

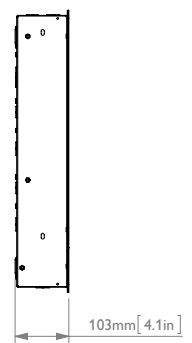
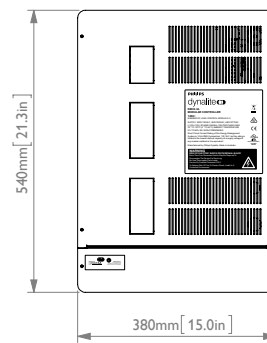
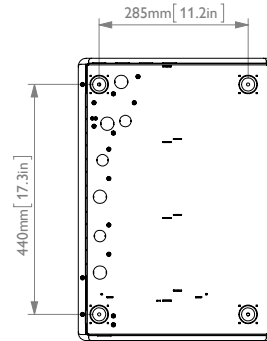


DMC2-CE Multipurpose Modular Controller

Control different load types with one device

The Philips Dynalite DMC2 provides multichannel control via two interchangeable modules. The device is available with a variety of control modules to handle various load types and capacities. This model is suitable for use in CE markets.

- Single controller solution — Control a multitude of load types from one device, suited to any segment requiring indoor lighting or relay control.
- Phase-cut dimming module — Selectable per channel for Leading or Trailing Edge output. Compatible with most dimming loads.
- Signal dimming module — Suitable for controlling 1-10V, DSI and DALI Broadcast drivers. A built-in relay removes power when channel level is at 0%.
- Relay control module — Suitable for controlling most types of switched loads.
- Flexible mounting solution — Surface or recess mountable enclosure.
- Passive cooling — Fanless design reduces noise, power consumption and maintenance costs.



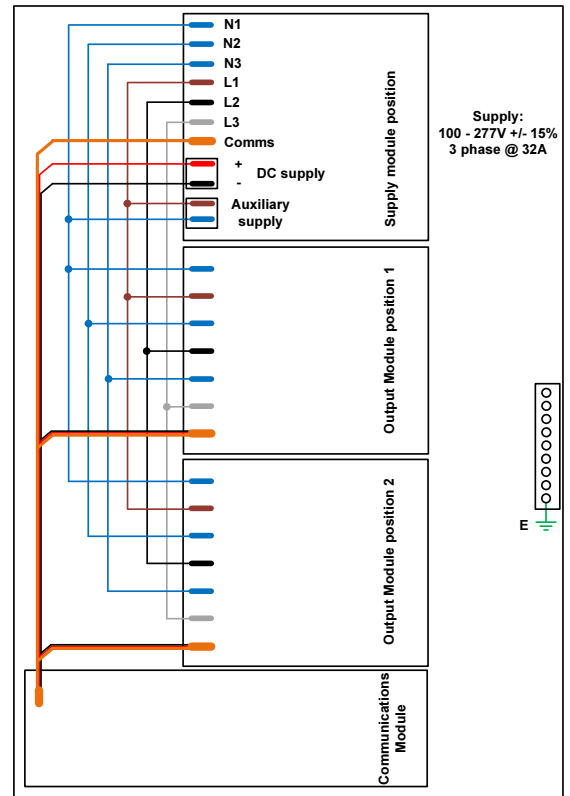
For detailed product information, please refer to the product information pages at <http://www.lighting.philips.com/>

Specifications

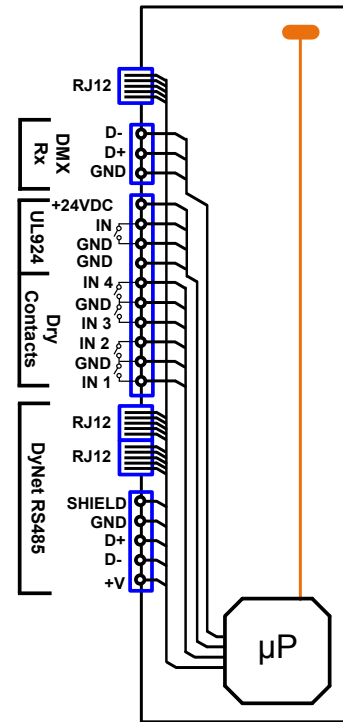
Due to continuous improvements and innovations, specifications may change without notice.

Item	Specification	Details															
Electrical	Input Voltage	120/208, 230/400, 277/480 VAC (+10% / -15%) 3-Phase, 4-Wire (Y), or Single Phase IEC Overvoltage Category III															
	Input Current	32A per phase or single phase 63A max															
	Input Frequency	50/60Hz															
	DyNet DC Supply	12/24VDC (selectable) @ max 200mA (Class 2)															
	Control Modules	<p>DMD310-CE*: 3 x 10A 1-10V, DSI or DALI broadcast DMD316-CE*: 3 x 16A 1-10V, DSI or DALI broadcast 1-10V: 50mA sink/source, max 100 drivers per channel DALI/DSI: 16VDC 130mA nom. max drivers: 64 per channel (192 per module) max current: 190mA per channel (No external DALI power supply permitted)</p> <p>DMP310-GL-CE*: 3 x 10A Leading/Trailing Edge dimming. Maximum module output 14A Current limited to 4.3A per channel at 277V</p> <p>DMR310-CE*: 3 x 10A relay (lighting and resistive load), 1HP (120/230/277V) (motor load)</p> <p>DMR316-CE*: 3 x 16A relay (lighting and resistive load), 1HP (120V), 2HP (230/277V) (motor load)</p> <p>* Line, Neutral for each channel Conductor size 1 x 16 mm² (AWG6) Inrush current rating: 500 A for 200 μs</p>															
Control	Communication Module	One RS-485 DyNet serial port (1 x 5-way pluggable screw terminal + 3 x RJ-12 sockets) One DMX512 Rx port Four programmable dry contact AUX inputs (non-isolated) One UL924 trigger input† Service switch Diagnostic LED Channel override keypad † This function must only be used with systems complying to UL924, and must not be used with any other system.															
	Diagnostic Functions	Device online/offline status Channel on/off/faulty status DyNet Watchdog															
	Supply Module	Line 1, Line 2, Line 3, Neutral 1x16mm ² (#6-20 AWG) max conductor size. Earth link bar provided															
Physical	Dimensions (H x W x D)	540mm(21.3") x 380mm (15") x 103mm (4.1")															
	Packed Weight	<table border="0"> <tr><td>DMC2</td><td>8.9kg (19.6lbs)</td></tr> <tr><td>DSM2-XX</td><td>1.1kg (2.4lbs)</td></tr> <tr><td>DCM-DyNet</td><td>0.8kg (1.8lbs)</td></tr> <tr><td>DMR31X</td><td>1.7kg (3.7lbs)</td></tr> <tr><td>DMD31X</td><td>1.8kg (4lbs)</td></tr> <tr><td>DMP310-GL</td><td>2.1kg (4.6lbs)</td></tr> </table>	DMC2	8.9kg (19.6lbs)	DSM2-XX	1.1kg (2.4lbs)	DCM-DyNet	0.8kg (1.8lbs)	DMR31X	1.7kg (3.7lbs)	DMD31X	1.8kg (4lbs)	DMP310-GL	2.1kg (4.6lbs)			
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Construction	Galvanized steel case with powder coated front covers																
Operating Conditions	Temperature: 0 to 40°C (32 to 104°F) ambient Humidity: 0 to 95% non-condensing IEC Pollution Degree II																
Storage & Transport	Temperature: -25 to 60°C (-13 to 140°F) ambient Humidity: 0 to 90% non-condensing																
Certification	CE, RCM, RoHS High SCCR 22 kA @ 277 VAC (UL67)																
Options & Ordering	<table border="0"> <tr><td>DMC2-CE</td><td>(Philips 12NC - 913703666109)</td></tr> <tr><td>DMD310-CE</td><td>(Philips 12NC - 913703666609)</td></tr> <tr><td>DMD316-CE</td><td>(Philips 12NC - 913703666709)</td></tr> <tr><td>DMP310-GL-CE</td><td>(Philips 12NC - 913703666809)</td></tr> <tr><td>DMR310-CE</td><td>(Philips 12NC - 913703666409)</td></tr> <tr><td>DMR316-CE</td><td>(Philips 12NC - 913703666509)</td></tr> <tr><td>DCM-DyNet</td><td>(Philips 12NC - 913703666209)</td></tr> <tr><td>DSM2-XX</td><td>(Philips 12NC - 913703500509)</td></tr> </table>	DMC2-CE	(Philips 12NC - 913703666109)	DMD310-CE	(Philips 12NC - 913703666609)	DMD316-CE	(Philips 12NC - 913703666709)	DMP310-GL-CE	(Philips 12NC - 913703666809)	DMR310-CE	(Philips 12NC - 913703666409)	DMR316-CE	(Philips 12NC - 913703666509)	DCM-DyNet	(Philips 12NC - 913703666209)	DSM2-XX	(Philips 12NC - 913703500509)
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Electrical Diagram



Communication Module



RCBO modules	Part Number
DMD310-RCBO-CE	(Philips 12NC - 913703667109)
DMD316-RCBO-CE	(Philips 12NC - 913703667209)
DMP310-GL-RCBO-CE	(Philips 12NC - 913703667309)
DMR310-RCBO-CE	(Philips 12NC - 913703666909)
DMR316-RCBO-CE	(Philips 12NC - 913703667009)



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