

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 2.5mm<sup>2</sup> or 1 x 4mm<sup>2</sup> conductor size

**Output Terminals**

Line, Neutral for each channel,  
 2 x 2.5mm<sup>2</sup> or 1 x 4mm<sup>2</sup> 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**

electrical diagram )))

mounting dimensions )))

