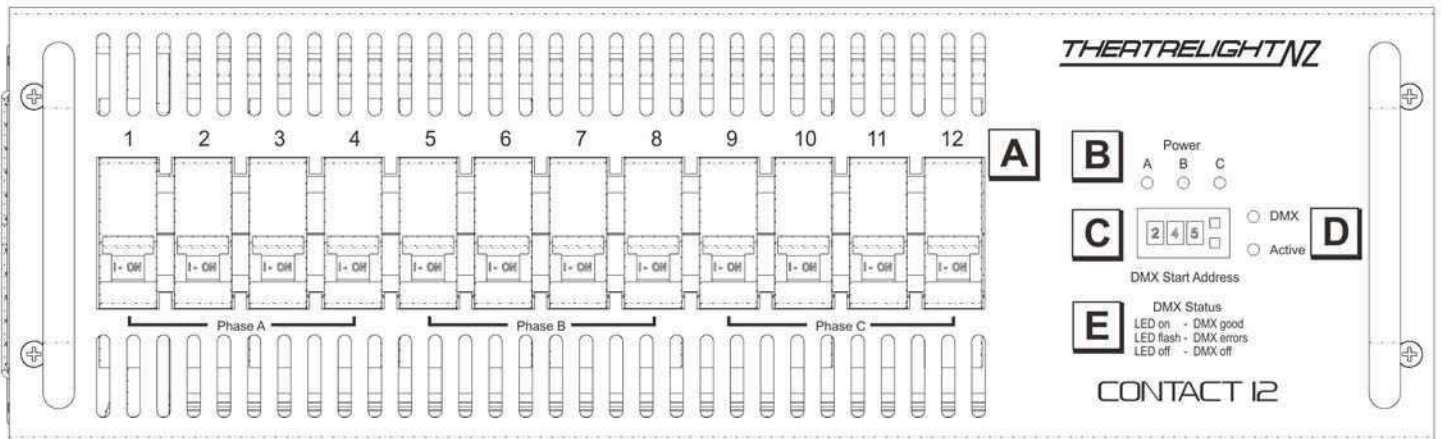
THEATRELIGHTNZ
of New Zealand

Contact 12 Switch Pack

Easy to set up and use, the Contact 12 provides remote control via DMX of switched power supplies for Moving Lights, LEDs, and any other appliance requiring reliable DMX controlled On/Off power. The simplicity of the Contact 12 makes it ideal for schools and hire use as there are no complicated setup issues: just set the DMX start address. The design uses Omron relays with oversized mains contacts for longterm reliability. The isolated DMX input presents only 1/8 th standard loading, reducing the possibility of DMX errors. Security On/Off delays ensure immunity to DMX and mains interference even in the most adverse environment. The wide input voltage and frequency range allows the Contact 12 to work in any country. The Contact 12 is available in 10 amp, 3 pin socket or terminal versions, and 20 amp Socapex or terminal versions.

CONTACT 12

- DMX Start Address setup by thumbwheel
- DMX-512 in and through connectors
- XLR connector options include Neutrik 3 or 5 pin, and generic brand goldplated 3 or 5 pin XLRs to order
- Isolated, floating DMX input, 1/8 th standard RS-485 load
- On/Off hysteresis (60% on, 40% off) with fixed security delay of 250 msec (about 10 DMX frames) prevents accidental switching on DMX interference
- Last valid DMX levels held on DMX disconnection
- DMX LED indicates state of DMX signal
- Active LED flashes if any channels are switched On
- ABC LED indicators show power on phases A, B and C
- High reliability Omron brand relays with oversized contacts
- EMI suppression components to reduce switching interference in audio and video equipment
- High immunity to Mains interference and low DMX signal
- Circuit protection by Thermal/Magnetic circuit breakers
- Less than 5 watts power usage when all channels are off



Front Panel Legend

- A: Thermal/Magnetic Circuit Breakers (MCB) protect each channel in the event of a lamp failure or load short circuit
 B: A B C LEDs indicate presence of mains power on each phase
 C: Thumbwheel for setting DMX Start Address

- D: The DMX LED shows the presence of DMX signal, and any errors. The ACTIVE LED flashes if any channel is ON
 E: DMX LED status legend

Specifications

Form: 3u high, 19 inch wide, powder coated zinc-plated steel case

Electronics: Flash microprocessor driving Omron brand relays

Input: 90 to 265 volts AC, 1, 2 or 3 phase and Neutral, 45 to 65 Hz

Models:

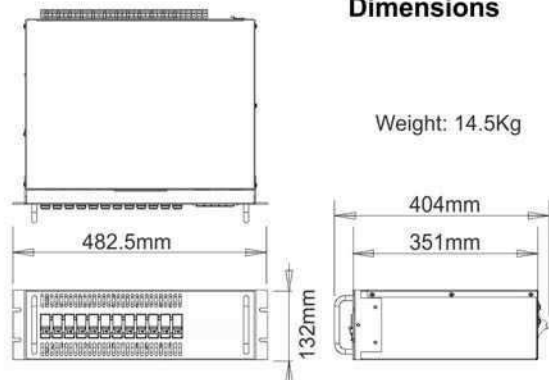
1210 model: 13 amp MCBs, 3 pin socket or moving cage Terminals

1220 model: 25 amp MCBs, Socapex or moving cage Terminals

EMI Filtering: RC snubbers and Transil switching noise suppressors

Control Input: DMX-512 via Neutrix 3 or 5 Pin XLR connectors with DMX Thru output for linking other packs

Dimensions



Your Local Distributor:

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