

DMRC210

Two-Channel Relay Controller



Specification Sheet

Controllers > Relay Controllers



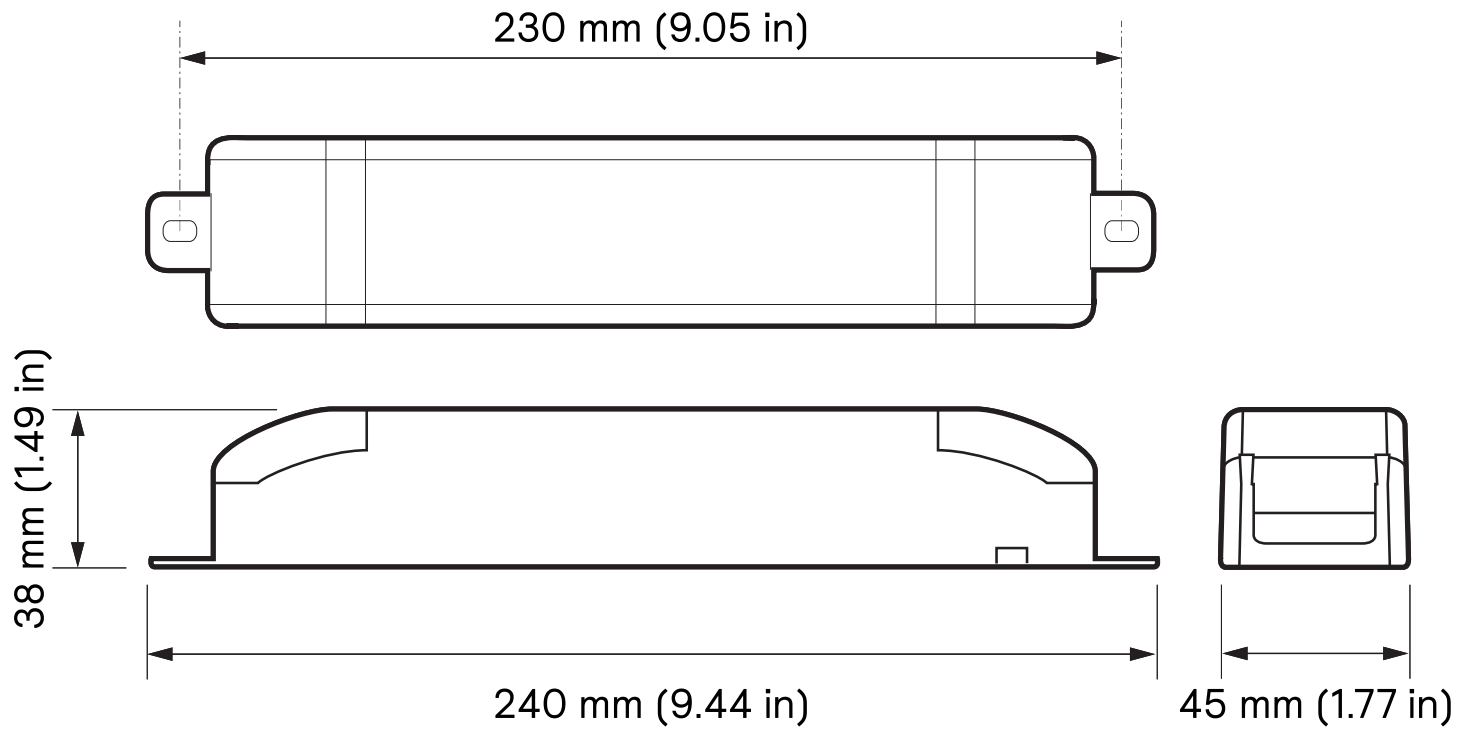
Luminaire-mounted control of switched loads

The Dynalite DMRC210 provides intelligent, networked, two-channel control of individual luminaires. The compact design fits inside the gear enclosure of many lighting fixtures.

Key Features

- **Two relay outputs** – Used to control mains supply to the fixture.
- **Gear enclosure mounting** – Compact design enables mounting directly within the gear enclosure of many light fixtures.
- **Fully rated device** – Robust relay provides reliable control of difficult lighting loads.
- **Inbuilt diagnostic functionality** – Device Online/Offline status indication.

Dimensions



Specifications

Electrical	
Supply Type	Single-phase
Supply Voltage	100-240 VAC
Supply Current	20 A
DyNet DC Output Voltage	12 VDC
DyNet DC Output Current	150 mA (supports approx. 7 user interfaces)
Relay Outputs	2 x switched

Control	
Communication Ports	1 x RS-485
Supported Protocols	DyNet DMX Rx
DMX Rx Channels	2
Diagnostic Functions	Device online/offline status

Physical	
Dimensions	38 x 240 x 45 mm (1.49 x 9.05 x 1.77 in)
Packed Weight	0.19 kg (0.42 lb)
Construction	Double-insulated ABS plastic
Serial Ports	5 x screw terminal
Serial Port Conductor Size	0.3-2.5 mm² (#22-12 AWG)
Load Terminals	3 x screw terminal
Load Terminal Conductor Size	≤5 mm² (#10+ AWG)
Supply Terminals	2 x screw terminal
Supply Terminal Conductor Size	≤5 mm² (#10+ AWG)

Environment	
Operating Temperature	0° to 50°C ambient (32° to 122°F)
Storage Temperature	-25° to 70°C ambient (-13° to 158°F)
Relative Humidity	≤90% non-condensing
IEC Pollution Degree	II
Installation Note	For indoor installation only

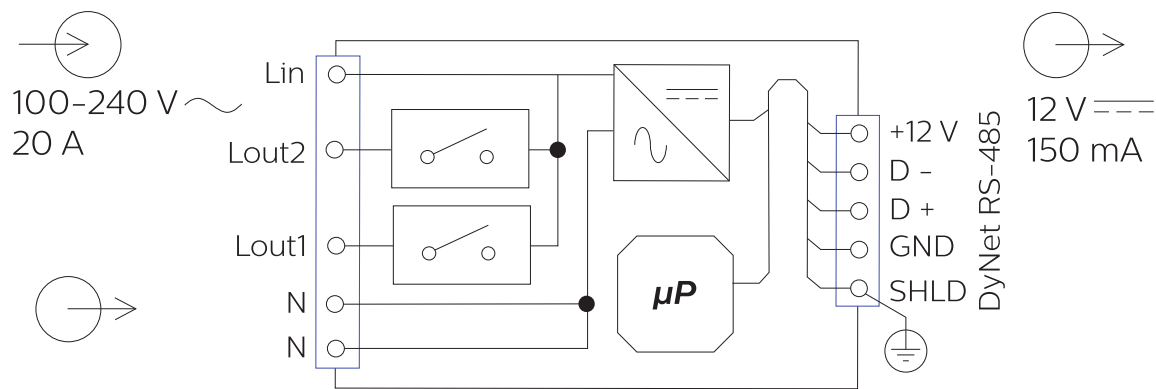
Compliance	
Certifications	CE, RCM, UKCA, RoHS



Output Channel Ratings

Load Type	CH1, CH2
General Use	10 A, 240 VAC
Incandescent	5 A, 240 VAC
Electronic Driver	3 A, 240 VAC
Inrush Current	165 A
Total Device Load	
≤ 20 A	

Electrical Drawing



Ordering Codes

Product	12NC
DMRC210	913703050009