

Power Unit: Four Channel



The Mirage MP-10-04 is a wall mounting, four channel, Dimmable Power Unit designed for the reliable, leading edge, mains dimming of tungsten resistive and LV inductive lighting loads. Each of the four circuits is rated at 10 amps resistive or 9 amps inductive load and is protected by a Type C Miniature Circuit Breaker (MCB).

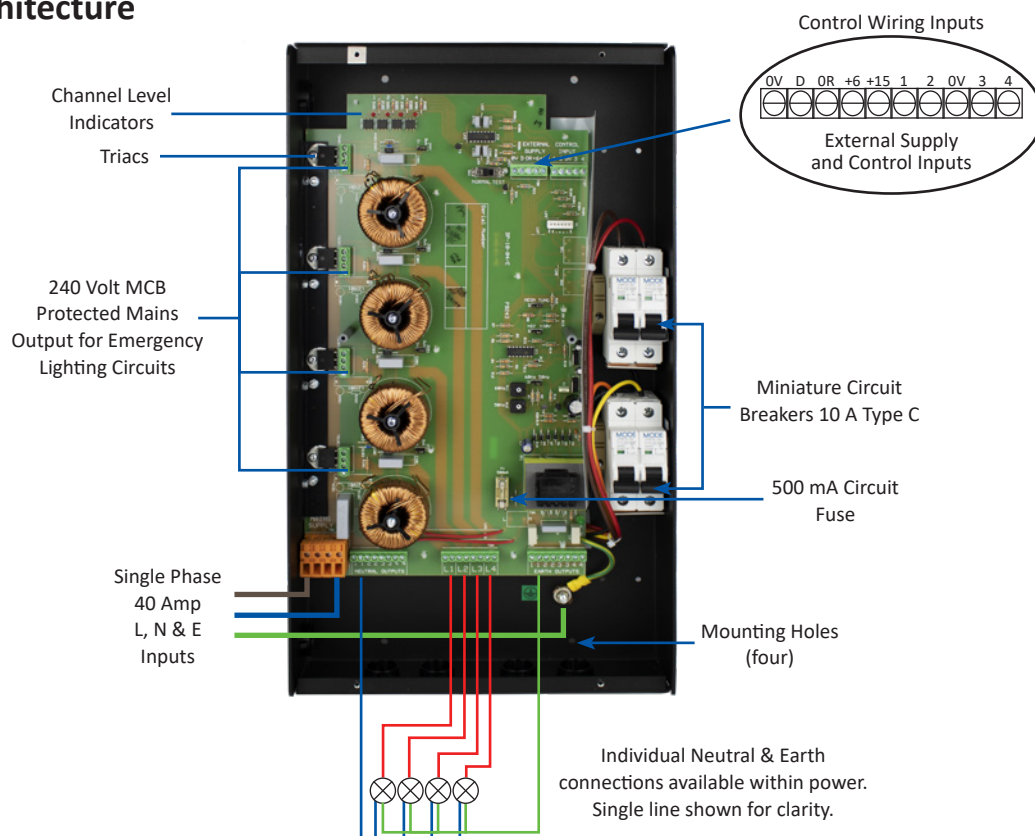
The control input can be either 0-6 Volt or 0-10 Volt signals from the Mode control systems. The outputs can also be overridden by a latching contact input. The MP-10-04 is mounted in a black aluminum case with a natural anodised silver front panel.

Key Features

- » Four dimmable channels of 10 amps resistive or 9 amps inductive load.
- » Up to 2A of compatible LED load (check LED de-rating factor).
- » Circuit protection individual 10 Amp Type C MCB.
- » Emergency outputs fixed live MCB protected outputs for maintained emergency supplies.
- » LED channel monitor(s) to indicate the operation of the output.
- » Analogue control input suitable for use with 0-6 Volt or 0-10 Volt controllers.
- » Supply input 230/240 Volt. 50-60 Hz. 40 Amp maximum (100-125 Volt option available).
- » Internal test switch to enable unit to be tested to full on.
- » Triac with screw fixings can be removed for servicing.
- » External supply low voltage D.C. for use with remote dimmers and ancillary equipment.
- » Conduit cable entries (eight) 25mm diameter suitable for use with conduits and trunking.
- » Complies with EC, EMC and Low Voltage Directives(CE).
- » 2 year warranty.



System Architecture



Technical Data

Power	
Mains Supply	» 230/240 Volt, 50-60 Hz. 40 Amp maximum.
Control Fuse	» 500 mA anti-surge (T).
Earth	» This product must be earthed.
Connections & Cable Specifications	
Channel Outputs	» Four channels of 10 amps for resistive or 9 amps inductive loads.
Load MCB	» Individual Miniature Circuit Breaker (MCB) 10 amp, Type C
Control Input	» 0-6 or 0-10 Volt D.C analogue control.
Override	» Low voltage override using latching device.
Mechanical	
Standards	» EMC Emissions EN55015, EMC Immunity EN61547, Harmonics EN61000-3-2, Voltage fluctuation EN61000-3-3, Safety EN60439-1 and EN60950.
Conduit Entries	» Eight of 25 mm diameter.
Dimensions	» 470 mm x 262 mm x 75 mm.
Fixing Centres	» 432 mm x 138 mm.
Weight	» 4.3 kgs.
Packed Size	» 485 mm x 280 mm x 90 mm.
Packed Weight	» 4.7 kgs.

