

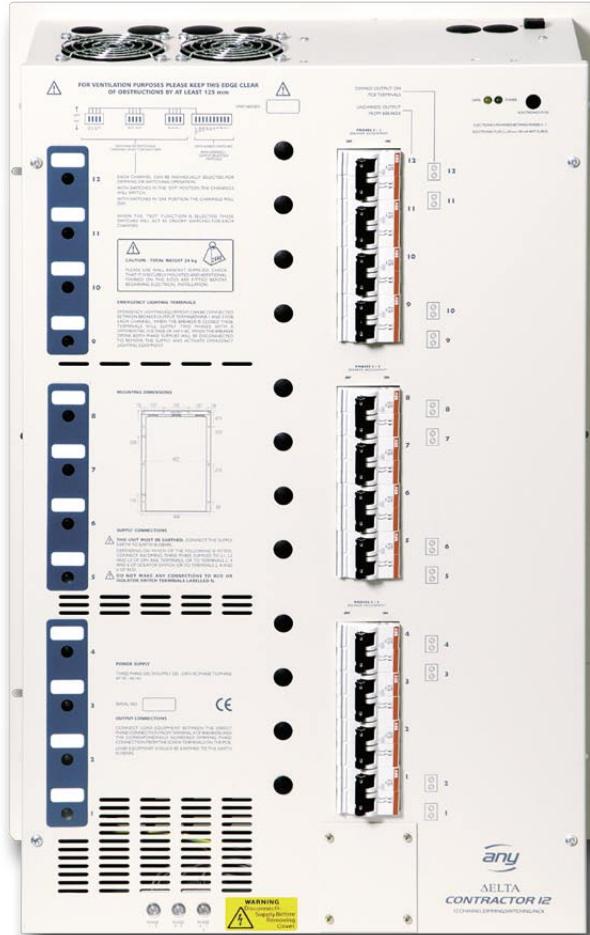
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ANYTRONICS.COM

PROFESSIONAL
Dimming/Switching

12 Channel Dimming/Switching Pack **DELTA CONTRACTOR**

**DMX
512**



THE WORKHORSE FOR PROFESSIONAL INSTALLATIONS - Anytronics introduced the Contractor series of dimming/switching packs after extensive consultation with many different areas of the lighting industry. They combine the best of digital innovation with affordability, simple installation and reliability. The Delta Contractor is designed for use in fixed installations with three phase supplies and delta connected 240 V loads.

- Extremely cost effective.
- Compact digital design.
- Double pole circuit breaker protection on all channels.
- DMX 512 input.
- Choice of dimming or switching on each channel.
- Supplied with Stainless Steel wall bracket for straightforward installation.
- Individual channel test facility.
- Channel status indication on all channels.
- Thermostatically controlled cooling.
- Optional RCD (pulsating DC) or isolator.
- Optional 0 to +5 V / +10 V analogue input.
- Optional 10 kA rated breakers / isolators / RCD for marine applications.

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DELTA CONTRACTOR 12 Channel Dimming/Switching Pack

The Anytronics Delta Contractor pack is available with 12 channels, each channel being capable of handling up to 12 amps for either dimming or switching. The pack is designed to be wall mounted vertically, but may be mounted horizontally if space or trunking runs dictate.

Channel protection is via double pole C13 circuit breakers with the option of a DC sensitive RCD on the incoming supply. Cooling is achieved by two thermostatically controlled fans.

DMX 512 is the standard operating protocol for convenience, but an analogue 0 to 10 V input card is available as an alternative.

DIL switches are used for setting the DMX address and for selecting dimming or switching operation on each channel. These channel selection switches also function as on/off switches when the test mode is engaged.

Battery operated emergency lighting equipment may be activated via a change over relay with mains rated coil connected to the channel breaker outputs.

Triac replacement is via a 3 way screw terminal block and a spring clip which attaches the device to the heatsink. Triac BTB24-600B or equivalent.

Technical Specifications

INPUT SUPPLY

Three phase (delta) and earth, connected 4 channels per phase pair (supply phasing immaterial).

NOMINAL LINE VOLTAGE: 135 V rms (maximum 245 V rms phase to phase).

FREQUENCY: 46 to 64 Hz (auto tracking).

MAXIMUM CURRENT/PHASE: 83 A AC (or 63 A AC with our standard internal RCD).

ELECTRONICS SUPPLY: Derived from phases one and three and protected by 100 mA anti-surge 5 x 20 mm glass fuse.

OUTPUTS

12 channels of either zero voltage switching or phase controlled dimming (Linear Curve).

CHANNEL RATING: 12 A AC / 2500 W per channel.

OUTPUT CURRENT RISE TIME: 160 microseconds.

MINIMUM RECOMMENDED LOAD: 100 W per channel.

RCD OPTION

63 A AC per pole, 30 mA pulsating DC sensitive residual current device.

OVER CURRENT PROTECTION

ABB S262 double pole C13 circuit breakers on each channel. (ABB S282 with 10 kA rating to special order).

INPUT

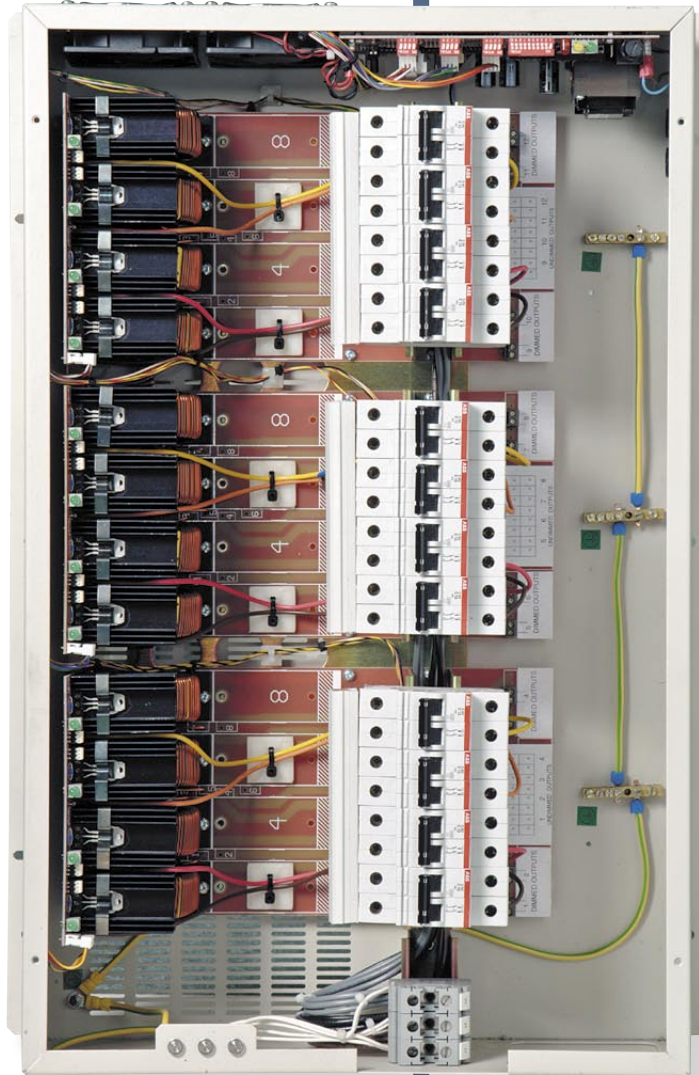
DMX Control to USITT DMX512 via 2 sets of screw terminals (5 pin XLR connectors available to special order) or alternatively, analogue (option) 0 to +5 V or +10 V input control range via screw terminals (8 pin ring locking DIN connectors available to special order)

OPERATION

Dimming or switching operation individually selectable for each channel. DMX start address from 1 to 511 settable on binary weighted DIL switch. If DMX fails, last level is held indefinitely until DMX input restored or power removed.

TEST MODE

External input disabled, channels can be individually switched from OFF to full ON.



Cable entry

INDICATORS

Neon phase indicators. Electronics power indicator. Channel status indicators. DMX Data indicator.

PHYSICAL / ENVIRONMENT

Rugged welded steel chassis construction. Stainless steel hanging bracket eases wall mounting.

DIMENSIONS (Including flanges)

H x W x D: 650 x 450 x 160 mm.

WEIGHT: 24 kg Net, 27 kg Gross.

Mounting area required including 125 mm clearance between fans and any obstruction: 760 x 580 mm.

Recommended ambient operational temperature range 0 to 35 Deg.C.

COMPLIANCE

Complies with all current relevant parts of EN50082-1 for immunity, EN50081-1 for emissions and to EN60439 / EN60950 for safety.

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