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

DMD316 FR UL

DCM DYNET Communications Module

DMP310 GL UL

DSM2 XX Supply module

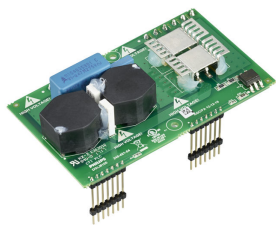**DDMC802 8 x 2A Multipurpose Modular Controller**

DGBM200 2 Channel Signal dimmer driver module

Dynalite Multipurpose Controllers

Versions

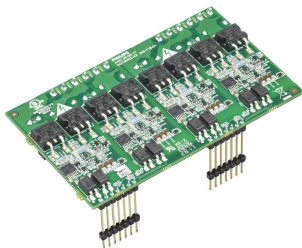**DGLM105 1 x 5 A Leading edge dimmer module**
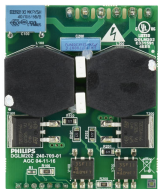

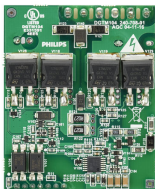**DGLM402 4 x 2 A Leading edge dimmer module**

DGRM204 2 x 4 A Relay control module

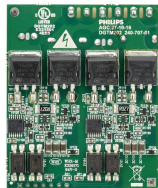**DGTM402 4 x 2 A Trailing edge dimmer module**

DGLM202 2 x 2 A Leading edge dimmer module

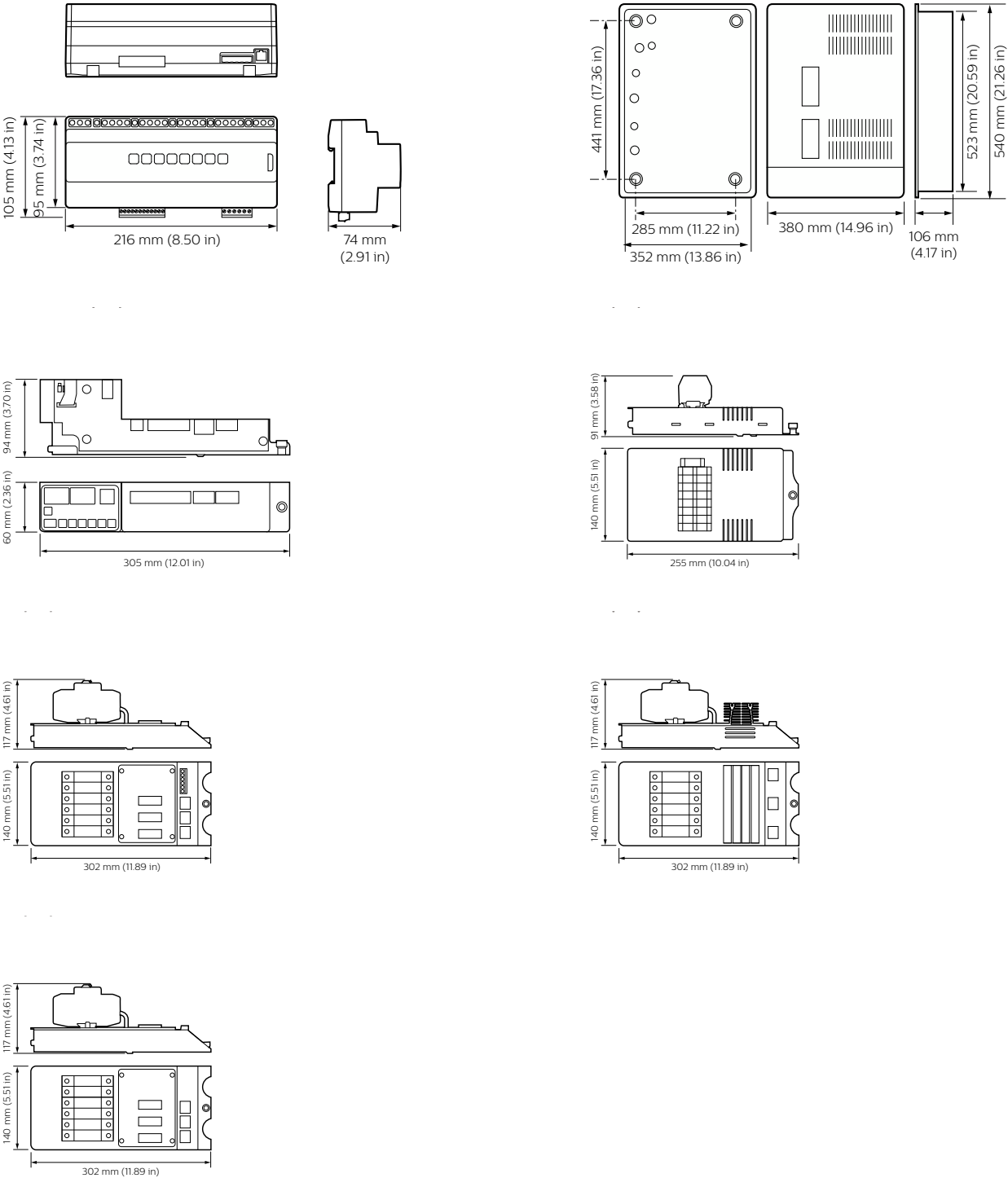**DGTM104 1 x 4 A Trailing edge dimmer module**

DGTM202 2 x 2 A Trailing edge dimmer module
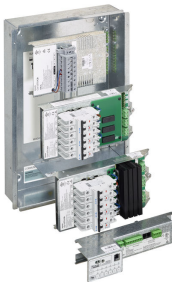

Dynalite Multipurpose Controllers

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Dimensional drawing
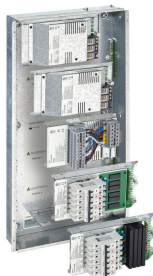

105 mm (4.13 in)
95 mm (3.74 in)
216 mm (8.50 in)
74 mm (2.91 in)

441 mm (17.36 in)
285 mm (11.22 in)
352 mm (13.86 in)
380 mm (14.96 in)
106 mm (4.17 in)
523 mm (20.59 in)
540 mm (21.26 in)

94 mm (3.70 in)
60 mm (2.36 in)
305 mm (12.01 in)

91 mm (3.58 in)
140 mm (5.51 in)
255 mm (10.04 in)

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

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Dynalite Multipurpose Controllers

Product details

DMC2 Multipurpose Modular
Controller – Front

DMC2 Multipurpose Modular
Controller – exploded view

DMC2 Multipurpose Modular
Controller – open

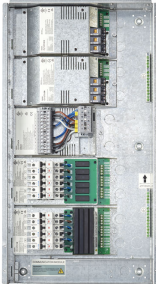DMC4–CE Multipurpose Modular
Controller – exploded view

DMC4 DSM4 DMR316 DMD316
DMR610 DMP603 BottomClose
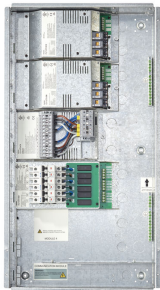

DMC4 DSM4 DMR316 DMD316
DMR610 DMP603 BottomOpen

DMC4 DSM4 DMR316 DMD316
DMR610 DMP603

DMC4 DSM4 DMR316 DMD316
DMR610 DMP603 Front

Dynalite Multipurpose Controllers

Product details

DMC4 DSM4 DMR316 DMD316 DMR610 Front

DMC4 DSM4 DMR316 DMD316

DMC4 DSM4 DMR316

DMC4 DSM4 DMR316 Front

DMD316 FR UL Front

DCM-DYNET Communications module
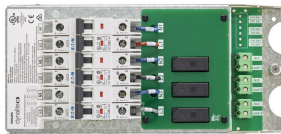
DMP310_GL_UL Front
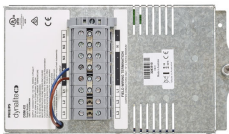
DMD316_UL Front
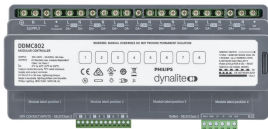
Dynalite Multipurpose Controllers

Product details

DMR316_UL Front
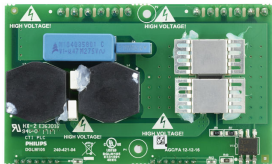

DSM2_XX Supply Module Front
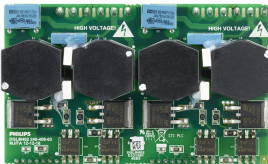

DDMC802 front detail

DGBM200 2 Channel Signal dimmer driver module

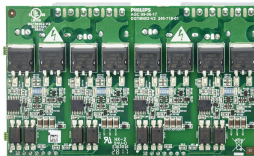**DGLM105 1 x 5 A Leading edge dimmer module**

DGLM402 4 x 2 A Leading edge dimmer module
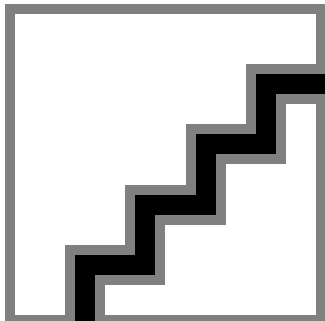

DGRM204 2 x 4 A Relay control module

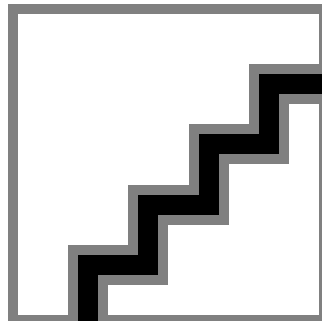**DGTM402 4 x 2 A Trailing edge dimmer module**
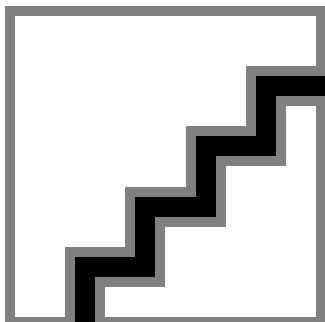
Dynalite Multipurpose Controllers

Product details

DGLM202 2 x 2 A Leading edge dimmer module

DGTM104 1 x 4 A Trailing edge dimmer module

DGTM202 2 x 2 A Trailing edge dimmer module

www.lighting.philips.com

2023, August 2 – data subject to change