



PCD Faceplate Module Replacement Procedure

Follow these instructions to replace the PCD Faceplate module.

Faceplate Part Number: 616019-T1

Precautions

The following precautions should be taken when replacing or servicing any of the PCD modules:

1. Use antistatic precautions when handling modules. Always use antistatic bags for transporting modules
2. Remove AC power **and** DC power from the PCD before removing, installing or wiring any of the PCD modules.
3. Incorrect wiring may result in damage. Before energizing the PCD verify that the connectors are plugged into the correct locations and the wiring agrees with the connection diagram.
4. Apply only the rated AC control voltage.

Instructions

The following instructions contain information required to correctly replace the PCD Faceplate module.

- 1) Verify the PCD has Type 2 (or later) CPU card.
- 2) Ensure PCD is loaded with 2.52 firmware or later. If not, the unit will have to have the firmware upgrade. Use procedure "[How to Load new Firmware](#)" and use WinFlash to install sprv2.92.abs (or later version). It is important that settings are saved prior to flashing the unit since all settings in the PCD will be lost.
- 3) Disconnect power from PCD.
- 4) Remove draw out cards located in the six slots back of the PCD :
 - a) Remove screws and pull all cards out about 1/2 inch from rear of PCD. Cards may be removed completely if you wish, but it's only necessary to disconnect them from their slots in the front panel. If they're left in place, use care when removing screws that the cards do not fall out and possibly get damaged.
- 5) Remove Front Panel:
 - a) If PCD is installed in a control cabinet, it will have to have four mounting nuts removed to access the six mounting screws in the case.
 - b) Remove the six screws into case just behind front panel flange (two top, two bottom and one each side).
 - c) Pull front panel away from case. It's a tight fit but it can be done with gentle prying at the corners.
- 6) Insert new front panel and reinstall casing screws:
 - a) Tilt in bottom part first carefully holding the copper-grounding strip in place.
 - b) When top of panel goes in, ensure the foil strip lies between case and front panel.
 - c) Note on panel the small holes into which screws fit. Install bottom, top and side screws in that order. Note one screw on bottom interacts with copper strip and one on top interacts with foil strip.
- 7) Reinstall four mounting nuts and secure PCD case assembly to the control panel.
- 8) Insert draw out PCD cards and reinstall holding screws. (Time Required approx. 15 min.)
- 9) Apply power and update new catalog number when "Modules have changed, Push key to update" message appears:
 - a) Push Enter.
 - b) At "Update Catalog #?" query push right or left arrow till <YES> appears.
 - c) Push Enter.
 - d) The old catalog number will appear just before flashing cursor. Hit down arrow.
 - e) When the new catalog number appears, hit the down arrow again..
 - f) At the "Update Catalog Number, <NO>" push left or right arrow 'till <YES> appears.
 - g) Hit enter key. When "Enter Password" appears, hit enter key again.
 - h) PCD will indicate catalog number has been updated and to reset the unit.
 - i) Press Clear, Enter and the up arrow to effect this reset.

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- 10) Once the new faceplate is installed, you may get the following prompt on the LCD: “Modules have changed, Press key to update”. If so, do the following:
- a) Press the ENTER key. Prompt will appear: “Update Catalog number?”
 - b) Press the right arrow key to select “Yes” then press ENTER
 - c) The old style number will appear. Press the down arrow key once.
 - d) The new style number will appear. Press the down arrow key once.
 - e) Prompt will appear: “Confirm Update?” Press the right arrow key to select “Yes”.
 - f) A password prompt will appear. Press ENTER to proceed, as the default password is 4 spaces.
 - g) After the modules have been updated, reset the PCD by pressing the reset button on the rear of the CPU module. The Self Check LED at the right hand side center of the faceplate should now be GREEN. If it is RED call ABB for assistance.

The Hot Line Tagging feature of new front panel is **not** functional after this installation. To activate this feature, refer to “[Application Note: Tagging Function in the PCD Utilizing the Enhanced Front Panel](#)”

Call 1-800-929-7947 option 5 or +1-407-732-2000 ext. 2510 for any other questions you may have.

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