

The DMBC110 is designed to allow intelligent, networked control of individual lighting fixtures. The compact design enables the unit to be mounted directly within the gear enclosure of many fixtures. Each dimmer controller incorporates a relay output which can be used to control mains supply to the fixture and a HF ballast control output which can provide dimming control of DALI, 1-10V and DSI compatible ballasts and transformers. The relay is very robust and fully rated for difficult lighting loads.

technical data 



Supply

230V ±14% 50/60Hz Single Phase at 10A

Switched Output

1 x relay output at 10A (inductive)

Control Output

1 x output selectable to:
 DALI Broadcast, 1-10V, DSI

Control Output Capacity

DALI Ballasts and transformers: 5
 0-10V: 10mA source or 20mA sink
 DSI Ballasts and transformers: 15

Switching Device

Relay, Tungsten pilot contact,
 16A resistive, 165A surge

Control IO

1 x RS485 DyNet/DMX512 serial port

Preset Scenes

170

Diagnostic Functions

Device Online/Offline status

DyNet Supply

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

Supply Terminals

Line In, Neutral
 1 x 4mm² max conductor size

Output Terminals

Mains:
 Line Out, Neutral
 1 x 4mm² max conductor size

Control:

B1, B2
 1 x 1.5mm² max conductor size

Operating Environment

0° to 50°C ambient temperature
 0% to 90% RH non-condensing

Compliance

CE, C-Tick

Enclosure

ABS plastic

Dimensions

L 185mm x W 44 mm x D 38mm

Weight

Packed weight 0.19Kg

load compatibility 

DALI, DSI and 1-10V HF Ballasts
 DALI, DSI and 1-10V transformers

All types of Switched loads

electrical diagram >>>

mounting dimensions >>>

