

The DDLEDC401 is designed to control four channel (RGBW) LED loads in decorative architectural lighting applications where creative colour mixing and sequencing is required. The controller provides four pulse width modulated voltage mode outputs suitable for driving high intensity LED sources. Controller nominal output voltage is 24VDC and can optionally be ordered as 12V output. The device is available in two output configurations to accommodate common anode (DDLEDC401-CA) or common cathode (DDLEDC401-CK) loads. The device is supplied with a DIN rail mountable housing, designed for installation installed within a switchboard or suitable electrical enlosure. The DDLEDC401 is DMX512 compatible and is suitable for the high chase speeds found in display lighting.

technical data >>>



Supply 230V ±14% 50/60Hz Single Phase at 130 watts

LED Outputs 4 x 1A (nominal) voltage mode Maximum per channel load 1A Maximum total box load 4A Outputs are short circuit protected 12V output optionally available (-12V)

DDLEDC401-CA Output - 24V common anode

DDLEDC401-CK Output - 24V common cathode

Maximum Total Box Load 100 Watts at 24V output 50 Watts at 12V output (-12V version)

Control IO 1 x RS485 DyNet/DMX512 serial port

User Controls Service switch Diagnostic LED

DyNet DC Supply 12V @ 120mA (supply for approx. 6 panels) Preset Scenes

Supply Terminals Phase, Neutral, Earth 1 x 4mm² max conductor size

Output Terminals CH, COM for each channel 1 x 2.5mm² max conductor size

Diagnostic Functions Device Online/Offline status

Compliance CE, C-Tick

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

Construction ABS DIN Rail enclosure (12 unit)

Dimensions H 86mm x W 209mm x D 66mm

Weight Packed weight 1.0kg

load compatibility >>>

Voltage mode LED fixtures

options >>>

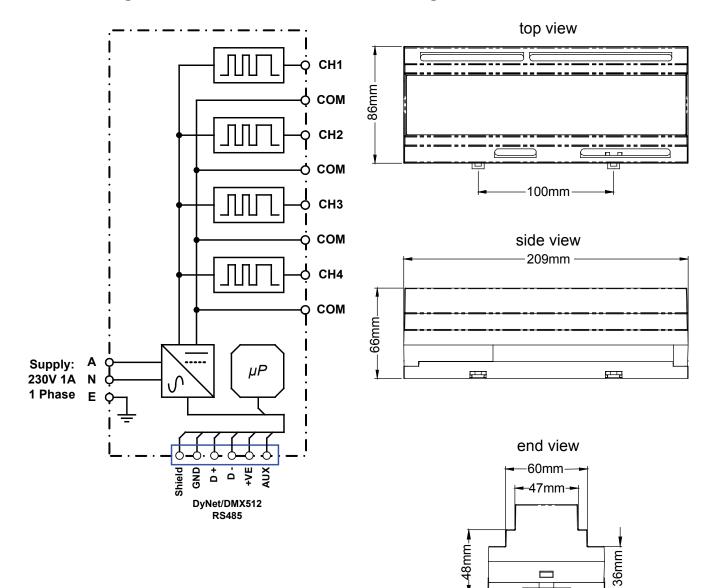
120V input **-IN120** 12V output **-OUT12**





electrical diagram >>>

mounting dimensions >>>





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Supplied by: Sydney Melbourne 03 9701 2500 02 9737 8988

to suit 35mm DIN rail

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