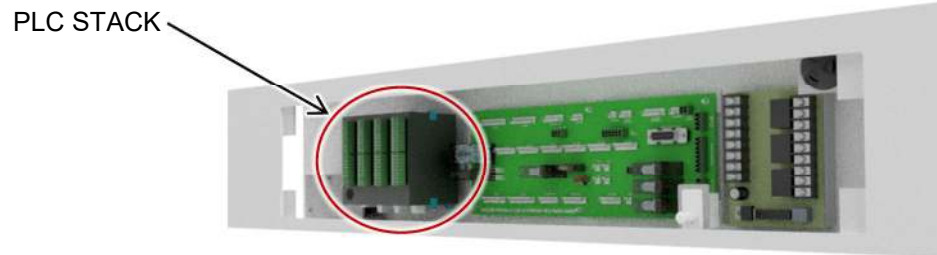


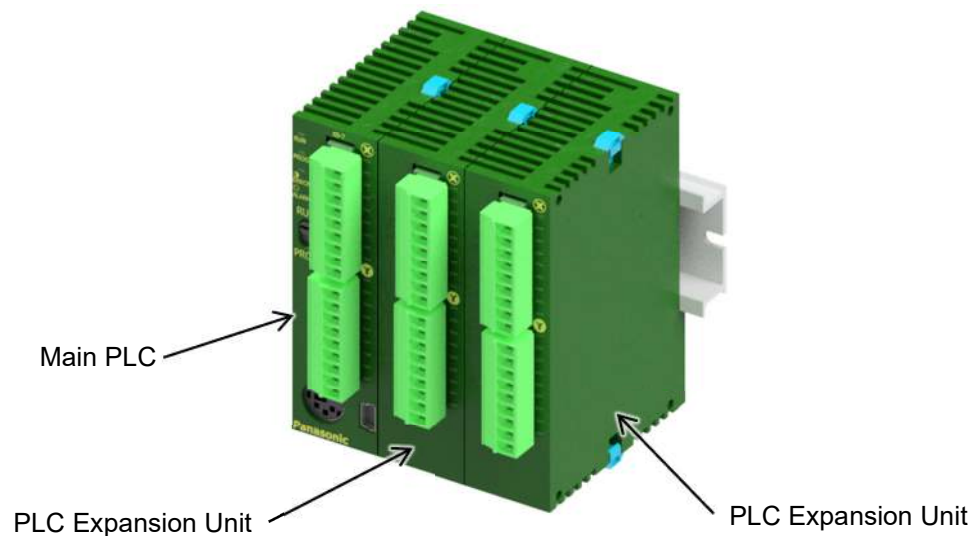


REMOVAL

- 1.) Ensure the power to the system is turned off.
- 2.) Locate the PLC Stack. Generally the PLC Stack is located behind the Electronics Access Panel (4.5" tall x 25" wide). The panel is accessed from the exit lane header or in the High Side of the building.



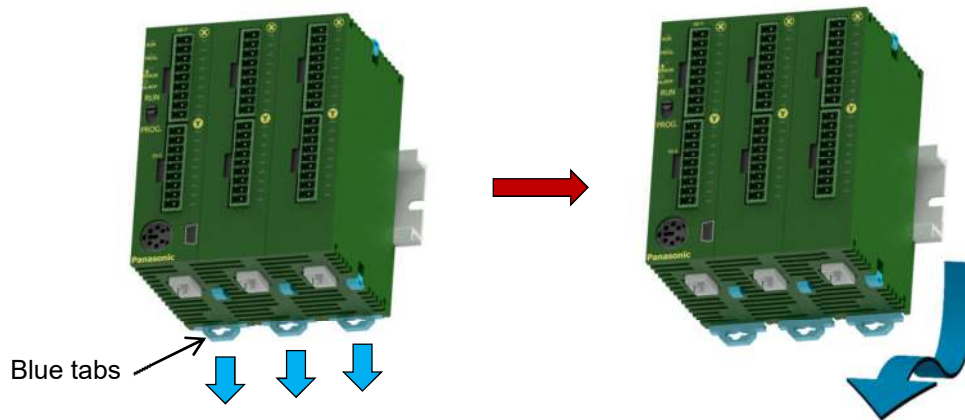
- 3.) Unplug the green I/O connectors from the stack. Take note of the location of each connector the stack. If a plug is removed from the second from the left PLC Expansion Unit, it should return to the same location (second from the left) in the PLC Stack even if the PLC Expansion Units are swapped.
- 4.) Remove the PLC Stack and DIN Rail. The Stack is affixed to the back of the tube with 3M Dual Lock (similar to Velcro).
- 5.) Unplug the white power connectors and remove the orange and brown 485 wires from the PLC.



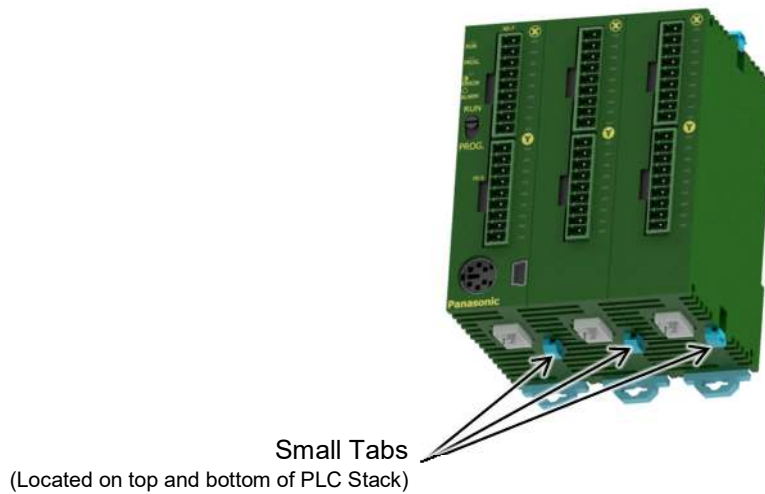
(Only (2) PLC Expansion Units shown for reference)



- 6.) Use a small flat bladed screw driver to pull down on all of the blue tabs at the bottom of the PLC Stack. This will allow the stack to rotate upwards and release from the DIN Rail.

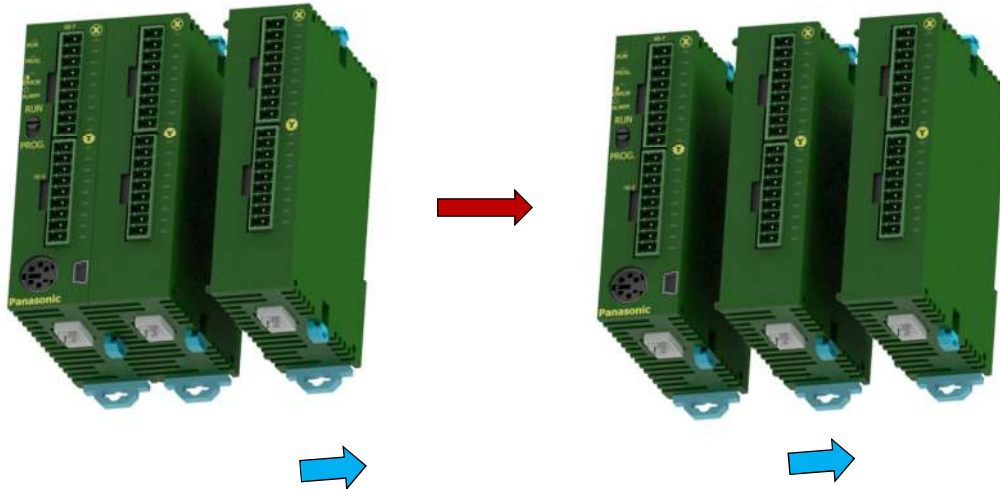


- 7.) Pull out small blue tabs on both the top and bottom of the PLC Stack. This unlocks the units from each other and allows the units to separate from each other.





8.) Gently separate Expansion Units.



9.) Replace PLC or Expansion Unit as required.

ASSEMBLY

Assembly is opposite of removal. Be sure to align PLC and Expansion Units when affixing them together so as not to damage the plug and sockets between them. Note that new Main PLC and Expansion Units have a label that covers and protect the connectors that connect the units together and will have to be removed before a unit can be affixed to it.





Reference Wiring:

