

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 ±14% 50/60Hz 3-Phase λ 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

200 μ S 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° to 40°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**

electrical diagram)))

mounting dimensions)))

