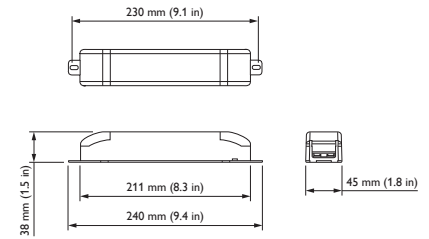# DMRC210-RJ-DA Relay Controller
Intelligent sub-networked control of luminaires

The Philips Dynalite EcoSet DMRC210-RJ-DA relay controller is designed to allow intelligent, sub-networked control of luminaires, when used in combination with the EcoSet DUS804C-RJ-DA occupancy sensor.

230 mm (9.1 in)

38 mm (1.5 in)

211 mm (8.3 in)

240 mm (9.4 in)

45 mm (1.8 in)

- Incorporates two relay outputs — Two independently controlled relay outputs designated for switching lighting loads.

- Gear enclosure mounting — Compact design allows the device to be mounted directly within the gear enclosure of many light fittings.

- Fully rated device — Suitable for large in-rush lighting loads.

- Dipswitch configuration — Allows rapid set area configuration and provides out-of-the-box functionality without the need for a PC and software on-site.

- Standalone or networked operation — Though programmed without PC software, the device can be integrated into a fully networked Philips Dynalite system when extra functionality is required.

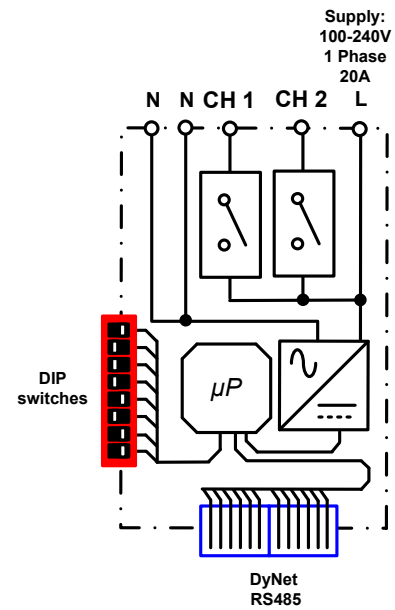- Inbuilt diagnostic functionality — Features Device Online/Offline status indication.

For detailed product information, please refer to the product information pages at www.philips.com/dynalite and follow the links.

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dynalite

Specifications

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

Item	Specification	Details
Electrical	Input Voltage	100 - 240 VAC 50 / 60 Hz Single Phase @ 20 A
	DyNet DC Supply	12 V @150 mA (supply for approx 7 user interfaces)
	Outputs	2 x switched @ 10 A (inductive) Maximum device load 180 A
	Switching Device	Relay, Tungsten pilot contact, 16 A inductive, 165 A surge
Control	Control Inputs/Outputs	One DMX512 / RS-485 DyNet serial port
	Preset Scenes	170
	Diagnostic Functions	Device online/offline status
Physical	Supply Terminals	Line, Neutral 1 x 4 mm² maximum conductor size
	Output Terminals	Line 1, Line 2, Neutral 1 x 4 mm² maximum conductor size
	Network Terminals	Two RJ12 network sockets
	Dimensions (L x W x D)	240 mm x 45 mm x 38 mm (9.4" x 1.8" x 1.5")
	Packed Weight	0.19 kg
	Construction	ABS plastic
	Operating Conditions	Temperature: 0 to 50° C ambient Humdity: 0 to 95% non-condensing
	Storage & Transport	Temperature: -25 to 60° C ambient Humidity: 0 to 90% non-condensing
Certification	Certification	CE, C-Tick
Options & Ordering	Standard Product	DMRC210-RJ-DA (Philips 12NC 913703050109)

Electrical Diagram

CE