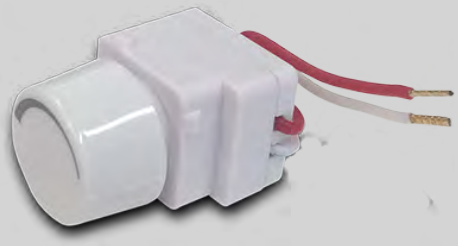
VALO

ML-DIM-S

Product information

M-Elec's plate mounted 1-10V signal dimmer allows the user to blend the 1-10V controller with traditional dimmers and switch plates seamlessly. Integrating into conventional standard style switch plates and working with one or multiple 1-10V controllers, the ML-DIM-S will dim LED strips and modules perfectly.

*Dimmer only, plate not included



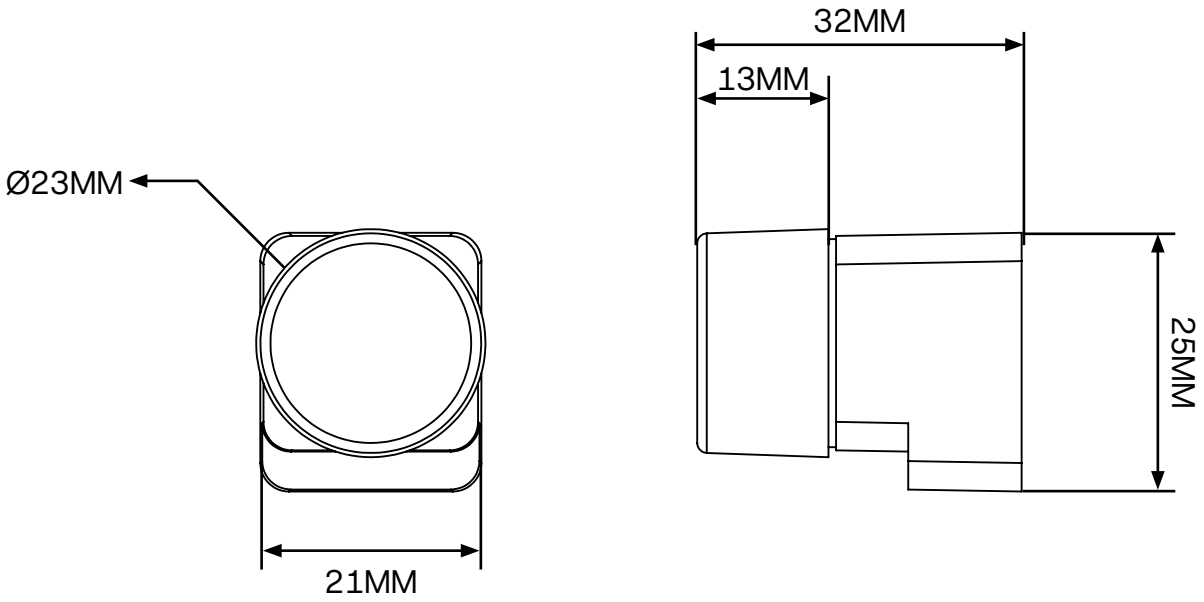
3 year warranty

TECHNICAL INFORMATION

Data subject to change, please visit our website for up to date specifications: melec.com.au

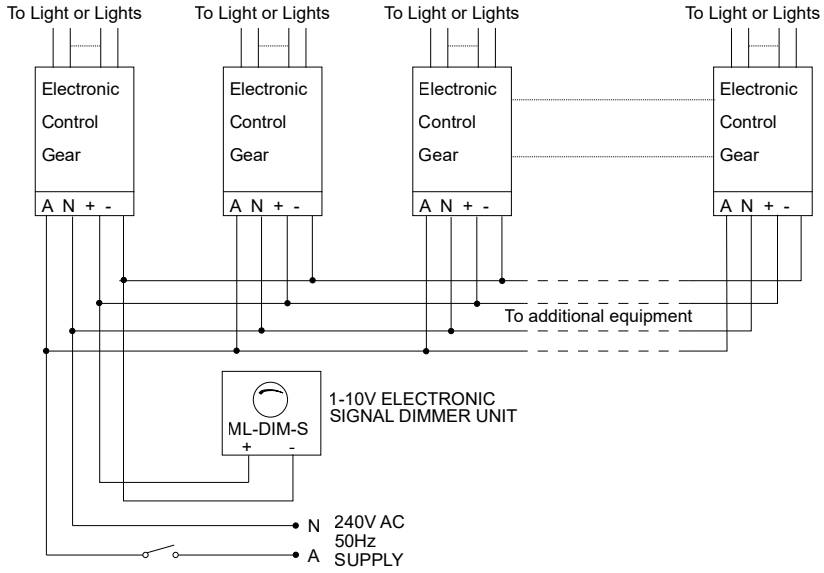
This DIM-S Controller is a low cost controller for controlling dimmable analogue electronic ballasts (these must be controllable using a 1 to 10 volts DC control signal) in fluorescent lighting , LED Drivers and PWM units for LED lighting . The DIM-S Controller uses a shunt voltage regulation technique to enable the small current supplied by the ballast , driver or PWM unit to power the controller and subsequently does not need any additional power supply for operation where this current is supplied by the equipment being con-trolled . Some LED drivers and LED PWM units do not have this current source and may require the DIM-S current source unit and/or an additional driver or power source . The DIM-S can also be used in conjunction with a Digital Interface Unit (DSI-AD) for digitally controllable electronic ballasts .

Dimming Method	1-10V
Compliance	AS1044 , EMC , C-TICK
Dimensions	25x21.5x12 behind plate
Warranty	7 years

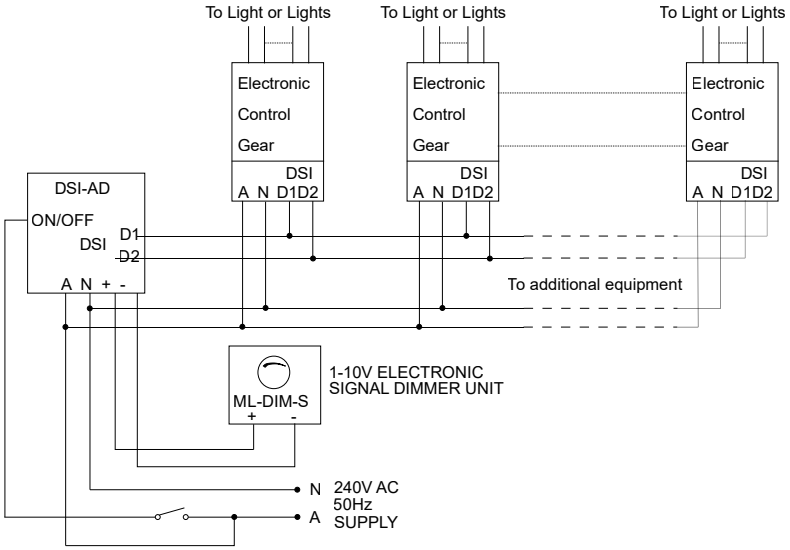


WIRING DIAGRAM

1 - 10V CONTROLLABLE ELECTRONIC EQUIPMENT



DIGITALLY CONTROLLABLE ELECTRONIC EQUIPMENT



PLEASE NOTE

MUST BE INSTALLED BY A LICENSED ELECTRICIAN

- Read instructions carefully before attempting to install the fitting. Retain this guide for future reference
- Disconnect power before installing or servicing
- This fitting is for indoor use and should not be used in areas with limited ventilation or high ambient temperatures
- All components must not be mechanically stressed
- Be careful not to damage or destroy conductive paths on the circuit board
- Follow all relevant electrical and safety standards (including AS3000)
- Correct electrical polarity must be observed as the wrong polarity may destroy the product and is not covered under warranty
- Damage by corrosion will not be honoured as a material defect claim. It is the user's responsibility to provide suitable protection against corrosive agents such as moisture, condensation and other harmful elements