

DMC2

Multipurpose Modular Controller



Specification Sheet

Controllers > Multipurpose Controllers



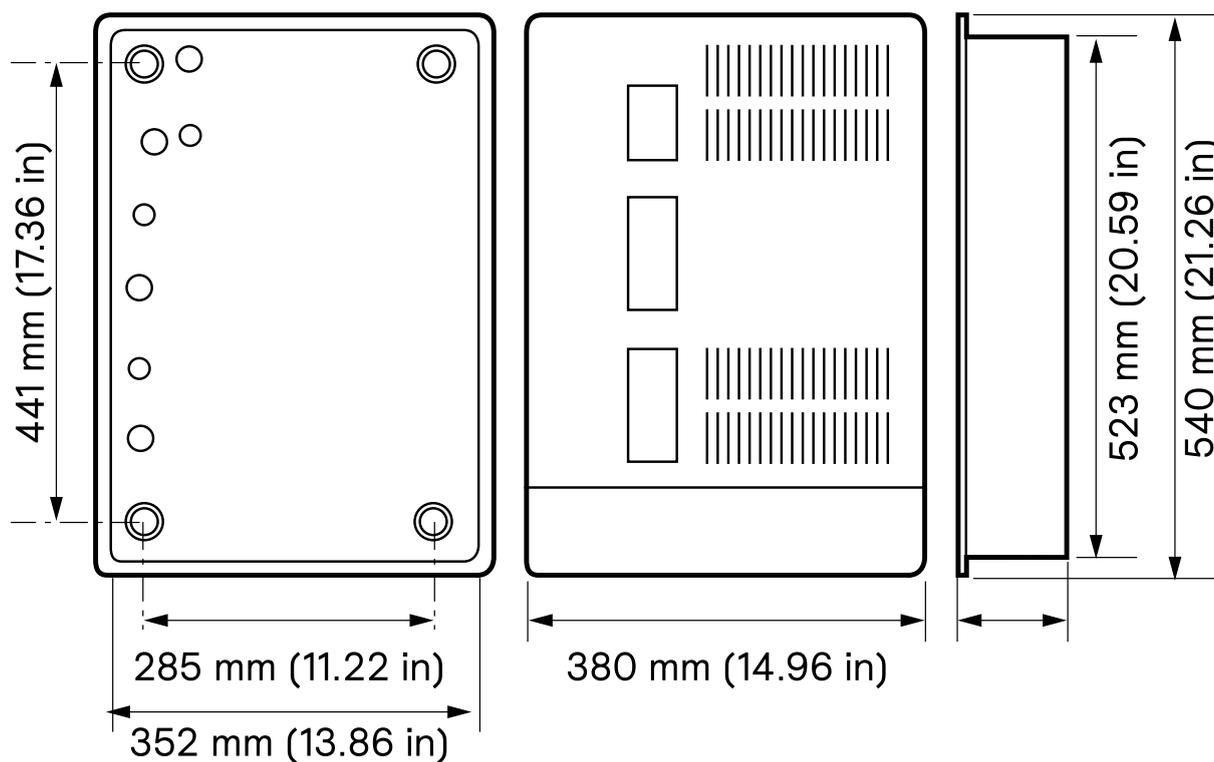
Control different load types with one device

The Dynalite DMC2 provides multichannel control via four interchangeable output modules. The device is available with a variety of control modules to handle various load types and capacities.

Key Features

- **Single controller solution** - Control a multitude of load types from one device, suited to any segment requiring lighting or relay control (See module Specification Sheets for additional information).
- **Phase-cut dimming module** - Selectable per channel for leading or trailing edge output. Compatible with most dimming loads.
- **Signal dimming module** - Suitable for controlling DALI Addressable, DALI Broadcast, 1-10 V, and DSI drivers. Built-in relays remove power when channel level is at 0%.
- **Relay control module** - Suitable for controlling most types of switched loads.
- **Flexible mounting** - Enclosure design supports surface or recess mounting.
- **Passive cooling** - Fanless design reduces noise, power consumption, and maintenance costs.

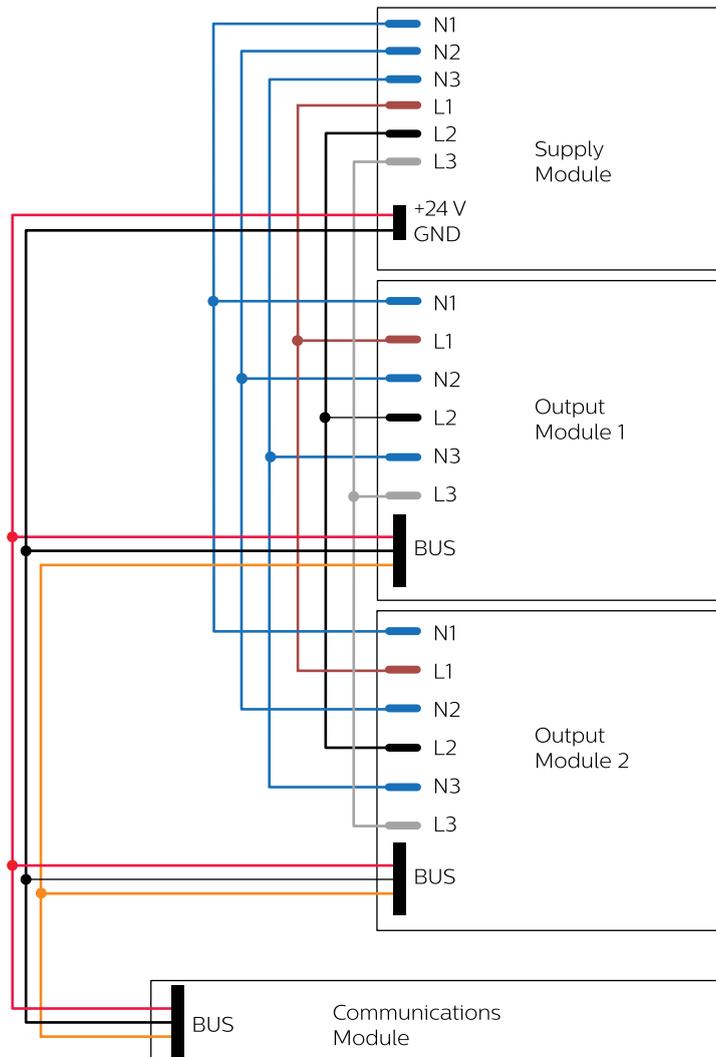
Dimensions



Specifications

| Physical | | Environment | |
|--------------------|---|-------------------------------|---|
| Dimensions | 540 x 380 x 106 mm (21.26 x 14.96 x 4.17 in) | Operating Temperature | 0° to 40°C ambient (32° to 104°F) |
| Packed Weight | 8.9 kg (19.62 lb) (enclosure only) | Storage/Transport Temperature | -25° to 70°C ambient (-13° to 158°F) |
| Construction | Galvanised steel enclosure Powder-coated front cover | Relative Humidity | ≤90% non-condensing |
| Output Module Bays | 2 | IEC Pollution Degree | II |
| Mains Cable Entry | 15 x Ø 28.2 mm (1.11 in) knockout* 12 x Ø 22.2 mm (0.87 in) knockout | Installation Note | For indoor installation only |
| Data Cable Entry | 2 x Ø 28.2 mm (1.11 in) knockout* *(Suitable for ¾ inch conduit) | Compliance | |
| | | Certifications | CE, RCM, UL/cUL, FCC, ISED, UKCA, RoHS |

Electrical Drawing



Ordering Codes

| Product | 12NC |
|--|--------------|
| DMC2-CE (Also suitable for UKCA markets) | 913703666109 |
| DMC2-UL | 913703666009 |

| Accessory | 12NC |
|--|--------------|
| DINGUS-DMC-UL Dual RJ45 connector - pack of 10 | 913703064209 |

Modules

| Module | 12NC |
|---|--------------|
| DSM2 DMC2 Supply module (Also suitable for UKCA markets) | 913703500509 |
| DCM-DyNet DyNet Comms module (Also suitable for UKCA markets) | 913703666209 |
| DMD310-CE 3 x 10 A Signal dimmer control | 913703666609 |
| DMD310-RCBO-CE 3 x 10 A Signal dimmer control with RCBO | 913703667109 |
| DMD316-CE 3 x 16 A Signal dimmer control | 913703666709 |
| DMD316-RCBO-CE 3 x 16 A Signal dimmer control with RCBO | 913703667209 |
| DMD316-UL 3 x 16 A Signal dimmer control (UL) | 913703667509 |
| DMD316FR-UL 3 x 16 A Signal dimmer control (UL) | 913703668709 |
| DMR310-CE 3 x 10 A Relay control | 913703666409 |
| DMR310-RCBO-CE 3 x 10 A Relay control with RCBO | 913703666909 |
| DMR316-CE 3 x 16 A Relay control | 913703666509 |
| DMR316-RCBO-CE 3 x 16 A Relay control with RCBO | 913703667009 |
| DMR316-UL 3 x 16 A Relay control (UL) | 913703667409 |
| DMR610GL-CE 6 x 10 A Relay control | 913703668209 |
| DMR610GL-RCBO-CE 6 x 10 A Relay control with RCBO | 913703668309 |
| DMR610GL-UL 6 x 10 A Relay control (UL) | 913703668109 |
| DMP310GL-CE 3 x 10 A Phase cut dimmer | 913703666809 |
| DMP310GL-RCBO-CE 3 x 10 A Phase cut dimmer with RCBO | 913703667309 |
| DMP310GL-UL 3 x 10 A Phase cut dimmer (UL) | 913703667609 |
| DMP603GL-CE 6 x 3 A Phase cut dimmer | 913703668509 |
| DMP603GL-RCBO-CE 6 x 3 A Phase cut dimmer with RCBO | 913703668609 |
| DMP116 1 x 16 A Phase cut dimmer (Also suitable for UKCA markets) | 913703348309 |