Dynalite Multipurpose Controllers

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Within any project, many different lighting load types may be required to achieve a desired result. Each of these load types may require a different style of control. The Philips Dynalite range of multipurpose controllers allows customization of output types via different output module units. When using DIN-rail multipurpose controllers, a specific type of control can be chosen for each circuit: relay, leading-edge dimmer, trailing-edge dimmer, ballast control, controller with out-of-the-box functionality, fan control, and blind/screen control. In any combination, multiple load types can be controlled from a single device. This simplifies installation and prevents wasted capacity of circuits that are not required.

Benefits
· Controllers support distributed intelligence, i.e. each device has a CPU with presets and can act as a stand-alone control unit
· Some devices have out-of-the-box functionality with re-configuration capability
· Simplified network messages and commissioning process

Features
· Controllers can directly drive the different lighting groups within projects
· Controllers support an industry-standard RS485 port to communicate with other devices on the DyNet network, as well as with 3rd-party devices like HVAC, network devices, user interfaces
· Available in both DIN-rail and wall-box configurations
· Devices can store over 170 presets, allowing recall of complex switching logic from simple network messages
· Preset scenarios are stored within each relay device

Application
· Depends on the lighting system in which the controls are used

Dynalite Multipurpose Controllers

Versions

DMC2 Multipurpose Modular Controller

DMC4-CE Multipurpose Modular Controller

DMP603 GL UL

DMR610 GL UL

DSM4 XX

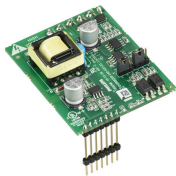**DCM DYNET Communications Module**

DSM2 XX Supply module
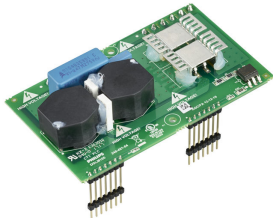
DDMC802 8 x 2A Multipurpose Modular Controller

Dynalite Multipurpose Controllers

Versions

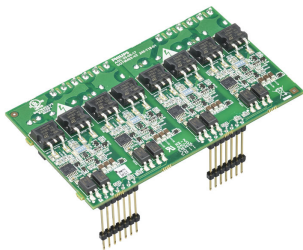**DGBM200 2 Channel Signal dimmer driver module**

DGLM105 1 x 5 A Leading edge dimmer module

DGLM402 4 x 2 A Leading edge dimmer module

DGRM204 2 x 4 A Relay control module

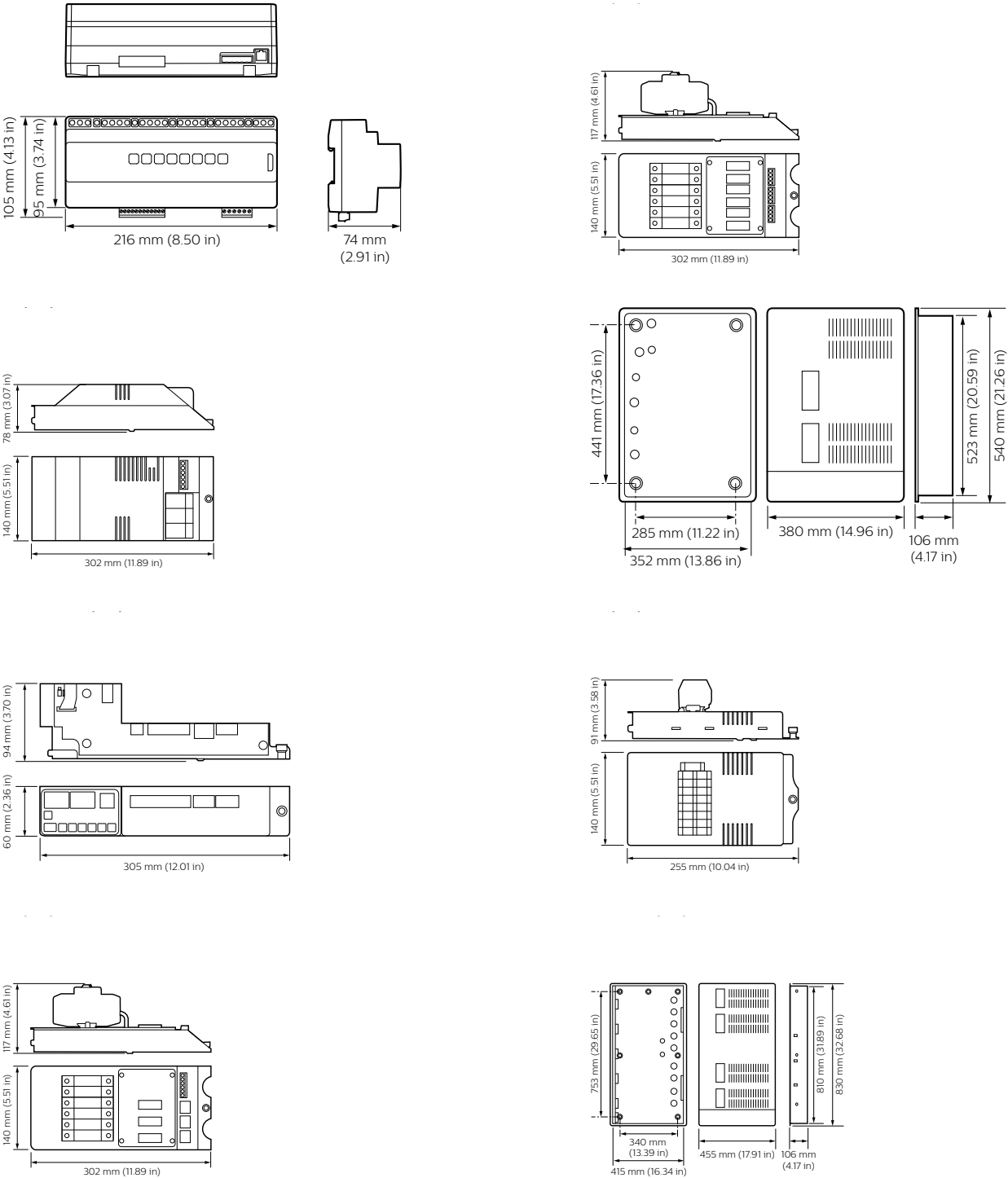**DGTM402 4 x 2 A Trailing edge dimmer module**

DGLM202 2 x 2 A Leading edge dimmer module
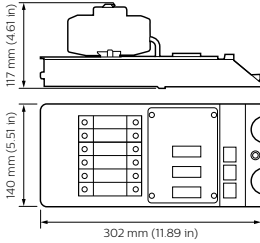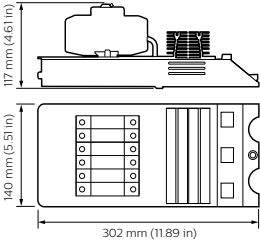
DGTM202 2 x 2 A Trailing edge dimmer module

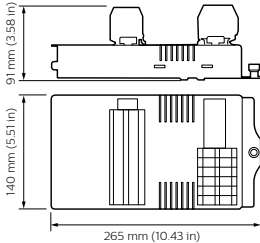# Dynalite Multipurpose Controllers

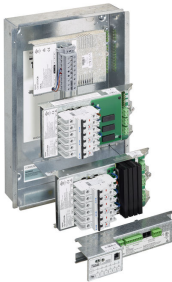## Dimensional drawing

Dynalite Multipurpose Controllers

Dimensional drawing

117 mm (4.61 in)
140 mm (5.51 in)
302 mm (11.89 in)

91 mm (3.58 in)
140 mm (5.51 in)
265 mm (10.43 in)

117 mm (4.61 in)
140 mm (5.51 in)
302 mm (11.89 in)

117 mm (4.61 in)
140 mm (5.51 in)
302 mm (11.89 in)
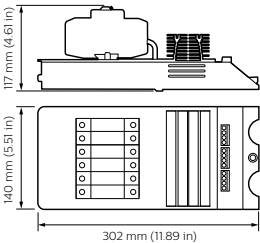
Product details

DMC2 Multipurpose Modular Controller – Front

DMC2 Multipurpose Modular Controller – exploded view

DMC2 Multipurpose Modular Controller – open

DMC4-CE Multipurpose Modular Controller – exploded view

Dynalite Multipurpose Controllers

Product details

DMC4-CE Multipurpose Modular
Controller – front
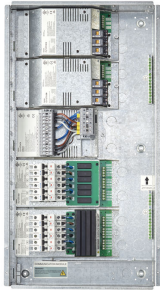
DMC4 Complete BottomOpen
Front

DMC4 DSM4 DMR316 DMD316
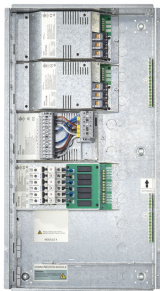DMR610 DMP603 BottomClose

DMC4 DSM4 DMR316 DMD316
DMR610 DMP603 BottomOpen

DMC4 DSM4 DMR316 DMD316
DMR610 DMP603

DMC4 DSM4 DMR316 DMD316
DMR610 DMP603 Front

DMC4 DSM4 DMR316 DMD316
DMR610 Front

DMC4 DSM4 DMR316 DMD316

Dynalite Multipurpose Controllers

Product details

DMC4 DSM4 DMR316

DMC4 DSM4 DMR316 Front

DMC4 DSM4 Front

DMC4 Empty BottomOpen

DMC4 UL BS

DMC4 UL Empty

DMC4 UL Empty Front

DMD316 FR UL Front

Dynalite Multipurpose Controllers

Product details

DMP603 GL UL Front

DMR316 FR UL Front

DMR610 GL UL Front

DSM4 XX Front

DCM-DYNET Communications module

DMP310_GL_UL Front

DMD316_UL Front
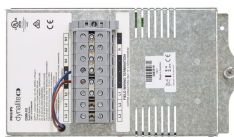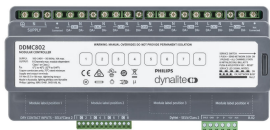

DMR316_UL Front

Dynalite Multipurpose Controllers

Product details
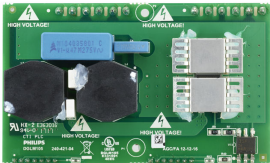
DSM2_XX Supply Module Front

DDMC802 front detail

DGBM200 2 Channel Signal dimmer driver module
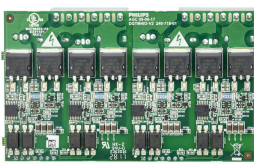

DGLM105 1 x 5 A Leading edge dimmer module

DGLM402 4 x 2 A Leading edge dimmer module
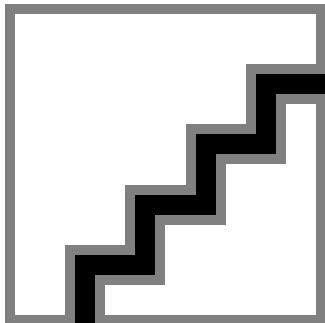

DGRM204 2 x 4 A Relay control module

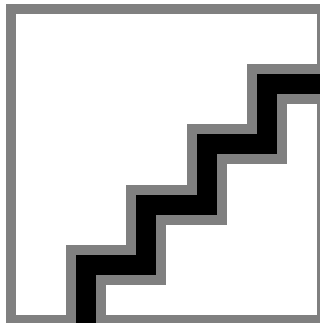**DGTM402 4 x 2 A Trailing edge dimmer module**

Dynalite Multipurpose Controllers

Product details

DGLM202 2 x 2 A Leading edge dimmer module

DGTM202 2 x 2 A Trailing edge dimmer module

www.lighting.philips.com

2023, August 2 – data subject to change