

# dynalite 🖚

# **DLE1210**

# Leading Edge Dimmer Controller

The DLE1210 is a 12 channel energy management controller with a maximum load per channel of 10A. It is suitable for control of large loads, including incandescent, low voltage, neon and selected fluorescent light sources. The DLE1210 is the ideal choice in applications requiring reliability combined with large power handling capability. It is DMX512 compatible, making it perfect for use in theatres and auditoriums.

#### technical data )))



#### Supply

 $230V \pm 14\%$  50/60Hz 3-Phase  $\land$  at 40A per phase

#### **Outputs**

12 x dimmed outputs (leading edge phase control) at 10A, total box load is 120A max.

#### Protection

12 x 10A 6kA single pole thermal magnetic circuit breakers on each channel

#### **Regulating Device**

Triac 600V 40A nom. 400A surge

#### **Power Conditioning**

- Regulated outputs
- Over voltage protection
- Surge protection
- Brownout/Sag protection
- · Spike protection
- Soft start
- 16 bit fade resolution (65536 steps)

#### **Cooling System**

Naturally ventilated, no forced cooling, no maintenance

#### **Interference Suppression**

Iron powder toroidal choke

## Rise Time

200µS at 230V

#### **Control IO**

1 x RS485 DyNet/DMX512 serial port

1 x programmable AUX dry contact input

#### **User Controls**

Service/Override Switch
Diagnostic LED
3 x Phase indicator LEDs
Hardware bypass switches for each
channel

#### **DyNet DC Supply**

12V @ 200mA (supply for approx. 10 panels)

#### **Preset Scenes**

170

#### **Supply Terminals**

Line1, Line2, Line3 1 x 16mm² max conductor size Earth Link bar provided Neutral Link bar provided

#### **Output Terminals**

Line for each channel 1 x 16mm² max conductor size Earth Link bar provided Neutral Link bar provided

#### **Cable Entries**

Mains - 4 x 25mm dia. knockouts on a 105mm x 145mm removable gland plate Data - 1 x 25mm dia. knockout

#### **Diagnostic Functions**

Device Online/Offline status

### Compliance

CE, C-Tick

#### **Operating Environment**

 $0^{\circ}$  to  $40^{\circ}$ C ambient temperature 0% to 95% RH non condensing

#### Construction

Alloy/Steel wall mount case with epoxy finish

#### Dimensions

H 600mm x W 345mm x D 187mm (excludes wall brackets)

#### Weight

Packed weight 30kg

load compatibility >>>

Incandescent Neon Leading edge electronic transformers Iron core transformers

options }}}

Second RS485 DyNet/DMX512 port **-A**Earth leakage and overload protection on each channel **-RCBO** 

Circuit breaker trip reporting **-BT**Three Pole circuit breakers **-3Pole** 

## **PHILIPS**

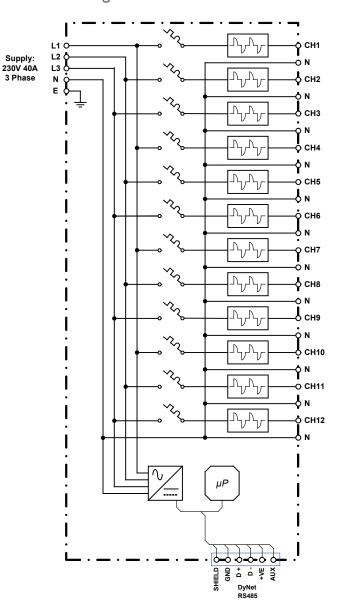
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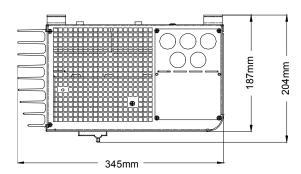


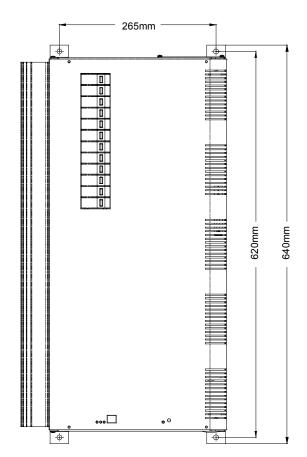
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## electrical diagram )))

## mounting dimensions >>>







## **PHILIPS**



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