

Relay Controller

The DRC1205 is a 12 channel relay controller, with a maximum load of 5A per channel. It is used for switching both lighting and non-lighting loads. In areas where it is beneficial to sequentially switch on large lighting loads, such as factories and indoor sporting arenas, the DRC1205 can be programmed to stagger the switch on of the lights, to minimise peak demand current.

technical data >>>



Supply

230V ±14% 50/60Hz 3-Phase A at 20A per phase

230V ±14% 50/60Hz Single Phase at 60A

12 x switched outputs at 5A (total device load is 60A)

Protection

3 x 20A 6kA single pole thermal magnetic circuit breakers

Switching Device

Relay 10A nom. (resistive)

Control IO

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

User Controls

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

Internal Controls

Programmable Logic Controller Philips Dynalite Accessory Module enabled

DyNet DC Supply

12V @ 120mA (supply for approx. 6 panels)

Preset Scenes

Supply Terminals

L1, L2, L3, N

1 x 10mm² max conductor size

Output Terminals

Line, Neutral for each channel 2 x 4mm² max conductor size Earth Link bar provided

Cable Entries

Mains – 1 x 75mm x 53mm removable gland plate Data – 1 x 25mm dia. knockout

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 450mm x W 225mm x D 75mm (excludes wall brackets)

Weight

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Packed weight 4.8kg

All switched loads up to 5A load compatibility >>>

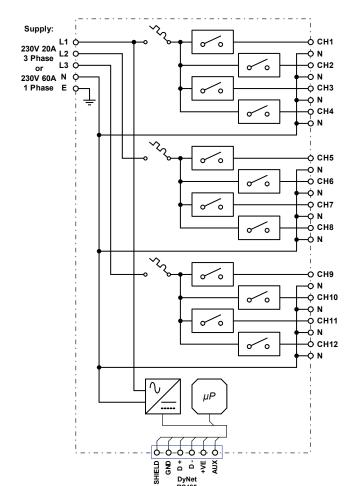
> options }} Extra RS485 DyNet/DMX512 port -A

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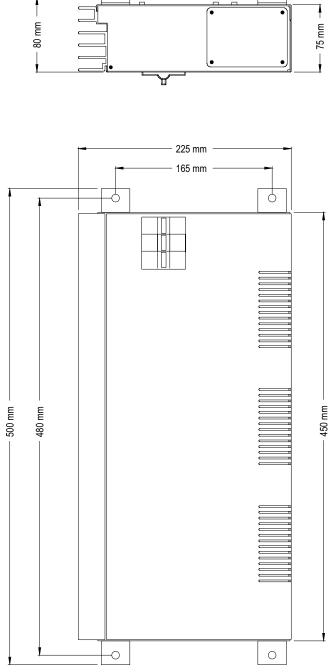


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electrical diagram >>>



mounting dimensions >>>



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