

# 30 AMP LINKOSITY™ RECEPTACLES

## INSTALLATION INSTRUCTIONS

### GENERAL INFORMATION

1. **NOTICE:** For installation by a qualified electrician in accordance with national and local electrical codes and the following instructions.
2. **CAUTION: RISK OF ELECTRIC SHOCK. Disconnect power before installing. Never wire energized components.**
3. **NOT FOR INTERRUPTING CURRENT. DO NOT CONNECT OR DISCONNECT UNDER LOAD.**
4. **CAUTION: To ensure seal of enclosure to Type ratings:**
  - a) Mounting gasket **MUST** be in place on receptacle and fully seated against the mounting surface.
  - b) Locknut **MUST** be fully tightened against panel interior.
  - c) Coupling nut **MUST** be fully tightened against mating connector
  - d) For fixed installations coupling nuts must be wrench tight-1/4 turn beyond hand tight.

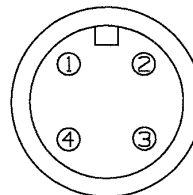
This receptacle is rated Enclosure Types 4, 4X, 12, 13 when fully connected to a Linkosity™ plug, having an equivalent Enclosure Type rating. Receptacles enclosure may affect Enclosure Type designation.
5. Check that the devices' Enclosure Type Rating and electrical ratings are suitable for the application.

### INSTALLATION & USE

1. Recommended panel cutout diameter is 0.830 (21.1 mm) for receptacles with ½ NPT thread.
2. "O" ring or flange gasket to be between the flange of shell and the panel.
3. **CAUTION: Mounting means not grounded. Assembly of receptacle to panel does NOT ground receptacle. Where applicable CONNECT GREEN WIRE TO EQUIPMENT GROUND.**
4. TAKE CARE IN TERMINATIONS THAT THERE ARE NO STRAY WIRE STRANDS. DO NOT TIN WIRES.
5. Position receptacle assembly into panel cutout.
6. Complete installation by tightening lock nut.
7. Do not connect to power before conducting the following electrical tests:
  - Test continuity of wiring to verify correct polarity and phasing.
  - Measure insulation resistance to be sure the system does not have any short circuits or unwanted grounds.
8. **CAUTION: If any parts of the receptacle appear to be missing, broken or show signs of damage: DISCONTINUE USE IMMEDIATELY! Replace damaged component. Failure to could cause serious injury or equipment damage.**

Linkosity™ is a trademark of Lockheed Martin.

### WIRING CODE FOR LINKOSITY™ RECEPTACLES MALE FACE VIEW



4P

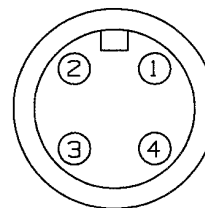
WITH NEUTRAL

- 1 - BLACK
- 2 - WHITE
- 3 - GREEN/YEL
- 4 - BLACK

WITHOUT NEUTRAL

- 1 - BLACK
- 2 - BLACK
- 3 - GREEN/YEL
- 4 - BLACK

### WIRING CODE FOR LINKOSITY™ RECEPTACLES FEMALE FACE VIEW



4P

WITH NEUTRAL

- 1 - BLACK
- 2 - WHITE
- 3 - GREEN/YEL
- 4 - BLACK

WITHOUT NEUTRAL

- 1 - BLACK
- 2 - BLACK
- 3 - GREEN/YEL
- 4 - BLACK

