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DDLE6RC202

Leading Edge/Relay Multipurpose Controller

The DDLE6RC202 is an eight channel controller with six leading edge dimming outputs and two switched outputs with a maximum load per channel of 2 Amps. It is suitable for use with incandescent, low voltage, neon and selected fluorescent fixtures, and any small switched load. It is also highly recommended for use in residential and hotel applications. The DDLE6RC202 features Philips Dynalite's superior voltage regulation and soft start technologies, which protect low voltage lamps and dramatically increase lamp life.

The front panel of the DDLE6RC202-MO (Manual Over-ride) version includes a rear lit keypad that provides status indication and local control of individual channels. It also features an LED illuminated service switch for diagnostics and local override. Adjacent to the keypad is a network socket for ease of programming.

The device is DIN rail mountable, designed to be installed in a switchboard, optionally next to circuit breakers feeding the circuits to be controlled.

technical data >>>



Supply

230V 50/60Hz Single Phase & neutral at 16A

Outputs

6 x dimmed outputs (leading edge phase control) at 2A.

2 x switched outputs at 2A Maximum device load is 16A. A derating factor may need to be applied if installed in a smaller sealed switchboard, see Instruction Manual for details

Overload Protection

Each pair of channels protected by a replaceable 6.3A time delay M205 fuse

Regulating Device

Triac - 20A, 600V.

Switching Device

Relay - 10A

Power Conditioning

- Regulated outputs
- Over voltage protection
- Surge protection
- · Brownout/Sag protection
- Spike protection
- Soft start
- 16 bit fade resolution (65,535 steps)

Front Panel Controls (-MO version)

Channel Over-ride switches Channel Status indicators Service Switch Service LED RS485 DyNet port

Control Inputs

1 x RS485 DyNet and DMX512 serial port

1 x AUX programmable dry contact input

DyNet DC Supply

12V @ 120mA (supply for approx 6 panels

Preset Scenes

170

Diagnostic Functions

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

Supply Terminals

Line, Neutral, Earth

2 x $2.5 mm^2$ or 1 x $4 mm^2$ conductor size

Output Terminals

Line, Neutral for each channel, 2 x 2.5mm² or 1 x 4mm² conductor size

Operating Environment

0° to 40°C ambient temperature 0% to 95% RH non condensing

Compliance

CE, C-Tick

Enclosure

ABS DIN Rail enclosure (12 unit)

Dimensions

H 96mm x W 211mm x D 75mm

Weight

Packed weight 0.94kg

load compatibility \>>

Incandescent

Iron core transformers

Leading edge electronic transformers Switched loads

options }}

Manual Over-ride -MO

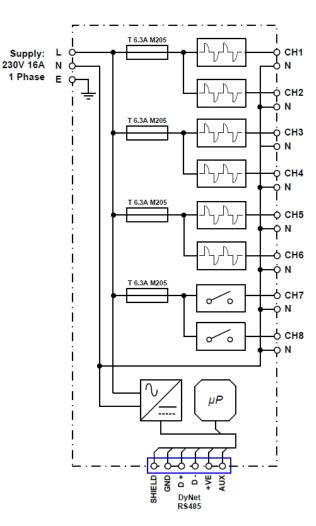
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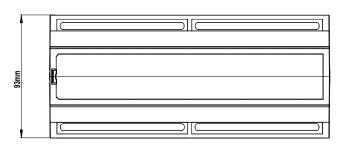
DDLE6RC202

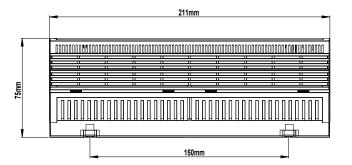
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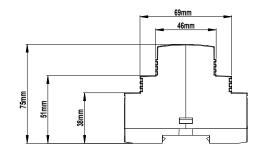
electrical diagram)))



mounting dimensions >>>







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