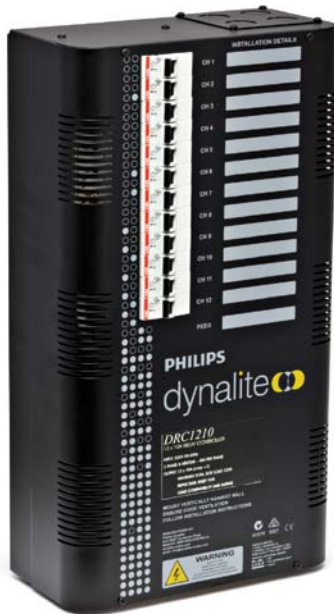


The DRC1210 and DRC1220GL are 12 channel relay controllers, with a maximum load per channel of 10A and 20A respectively. They are used for switching both lighting and non-lighting loads. Both controllers have an optional accessory card for control of electronic dimmable ballasts. In areas where it is beneficial to sequentially switch on large lighting loads, such as factories and indoor sporting arenas, the DRC1210 and DRC1220GL can be programmed to stagger the switch on of the lights, to minimise peak demand current.

technical data >>>



Supply

DRC1210 - 230V ±14% 50/60Hz Single Phase at 40A, or 230V ±14% 50/60Hz 3-Phase λ at 40A per phase
DRC1220GL - 230V ±14% 50/60Hz 3-Phase λ at 63A per phase

Outputs

DRC1210 - 12 x switched outputs at 10A (max device load is 120A)
DRC1220GL - 12 x switched outputs at 20A (max device load is 180A)

Protection

DRC1210 - 12 x 10A 6kA single pole thermal magnetic circuit breakers
DRC1220GL - 12 x 20A 6kA single pole thermal magnetic circuit breakers

Relay

DRC1210 & DRC1220GL - Relay - 50A 230V AC inductive (5000W lighting load rated)

Control IO

1 x RS485 DyNet serial port / DMX
1 x programmable dry contact AUX input

User Controls

Service Over-ride switch - All channels to 100%
Diagnostic LED

DyNet DC Supply

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

Preset Scenes

170

Supply Terminals

DRC1210 - L1, L2, L3
1 x 16mm² max conductor size
DRC1220GL - L1, L2, L3
1 x 35mm² max conductor size

Output Terminals

Line for each channel
1 x 10mm² max conductor size
Neutral Link bar provided
Earth Link bar provided

Cable Entry

Mains – 4 x 25mm dia. knockouts mounted on a 100mm x 50mm removable gland plate
Data – 1 x 25mm dia. knockout
Outputs – 6 x 25mm

Diagnostic Functions

Device Online/Offline status

Compliance

CE, C-Tick

Operating Environment

0° to 50°C ambient temperature
0% to 95% RH non condensing

Construction

Alloy/Steel wall mount case with epoxy finish

Dimensions

H 457mm x W 252mm x D 126mm (excludes wall brackets)

(-RCBO version H 585mm)

Weight

10.25kg

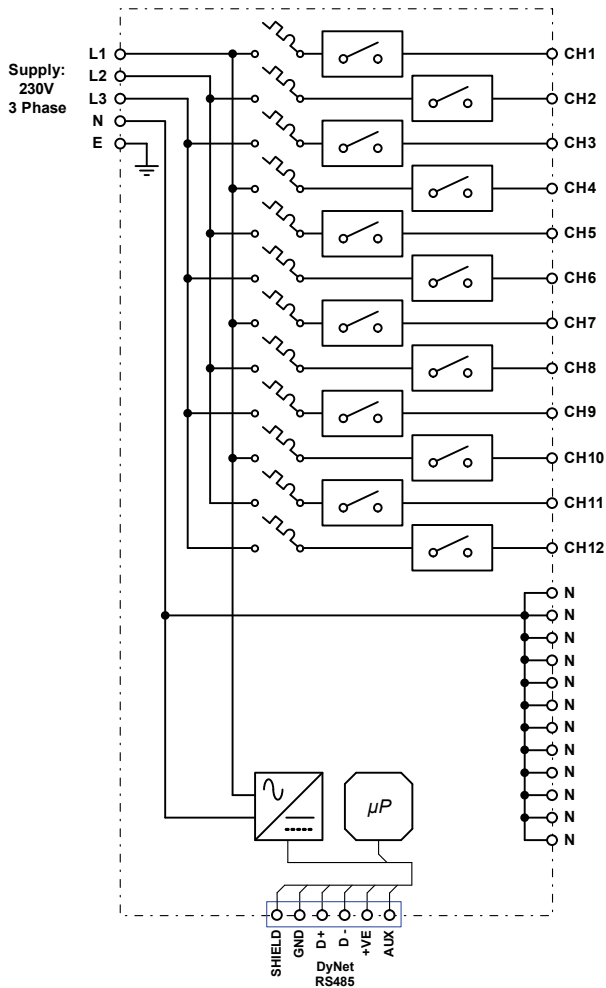
load compatibility >>>

Any switched load

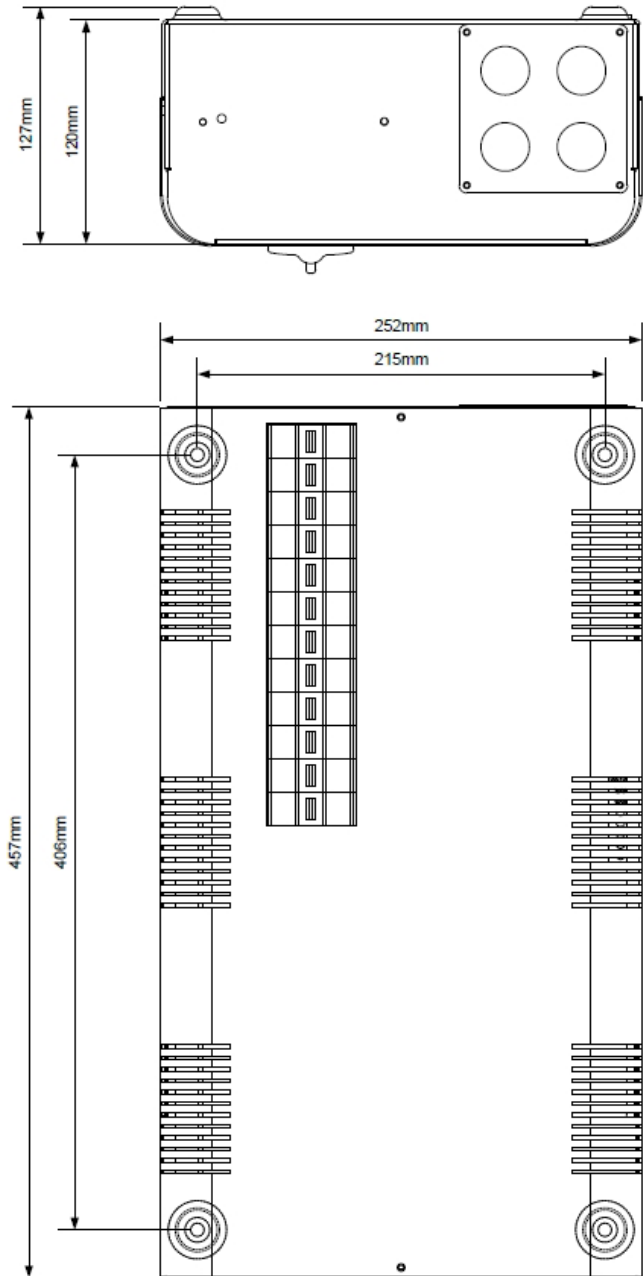
options >>>

Extra RS485 DyNet/DMX512 port -A
Earth leakage and overload protection on each channel
- RCBO (note larger enclosure)

electrical diagram)))



mounting dimensions)))



For further information contact:

