



PCD Communication Module Replacement Procedure

STYLE# _____

Follow these instructions to replace the PCD Communication Module

Precautions

1. The following precautions should be taken when replacing or servicing any of the PCD modules:
2. Use antistatic precautions when handling modules. Always use antistatic bags for transporting modules
3. Remove AC power **and** DC power from the PCD before removing, installing or wiring any of the PCD modules.
4. 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.
5. Apply only the rated AC control voltage.

Instructions

The following instructions contain information required to correctly replace the PCD Communication module, located in Slot E.

1. Remove AC and DC system power from the PCD, following your company safety guidelines
2. Locate the module labeled "COM #", which is mounted SECOND from the right-hand side when facing the rear of the PCD in Slot E, see figures 1 & 2.
3. With a small screwdriver, loosen and unplug the green Phoenix connectors from the COM module. It is not necessary to remove any wires from the connectors. If the COM card is COM 5 there is a ribbon cable connected to "LCM PANEL" secured with clips upper and bottom, open the clips and unplug the cable.
4. Locate the mounting screw in the top center of the COM module. Remove the screw and set aside.
5. Locate the mounting screw in the bottom center of the COM module. Remove the screws and set aside.
6. Carefully remove the replacement COM module from the packaging and insert into the PCD chassis. Be certain to align the printed circuit board with the card guides in the housing.
7. Insert the mounting screws that were previously set aside and tighten.
8. Re-install the green connectors and tighten the retaining screws, plug the ribbon cable in COM 5 upper connector label LCM Panel.
9. Reconnect DC then AC power and the PCD should power up normally.
10. If the card is COM 5 Verify through the menu that the firmware in the COM 5 and CPU are compatible.
11. Through the HMI press ENTER, the display will show MENU, press down arrow once and
12. SETTINGS will show in display, press ENTER and then press down arrow twice and UNIT INFORMATION will show in the display
13. Below find a table showing compatibility.

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Table1

CPU Firmware -----COM 5 Firmware

2.92-----	1.41
2.91-----	1.40
2.82-----	1.31
2.70-----	1.30, 1.31
2.60-----	1.20 & 1.30
2.52-----	1.12

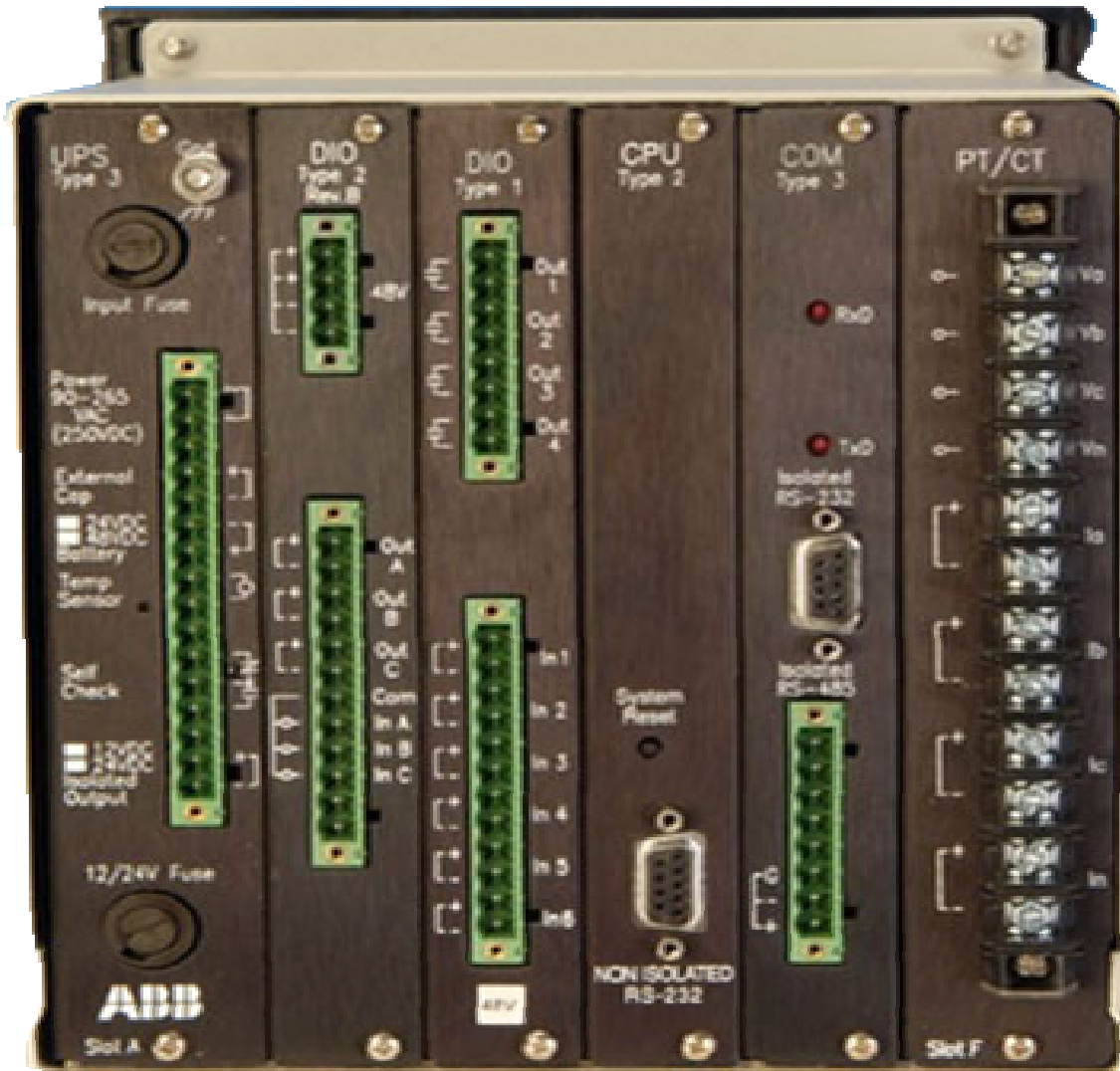
Call 1-800-929-7947 option 5 or +1-407-732-2000 ext. 2510 for any other questions you may have.

ABB Inc. has made every reasonable attempt to guarantee the accuracy of this document, however, the information contained herein is subject to change at any time without notice and does not represent a commitment on the part of ABB Inc. These instructions do not purport to cover all details or variations in equipment, nor provide for every possible contingency to be met in conjunction with installation, operation or maintenance. Should particular problems arise which are not covered sufficiently, please contact ABB Inc.

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PCD Module arrangement, OVR cabinet



Slot A

Slot B

Slot C

Slot D

Slot E

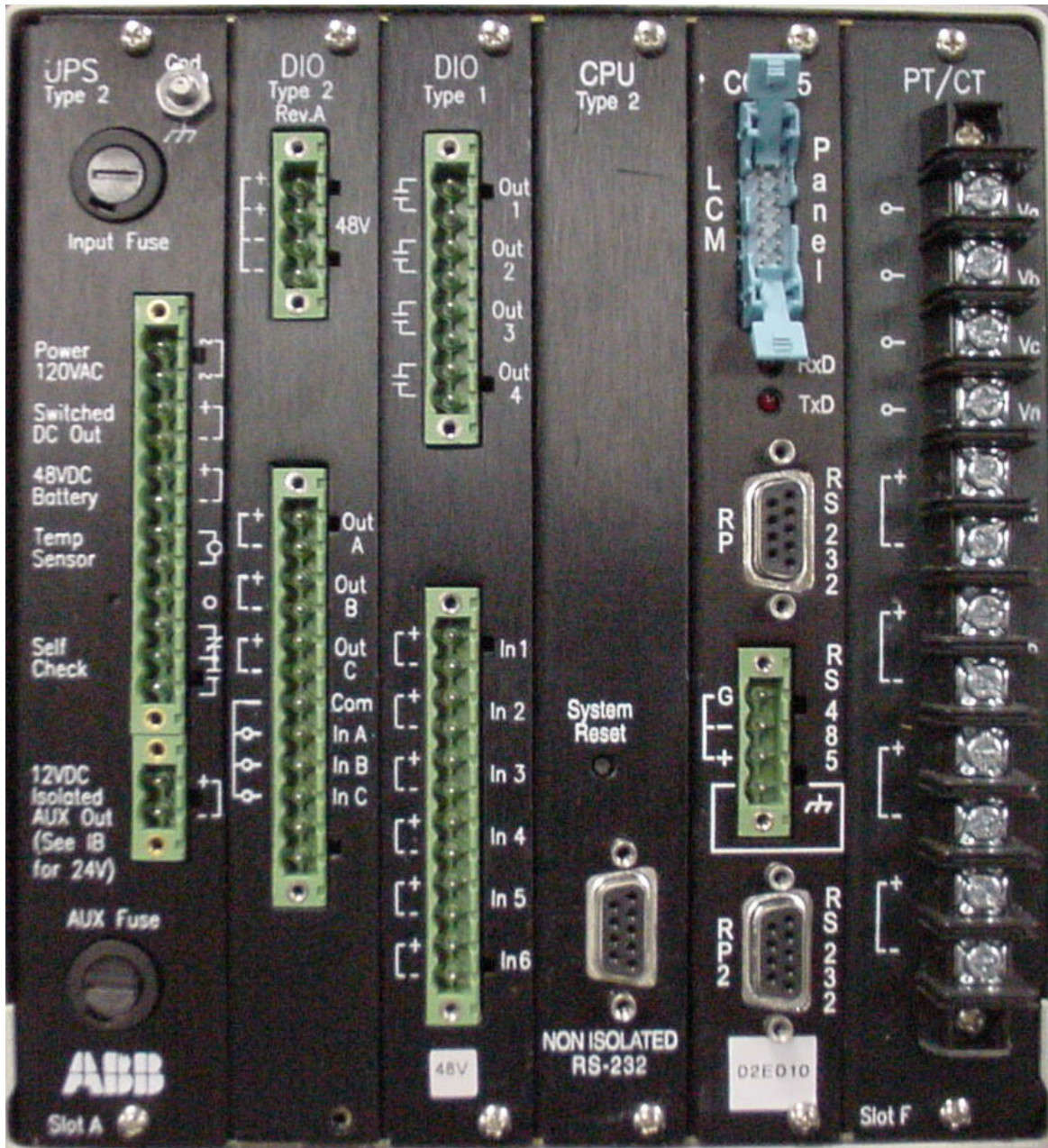
Slot F

Figure 1, rear view of PCD

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PCD Module arrangement, VR-3S cabinet



Slot A

Slot B

Slot C

Slot D

Slot E

Slot F

Figure 2, rear view of PCD

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