

The DDMC802GL is an 8 channel mixed controller with a nominal load per channel of 2A. A variety of output modules are available to suit different types of loads and the DDMC802GL can accept up to four plug in modules, which by their removable design also facilitate ease of servicing. Available module types include:

- Trailing edge phase control dimmer, suitable for use with most types of dimmable electronic transformers.
- LED dimmer, suitable for main rated dimmable LED fittings.
- Leading edge phase control dimmer, suitable for incandescent lamps and some types of dimmable electronic transformers.
- HF Ballast controller, suitable for controlling DALI Broadcast, 1-10V and DSI ballasts and transformers.
- Relay module, suitable for most types of switched loads.
- Fan control module.
- Curtain control module.

The device is DIN rail mountable, designed to be installed in a switchboard, optionally next to circuit breakers feeding the circuits to be controlled.

technical data)))



Supply

230V ±14% 50/60Hz Single Phase at max. 10A

Output Options

4 x 2 channel output slots at 2A nominal per channel. Maximum device load is 10A. Some modules occupy 2 slots. Available modules include:

DGBM200 - 2 Channel DALI Broadcast, 1-10V, DSI HF Ballast control. Occupies 1 slot

DGCM102 - 1 Channel x 2A SPDT Curtain Control. Occupies 1 slot

DGFM102 - 1 Channel 400VA Fan Control. Occupies 1 slot

DGLM402 - 4 Channel x 2A Leading edge dimmer. Max. module total load 5A. Regulating Device - Triac - 20A, 600V. Occupies 2 slots

DGLM105 - 1 Channel x 5A Leading edge dimmer. Regulating Device - Triac - 20A, 600V. Occupies 2 slots

DGRM204 - 2 Channel x 4A relay. Switching device - Relay, 16A TV5 100A surge. Occupies 1 slot

DGTM402 - 4 Channel x 2A Trailing edge dimmer. Max. module total load 5A. Regulating Device - MOSFET's 25A, 500V, 62A surge. Occupies 2 slots

DGLEDM401 - 4 Channel x 1A Mains rated LED analogue dimmer. MOSFET's 25A 500V, 62A surge. Occupies 2 slots

DGTM105 - 1 Channel x 5A Trailing edge dimmer. Regulating Device - MOSFET's 25A, 500V, 62A surge. Occupies 2 slots

Control IO

1 x RS485 DyNet & DMX512 serial port
8 x Programmable dry contact inputs

DyNet DC Supply

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

Preset Scenes

170

User Controls

Service Switch
Diagnostic LED

Diagnostic Functions

Circuit run time tracking on each channel
Device Online/Offline status

Supply Terminals

Line, Neutral, Earth
2 x 2.5mm² or 1 x 4mm² conductor size

Output Terminals

Channel, Common for each channel,
2 x 2.5mm² or 1 x 4mm² conductor size

Dry contact input terminals

1 x 10 pole removable terminal socket
PTR item code: AK950/10-5-0-GREEN

Operating Environment

0° to 40°C ambient temperature
0% to 95% RH non condensing

Compliance

CE, C-Tick

Enclosure

Polycarbonate DIN Rail enclosure
(12 unit)

Dimensions

H 93mm x W 211mm x D 75mm

Weight

Packed weight 0.94kg

load compatibility)))

DSI/1-10V/DALI dimmable light fittings.

Leading edge compatible light fittings.

Trailing edge compatible light fittings.

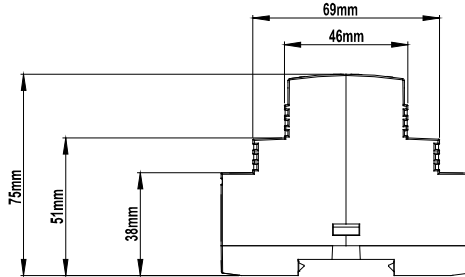
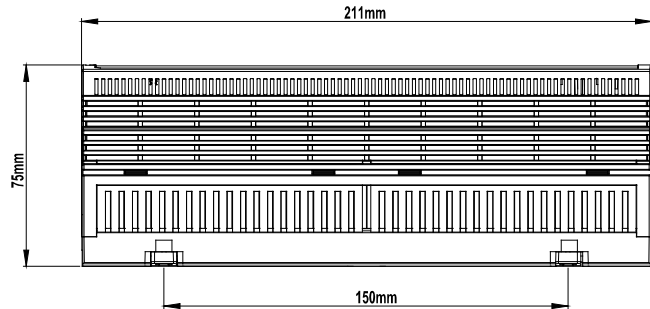
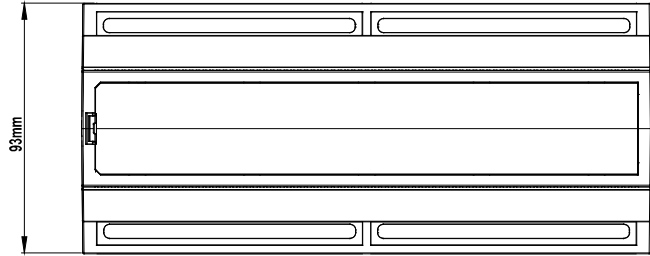
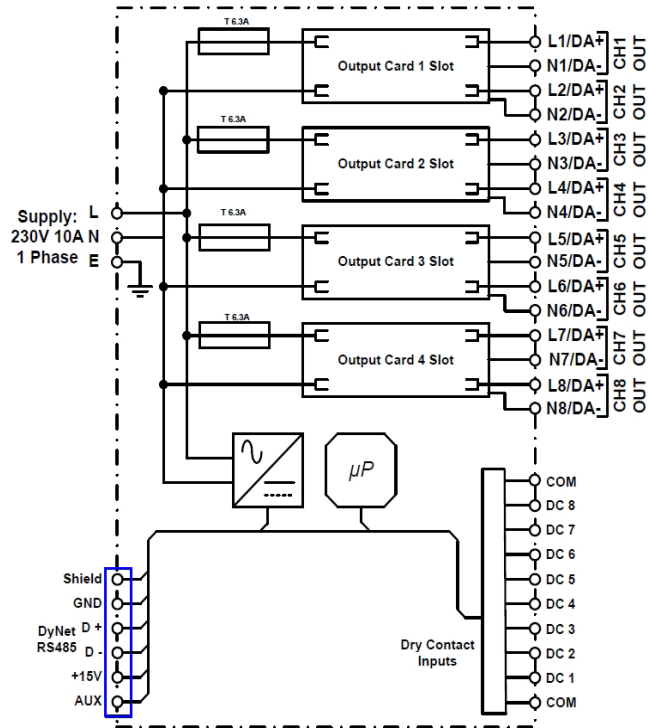
Mains rated dimmable LED fittings.

Switch loads.

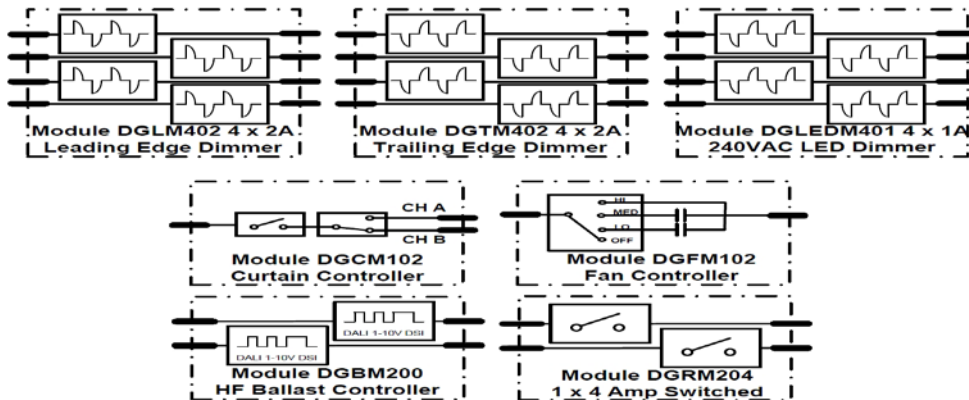
Mains powered directional blind motors.

electrical diagram)))

mounting dimensions)))



module electrical diagrams)))



Supplied by:



Melbourne
03 9701 2500

Sydney
02 9737 8988

info@lightmoves.com.au www.lightmoves.com.au