



ANYTRONICS.COM

PROFESSIONAL  
Dimming/Switching

# 24 & 12 Channel Dimming/Switching Packs **CONTRACTOR SERIES**



**Easy installation**  
RJ45 connection from  
Anyscene control panel to  
Contractor



Contractor 24 shown  
with optional RCD

**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, and are designed for use in fixed installations such as theatres, schools, night clubs or any architectural or commercial application.**

### Contractor 12 & 24

- Extremely cost effective.
- Compact digital design.
- 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 at 50% & 100%.
- Thermostatically controlled cooling.
- Emergency lighting terminals on all channels.
- Optional 4 pole RCD (pulsating DC) or 4 pole Isolator.
- Optional 0 to +5 V / +10 V analogue input.
- Ideally suited for use with Anyscene and IR Anyscene products.
- Simple 3 digit DMX address setting.
- Data hold or fade options on DMX failure.

### Anyscene 1 & 2

- Stylish and easy to use wall mounting DMX snapshot recall units.
- 7 programmable presets plus 'Blackout' (23 on Anyscene 2).
- Master level control provides overriding local control of illumination level.
- 'Preset cycle' feature cycles through presets.

See separate data sheet for full specification of Anyscene and Anyscene 2 products.

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## CONTRACTOR 12 & 24 Channel Dimming/Switching Pack

The Anytronics Contractor packs are available with 12 or 24 channels, each channel being capable of handling up to 12 amps for either dimming or switching. The packs are designed to be wall mounted vertically, but may be mounted horizontally if space or trunking runs dictate.

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

As the Contractor packs will find their natural use in multichannel venues, DMX 512 is the standard operating protocol for convenience, but an analogue 0 to 10 V input card is available as an alternative.

Rotary switches are used for setting the DMX address and accessing test feature whilst DIL switches are used for selecting dimming or switching operation on each channel.

Emergency lighting terminals are fitted to each channel of the pack. These remain live unless the circuit breaker trips or the channel supply fails. Battery operated emergency lighting equipment may then be activated via a change over relay with mains rated coil.

Triac replacement is via a 3 way screw terminal block and a spring clip which attaches the device to the heatsink. Triac BTB24600B or equivalent.

Preheat control is provided via 3 presets, 1 per phase 0 to 25% range.

### Technical Specifications

[Figures in brackets apply to Contractor 12 only]

#### INPUT SUPPLY

Three phase (star) with neutral and earth, connected 8 [4] channels per phase (phasing immaterial) or single phase connection to all 24 [12] channels with neutral and earth via three supply connectors.

OPERATING VOLTAGE: 215 to 245 V AC or 105 to 120 V AC.

FREQUENCY: 46 to 64 Hz (auto tracking).

MAXIMUM CURRENT/PHASE: 80 [48]A AC or with internal RCD 63 A AC

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

NOTE: When using the Contractor 24 from a single phase supply, in order to keep the neutral current within DIN rail specification, the total supply current should not exceed 150 A AC.

#### OUTPUTS

24 [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: >170 microseconds.

MINIMUM RECOMMENDED LOAD: 100 W per channel.

EMERGENCY LIGHTING OUTPUT: 1 A per channel maximum via screw terminal connector.

#### RCD OPTION

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

#### ISOLATOR OPTION

4 pole 100 A device.

#### OVERCURRENT PROTECTION

C13 circuit breaker on every channel (optional neutral switching breakers available to special order). Lower current breakers can be fitted if required on any number of channels (4 A, 6 A or 10 A).

#### INPUT

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

#### OPERATION

Dimming or switching operation individually selectable for each channel. DMX start address from 1 to 512 settable on rotary switches. If DMX fails, last level is held indefinitely until DMX input restored or power removed.

#### TEST MODE

External input disabled, channels can be checked one at a time at 50% or 100%.

#### INDICATORS

Neon phase indicators. 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. [440 x 450 x 160 mm].

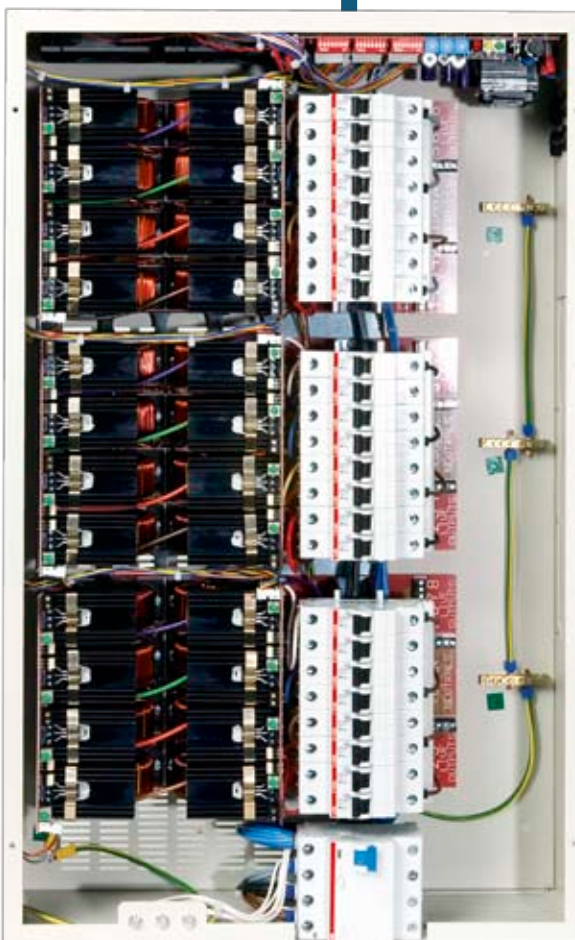
WEIGHT: 30 kg Net, 33 kg Gross. [18 kg Net, 20 kg Gross].

Mounting area required including 125mm clearance between fans and any obstruction: 760 x 580 mm. [550 x 500 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.



Cable Entry

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