PWRMOD24 NAC Power Expander
Product Installation Document

PN LS10185-000GE-E:B 5/12/2020 ECN: 151286

1 Description

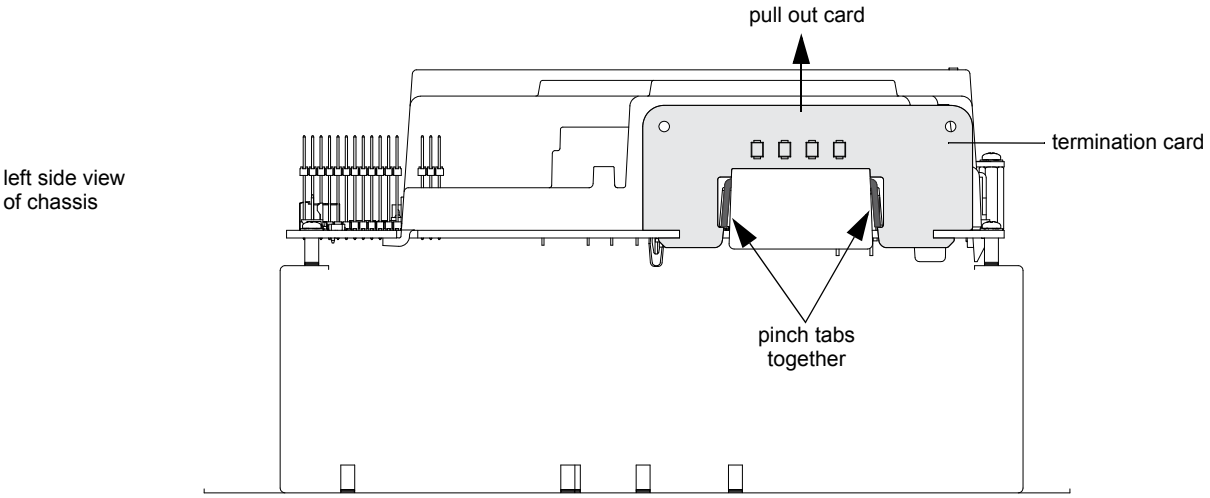
The PWRMOD24 is an optional module that provides an additional 3 amps of NAC power.

2 Installation

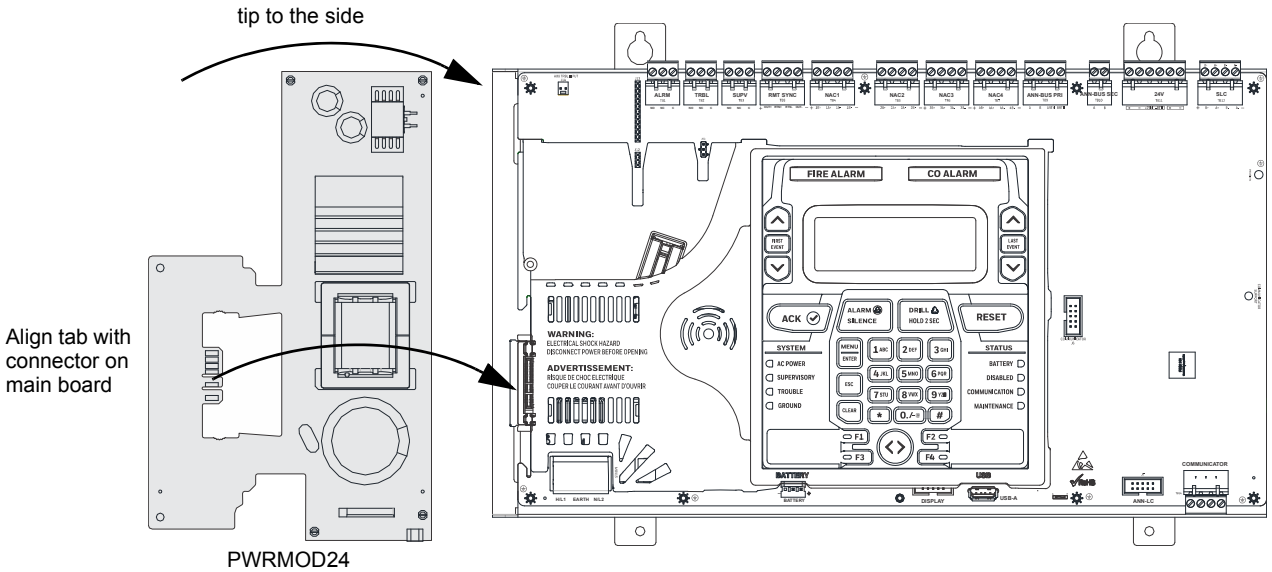
WARNING: THIS SYSTEM CONTAINS STATIC SENSITIVE COMPONENTS
WEAR A PROPER GROUNDING WRIST STRAP AND WORK ON A STATIC-SAFE WORKSPACE TO PROTECT ELECTRONIC ASSEMBLIES.

In order to install the PWRMOD24, the chassis must be removed from the cabinet, and the termination card removed from the board.

1. Disconnect all power from the fire panel.
2. Loosen the two 3/8” nuts securing the top flanges of the chassis.
3. Slide the chassis up to free it from the lower tabs.
4. Place the chassis on a flat surface.
5. Pinch the tabs on the left side of the plastic housing together as shown below, and remove the termination card by pulling upwards. Store this card in a safe location for replacement if the PWRMOD24 is removed at any time. If the PWRMOD24 is ever removed, the termination card must be replaced for proper functionality.

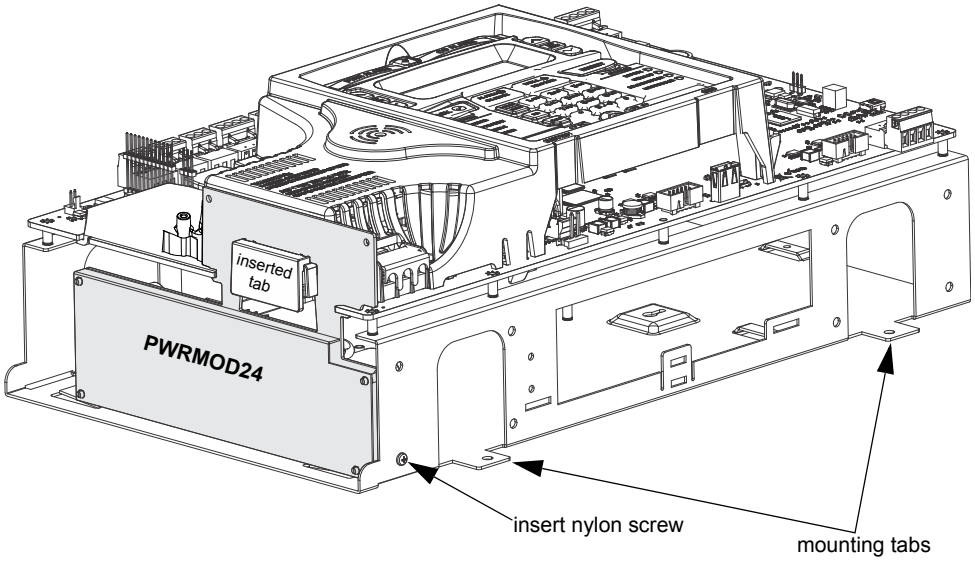


6. Remove the nylon screw from the bottom left of the chassis, which secures the PWRMOD24.
7. Tip the PWRMOD24 module to the side, at an angle, sliding the lower half under the panel’s main circuit board while aligning the tab on the PWRMOD24 with the connector on the main circuit board.



8. Insert the tab into the connector.
9. Push down on the PWRMOD24 until it is firmly seated.

10. Replace nylon screw into the lower corner of the PWRMOD24 to secure it in place.



11. Reinstall the chassis to the backbox by aligning the two mounting tabs with the slots in the backbox, then position the two mounting hole tabs over the studs with nuts located in the upper portion of the backbox.
12. Slide the tabs located on the bottom of the chassis into the mounting slots in the backbox by pressing the chassis down.
13. Secure the chassis to the backbox by tightening the two 3/8” mounting nuts (removed in Step #2) at the top, and to ensure proper grounding, use a 3/8” nut driver or socket.