

The DBC1205 is designed for use with electronic dimmable fluorescent ballasts, either 1-10V or DSI. It has 12 x 5A relay outputs to switch fluorescent lighting or other loads in a DyNet energy management system. Twelve control outputs, selectable to 1-10V DC and DSI, are provided for control of HF ballasts.

technical data >>>



Supply

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

Outputs

12 x switched outputs at 5A
12 x HF ballast control outputs, selectable to 1-10V DC and DSI

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

DyNet DC Supply

12V @ 90mA (supply for approx. 4 panels)

Preset Scenes

170

Diagnostic Functions

Device Online/Offline status

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

IV/DSI, +V/DSI for each channel

1 x 2mm² max conductor size

Cable Entries

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

Operating Environment

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

Compliance

CE, C-Tick

Construction

Alloy/Steel wall mount case with epoxy finish

Dimensions

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

Weight

Packed weight 5.2kg

load compatibility >>>

Switched loads
DSI high frequency fluorescent ballasts

DSI low voltage transformers
1-10V high frequency fluorescent ballasts

options >>>

Extra RS485 DyNet/DMX512 port **-A**
Three pole circuit breakers **-3POLE**

Circuit breaker trip reporting **-BT**

electrical diagram >>>

mounting dimensions >>>

