

Electrical Box Requirements for Mounting D3206 & D3208 Multi-Zone Dimmer/Controllers

Description:

This application note specifies the updated electrical box and raised cover dimensions.

Update on Electrical Box Requirements for Mounting D3206 & D3208/ Multi-Zone Dimmer/Controllers

All D3206/D3208's must be mounted in a standard wallbox. The wallbox and raised cover specifications are as follows:

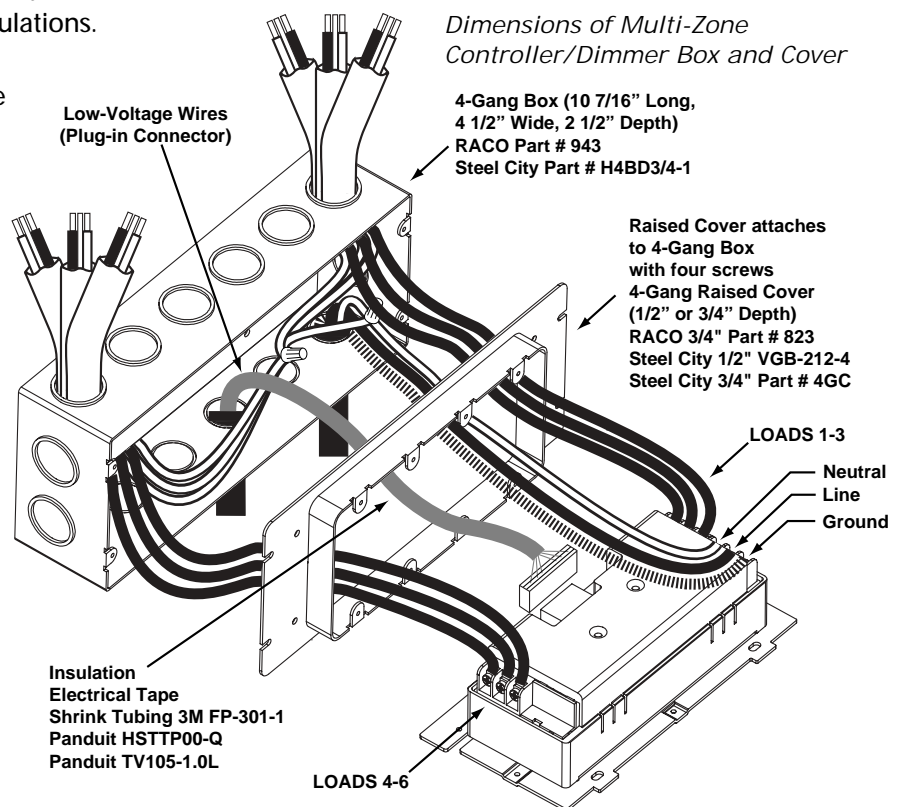
When mounting multiple D3206/D3208's and Power Extenders in the same area:

- All units must have 4 1/2" spacing above and below each unit for proper ventilation and heat dissipation.
- If mounted in an enclosure, the ambient temperature within the enclosure must remain between 0° - 40°C.
- Side-by-side mounting is limited by the ability to open the front cover.

If the D3200 is connected to other D3200's, wall stations, or control interfaces:

- It must be installed in accordance with appropriate electrical codes and regulations.

- Separation of Class 1 circuit conductors from Class 2 cable: The 2002 NEC article 725.55 defines the requirements for the separation of Class 1 and Class 2 wiring. It is the installer's responsibility to ensure proper installation and compliance with the provisions of NEC Article 725. It is recommended that Class 2 wiring be covered with secondary insulation that has a rating equal to that of the Class 1 conductor's insulation rating.



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