

# INSTALLATION INSTRUCTION

## Duorail™ Surface Mount Transformers

LM2-EN12-300M, LM2-EN12-500M

WAC LIGHTING  
Responsible Lighting®

### Caution:

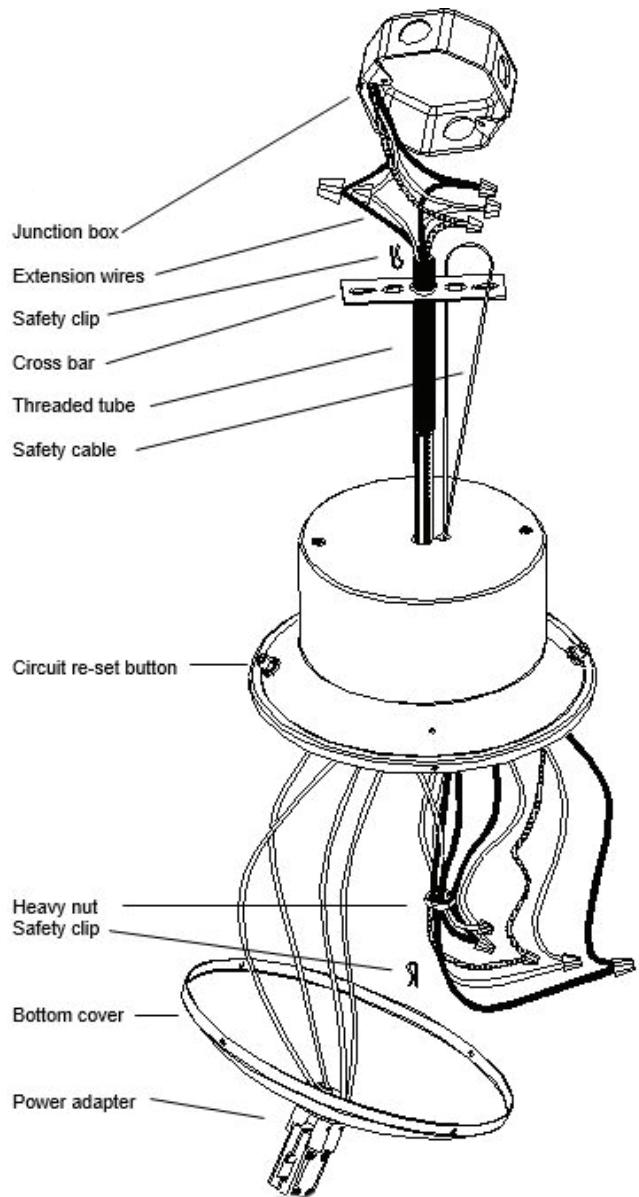
- Read all instructions.
- Turn off power at main switch before installing or modifying the system.
- Intended for installation by a qualified electrician.

**Overview:** Use only with Duorail™ system.  
12-volt magnetic transformer.

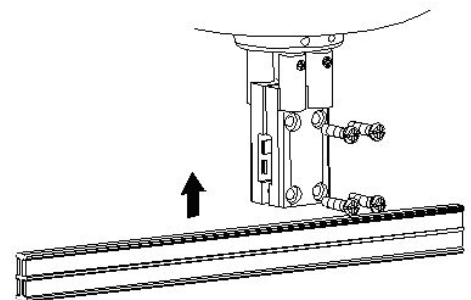
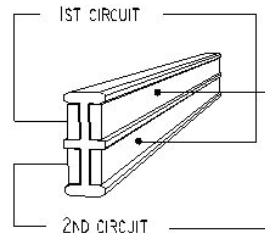
### Important:

1. The junction box will support the entire weight of the transformer, which may weigh up to 18 lbs.; make sure it is adequately supported.
2. Extension wires are supplied to connect junction box wires to the transformer input wires. 2 circuit will utilize two separate pairs of wires.
3. Connect white building wire to a corresponding white extension wire. Repeat process for black wires using wire nuts (supplied).
4. The ground wire may be green or bare copper, connect it to the green extension wire. (one ground wires serves both circuits).
5. Pass the open ends of the extension wires through the center hole of the cross bar and threaded tube assembly.
6. Loop the safety cable over the cross bar, and mount to cross bar junction box as shown.
7. Install the safety clip in the top hole of the threaded tube.
8. Open the transformer case by removing the four screws on the perimeter.
9. Raise the transformer assembly on to the threaded tube. Attach the heavy nut to the bottom of the tube and tighten so the transformer assembly is close to the ceiling.
10. Install the safety clip in the bottom hole of the threaded tube.
11. Connect transformer and extension wires, following the previous color code.
12. Position the bottom cover so the power feed adapter is aligned to monorail. Secure bottom cover with the four screws removed earlier.

**Note:** To inspect splices after transformer is installed; Loosen the heavy nut and washer sufficiently to lower the transformer so that the splices are visible.



Detail views



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