

The DDBC1200 is designed to provide cost effective control of high frequency fluorescent ballasts and dimmable transformers. Each DDBC1200 has 12 independent output channels, each selectable to DALI Broadcast, 0-10V or DSI. When in 0-10V output mode, the device is suitable for interfacing to equipment with an analogue input port such as air dampers. The device can also be linked to a separate relay module for control of 1-10V HF fluorescent ballasts. LED indicators reflect the status of each channel. The device is DIN rail mountable, designed to be installed in a switchboard next to the circuit breaker that is supplying power to the controlled lighting circuit.

technical data >>>



DDBC1200-MO

Supply

230V ±14% 50/60Hz Single Phase at 0.5A

Outputs

12 x control outputs, selectable to DALI, 0-10V or DSI

Output Capacity

DALI Broadcast Mode:
80 DALI ballasts per channel, 500 total
0-10V mode:
100mA sink, 50mA source per channel
DSI Mode:
100 DSI ballasts per channel, 1200 total

Control Inputs

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

Front Panel Controls (-MO version)

Channel Override switches
Channel Status indicators
Service Switch
Service LED

DyNet DC Supply

180mA

Preset Scenes

170

Diagnostic Functions*

Circuit run time tracking
Device Online/Offline status
* DLight, DTK600 Touch Screen or BAS interface is required for analysing diagnostic data. The availability of some diagnostics is dependent on the ballast type.

Supply Terminals

Line, Neutral, Earth
1 x 4mm² max conductor size

Output Terminals

C, CH, for each channel
1 x 4mm² max conductor size

Operating Environment

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

Compliance

CE, C-Tick

Enclosure

ABS DIN Rail enclosure (12 unit)

Dimensions

H 93mm x W 211mm x D 75mm

Weight

Packed weight 0.6kg

load compatibility >>>

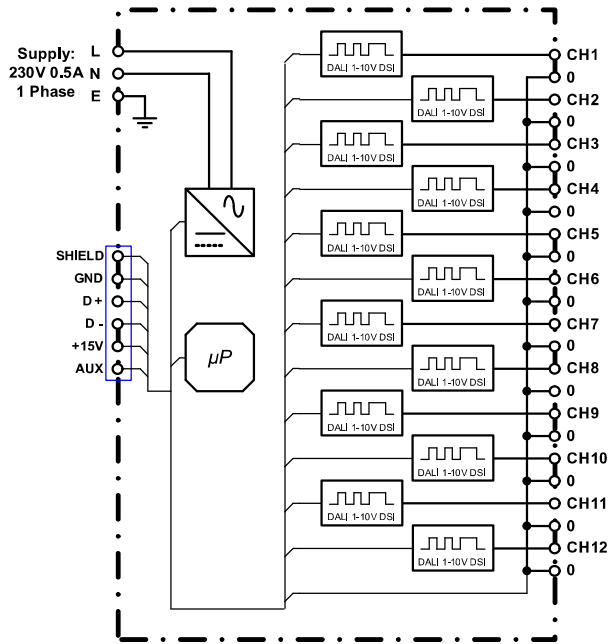
DSI high frequency fluorescent ballasts
DSI electronic low voltage transformers
DALI high frequency fluorescent ballasts
DALI electronic low voltage transformers

1-10V high frequency fluorescent ballasts
Devices that require 0-10V analogue control signals

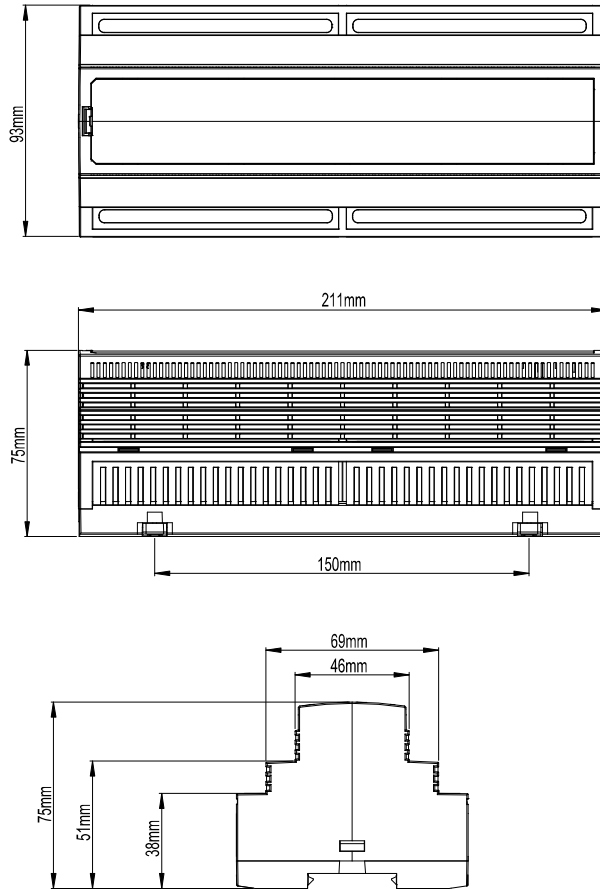
options >>>

Manual Override **-MO**

electrical diagram)))



mounting dimensions)))



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Dimmers
Domotica
Led Lighting
Lighting Control
Entertainment Lighting