

DMC4

Multipurpose Modular Controller



Specification Sheet

Controllers > Multipurpose Controllers



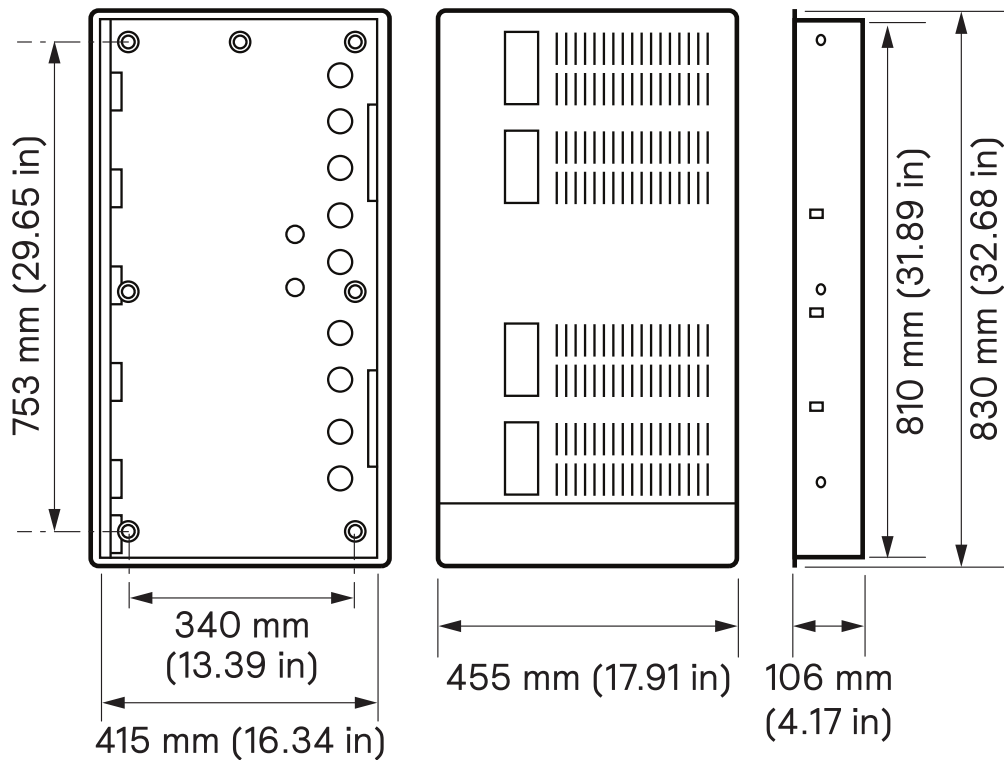
Control different load types with one device

The Dynalite DMC4 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.

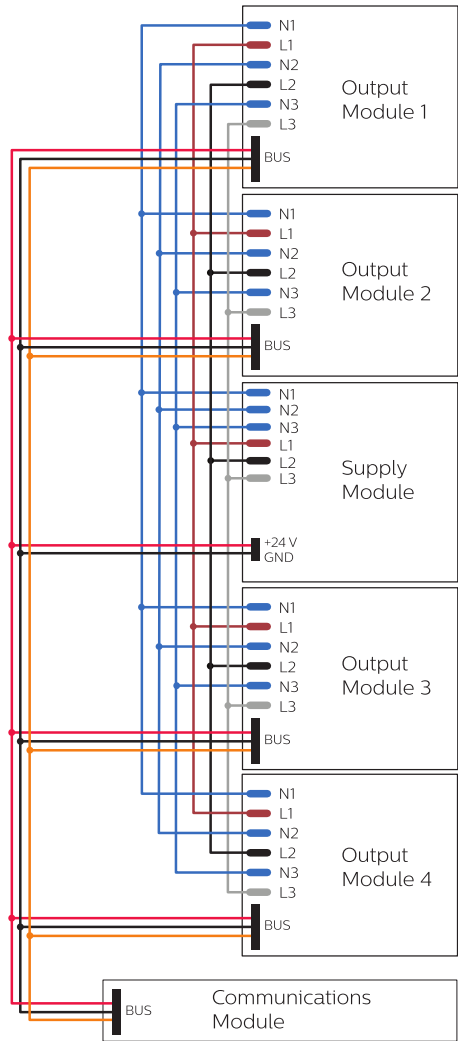
Dimensions



Specifications

Physical		Environment	
Dimensions	830 x 455 x 106 mm (32.68 x 17.91 x 4.17 in)	Operating Temperature	0° to 40°C ambient (32° to 104°F)
Packed Weight	13.7 kg (30.2 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	4	IEC Pollution Degree	II
Mains Cable Entry	90 x 80 mm (3.54 x 3.15 in) gland plate 19 x Ø 35 mm (1.38 in) knockout* 18 x Ø 28.2 mm (1.11 in) knockout**	Installation Note	For indoor installation only
Data Cable Entry	3 x Ø 28.2 mm knockout** *Suitable for 1 inch conduit **Suitable for ¾ inch conduit	Compliance	
		Certifications	CE, RCM, UL/cUL, FCC, ISED, UKCA, RoHS

Electrical Drawing



Ordering Codes

Product		12NC
DMC4-CE	(Also suitable for UKCA markets)	913703667909
DMC4-UL		913703667809

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

Modules

Module		12NC
DSM4	DMC4 Supply module (Also suitable for UKCA markets)	913703668009
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

Policies and Notices

Specific Data Notice

This Specific Data Notice applies to the Controllers as specified in this product specification sheet (the "**Controller**") that is part of or works with a Professional System offered by Signify for use in the European Union and supplements and/or corrects the Generic Data Notice For Professional Systems and Services that can be found at <https://www.signify.com/global/resources/policies-announcements> (the "**Generic Data Notice**") by providing additional and/or more specific details specific to this Controller.

Terms starting with a capital in this Specific Data Notice will have the meaning as attributed thereto in the Generic Data Notice, unless explicitly defined otherwise in this document.

When used in a Signify professional lighting system in combination with a Dynalite Gateway with either the Dynalite Switch App, Dynalite System Builder, Dynalite System Manager, or Dynalite Cloud, the Controller can generate the Data as specified below:

- Operational Data: Lighting control commands based on the configured control logic in the product via the DyNet network
- Sensor Data: This product does not generate any sensor data.

The type and volume and format of Data that is generated depends on the actual devices connected to the Controller, the product and/or software configuration. For further details on data generation capabilities of such devices, please check the product specification sheets of such devices.

The Data generated in this combination is communicated via the network to the gateway and is stored on the gateway. If configured to do so, the gateway can forward the Data to Dynalite Cloud or to Dynalite System Manager. For applicable retention period and means of access to Data that is Readily Available Data, please refer to the Dynalite Cloud software specification sheet. Data cannot be accessed directly from the Controller. Data can be accessed from the Gateway using Dynalite System Builder or directly from any of the APIs of the Gateway. The Gateway will persist the Data for 28 days on a rolling basis.

This Specific Data Notice may be changed by Signify from time to time. The current version of this notice will apply and can be obtained at request via the point of contact as indicated in paragraph 7 of the Generic Data Notice.