HEXX-LOK™
Single Pole Receptacles
Installation and Maintenance Information

Cooper Interconnect’s Hexx-Lok™ Plug and Receptacle designs feature improved engagement, easy assembly and heavy duty construction. Our high dielectric insulating sleeve provides superior strength and environmental resistance to ensure trouble free and reliable use in any challenging environment. Hexx-Lok™ Plugs and Receptacles are rated to a maximum of 600 Volts and 690 Amps continuous use. Actual operation must comply with the information stipulated on the unit’s nameplate.

APPLICATION

1. Mount the receptacles using customer supplied hardware in accordance with your application specifications.

2. Install customer supplied lug on to the threaded stud. Then place the supplied lock washer and nut on to the threaded stud. Using a 3/4in hex wrench, torque the nut between 14 to 16 ft-lbs.

3. Thread the Nylon Adapter onto the threaded stud until snug. Tighten the Nylon Adapter an additional 1/4-1/2 turn to torque in place.

INSTALLATION

WARNING
Installation and Maintenance should be performed by authorized personnel only.

WARNING
To avoid damage to equipment or injury to personnel, electrical power must be OFF before and during installation and maintenance.

Note: Use Copper (CU) Conductors Only.

4. Insert an assembled plug into the receptacle and turn clockwise to the fully locked position. Pull back on the plug to ensure the plug is fully engaged.

5. Insert the Fiber Rod and Limit Switch assembly into the hole in the back of the Nylon Adapter.

6. Thread the Limit Switch assembly clockwise into the Nylon Adapter until you hear the Limit Switch Click. Continue to rotate the Limit Switch assembly two complete turns. Hold the Limit Switch in place and tighten the Jam Nut 1/4-1/2 turn past snug to torque Limit Switch in place.

7. After setting the Jam Nut, remove the plug from the receptacle. Test the Limit Switch installation by reinserting the plug and rotate clockwise. The Limit Switch should Click before the plug is fully rotated.

8. Slowly rotate the plug counter-clockwise and pull plug from receptacle. The Limit Switch should Click indicating that the switch is deactivated.

9. If you do not hear an audible Click in either step 7 or 8 above, remove Limit Switch Assembly and reinstall in accordance with steps 3-8.

OPERATION

To Mate Plug & Receptacle
1. Insert plug fully into the receptacle.
2. Rotate the plug clockwise until it stops.

To Unmate Plug & Receptacle
1. Depress Positive Latch Button on the Plug.
2. Rotate Counterclockwise until it stops.
3. Pull Plug out of receptacle.

MAINTENANCE

WARNING
Installation and Maintenance should be performed by authorized personnel only.

WARNING
To avoid damage to equipment or injury to personnel, electrical power must be OFF before and during installation and maintenance.

Note: Perform visual, electrical and mechanical checks of all components on a regular schedule. This should be determined by the environment and frequency of use, but it is recommended that it occur at least once per year.

1. Check Nut torque at 14 to 16 ft-lbs. (See Figure 1)
2. Confirm Nylon Adapter is tightened 1/4-1/2 turn past snug. (See Figure 2)
3. Confirm Limit Switch Jam Nut is tightened 1/4-1/2 turn past snug. (See Figure 5)

WARNING
If any part of this connector appears to be broken or shows signs of any damage—DISCONTINUE USE IMMEDIATELY. Replace or properly repair the connector BEFORE continuing service.

SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE