

Meltric Plastic Plugs and Receptacles

The 600VAC power cables from the Power House feeder breaker connecting to the Driller's Cabin for the 600V MCC were installed using Meltric DECONTACTOR™ series plugs and receptacles.

The plugs and receptacles were chosen to reduce the possibility of crossing different power sources by being visibly different in design and color. The poly fittings that were installed are prone to cracking and breaking.

The connectors are available in a stronger model made of metal. These metal fittings are the same color as the plastic and will have a longer life.

Recommendations

1. Order the replacement kit (AY19586) and replace the poly connectors on the next rig move. Contact RigLine 24/7™ Support to order the kit.

CANRIG Part Number	Description	Qty
AY19586	Kit	1

Actions



Only qualified personnel should perform any work in the energized plug panel. Take proper precautions and follow correct lockout/tagout procedures when working in this area.

1. Ensure repairs are coordinated with Rig Manager and Driller.
2. Before working in the plug panel area, ensure that all power has been removed and that the proper lockout/tagout procedures have been followed. Any power to the building could be present at the plug panel even with the correct component disconnected.

Product: B-Rig & S-Rig PACE Power House and Driller's Cabin Version: N/A	October 15, 2012
---	------------------

- Remove the receptacle from the plug panels as shown below:

Driller's Cabin	Power House
Row 2, Position 1	Row 1, Position 9



Ensure that parts are retained until the receptacle is installed and tested.
The parts may be needed to install the new receptacles.

- Install the new receptacles in the plug panel. See installation instructions from manufacturer.



Ensure that the receptacles are installed correctly
and that they are tight to prevent movement or
future high resistance connections.

- On the 100 amp cable, remove the poly plugs and install the new plug assemblies. See installation instructions from manufacturer.
- Check that the connections are tight and that they are correctly aligned when cables are installed into the plug panels.
- Restore power and check for hot spots on the plug panel and the connectors that might indicate a problem with a connection point.
- Report completion of this upgrade to Canrig for tracking purposes.