

Swapping Matrix Card

These instructions are for how to swap a Matrix/16xxx series card. These instructions are applicable to all of the types of cards, regardless of analog/digital or input/output/combo.

NOTE: Swapping the cards should **ONLY** be performed with the equipment out of cycle and in an idle or safe condition.

Step 1: Verify Dip Switches

Verify the dip switches of the new card match the dip switch settings of the card installed. If they do not match, adjust them to match the card currently installed.



Step 2: Remove the Connectors

Next, remove the 4 connectors on the currently-installed card. There are two on the top and two on the bottom.

DO NOT remove the wires from the connectors.

Then remove the 4 connectors on the new card as well.

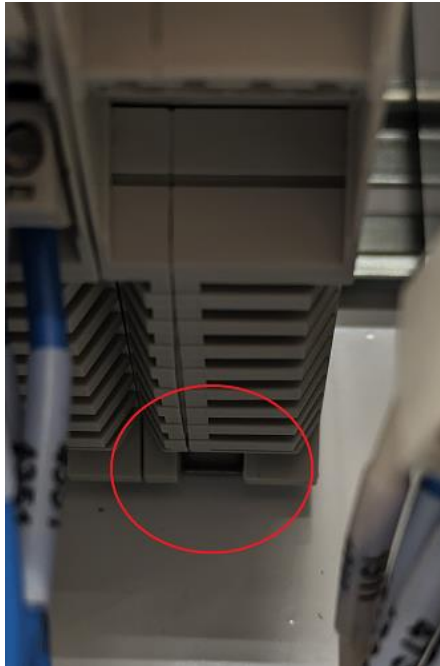
IMPORTANT: Be sure to note which position each connector is plugged into. Plugging a wired connector into an incorrect position may cause damage, or improper or unexpected operation.



Step 3: Remove the Existing Card

Using a long, flat blade screwdriver, remove the card from the backplane connector.

- 1) Locate the metal Din rail Latch.



- 2) Using a long flat blade screwdriver, pry the Din rail latch downward.



- 3) Now that the card has been unlatched from the Din rail, rotate the card upwards.



- 4) Remove the existing card by pulling outward.

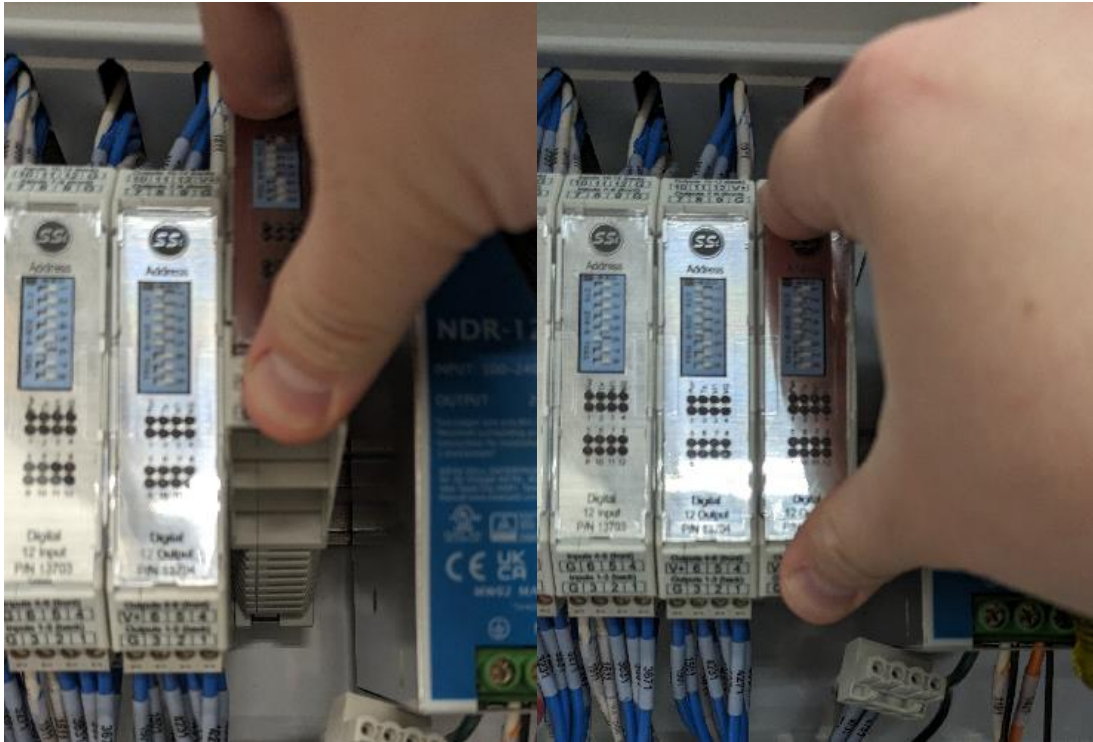


Step 4: Install the new card.

To install the new card, perform the reverse of Step 3 Parts 3-4 as follows:

Insert the card in a tilted upward position and rotate downward until it “clicks” into position.

The screwdriver is not required to install the new card onto the backplane.



Step 5: Re-insert the connectors into the new card

Reinsert the existing connectors into the new card in the corresponding positions from the old card.

IMPORTANT: Be sure to note which position each connector is plugged into. Plugging a wired connector into an incorrect position may cause damage, or improper or unexpected operation.



Step 6: Verify new card is communicating

At minimum, there are two indicator lamps on the front of the card (there may be more depending on the card type). Verify that you have a SOLID green light, and a BLINKING Orange light.



If the above process is not successful, please contact SSI at (513) 772-0060 for assistance.