PHILIPS



DDRC810-GL Relay Controller

The DDRC810-GL controllers are designed to operate any type of switched load. The DDRC810-GL incorporates common supply SPST output relays, suitable for ON/OFF control of all types of mains rated equipment. The device is DIN rail mountable, designed for installation within a switchboard or next to circuit breakers feeding the circuits to be controlled. The devices can operate as stand-alone units or as part of an integrated system when connected to a DyNet network.

technical data >>>



Supply

100-240V, 50/60Hz Single Phase at max. 20A

Outputs

DDRC810-GL – 8 x switched SPST common supply outputs: resistive relay contact TV5 rated 16A 250V AC

Maximum Total Box Load

20A Box Load

Control IO

1 x RS485 DyNet serial port/DMX 1 x AUX programmable dry contact input

User Controls

Service Over-ride switch Diagnostic LED

Internal Controls

Inbuilt Programmable Logic Controller

DyNet DC Supply

12V @ 120mA (supply for approx. 6 panels)

Preset Scenes

170

Supply Terminals

Line, Neutral, Earth 2 x 2.5mm² or 1 x 4mm² max conductor size

Output Terminals

C, NO, NC for each channel 1 x 4mm² max conductor size

Diagnostic Functions

Circuit run time tracking on each channel Device Online/Offline status

Compliance

CE, C-Tick

Operating Environment

0° to 50°C ambient temperature 0% to 95% RH non condensing

Enclosure

Polycarbonate DIN-rail enclosure (12 unit)

Dimensions

H 93mm x W 211mm x D 75mm

Weight

Packed weight 0.82kg

load compatibility >>>

Any switched load, up to 10A per channel

options }}

Manual Override - MO

front panel override switches, ideal for contactor control applications. Includes:

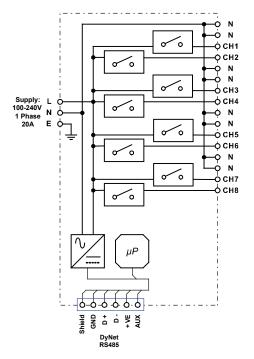
- ON/OFF/AUTO override switch for each channel
- · LED status indicator for each channel

PHILIPS

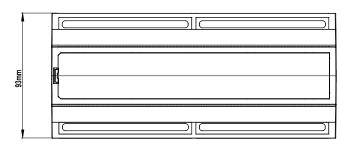


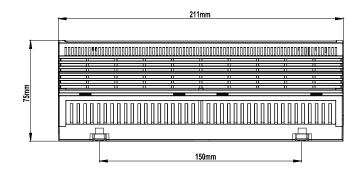
DDRC810-GL Relay Controller

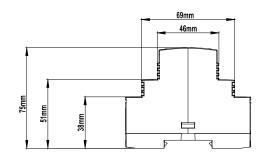
electrical diagram - DDRC810)))



mounting dimensions >>>







PHILIPS



t +61 2 8338 9899 • f +61 2 8338 9333 www.philips.com/dynalite • info@dynalite-online.com

DDRC810-GL Data Sheet Rev J April 2011

Specifications subject to change without notice. © WMGD Pty Ltd Trading as Dynalite. Unit 6, 691 Gardeners Road Mascot 2020 Australia. ABN 33 097 246 921. All rights reserved. Dynalite, DyNet and associated logos are the registered trademarks of WMGD Pty Ltd. Not to be reproduced without permission.

For further information contact: