

CV6 or CV7 Stainless Steel Enclosure Lug Kit Wiring Instructions

1. Remove Lid and mount enclosure using appropriate fasteners for application. Remove finger guards from 3 phase lug kit.
2. Cut an appropriate size hole to enter cabinet depending on the wire gauge size required for your application.
3. Use 1 of the 4 premade 2" port holes provided to mount the enclosure on either the cabinet directly or an adjacent wall. Port position will depend on mounting position whether that be directly on cabinet or adjacent wall. Use appropriate Chase Nipple, Offset Nipple or Connectors for your specific installation.

(Both Sides, Top & Back).



4. Connect/terminate Ground wire to Ground Lug using minimum #6 AWG Copper Green jacketed conductor. (Case Bond and Discharge under catastrophic event.) A Ground resistance meter check is advised to ensure that the grounding resistance is less than 10 ohms.
5. A Minimum #6 to 1/0 AWG Copper jacketed conductor for phase leads. Use largest conductor possible & keep wire connection similar in length.
6. All wire connections should be kept as short as possible (No Loops). Should not exceed 12'. Larger conductor 1/0 AWG Copper jacketed conductor at Minimum should be used when exceeding 8'.
7. Use of inhibitor, Pin connectors or large ferrules on all termination points when using stranded wire is strongly recommended and always good wiring practice.



8. Connect & Terminate to Dedicated 30-amp 3-pole breaker in panel. Be sure branch breaker is rated at same or greater KA rating as Main overcurrent for system.
9. Re-install finger guards on 3-phase lug kit. Fasten Lid on enclosure. Install all guards and face covers for panel. Turn on breaker.

ANY QUESTIONS CALL 1-855-526-2765

