

Multipurpose Controllers

Within any project there can be found many different lighting load types required to achieve a desired result. Each of these different lighting load types may require a different style of control. The Philips Dynalite range of multipurpose controllers allows customisation of the output types via different output module units.

When using the DIN rail multipurpose controllers, a control type choice for each circuit can be made from relay, leading edge dimmer, trailing edge dimmer, ballast control, fan control and blind/screen control. In any combination, multiple load types can be controlled from a single device. This can help reduce installation complications and stop wasted capacity of circuits that are not required.

The DMC810 multipurpose controller combines leading edge dimming, ballast control, and relay switching into one device. With 10A sized channels this device is perfectly suited as a standalone device for lecture theatres, board rooms and meeting rooms or working with other load controllers as part of a larger system.



DDMC802GL – 8 x 2A Multipurpose Modular Controller

The DDMC802GL is an eight channel 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.
- Leading edge phase control dimmer; suitable for incandescent lamps and some types of dimmable electronic transformers.
- Signal 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.

Available output modules include:

- 1 x 5A Leading Edge Dimmer module (DGLM105)
- 4 x 2A Leading Edge Dimmer module (DGLM402)
- 4 x 2A Trailing Edge Dimmer module (DGTM402)
- 1 x 5A Trailing Edge Dimmer module (DGTM105)
- 2 x DALI Broadcast, 1-10V, DSI Controller module (DGBM200)
- 2 x 4A Relay Controller module (DGRM204)
- 1 x 2A SPDT Curtain Controller module (DGCM102)
- 1 x 400VA Fan Controller module (DGFM102)



DDMC802 – 8 x 2A Multipurpose Modular Controller

The DDMC802 is an eight channel controller with a maximum load per channel of 2A. A variety of output modules are available to suit different types of loads and the DDMC802 can accept up to eight 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.
- Leading edge phase control dimmer; suitable for incandescent lamps and some types of dimmable electronic transformers.
- Signal controller; suitable for controlling 1-10V and digital ballasts and transformers (a relay module should be paired with the Signal module when controlling 1-10V ballasts).
- 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.



- 230V \pm 14% 50/60Hz Single Phase at 16A
- 8 x output slots at 2A each
- Dimensions: H 93mm x W 211mm x D 75mm
- Packed weight: 0.94kg

Available output modules include:

- 1 x 2A Leading Edge Dimmer module (DDLMI02)
- 1 x 4A Leading Edge Dimmer module (DDLMI04)
- 1 x 2A Trailing Edge Dimmer module (DDTMI02)
- 1 x DALI Broadcast, 1-10V, DSI Controller module (DDBMI00)
- 1 x 4A Relay Controller module (DDRM104)
- 1 x 2A SPDT Curtain Controller module (DDCM102)
- 1 x 400VA Fan Controller module (DDFM102)

DDLE6RC202 – 6 x 2A Leading Edge 2 x 2A Relay Multipurpose Controller

The DDLE6RC202 is an eight channel controller with six leading edge dimming outputs and two switched outputs with a maximum load per channel of 2A. It is suitable for use with incandescent, low voltage, neon and selected fluorescent fixtures and any small switched load. It is also highly recommended for use in residential and hotel applications.

The DDLE6RC202 features Philips Dynalite's superior voltage regulation and soft start technologies, which protect low voltage lamps and dramatically increase lamp life.

The front panel of the DDLE6RC202-MO (Manual Override) version includes a rear lit keypad that provides status indication and local control of

individual channels. It also features an LED illuminated service switch for diagnostics and local override. Adjacent to the keypad is a network socket for ease of programming.

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



DMC810GL – 4 x 10A Leading Edge 4 x 10A Signal Multipurpose Controller

The DMC810GL multipurpose controller offers control of both incandescent lamps and electronic dimmable and switched ballasts and transformers. Four 10A circuit breakers protect eight channels rated at 10A each for control of dimmable loads. Four control outputs, selectable to 1-10V DC,

DSI and DALI Broadcast, are provided for Signal control. These control outputs can operate in tandem with, or separately from, the switched outputs. The ability to control mixed load types from the one controller provides savings on initial capital costs, as well as installation.

