



Wallmount Dimmer Installation Guide

Site/Job Name

Commissioning Date

Engineer/Technician

INSTALLATION CHECKLIST

- Chassis correctly mounted with both top and bottom fasteners installed. (4 places)
- Top and Bottom Ventilation holes are clear and free from debris
- Rack Spacing and layout complies with installation guide diagram.
- Wall structure is within guidelines for the mounting of electrical equipment

CONTROL INTERFACE CHECKLIST

These checks should be performed before power is applied to the rack.

- DMX cable is RS485 compliant or shielded CAT5 cable
- Remote wall plate cabling is 8-wire CAT5 type. (if applicable)
- DMX cable correctly terminated. (if applicable)
- All wall plates correctly wired and installed
- DMX termination switch is set correctly within Rack

REDBACK RACK WIRING CHECKLIST

These checks should be performed before power is applied to the rack.

- Mains input wiring is correctly terminated
- All mounting/termination screws are tight
- Neutral per load, no floating neutrals or Earths in the system
- Check Phase to Earth impedance >100K ohm
- Check Phase to Phase impedance >=2.8K ohm
- Check Phase-Neutral impedance =1.5K +/- 200 ohm

POWER UP CHECKLIST

The following checks are performed with power applied to the rack.

- Measure Neutral to Earth Voltage (<=15V)
N-E =.....V
- Measure Neutral to Line L1, L2 and L3 voltage
L1-N =.....V
L2-N =.....V
L3-N =.....V
- Measure Phase to Phase L1-L2, L2-L3, L3-L1 voltages
L1-L2 =.....V
L2-L3 =.....V
L3-L1 =.....V
- Test Output circuits for any fault condition
- All cover plates in place and conduit air gaps sealed

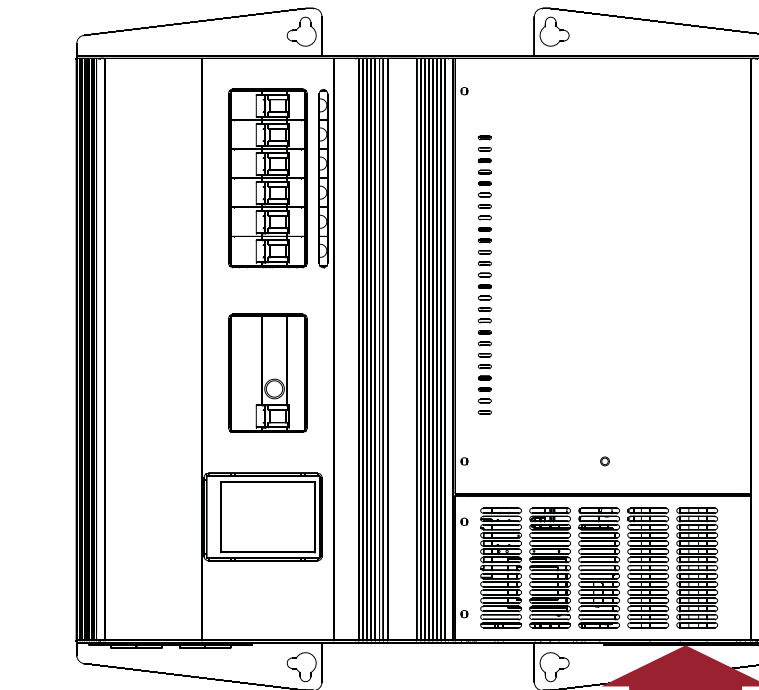
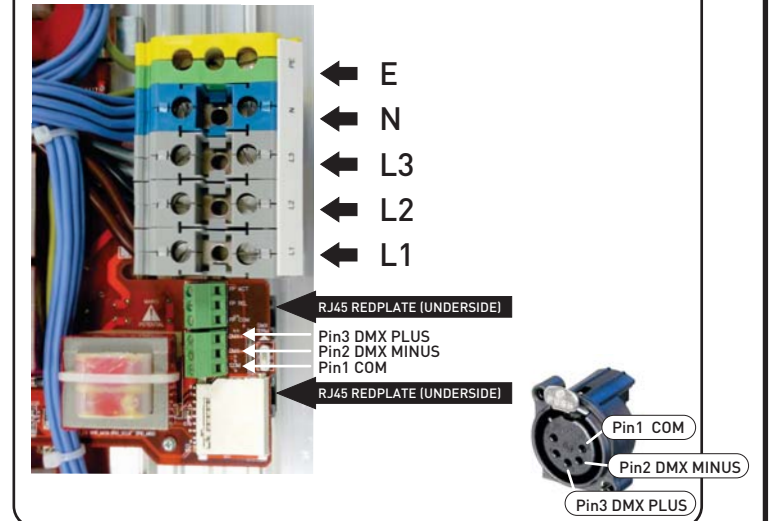
WARNING! - DO NOT MEGGER TEST ANY WIRED CONNECTIONS TO THE RACK



LIGHTING SYSTEMS

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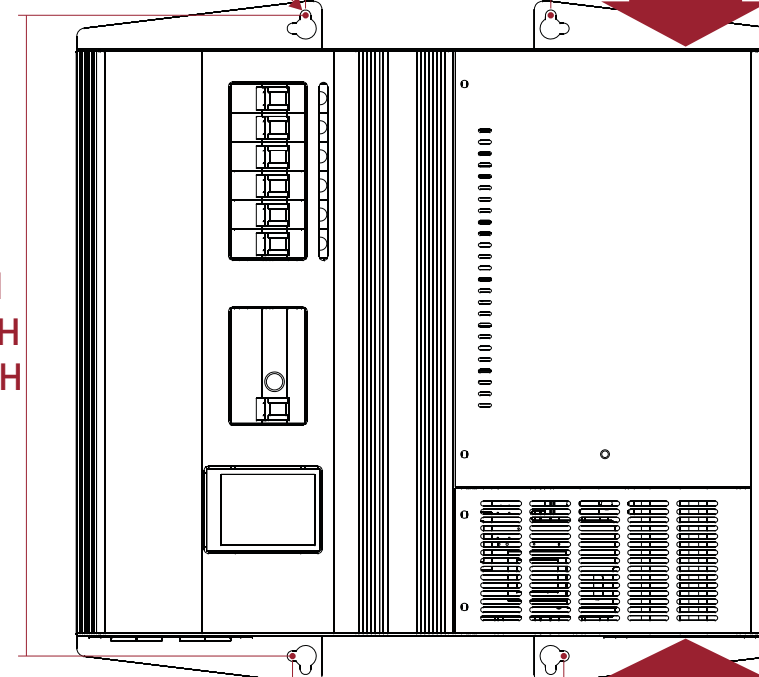
INPUT WIRING TERMINATION



Mounting Holes
to suit M6 or
1/4 inch Fasteners
4 Places

150.0 mm

Min
200mm



Min 100mm

166.0 mm

Min
300mm

FLOOR

392.0 mm 6CH
659.0 mm 12CH
1015.0 mm 24CH